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IFR SAFETY TESTS M2 AND M3 IN TREAT: DATA AND ANALYSIS

by

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ABSTRACT

TREAT tests M2 and M3 were performed to obtain information on the characteristics of metal-alloy reactor fuel under slow transient overpower accident conditions, in particular, the margin to cladding breach and the axial self-extrusion of fuel within intact cladding. The tests used U-5Fs fuel pins irradiated to burnup levels of 0.3 at.%, 4.5 at.% and 7.9 at.%. Each pin was located in a separate flowtube and cooled by flowing sodium. In one test, a pin of each burnup was heated to incipient cladding breach. In the other, pins of the medium and high burnup levels were heated to slightly beyond breach. Pre- and post-failure fuel motions were monitored by the fast-neutron hodoscope. The time and axial location of cladding breach were determined from the test-loop instrumentation.

Computations of fuel extrusion and cladding failure are described. The models used in the computations include effects of retained fission gas expansion, vaporization of the sodium-bond annulus in low burnup fuel, and cladding-wall thinning by eutectic formation.

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IFR Safety Tests M2 and M3 in TREAT

EXECUTIVE SUMMARY

TREAT tests M2 and M3 were performed to provide basic empirical information on the transient behavior of metal-alloy reactor fuel under accident conditions. The near-prototypic test environment that can be created in-pile was used to confirm inherent safety-related features of the fuel and provide guidance to safety modeling and analysis of fuel behavior in the innovative approach of the Integral Fast Reactor (IFR). While many TREAT tests had been performed on metal fuel during the 1960's, the subsequent advances in metal fuel design that allow for higher swelling, burnup and margin to failure dominate the analysis of the fuel element's response to off-normal conditions. Thus, much of the older in-pile database is obsolete, and the M2 and M3 tests were needed to provide early critical information for making preliminary safety assessments of and guiding the IFR conceptual design.

Specifically, the objectives of the tests were to obtain information on two key fuel behavior characteristics of transient overpower (TOP) conditions in metal-fueled fast reactors: the margin to cladding breach and the axial self-extrusion of fuel within intact cladding. Cladding breach depends upon penetration of a fuel-cladding eutectic into the cladding as well as internal pin pressure. Driving forces for fuel extrusion are fission gas, liquid sodium, and volatile fission products trapped within the fuel. Significant fuel extrusion prior to cladding breach would be an important factor in the case for benign termination of unprotected overpower events in a fast reactor.

The tests were done on uranium- 5% fissium EBR-II Mark-II driver fuel pins, which are suitable and available stand-ins for the U-Pu-Zr ternary fuel planned for use in the IFR. The pins were tested in TREAT Mark-III flowing sodium loops in an unique experimental configuration, where three pins were included in each test, each pin being in a separate orificed flowtube. Each experiment included pins of low (near fresh), medium, and high burnup. In both tests, the power rose exponentially from nominal on an 8 s period. During the power rise, the thermal performance of each pin was monitored, and axial extrusion was measured by the TREAT fast neutron hodoscope. By design, some of the pins were heated to incipient cladding breach, whereas others were heated slightly beyond. Cladding failure events were monitored by thermo-

couples, pressure transducers, flowmeters, and the hodoscope. Where failures did occur, the tests demonstrated an ability to terminate a transient precisely and rapidly when an inlet coolant flowrate decrease indicative of cladding failure was detected and used to generate a reactor shutdown signal.

Test M2 produced cladding failures in the medium- and high-burnup fuel. Test M3 left the cladding of all test pins intact. Thus, margin to failure was determined for medium- and high-burnup fuel of the type tested, and a lower limit to the margin to failure was found for near-fresh fuel. In all cases, the test fuel was driven to nearly four times nominal power and completely melted over approximately half its volume before any cladding failures were observed. Cladding failure of the medium- and high-burnup pins in M2 was accompanied by rapid fuel dispersal. A likely cause of this dispersal is sudden "flashing" of entrained bond sodium following pin depressurization. The steel flowtubes, of wall thickness similar to that of pin cladding, retained the molten fuel-steel mixture without breaching. This implies there would be minimal attack upon pins adjacent to any failed pin in a reactor.

Computations of cladding failures were performed using SAS4A and COBRA computer codes, modified pretest to include a pressure-assisted meltthrough model for cladding failure in sodium-bonded metal fuel. Melting below the steel melting point by fuel-steel eutectic formation is assumed. According to this model, failure in the near-fresh pin occurs only after cladding is melted nearly completely through; failure in the medium-burnup pin occurs, hastened by the plenum pressure, after about half the cladding is melted; and failure occurs in the high burnup pin, principally on the basis of high plenum pressure, before extensive melting of the cladding takes place. When uncertainties in the calculations are assessed, agreement between measurements and the pressure-assisted meltthrough model seems satisfactory. Further, the calculations indicate those pins which remained intact during the tests were heated to within 5% of failure. In these tests, computed cladding failures are all at the top of the fuel, where, in slow transients, mid-clad and fuel-cladding interface temperatures maximize. The axial location of pin failure in test M2 could not be determined from hodoscope data, but measured, failure-induced thermocouple perturbations occurred first nearest the fuel top.

Significant in-pin axial fuel extrusion (elongation exceeding normal thermal expansion) as measured by the hodoscope did not begin until after fuel melting. Total pre-failure elongation was measured to be more than 17% in the low-burnup fuel, which remained intact. In the high-burnup pins, however, the measured pre-failure elongation was essentially normal thermal expansion. Total pre-failure expansion observed in the medium-burnup fuel had intermediate magnitude. In the low- and medium-burnup pins, the elongation in excess of thermal expansion began suddenly at a power of about 30% less than the power at cladding breach. Similar expansion (> 10%) in the IFR would imply large negative reactivity insertion, rapid power reduction, and few, if any, fuel pin failures.

Several models to estimate pre-failure fuel extrusion have been applied to the tests: a simple calculation of entrained gas bubble expansion-to-equilibrium, a dynamical computation of in-pin molten fuel motion driven by expanding fission gas (the PINACLE module in SAS4A), and a model accounting for sodium bond boiling. Extrusion computed with the various models agrees with measurements fairly well in timing and in magnitude to within a factor of two. Prospects for successfully modeling in-pin fuel motion seem favorable using both entrapped fission gas and entrained bond sodium as possible sources of expansion. All models and the data point toward an inverse relationship between the amount of pre-failure fuel relocation and pin plenum pressure. According to calculations, the precise timing of fuel extrusion is strongly dependent upon thermal conditions at the top of the active fuel and will be influenced, for example, by the presence or absence of blanket material atop the active fuel.

Thus, with tests M2 and M3, the fuel extrusion and pin cladding failure models developed for analysis of metallic fuel have been validated within reasonable uncertainties for uranium- fissium alloy. Further analysis of data from these tests, posttest examination of both failed and nearly-failed pins, and refinements of the present fuel performance models will lead to more comprehensive understanding of metal fuel phenomena and provide direction for study of the reference ternary alloy both in and out of pile.

1.0 INTRODUCTION

Basic empirical information on the transient behavior of metal-alloy fuel under accident conditions needs to be obtained to confirm the inherent features of the fuel and to provide guidance to safety modeling and analysis of fuel behavior in Integral Fast Reactor (IFR) system designs. Results obtained from previous TREAT tests on metal fuel conducted in the 1960s are in most respects not directly applicable to current fuel design nor to advanced designs considered for the IFR. Important changes in fuel element design since those tests were performed have led to new types and ranges of fuel behavior, notably much-higher burnup levels achieved and provision for much-greater fuel swelling. These characteristics of the newer, higher-performance designs are dominant in the analysis of the element response to off-normal conditions and therefore need to be studied and verified experimentally. The M2 and M3 in-pile tests in TREAT were performed to provide critical information needed in making preliminary safety assessment of and guiding the IFR conceptual design.

Specifically, the objective of the tests was to obtain early information on two key fuel-behavior characteristics of transient overpower (TOP) conditions in metal-fueled fast reactors: the margin to cladding breach and the axial self-extrusion of fuel within intact cladding. Cladding breach depends upon fuel-cladding eutectic formation as well as upon cladding pressurization and melting. Fuel extrusion is a potentially important source of negative reactivity for self-termination of unprotected overpower events. Driving forces for extrusion are fission gas, liquid sodium, and volatile fission products trapped within the fuel matrix, with contribution from the sodium bond in low-burnup pins. The test results will provide guidance for modeling these mechanisms in fuel behavior models and accident codes that have been developed for other fuel types.

The tests were done on uranium-5 w/o fission EBR-II Mark-II driver fuel pins, which are suitable and available stand-ins for the U-Pu-Zr ternary fuel planned for use in the IFR. The pins were tested in axially-flowing sodium coolant in TREAT Mark-IIIC sodium loops. Three pins were included in each test, one of low burnup, one of medium burnup, and one of high burnup, with each pin in a separate flowtube. By design, some of the pins were heated to slightly beyond cladding breach, whereas others were heated only to incipient

breach to provide metallurgical information related to fuel expansion and cladding damage. Data have been obtained on prefailure axial extrusion and on initial post-failure fuel motion using the TREAT fast-neutron hodoscope.

2.0 DESCRIPTION OF THE EXPERIMENT HARDWARE

2.1 Test Fuel

Each of the M2 and the M3 tests used three preirradiated, sodium-bonded EBR-II Mark-II driver fuel pins. Figure 2.1 shows a schematic drawing of the pin with as-fabricated dimensions. The axial height of the active fuel column is 34.3 cm (13.5 in), and the midplane of the column was centered axially on the TREAT core. Type 316 stainless steel of thickness 0.03 cm (0.012 in) was used for pin cladding, and the cladding was spirally-wrapped with a 0.124 cm (0.049 in) diameter spacer wire on a 15.2 cm (6 in) axial pitch.

Table 2.1 lists the general as-fabricated characteristics of the fuel pins, and Table 2.2 lists additional information specific to the six pins used in the M2 and M3 tests. The test fuel in both M2 and M3 ranged from 0.3 to 7.9 a/o burnup. Initially the gap between the fuel and the cladding is filled with sodium; however after two to three percent burnup, the gap is eliminated due to fuel expansion. The height of the fuel column also increases with increased burnup. At 0.3 a/o burnup there is low porosity, some fission gas in the fuel, intact sodium bonding and negligible gas plenum pressure. By about 8 a/o burnup there is open-closed porosity cycling, approximately 1900 psi (13 MPa) plenum pressure at EBR-II operating temperature, and essentially the maximum gas content in the fuel.

Figure 2.2 shows the location of the fuel pins within the M2 and M3 test hardware.

2.2 Sodium Test Loops

The M2 and the M3 sodium loops are Mark-IIIC Integral TREAT test vehicles. These loops include one Annular Linear Induction Pump (ALIP) as shown in the schematic drawing of Fig. 2.2.

The axial midplane of the active test fuel columns is at the midplane of the TREAT core. An asymmetric configuration of dysprosium neutron shaping-collars (Fig. 2.3) is used to achieve the desired axial power profile in the test fuel. Except for these shaping-collars, the loop is unfiltered.

Eighteen clam-shell type electric heaters are placed around the test section leg of the loop for the purpose of melting the sodium and providing the desired pretransient sodium temperature. Each heater, providing 1500 W at

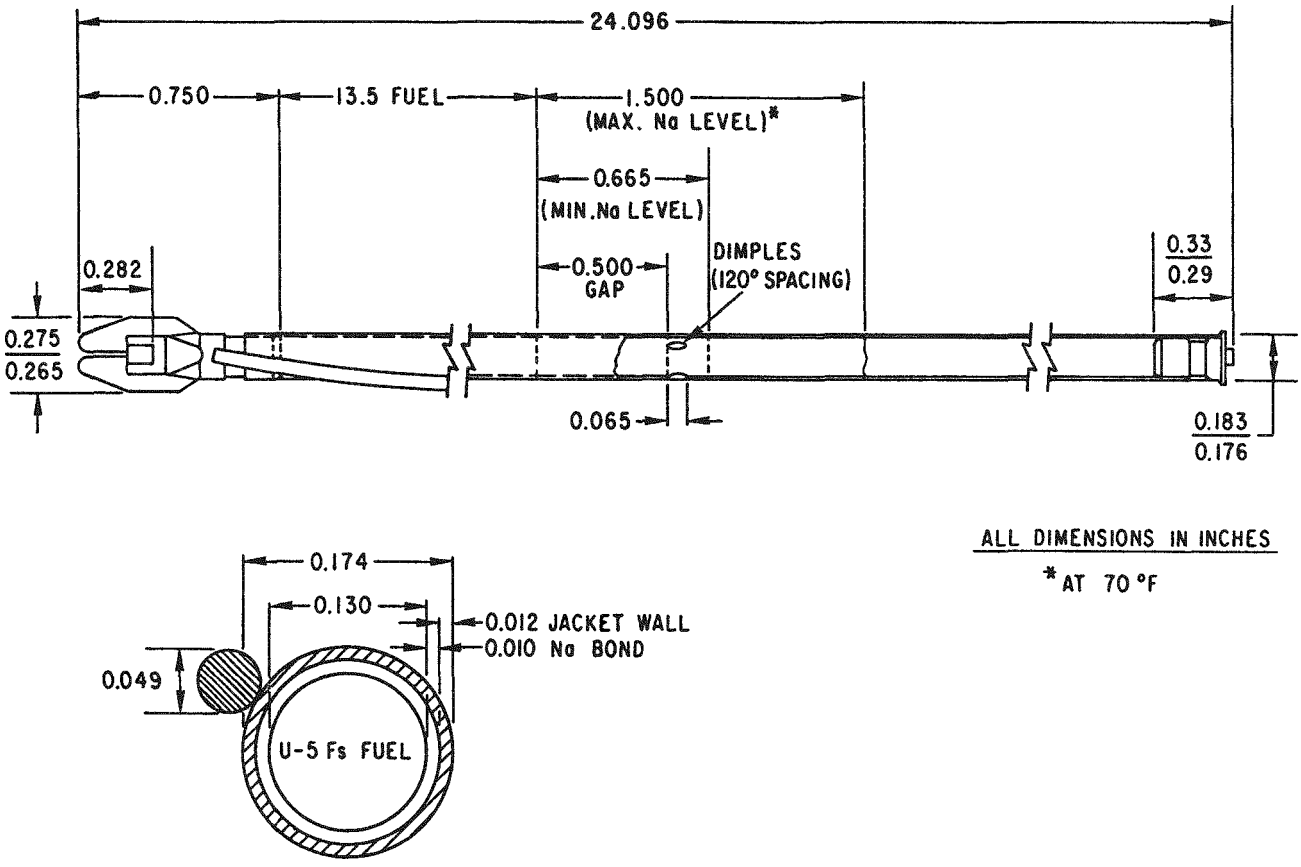


Fig. 2.1. EBR-II Mark-II U-5Fs Driver Fuel Pin

Table 2.1. As-Fabricated Fuel Pin Characteristics

Fuel Column		
Chemical composition,	Uranium	95 ± 1 wt.%
	Fissium*	5 ± 1 wt.%
Isotopic composition,	^{235}U	66.72 ± 0.50 wt.%
	$^{234}U + ^{236}U + ^{238}U$	33.28 ± 0.50 wt.%
	$^{234}U + ^{236}U$	< 1.0 wt.%
Density (as cast)		17.6 g/cm^3
Length		34.3 ± 0.1 cm
Mass		51.7 + 1.0 g
Cladding		
Material		316 SS, S.A.
Diameter,	I.D.	0.381 cm
	O.D.	0.442 cm
Thickness		0.0305 cm
Fuel restrainer, dimple distance above fuel		1.27 cm
Fuel-cladding bond, (cold)		Sodium
Level, above fuel pin (maximum/minimum)		3.81 cm/1.70 cm
Plenum		
Fill gas		Argon
Volume, hot (maximum/minimum)		2.4 cm^3/2.1 cm^3
Wire Wrap		
Material		316 SS, S.A.
Diameter		0.124 cm
Miscellaneous		
Pin overall length		61.2 cm
Axial insulator or reflector		none

*The 5 wt.% fissium is fabricated as 2.46 wt.% molybdenum, 1.96 wt.% ruthenium, 0.28 wt.% rhodium, 0.19 wt.% palladium, 0.10 wt.% zirconium, and 0.01 wt.% niobium. Fissium is an equilibrium concentration of solid fission products that are formed during irradiation and accumulated.

Table 2.2. Characteristics of the M2/M3 Test Fuel Pins after Preirradiation

Test	Location of Fuel Pin within Test Array[a]	Subassembly-Element (Element Identification)	Burnup, a/o	Fuel Column Length,[b] cm	Fuel Pin Plenum Length,[c] cm
M2	1	C2866-W27 (TX07)	0.3	34.42	20.5
	2	C2866-E28 (U5942)	4.4	36.32	15.0
	3	C2866-E35 (CY18)	7.9	36.96	12.9
M3	1	C2866-E26 (TX08)	0.3	34.42	20.5
	2	C2866-E33 (U6014)	4.4	36.32	15.5
	3	C2866-E45 (WW49)	7.9	37.34	10.3

(a) As shown in Fig. 2.2.

(b) Includes lengths of swelled fuel at top of fuel column. See Table 7.3 for lengths measured by the fast-neutron hodoscope.

(c) Void length above sodium level as measured on neutron radiograph.

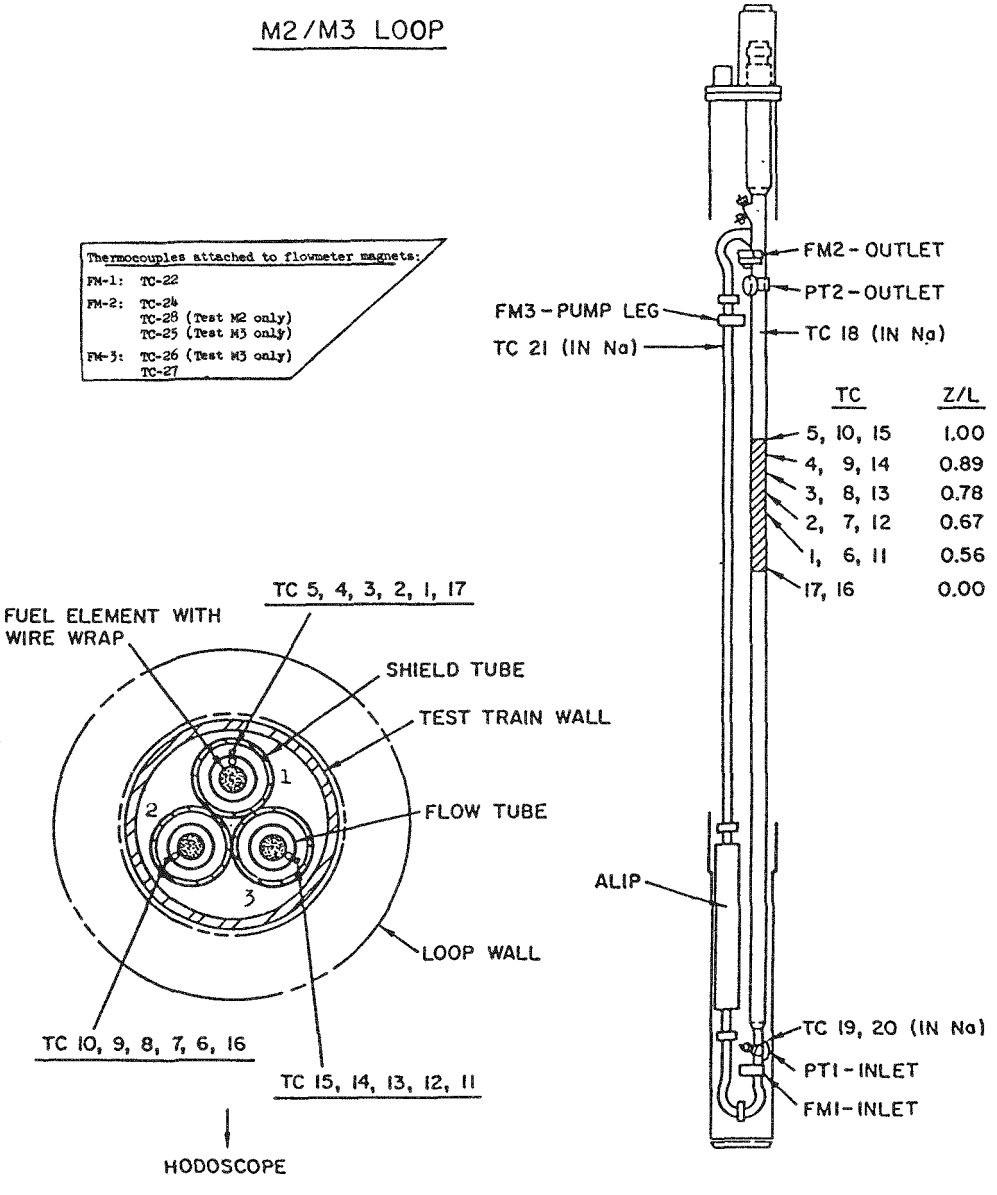
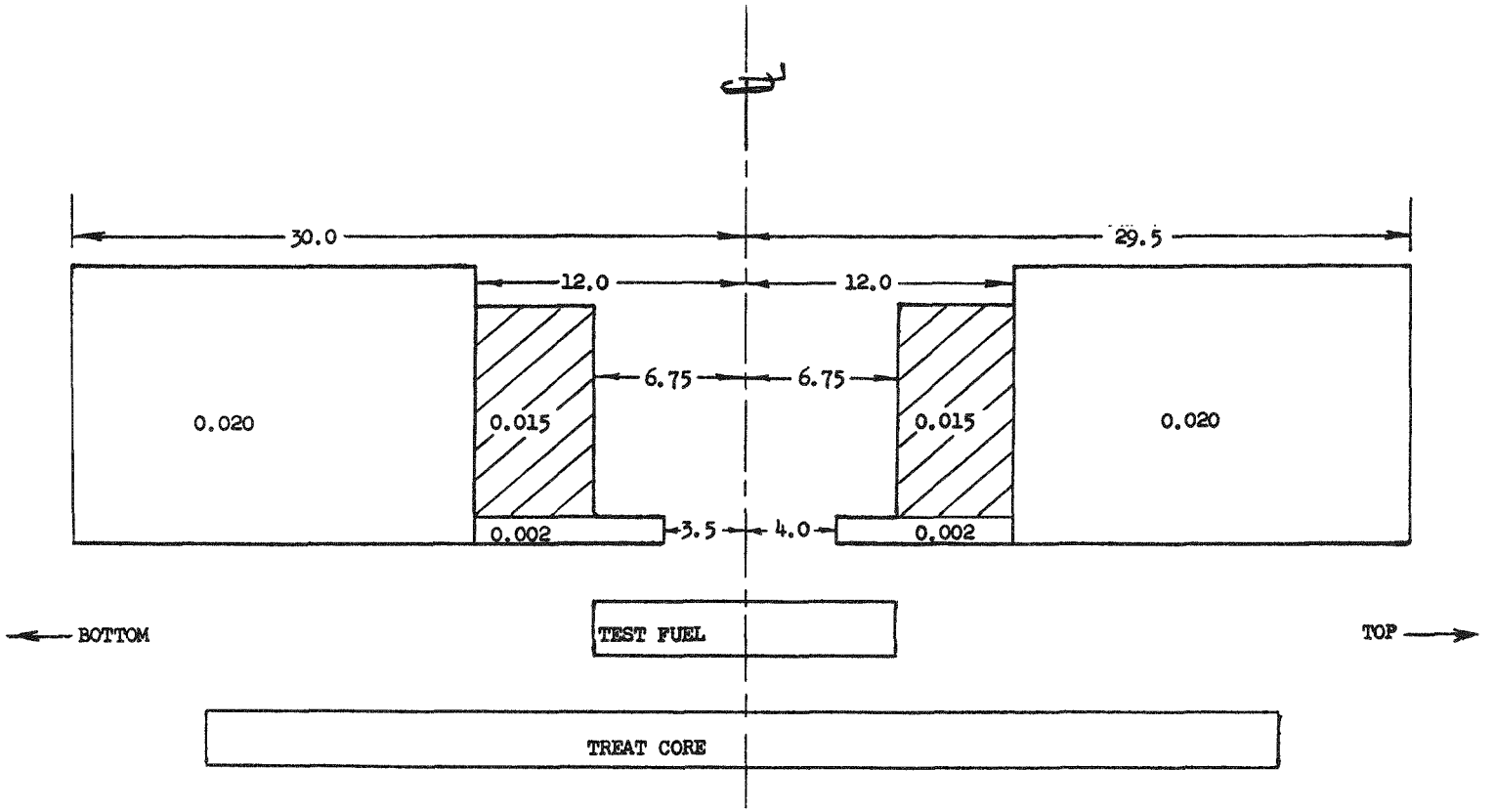


Fig. 2.2. Schematic Drawing of the M2/M3 Test Vehicle (right) and Cross Section through the Loop and Test Train (left)



(Note: dimensions in inches)

Fig. 2.3. Axial Dysprosium Shaping Collar Configuration for the M2 and M3 Tests

120 V, has a 2.5 mm diameter inconel sheathed, swaged MgO insulation, nichrome V resistance element and nickel leads. Wire-wrapped trace heaters are provided for the pump leg and the upper and lower bends of the loop.

The secondary containment is a leaktight spill container capable of containing sodium or fission gases released from the primary containment. A gas system is provided for purging the containment through a connection at the top plate of the loop. In addition, under the protective hood covering the top closure flange is a gas-line feedthrough controlled by a high pressure Hoke valve. The system can be used to pressurize the gas plenum region above the sodium in the loop and to sample the plenum gas as a check for fission product activity. Locations of the pressure transducers, flowmeters and thermocouples attached to the loops and test trains for transient data acquisition are shown in Fig. 2.2. The instrumentation is described in Section 3.

2.3 Test Trains

The M2 and M3 test trains serve primarily to (a) support three fuel pins in the loop test section, (b) provide for temperature measurement in the vicinity of the test fuel, (c) provide a mating gas-tight seal with the loop top closure flange, and (d) provide a mating seal at the bottom of the loop test section to essentially prevent sodium bypass flow in the sodium annulus between test train and test section walls. Test train instrumentation is described in Section 3.

Connected to the bottom of each fuel pin is a long solid-rod extender which, in turn, is anchored with a roll pin to the test train structure near the test train bottom as shown at the top of Fig. 2.4. The extender is 140.5 cm (55.315 in) long and of the same diameter as the fuel pin. The extenders provide support for the pins; they provide representative structural material for fuel debris to adhere to after pin failure; and they also provide a smooth flow profile before the flow reaches the test fuel section. Each pin, with its extender, is centrally located in its own flowtube and sufficiently separated laterally from its neighbors to (a) minimize the neutron-flux shielding of each pin by its neighbors and thus allow nearly-uniform azimuthal power distributions in each pin and (b) provide for enhanced viewing of each pin by the fast-neutron hodoscope. The 0.4 mm (0.0145 in) thick flowtubes are located on a triangular pitch of 1.32 cm (0.52 in) and are orificed at the

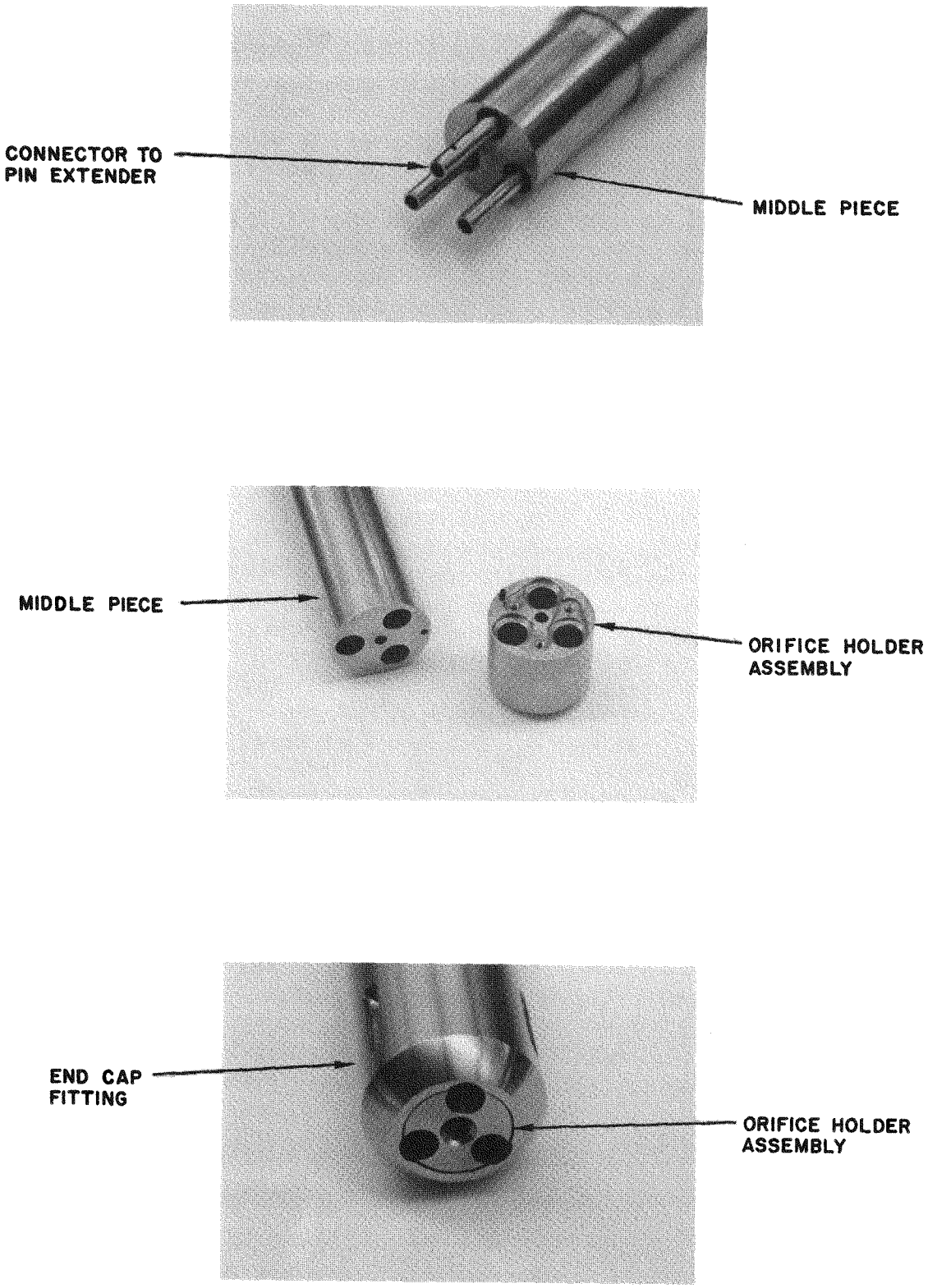


Fig. 2.4 Photographs of Bottom End of Test Train

bottom, more than 1.5 m below the active test fuel. The middle photograph in Fig. 2.4 shows the orifice holder assembly detached from the "middle piece" to provide a view of the site of the orifice plates. The lower photograph shows the bottom end of the orifice holder assembly within the end cap fitting. The latter, of 1 3/8-in. O.D., seals to the loop wall at the bottom of the loop test section. Orifices within the flowtubes were as follows:

Test	Flowtube (Fuel Pin) Location (a)	Orifice Diameter, in.
M2	1	0.200
	2	0.200
	3	0.200
M3	1	0.150
	2	0.200
	3	(No orifice)

(a) As shown in Fig. 2.2 and listed in Table 2.2.

Sodium flows upward between the fuel pin and the flowtube. The free flow area for the nearly fresh pin is 0.240 cm^2 (0.037 $in.^2$), for the 4.4 a/o burnup pin 0.239 cm^2 (0.037 $in.^2$) and for the 7.9 a/o burnup pin 0.234 cm^2 (0.036 in^2).* All solid materials of the test train that are within the loop section are made of stainless steel. A 0.7 mm (0.028 in) thick shield tube is located around each flowtube over most of the flowtube length. These shield tubes are intended to limit radial fuel motion after pin failure during the tests in case the flowtubes are penetrated by fuel. Surrounding the three shield tubes is the outer (structural) wall of the test train. Table 2.3 lists the loop and test train radial dimensions.

* The sodium flow area assumes a cladding radial expansion of 0.25% for a fuel burnup of approximately 4 percent and 2% cladding radial expansion for a fuel burnup of 8 percent.

Table 2.3. Selected M2 and M3 Test Section Dimensions

	O.D., in.	I.D., in.	Wall Thickness, in.
TEST TRAIN:			
Outer Tube	1.38	1.25	0.065
Shield Tubes	0.520	0.460	0.028
Flowtubes	0.312	0.283	0.0145
TEST LOOP:			
Dysprosium Filters	--	--	up to 0.020
Loop Test Section (Primary Containment)	2.45	1.44	0.406

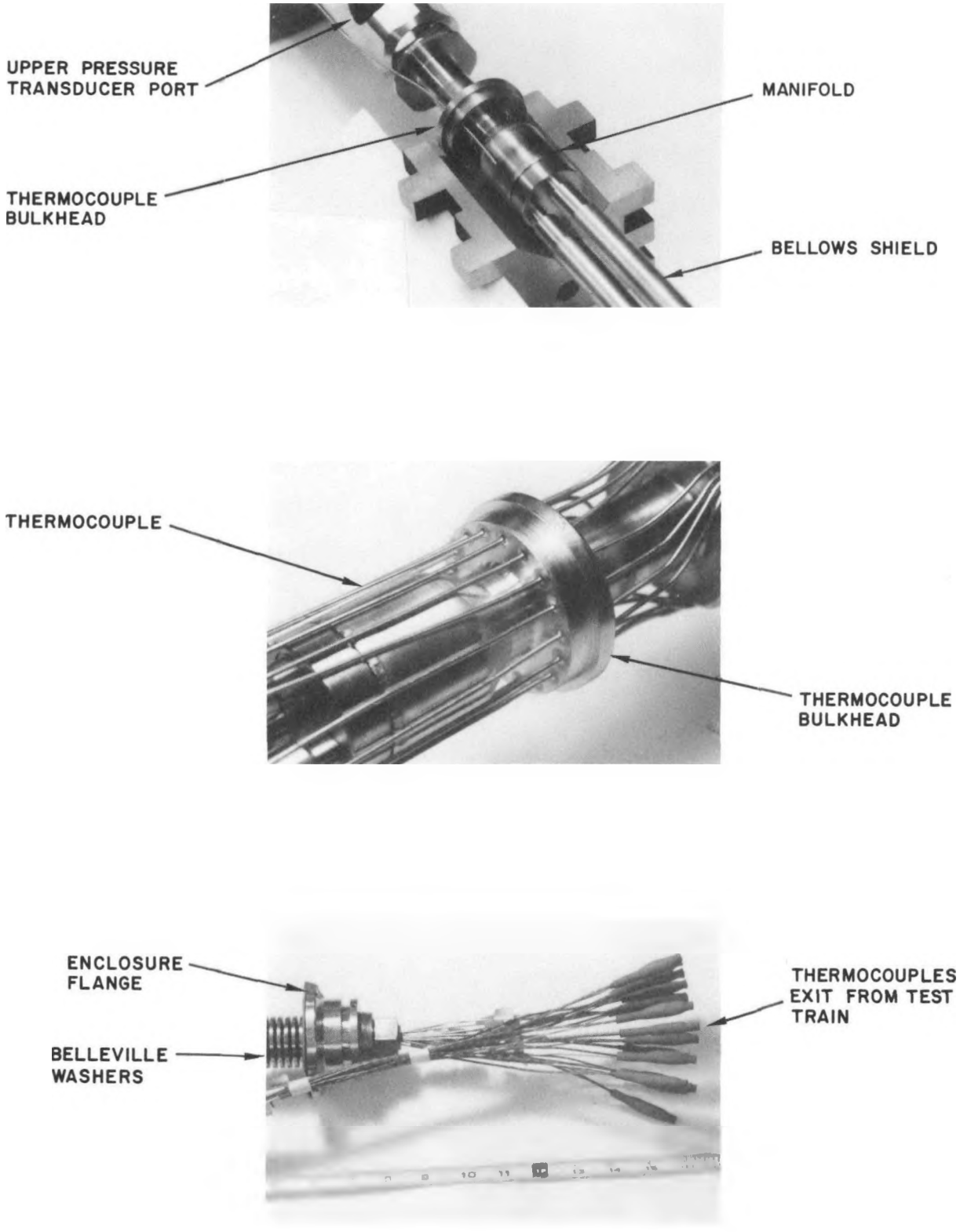


Fig. 2.5 Photographs of Upper Test Train Components

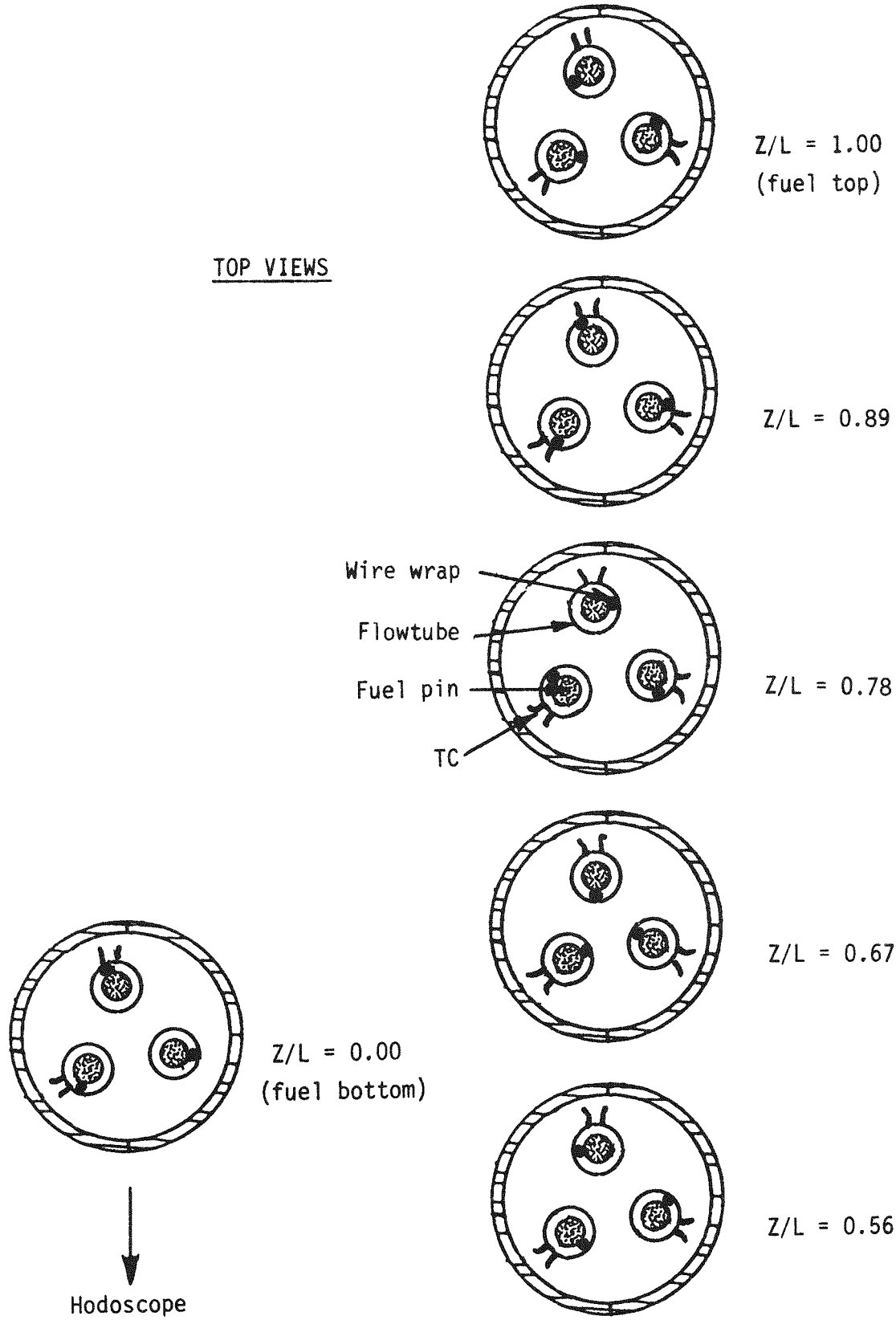


Fig. 2.6. Relative Positions of Pins, Wire Wraps, and Thermocouples in the Test Train

The geometry shown in Fig. 2.2 applies over a region extending from 52 cm (20.5 in) above the fuel midheight (where the open top ends of the shield tubes are located) to 150 cm (59.1 in) below the fuel midheight (where the bottom ends of the shield tubes enter a 1.4 cm (0.55 in) thick plate). The plate occupies the entire cross-sectional area of the test train, except for the area inside the flowtubes which pass through the plate, and forms the bottom end of the inert-gas-filled region around the flowtubes and shield tubes. Above the tops of the shield tubes, the flowtubes continue upward for about 7 cm (2.8 in) at which point they enter a 9 cm (3.5 in) long bellows assembly located at the elevation of the top of the TREAT core. The bellows accommodate differential thermal expansion between the flowtubes and test train outer tube. Above the bellows assemblies, the three sodium flow channels discharge into a small manifold (Fig. 2.5, top) that is connected at its upper end to a flange. The flange, referred to as the "thermocouple bulkhead" in Fig. 2.5 (top and middle), includes brazed penetrations of 17 thermocouples. Except for a 1 cm (2.5 in) diameter central hole, it occupies the entire cross-sectional area of the test train and forms the upper end of the inert-gas-filled region of the test train. The volume between the flowtubes and the shield tubes, and between the shield tubes and the outer tube, is a common volume that is filled with an argon-helium mixture that was pressurized to about 60 psi (0.4 MPa) absolute pressure at room temperature.

During manufacture of the test trains, the top ends of the flowtube bundles were unintentionally affixed to the test train structure out of true angular position. This resulted in the array of flowtubes being twisted. The twist per unit length along the two-meter length was small and went undetected as the test trains were outfitted with their thermocouples. The angular misalignment was first detected when the pretest hodoscope scan data (see Section 7) were being evaluated prior to the M2 test. Since the test-fuel region is near the tops of the flowtubes, the misalignment at that location was considerable. From the pretest scan data, the misalignment at the fuel elevation is found to be 13° counterclockwise in M2 and 4° counterclockwise in M3 when looking downward.

Figure 2.6 shows the relative positions of the fuel pins, thermocouple junctions, wire wraps, and hodoscope line of sight at the elevations of the thermocouple junctions along the flowtubes. The array of flowtubes is,

for illustrative purposes, shown rotated an average of the rotations of the M2 and M3 arrays.

At the top of the test train is a closure flange (Fig. 2.5, bottom) that mates with the flange atop the test vehicle (loop) plenum to provide continuity of primary containment. Included in the top closure assembly are a thermocouple feed-through brazement, a Simmslok high-pressure valve, and a stack of Belleville spring washers. The latter provide a compressive force through the test train outer wall to maintain a seal between the bottom of the test train and a mating shoulder in the loop wall near the bottom of the loop test section.

3.0 TEST INSTRUMENTATION

3.1 Test Vehicle Instruments

Figure 2.2 shows the M2/M3 test vehicle with the location of the primary test sensors: three flowmeters, twenty-one thermocouples and two pressure transducers.

3.1.1 Flowmeters

Coolant flowrates were measured by the three permanent magnet flowmeters FM1, FM2 and FM3 mounted on the outside of the loop piping at the loop bottom and on both legs of the loop near the top of the flow circuit. Response time of the flowmeters is better than 1 ms.

The flowmeters were calibrated at ANL-E against a previously calibrated sharp-edged orifice and were later cross-calibrated relative to one another at TREAT both in the neutron radiograph stand and prior to the heat balance and final transients in the TREAT reactor core. During the cross calibrations at TREAT, the flowmeter at the top of the pump leg (FM-3) was chosen as the reference flowmeter since (a) unlike the outlet flowmeter (FM-2) the calibration of FM-3 is independent of which test train is in place in the test section, whether it is the actual fuel-bearing test train (as when the loop is in the TREAT reactor core) or whether it is the calibration orifice test train (as during the ANL-E calibrations), and (b) unlike the inlet flowmeter (FM-1) the calibration of FM-3 is not affected by the presence of carbon steel in the reactor biological shield near the lower portion of the test loop.

The calibration factors of FM-1 and FM-2 taken in the reactor prior to the heat balance and again prior to the final transient agreed to within a few percent. For each flowmeter, the calibration factors were averaged, and the resulting average values given below were used to reduce the test data.

Test	Flowmeter	Flowmeter Calibration, cm3/s-mV	Percent Change from ANL-E Calibration
M2	FM-1	226	+12.3
	FM-2	498	+ 4.4
	FM-3	214	--
M3	FM-1	224	+ 8.7
	FM-2	506	- 2.9
	FM-3	200	--

The reading on the Digital Data Acquisition System (DAS) in the Instrument and Control (I&C) room was observed to be 0.010 mV higher than that on the digital voltmeter at the loop console. This quantity along with the zero-shift reading (flowmeter output at zero ALIP current) was taken into account when the conversion was made from mV to cc/s in the tables of Appendix C.

It is recognized that the flowmeter calibration is slightly dependent on both the sodium temperature and the temperature of the flowmeter magnet (Ref. 3.1). Measurements of these effects were not performed during the M2 and M3 calibrations; however, an estimate of their effect is as given in Ref. 3.2.

3.1.2 Thermocouples

Test train instrumentation consisted of 18 MgO-insulated chromel-alumel type K thermocouples (TCs). The TCs were stainless-steel sheathed with an outside diameter of 1.016 mm (0.040 in). Seventeen TCs (TC-1 to TC-17) were attached to the outside of the flowtubes along the 34.3 cm (13.5 in) active test fuel column length at the idealized locations shown in Fig. 2.2. (For analysis purposes, the reader should refer to Sections 5.3 and 6.2 and the discussion of the apparent TC locations relative to the three fuel columns). The axial locations were so chosen as to help eliminate, during posttest analysis, the effect of any periodicity in temperature rise induced by the spirally-wrapped spacer wire along the fuel pins. Each thermocouple contained conductors of approximately 0.015 cm (0.006 in) in diameter. Each

conductor was separately welded to the 0.037 (0.0145 in) thick flowtube wall to form an "intrinsic" junction, as shown in Fig. 3.1. A ceramic rod with two longitudinal holes insulated the bare wires from the end of the cut thermocouple sheath to their points of attachment onto the flowtube. A thin steel strap was spot-welded to the sheath and flowtube near the end of the TC to prevent stress on the TC wires as a result of differential thermal expansion.

The remaining test train thermocouple (TC-18) was installed in-sodium above the manifold at the outlet of the test section.

Penetrations of the loop primary containment for the insertion of in-sodium TCs were provided at the following locations: (1) a single gland containing two TCs (TC-19 and TC-20) at the test section inlet, (2) one TC (TC-21) closely adjacent to flowmeter FM-3 at the top of the pump leg of the loop and (3) one TC in each of two sno-trik penetrations above the return tee of the loop. These latter two TCs were used to verify that the correct amount of sodium was in the loop.

Two TCs were mounted on each of the three flowmeter magnets to monitor the magnet temperature throughout the tests.

All of the TCs are useful up to their melting point of approximately 1700 K and have an accuracy of ± 3/4% of the difference between the indicated temperature and the reference-junction temperature of 338 K.

3.1.3 Pressure Transducers

Coolant pressures were measured by pressure transducers (Statham PG732TC-1M-350)* of 0 - 1000 psi (6.9 MPa) range on NaK-filled standoff assemblies that are coupled to the sodium by thin bellows. One such pressure transducer assembly (PT-1) connects to the loop at the bottom, and another (PT-2) connects to the loop at the top of test section leg above the fuel pins. The frequency response characteristics of the pressure transducer/standoff combination are described in Ref. 3.3.

* According to the manufacturer's specifications, the accuracy of the pressure transducers is ± 0.75% of full scale.

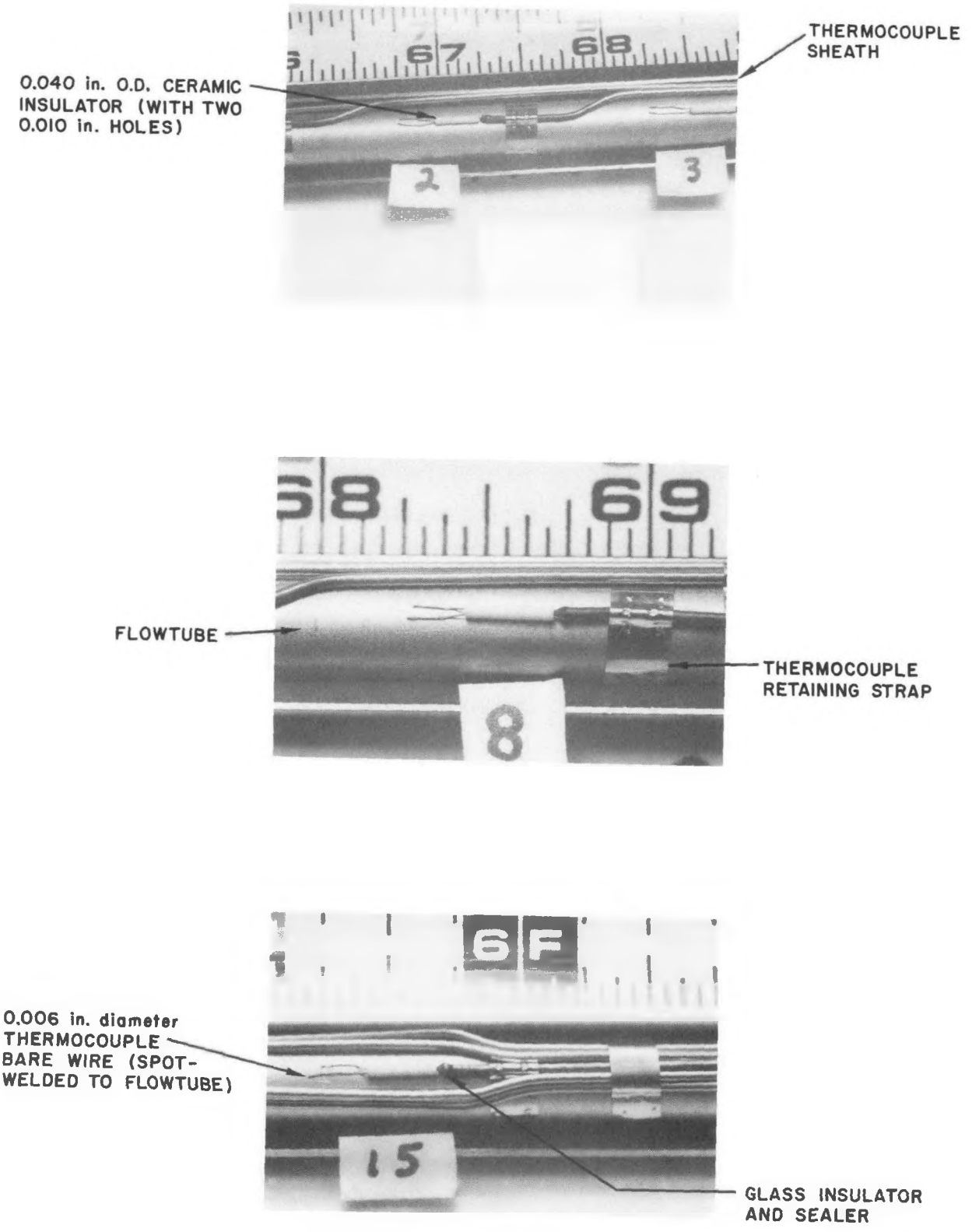


Fig. 3.1 Photographs of Intrinsic Thermocouple Junction

The pressure transducer calibration factors used to reduce the test data were:

Test	Pressure Transducer	Location	Calibration Factor, psi/mV	Calibration Factor, MPa/mV
M2	PT-1	Inlet	64	(0.44)
	PT-2	Outlet	63	(0.43)
M3	PT-1	Inlet	71	(0.49)
	PT-2	Outlet	64	(0.44)

Prior to the heat balance and the final transient for tests M2 and M3, the pressure in the gas-filled plenum region above the sodium in each test loop was set at four standard atmospheres absolute (58.8 psia, 0.41 MPa). The pressure transducers were zero balanced before sodium flow was established.

At the initial operating conditions for the M2 test (sodium temperature 629 K and flow of 195 cm^3/s) and for the M3 test (632 K, 207 cm^3/s), the pressure drop across the test section was measured with the loop in the TREAT core to be approximately 10 psig (0.07 MPa) and 16 psig (0.11 MPa) respectively. The higher pressure drop in the M3 test compared to that in the M2 test may be due to the higher total flowrate and different flowtube-orifice combination. However, the two pressure drops agree with each other to within the accuracy of the pressure transducers specified by the manufacturer.

3.2 Hodoscope

The 1.2 m (48 in) hodoscope was used for the test. The hodoscope is positioned on the north side of the reactor and views the test vehicle toward the south through a slot across the core radius. A full north-south slotted TREAT reactor core was used for the M2 and M3 tests in order to enhance the hodoscope results by lowering the neutron background behind the test vehicle and increasing the hodoscope signal-to-noise ratio. The test section of the loop and the pump leg were oriented so that both were in line with the hodoscope slot as shown in Fig. 3.2.

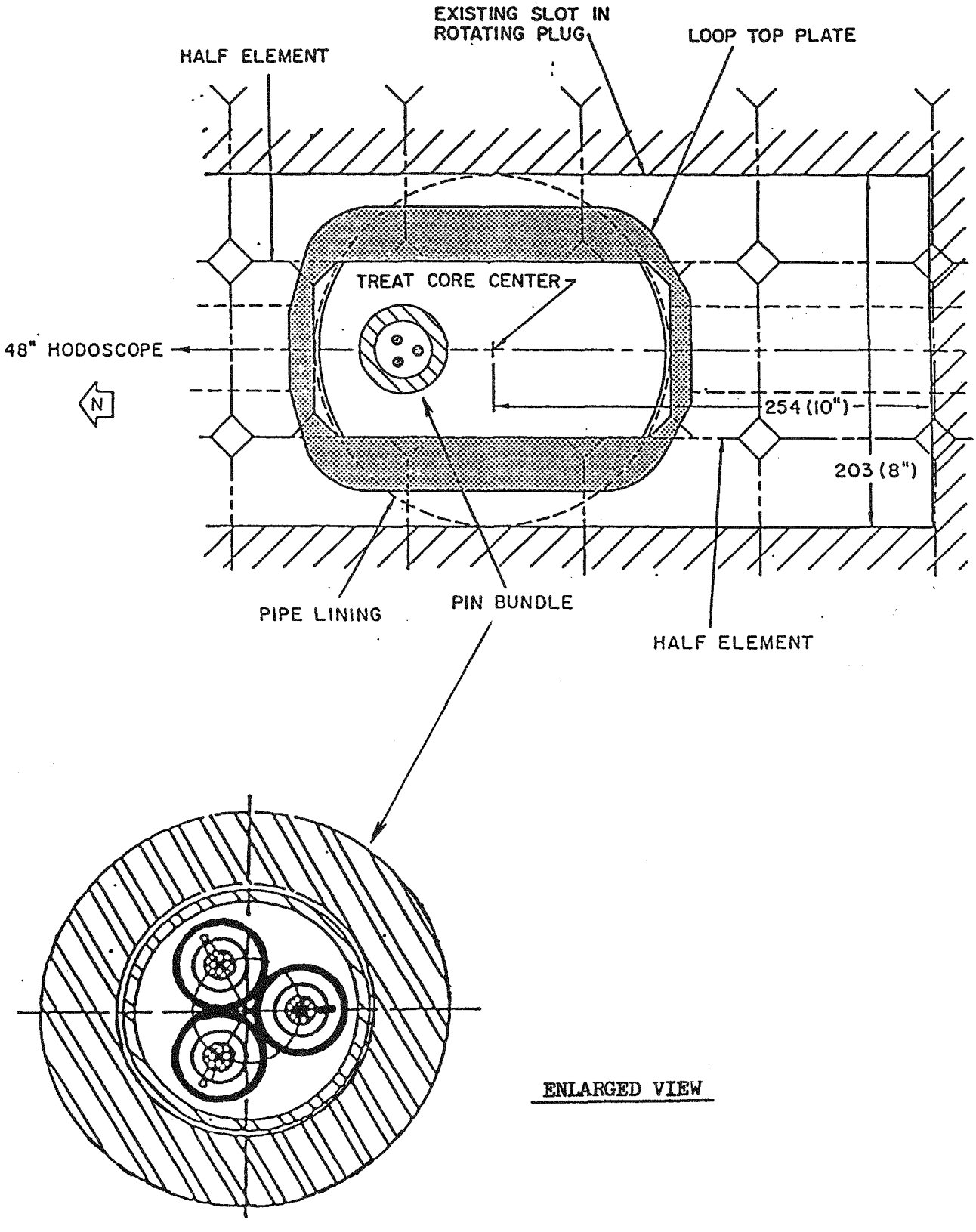


Fig. 3.2. Cross-Sectional View of the M2/M3 Loop at the TREAT Core Center

4.0 FUEL POWER COUPLING

Prior to the M2 and M3 tests, a series of EBR-II U-5Fs fuel and U-Zr flux monitor wire irradiations (the M2 Power Calibration Experiment) was conducted in TREAT (Ref. 4.1). The purpose of the experiment was to determine (1) the axial power variations in the fuel pins, (2) the low-level, steady-state (LLSS) power coupling factors for each of the test fuel pins in the M2 and M3 tests and (3) the transient correction factors. Additionally, immediately preceding both the M2 and M3 tests U-Zr wires were irradiated and analyzed in support of the power coupling calibrations. Table 4.1 summarizes the calibration irradiations.

4.1 Power Profiles

4.1.1 Axial Power Distribution

Three fresh U-5Fs fuel pins were irradiated in TREAT during a single LLSS run at about 25 kW for 25 minutes (energy release of about 36 MJ), and one U-Zr flux monitor was included in each irradiation of a series of irradiations to determine the axial power profiles during the M2 and M3 tests. Reference 4.2 describes the gamma counting and radiochemical analysis performed at ANL-W on the fuel pins and U-Zr wires. Each fuel pin was gamma scanned at half-inch intervals starting at the bottom or spade end and extending to 45.72 (18 in) from the bottom of the pin. The purposes of these non-destructive scans were to locate the active fuel region within the pins and to get a preliminary view of the profile to see if the overall effect was as anticipated.

The three fuel pins were then disassembled by cutting above the fuel column and removing the fuel from the clad. The fuel was sheared into about 1.25 cm (0.5 in) long segments and identified. All segments were weighed and counted for relative activity. The count rate per gram of segment was determined for each segment and the values normalized to unity at the highest point of the distribution. The distribution from a typical fuel pin is shown by the set of data points in Fig. 4.1. Within approximately ± 15.2 cm (6 in) of the midplane all three distributions appear symmetrical about the midplane. At the lower fuel boundary (-17.15 cm, -6.75 in), the distributions show a lower activity than at the upper fuel boundary (+17.15 cm, +6.75 in). Neutron radiographs of the test fuel within the calibration vehicle show the

Table 4.1 Summary of the Power Calibration Irradiations

Date	TREAT Transient Number	Flux Monitor Wire	Description	TREAT Energy, MJ	Absolute Activity, 10^{12} fissions/g	Transient Correction factor[a]
9/14/84	2576	--	Full energy trial transient -- approximate 19 s power period during burst	1390	--	--
9/17/84	--	48-1	Low-level, steady-state wire irradiation	540	9.29	--
9/18/84	2577	48-2	Heat balance wire trial transient	543	8.99	0.96
9/19/84	2578	--	Full energy trial transient -- approximate 12 s power period during burst	1498	--	--
9/20/84	2579	48-3	Full energy wire trial transient	1488	24.2	0.93
9/21/84	2580	48-4	Partial energy wire trial transient	206	3.07	0.87
9/24/84	2581	48-5	Partial energy wire trial transient	408	6.21	0.88
9/25/84	2582	48-6	Partial energy wire trial transient	812	13.0	0.92
9/26/84	2583	48-7	Partial energy wire trial transient	1117	18.0	0.93
10/02/84	--	--	Low-level, steady-state fuel irradiation	36	7.77	--
3/11/85	2591	48-8	Heat balance wire trial transient	549	8.76	0.93[b]
3/13/85	2592	48-9	M2 trial transient[c]	1080	16.16	0.88[b]
3/14/85	2593	48-10	M2 trial transient[c]	1219	18.46	0.88[b]
3/14/85	2594	--	M2 (full energy) trial transient[c]	1494	--	--
4/05/85	2597	48-11	M3 trial transient[c]	1147	17.78	0.90[b]

[a] At test fuel axial midplane.

[b] Transient correction factor based on LLSS wire irradiation of 9/17/84. Reactor core was changed and re-established during the intervening time period along with possible small instrument calibration drifts.

[c] Approximate 8 s power period during burst. Transient terminates from peak power with 15-second low power "shelf" established by the re-insertion of transient rods T-1 and T-2 at their maximum rates.

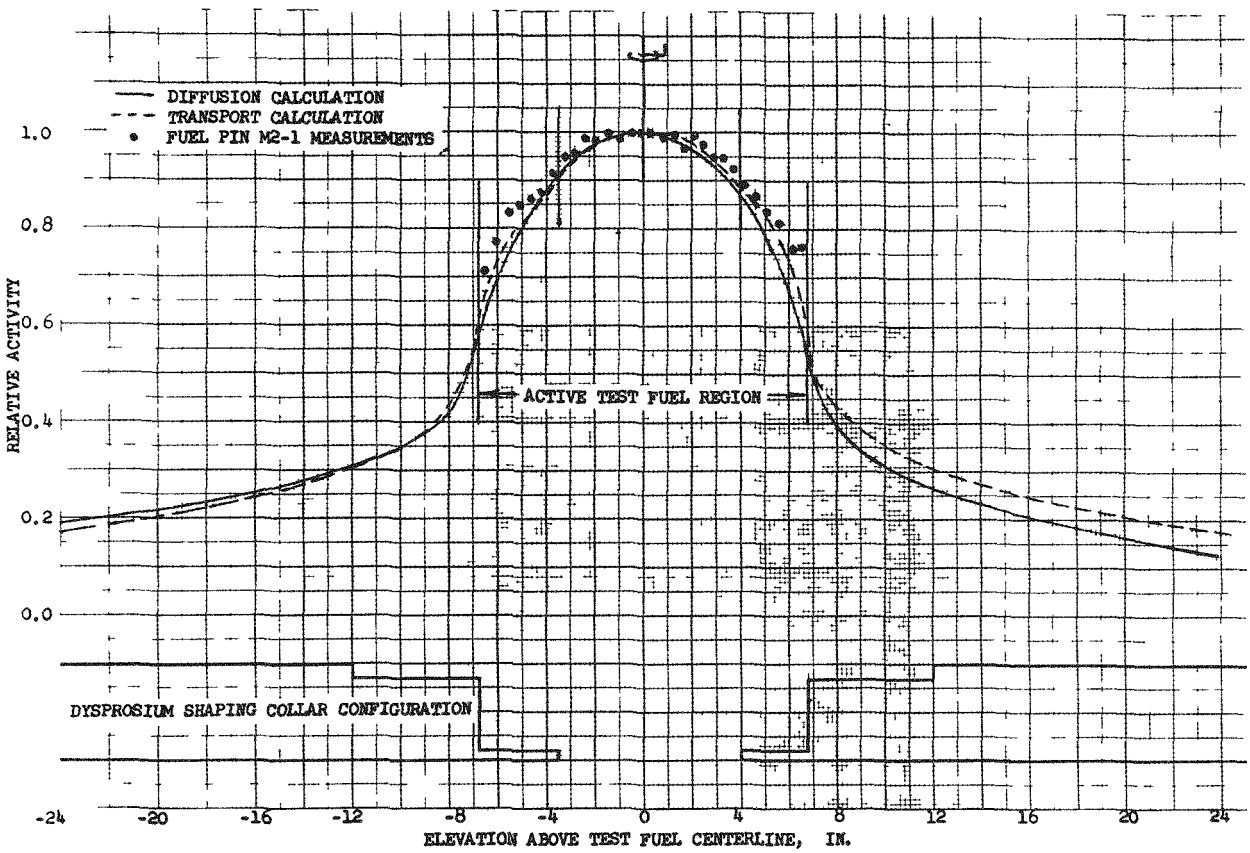


Fig. 4.1. Calculated and Measured Axial Power Profiles for Tests M2 and M3 (Low-level, Steady-state Fuel Pin Irradiation)

fuel pins to be slightly offset (lower by about 0.32 cm, 0.13 in) relative to the dysprosium shaping collar thickness changes (Fig. 2.3). Since the lower end of the fuel pin was therefore under the 0.043 cm (0.017 in) thick part of the collar rather than the 0.005 cm (0.002 in) thickness, it had a lower value than the corresponding part of the pin above the midplane.

Following the TREAT irradiations, the U-Zr flux monitor wires were cut into segments. All segments were identified, weighed and counted for relative activity. Figure 4.2 shows the axial profile from gamma counting the relative fission product activities of the cut wire segments in the LLSS flux monitor wire irradiation (Table 4.1). All wire distributions were also normalized to unity at the highest value.

In each of the wire activity distributions, one or two abnormally high points are observed just below the midplane of the distribution. Radiographs of the monitor wire holder within the calibration vehicle show an approximate 0.31 cm (0.13 in) gap in the 0.032 cm (0.015 in) thick dysprosium filter at about the same axial location. The gap caused a local increase in the neutron flux, hence also in the monitor wire activation.

Figures 4.1 and 4.2 compare the measured axial profiles from the LLSS fuel pin and wire irradiations, respectively, with the calculated profiles (Refs. 4.3 and 4.4). The calculated curves are for an extended, long fuel column of uniform density to indicate the distribution without end effects. If the 34.3 cm (13.5-in) fuel length is assumed, the calculated power rise sharply within the last 2 mm at the extreme ends of the fuel (not shown). In general, the agreement between calculation and measurement is satisfactory. Figure 4.3 compares the measured LLSS fuel pin axial power profile from the calibration experiment in TREAT to the measured axial distribution in EBR-II and also to the conceptual Integral Fast Reactor (IFR) axial distribution. Data from all three fuel pins were used in obtaining the measured distribution, and points equidistant from the axial midplane were averaged. It was desired that the profile lie between the EBR-II and IFR distributions. Coincidentally, the measured profile lies very close to the EBR-II distribution.

4.1.2 Radial Power Distribution

The calculated test fuel radial power profile (Ref. 4.3) is

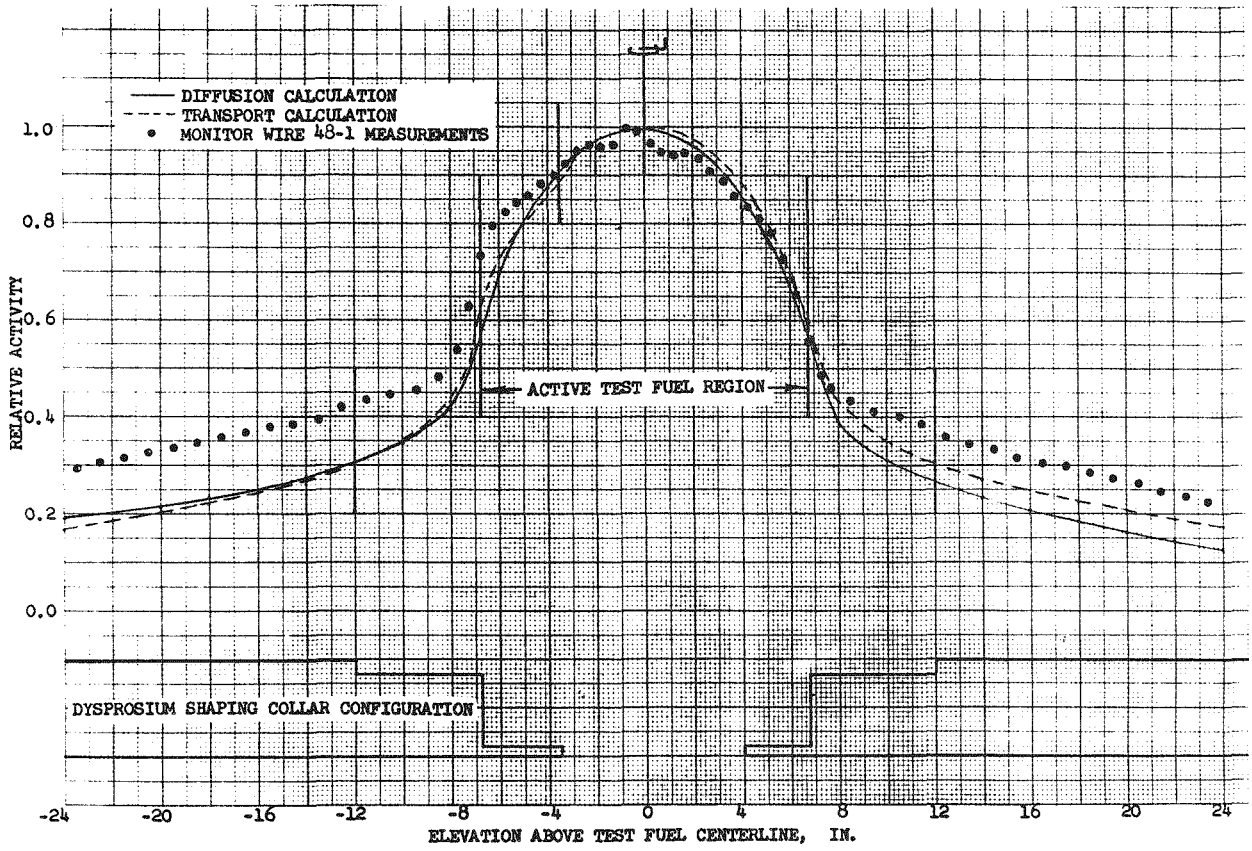


Fig. 4.2. Calculated and Measured Axial Power Profiles for Tests M2 and M3 (Low-level, Steady-state Flux Monitor Wire Irradiation)

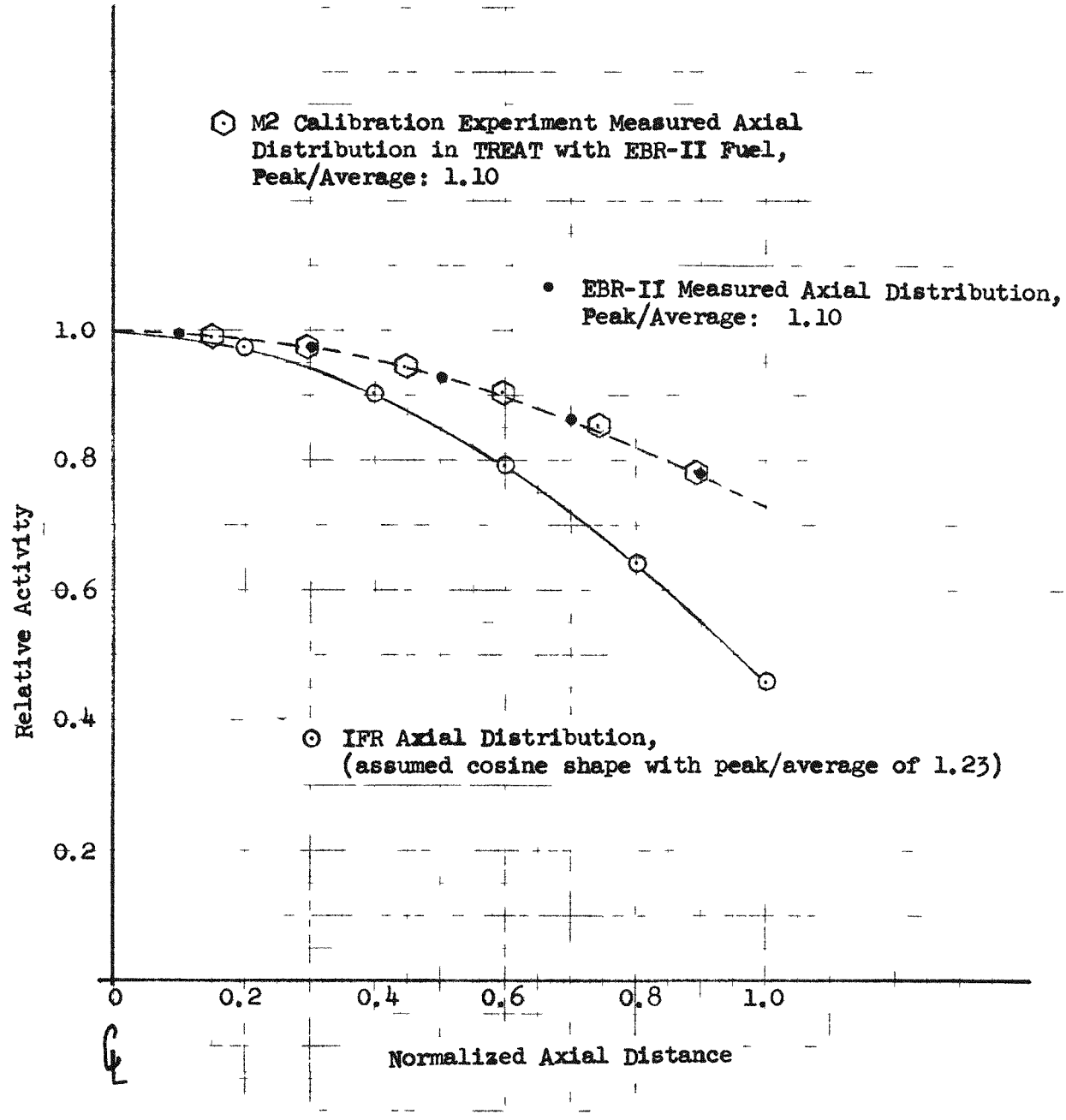


Fig. 4.3. Comparison of Measured and IFR Conceptual Axial Power Profiles

shown in Fig. 4.4. The profile is area normalized by dividing the power at any particular radius by the average pin power, where the average pin power is the total power in the pin divided by the cross sectional area of the pin. The uncertainty in the 2.9 surface-to-centerline ratio is believed to be less than 15% (Ref. 4.5). The calculated radial distribution was used in the planning and analysis of the M2 and M3 tests.

4.2 Low-level, Steady-state Power Coupling Factors

Fresh fuel pin power coupling factors were determined from radiochemical analysis of segments from three fuel pins irradiated under LLSS conditions. Three fuel segments from each of the pins were dissolved and counted for Ba^{140} -La activity to determine the absolute fissions per gram per segment. The absolute values were divided by the associated relative gamma counted fission product activity (which had been normalized to unity at the midplane of the active fuel region). Three comparable absolute values per pin were thus obtained and averaged. The value of fissions per gram of fuel for each pin was multiplied by the constant conversion factor of 27.2 pJ per fission and then divided by the TREAT energy released during the LLSS irradiation (36 MJ) to obtain units of J/g-MJ_{TREAT}.

The conversion factor, 27.2 pJ per fission, was obtained from Ref. 4.6. For fresh EBR-II Mark-II U-5Fs fuel, 168 ± 4 MeV fission was used with an additional 1.6 MeV/fission contribution from β-decay. To account for γ-heating, a value of 0.03 W/gram per MW of TREAT power was added to these LLSS power coupling factors (Ref. 4.6). The peak (midplane) fresh fuel pin LLSS power coupling factors for the M2/M3 test fuel pin array as determined in the power calibration were:

Fuel Pin Position (as shown in Fig. 2.2)	Low-level Steady-state, Fresh Fuel, Power Coupling Factors, J/g-MJ_{TREAT}
1	5.81
2	5.99
3	5.89

These three values lie within 1.5% of their average. Since the uncertainty in the measurement is not better than 1.5% the coupling factors may, in fact, be equal.

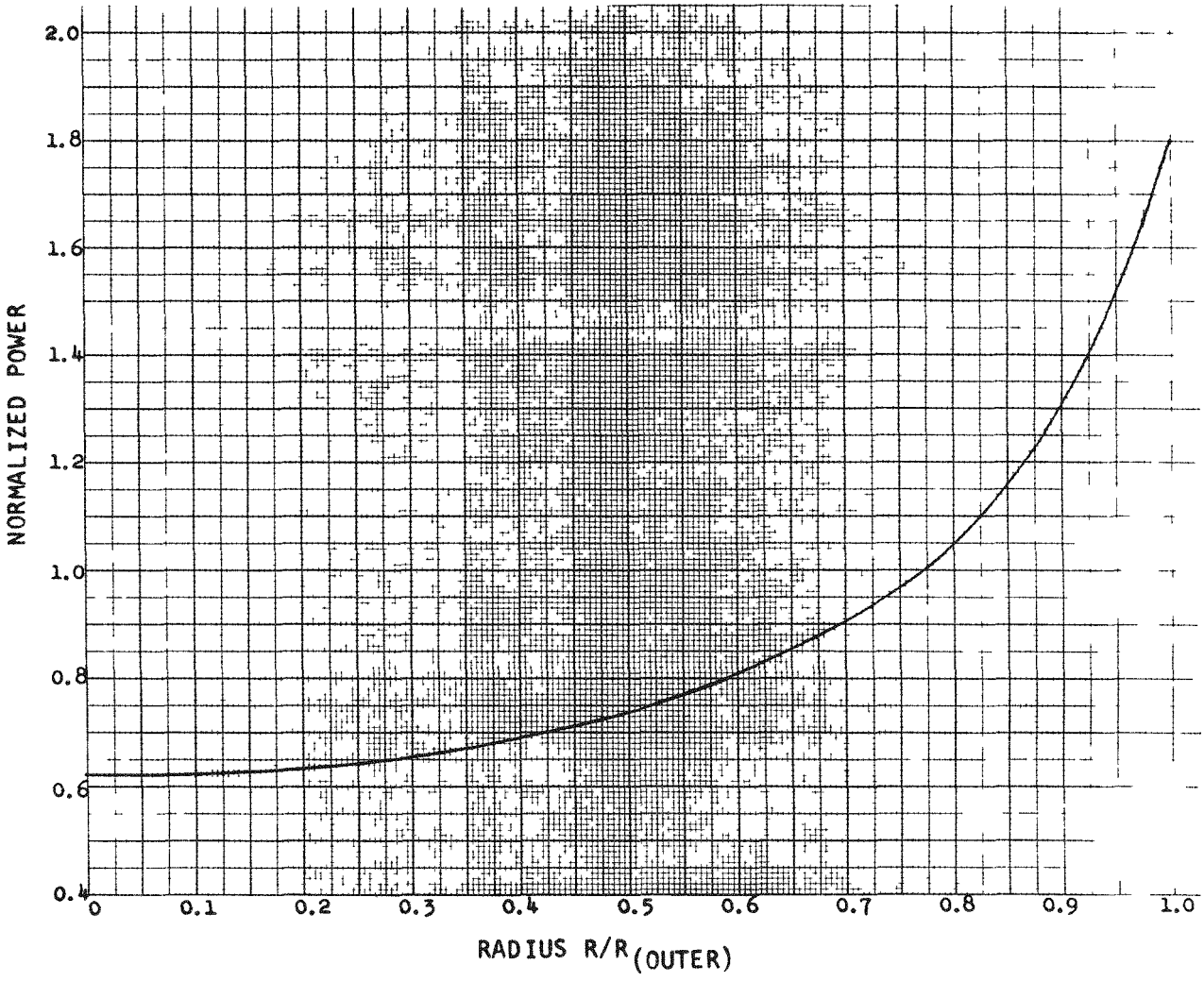


Fig. 4.4. Calculated Radial Power Profile for Tests M2 and M3 (at the axial midplane)

4.3 Transient Correction Factors

Transient correction factors (TCFs) account for the difference between the power coupling during a reactor transient relative to that measured in low-level, steady-state (LLSS) power irradiations. The average TCF ($\overline{TCF}$) of the transient is used as a multiplicative factor to correct the LLSS measured value of test-fuel power coupling to obtain the final transient-averaged power-coupling value.

To assess the TCFs, uranium-zirconium flux monitor wires were irradiated at both LLSS and transient power conditions. The TCF is defined as the ratio of monitor-wire power coupling under transient conditions to the monitor-wire power coupling under LLSS conditions. The ratio:

$$TCF = \frac{\dfrac{\text{fissions}}{(\text{g})\ (\text{MJ}_{\text{TREAT}})}\ \text{Transient conditions}}{\dfrac{\text{fissions}}{(\text{g})\ (\text{MJ}_{\text{TREAT}})}\ \text{LLSS conditions}}$$

obtained for the monitor wires is assumed to be the same as it would be for the fuel. The TCF, as defined and measured in this report, is for the peak (midplane) value of the axial distribution. Little axial dependence of the TCF has been noted in past measurements, and it does not appear to be significant in this current measurement.

Reference 4.2 contains the results of the wire analysis by the ANL/W Analytical Laboratory. The 122 cm (48 in) long wires were cut into segments. Each segment was gamma counted to obtain the relative fission product activity. The axial distribution of these relative activities was normalized to unity at the highest point in the distribution (Fig. 4.2).

The absolute number of fissions per gram were determined for three of the segments using radiochemical analysis. By dividing these absolute fissions per gram values by the associated relative fission activities, comparable absolute values were obtained. The three comparable values from any one wire agreed with each other to within 2%. The product of this average and the peak value of a smoothed curve drawn through the individual normalized relative activities described in Section 4.1 yielded a measure of the peak,

midplane absolute fissions per gram that could be compared from one wire (one transient) to another. Table 4.1 lists the average value ($\overline{TCF}$) of the TCFs during the transient.

The TCF is likely a function of the transient rod motions and varies throughout the transient. Figure 4.5 shows the locations of the rods in the TREAT core. The inner ring of rods is composed of pneumatic control rods (numbers 1, 3 and 4) and hydraulic transient rod T-1. The outer ring of rods is composed of pneumatic control rods (numbers 7, 8 and 10) and hydraulic transient rod number T-2. The length of poison material in both rod types is identical.

During the LLSS fuel and wire irradiations, all inner rods were fully withdrawn. All other rods were banked and raised together during the irradiation to maintain a constant power level. For the heat balance wire transients (transients 2577 and 2591) the inner pneumatic rods were fully withdrawn, the outer rods including T-2 were banked, and rod T-1 was withdrawn as needed during the transient to adhere to the transient specifications. Initially, in the remaining trial transients, the inner and outer pneumatic rods were fully withdrawn and rods T-1 and T-2 were as near fully inserted as possible. During these transients, rod T-2 was removed first, followed by T-1 as needed to acquire the desired energy release. The maximum amount of reactivity in the TREAT core was utilized during the full-energy trial transients (transients 2578, 2579 and 2594). To attempt to compensate for the loss of reactivity due to the full slot in the core, all available fuel locations in the core were used to obtain a maximum core loading.

Time dependence of the correction for rod-motion effects, the so-called "rod shadowing factor" (RSF), was estimated for the half-slotted TREAT core from the empirical correlation of Ref. 4.7. The M2 and M3 tests were performed in a core with a full north-south hodoscope slot, a core for which there was little previous experience. It was suspected that the previously observed dependence of power coupling on transient rod position for the half-slotted core would not remain valid for the full-slotted core. Consequently, in the full-slotted core used in the calibration experiment, a family of partial and full power transients was performed to establish a new correlation (transient 2579 to 2583). The new correlation indicated that the change in power coupling during the transient was fairly well predicted by the

HODOSCOPE LOCATION

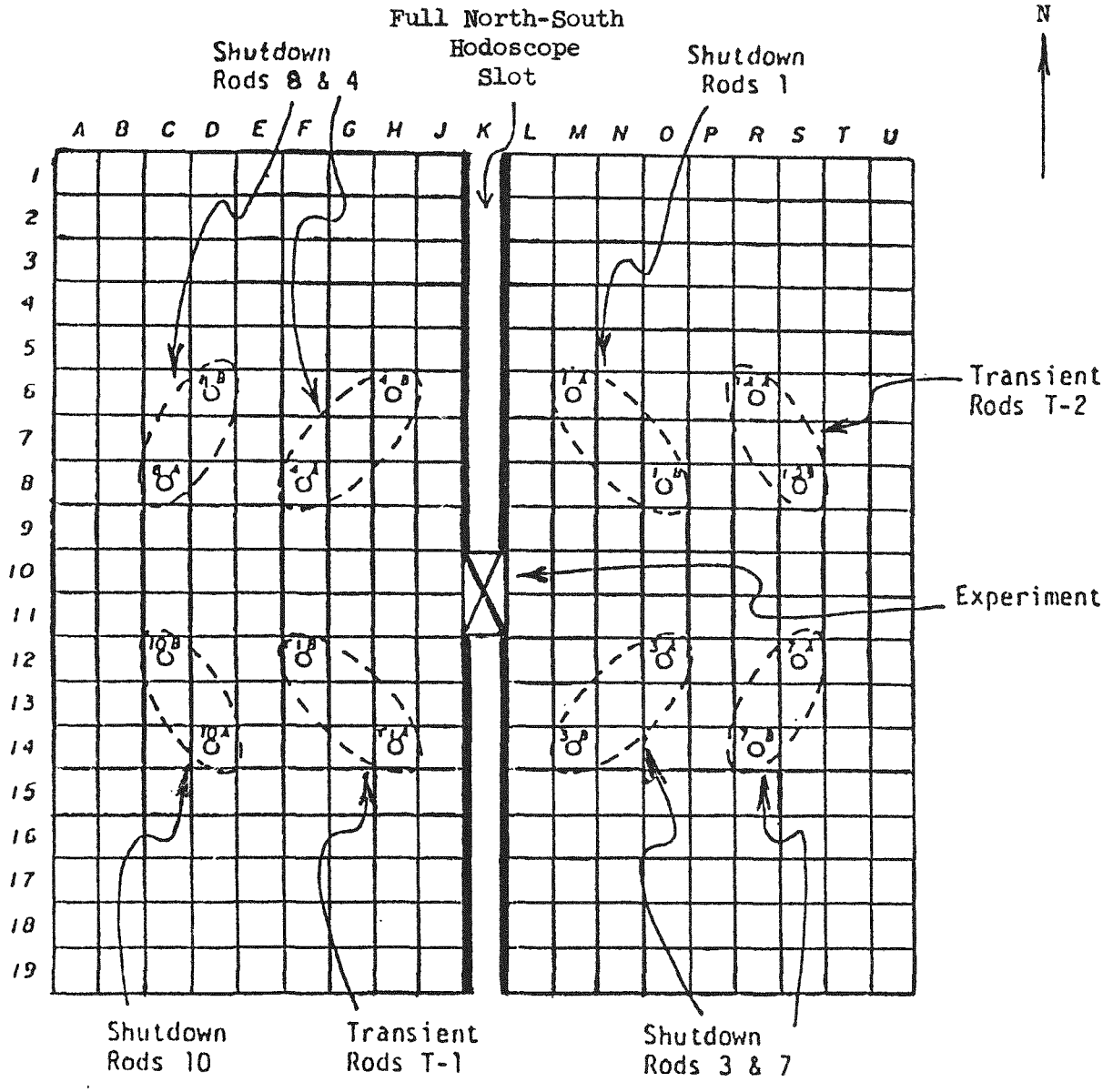


Fig. 4.5. TREAT Reactor Core - Plan View

previously obtained equations which related power coupling variation to transient rod motion, and no modification of the original equations was required (Ref. 4.5). Table 4.1 shows a slight but consistent trend for transients 2579 to and including transient 2583; as the energy release in the transient increases, the value of the TCF increases.

The wire activity distributions in transients 2579 to 2583 were further compared by means of their activities averaged over the region from -8.6 cm (3.5 in) and + 10.2 cm (4 in), in the axial region about the midplane without dysprosium collars. These average values differed from each other by a maximum of only 3%. However, in general, they show that as the energy released in the transient increases, the average axial value around the peak decreases, i.e., the peak becomes less rounded.

The transient rod motions for the M2 and M3 heat balance and final transients are shown in Appendices A and B. These rod motions were nearly identical to those in TREAT trial transients 2591 and 2597, respectively. An $\overline{TCF}$ of 0.93 (transient number 2591) is chosen for the heat balance transient rather than 0.96 (transient number 2577) since the former was performed in the exact same core as the M2 and M3 tests and is more closely related in time to the tests. Except for the exchanges of calibration vehicle with test vehicles, there were no core changes made between the M2 and M3 tests. For the same reasons, an $\overline{TCF}$ of 0.90 (transient number 2597) is chosen for the final M2 and M3 transients, with the additional basis that the rod motions of transient number 2597 came closer to duplicating the actual final transient rod motions than any of the previous trials. The RSF (Fig. 4.6), which corrects the power data for time-dependent rod-motion effects, varies from 0.90 to 1.06 during the heat balance transient and from 0.89 to 1.09 during the final transient. The RSF is energy-normalized to unity.

4.4 Effect of Fuel Burnup on Power Coupling Factors

Fuel burnup reduces the fresh fuel coupling factors. For 7 percent burnup irradiated fuel, a calculated multiplication factor of 0.96 (Ref. 4.5) should be used. Linear interpolation or extrapolation of this relationship may be used for other burnup values. The M2 and M3 test fuel ranged from near fresh fuel of 0.35 a/o burnup to approximately 8 percent burnup fuel.

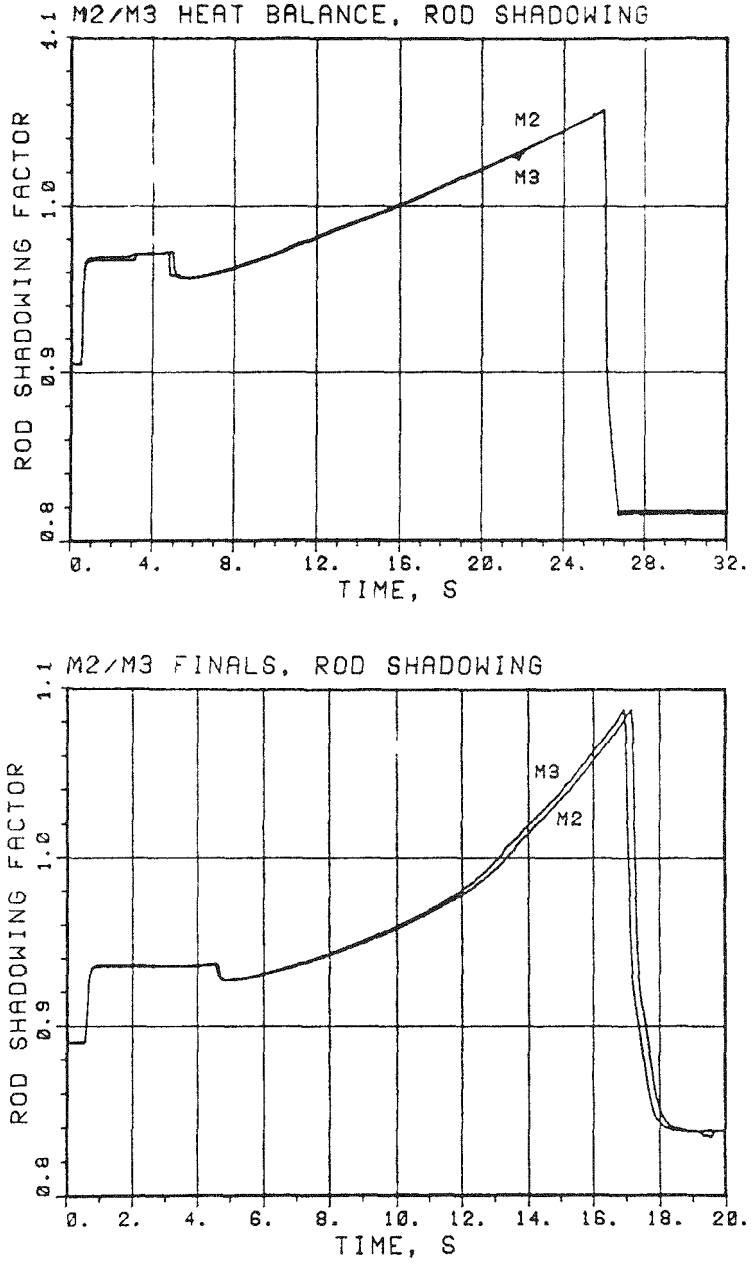


Fig. 4.6. Rod Shadowing Factors for the M2/M3 Heat Balance and Final Transients

4.5 Summary of Fuel Power Coupling Correction Factors

Fuel power coupling factors for each of the M2 and M3 fuel pins are listed in Table 4.2. The listed coupling factors include the dependence on the fuel pin position in the test array described in Section 4.2, the effect of the measured $\overline{TCF}$ of 0.93 for the M2/M3 heat balance transient and 0.90 for the M2/M3 final transient, and the calculated correction for fuel burnup. The last column of Table 4.2 shows an increase of about 1% in the final transient coupling factors, to account for the effect of excluding the low power shelf on the transient correction factor after peak power. The average value of 5.26 J/g•MJ has been used in this report for test analysis.

Table 4.2. Axial-peak (Midplane) Fuel Pin Power Coupling Factors

Location of Fuel Pin Within Test Array(a)	Fuel Burnup, a/o		Axial-peak, Fuel Pin Coupling Factors, J/g-MJ_{TREAT}		
				Final Transient	
	M2	M3	Heat Balance	Including Low-Power "Shelf"	Excluding Low-Power "Shelf"
1	0.3	0.3	5.40	5.23	5.29
2	4.4	4.4	5.46	5.28	5.34
3	7.9	7.9	5.26	5.09	5.15
	3-pin average		5.37	5.20	5.26

(a)As shown in Fig. 2.2.

5.0 HEAT BALANCE TRANSIENTS

5.1 Objectives of the Heat Balances

Each of the M2 and M3 experiments included a non-failure, steady power heat balance transient as well as a final overpower transient. The objectives of the heat balance transients were: (1) to verify the absolute power coupling factor of the fuel pins, (2) to verify the distribution of power and coolant flow among the individual pins and (3) to ascertain the proper functioning of all instruments and recording systems. Special note should be made of item (2) in this list since the combined coolant flowrate was measured during the test but not the individual flows past the three pins.

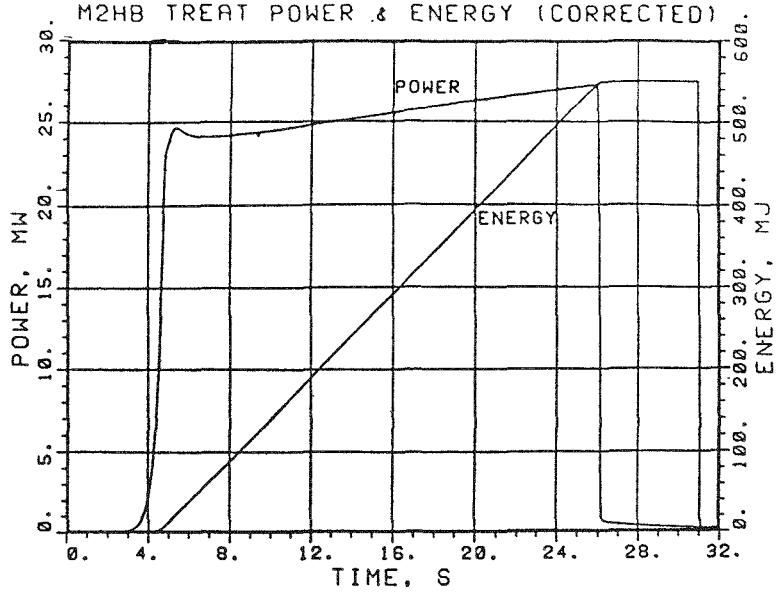
The flowrate and representative steady-state heating rate were so chosen to provide an overall sodium temperature rise along the fuel column of about 100 K. This magnitude of temperature rise is measurable with good precision without overheating the fuel pins relative to their temperature during preirradiation in EBR-II.

5.2 Summary of Heat Balance Data

The heat balance transient of the M2 test, TREAT Transient No. 2595, was performed on March 19, 1985, and that of the M3 test, TREAT Transient No. 2598, on April 10, 1985.

During the two heat balance transients, the TREAT reactor operated at near-constant power of 26 MW (recorded on Safety #1) for 21 seconds. For purposes of analysis, small corrections were made in the recorded TREAT power for zero-shifting, consistency with the energy measured on "Integrator #1" (the meter referenced in all power calibrations), and rod-shadowing effects (see Sec. 4). Figure 5.1 shows the corrected TREAT power which in both cases increased slowly from about 24 to 27 MW over the 21 seconds of powered operation. The total reactor energy release during each of the M2 and M3 heat balance transients was 550 MJ (recorded on Integrator #1). For a three-pin-average power coupling factor of 5.37 W/g-MW at the midplane (Table 4.2), the maximum power density in the fuel was 146 W/g, and the maximum linear heat rating was 22 kW/m.

During the transients, the sodium flowrates and inlet temperatures were 192 cc/s (166 g/s) and 638 K for the M2 heat balance run, and 199 cc/s (172 g/s) and 628 K for the M3 heat balance run, respectively. These



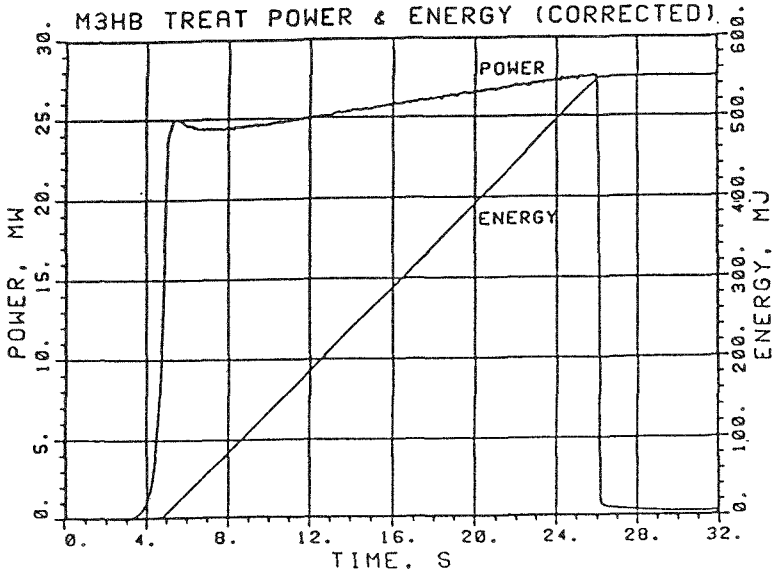


Fig. 5.1. TREAT Power and Energy (Corrected)

flowrates were nominally constant during powered operation, but the coolant temperature at the bottom of the fuel may have risen by several degrees K by the time of power shutdown. The pressure drop measured with the inlet pressure transducer PT1 and the outlet pressure transducer PT2 was 0.07 MPa in the M2 heat balance and 0.11 MPa in the M3 heat balance. The operating current of the ALIP was 11.5 amperes in the M2 heat balance and 16.2 amperes in the M3 heat balance.

Except for two thermocouples, TC26 and TC27, which were used to measure the magnet temperatures of flowmeter FM3 in the M2 test, all measuring devices as well as the readout and recording systems were apparently functioning properly.

The measured temperature rises used in analysis are shown in Figs. 5.2 and 5.3. These data were taken along individual pin flowtubes (TC's 1-17) as well as a mixed-mean outlet temperature measured by in-flow TC 18 positioned 58 cm above the test fuel.

A set of graphical data from the heat balances is provided in Appendix A with microfiche tabulation incorporated in Appendix C. All data have been digitally averaged over 50 ms intervals.

5.3 Analysis of the Heat Balance Data

Analysis of temperature rises measured during the heat balances assumes under ideal conditions that the rise in temperature of coolant that flows past a fuel pin to a particular axial height is proportional to heat generated in the fuel below that elevation and inversely proportional to the coolant flowrate. These ideal conditions neglect lateral heat loss and assume steady state conditions throughout. Because the individual flowtubes in M2 and M3 were well insulated and because the thermal relaxation time of the pin-coolant-flowtube system was very rapid, conditions during the M2 and M3 heat balances were very close to ideal. The small departures from the ideal were accounted for in the analysis by a fairly realistic transient thermal modeling with the COBRA-PI code (Ref. 5.1) including the actual geometry, actual locations of thermocouples, estimates of heat losses and heat sinks above the fuel.

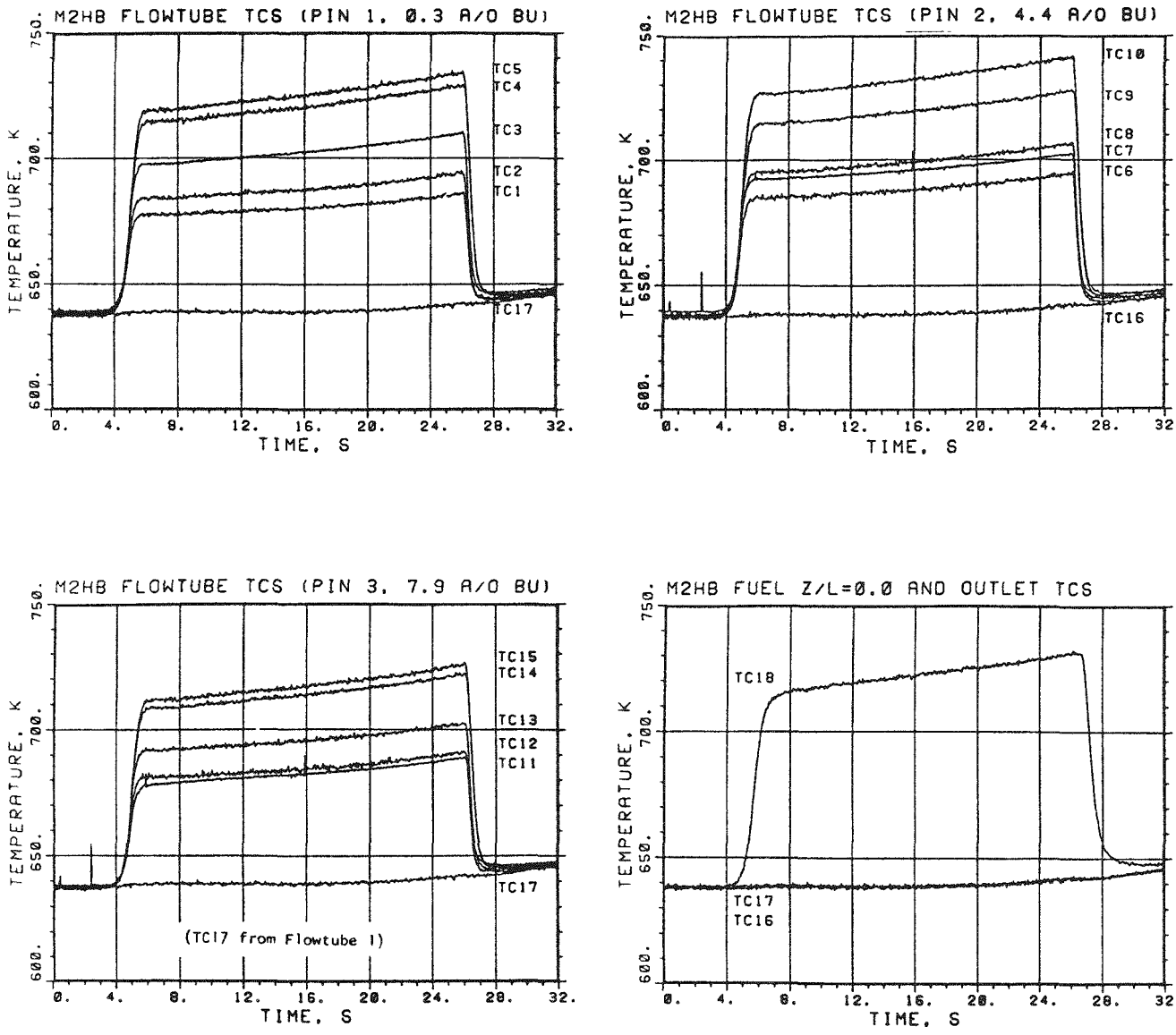


Fig. 5.2. Measured Temperatures along Flowtubes and in Sodium in M2 Test

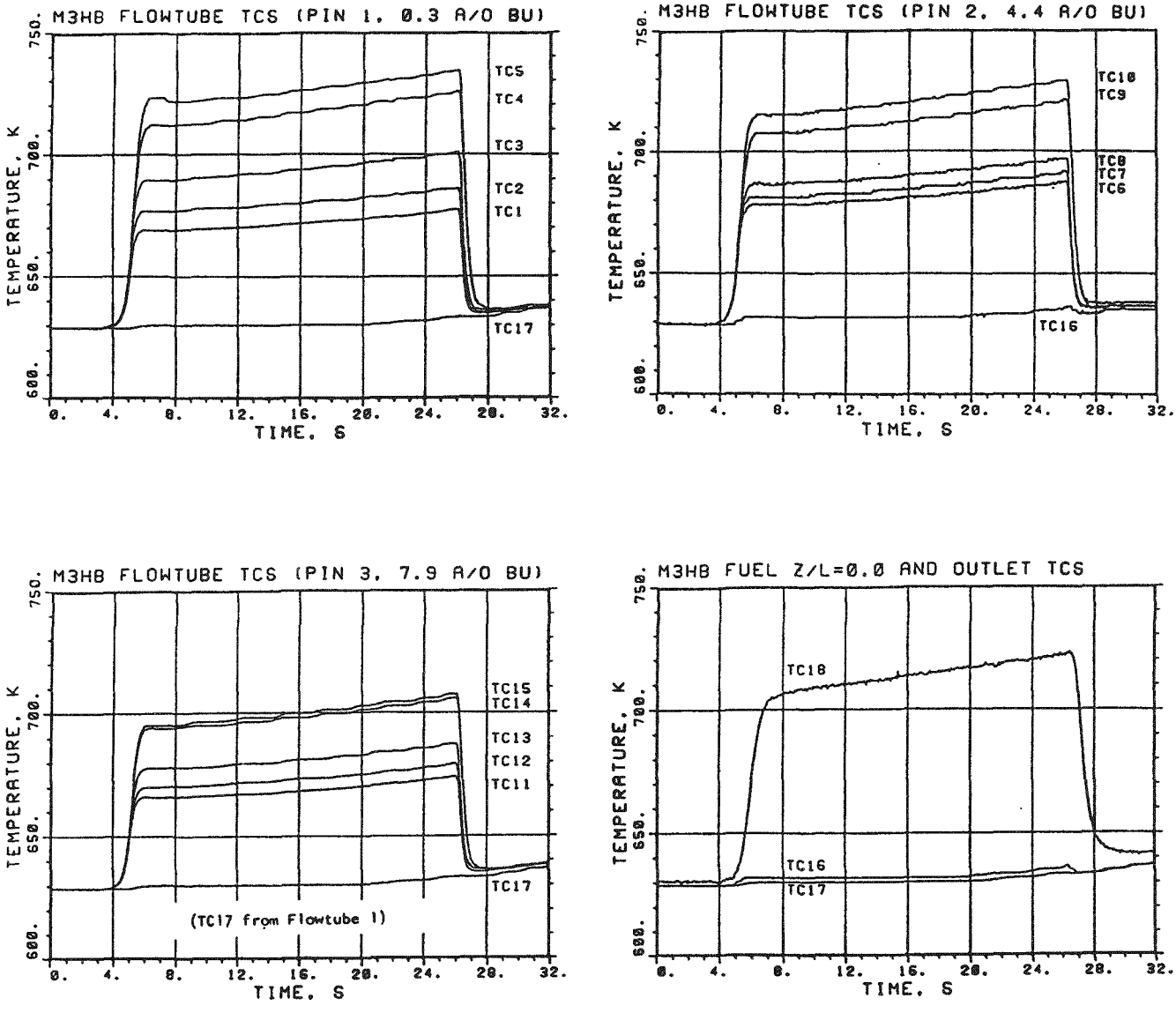


Fig. 5.3. Measured Temperatures along Flowtubes and in Sodium in M3 Test

A particular temperature rise that is very useful in verifying the average power coupling and overall coolant flowrate is the difference between the readings recorded by the in-sodium thermocouples, TC18 (outlet) and the average of TC16 and TC17 (inlet at the bottom of the active fuel column). This temperature rise is sensitive to total heat generated and total coolant flow. Agreement between calculations and measurements is good, as illustrated by the results given in Table 5.1 at a time in the heat balance shortly before power shutdown. At this time, the COBRA-PI analysis computes a temperature drop of about 4 K in the mixed mean temperature from the top of the fuel to the outlet thermocouple (TC18) location 58 cm downstream. This computed temperature drop is based principally on lateral heat losses in an axially uniform insulated pin-in-a-pipe geometry. Actual heat loss (and hence temperature drop) above the fuel could be greater than calculated as an uninsulated coolant mixing region begins 8 cm below the outlet thermocouple location. In any case, calculations differ from measurements by only a few degrees and agree to within 3%.

Table 5.1. Mixed-mean Temperature Rise at End of the Heat Balances

	Rise to Outlet (K)		Rise to Top of Fuel	
Test	Calculated	Measured	Calculated	Meas. + Calc. Drop
M2	92	89	96	93
M3	89	90	93	94

Analysis of temperature rises along the flowtubes of the individual pins turns out to be more difficult. Supporting an individual pin in a flowtube by means of a single wire wrap can induce coolant flow anomalies that greatly complicate an ideal analysis of a heat balance that uses measured temperature rises along the flowtube wall. A tightly fitting wire within a flowtube could greatly distort in a periodic fashion the amount of heated sodium making contact with a thermocouple-monitored flowtube location. Moreover, on the side opposite to the wire wrap, pin bowing out to the flowtube wall cannot be mechanically ruled out since the pin is supported on only one side.

Table 5.2 summarizes an analysis of the flowtube wall thermocouples with an eye toward verifying the distribution of power and flow among the three pins in each test. All measured temperature rises have been "converted" to a whole fuel value by estimating, and then dividing by, the fraction of pin power generated below the actual thermocouple location. Elongation and displacements of medium and high burnup fuel (of up to 1.5 cm from nominal), as measured from pretest radiographs of the test fuel, have been taken into account. The five equally-spaced axial locations correspond nominally to one complete rotation of the pin wire wrap, with the first and last nominally adjacent to the wire.

The temperature rises shown in Table 5.2 exhibit systematic as well as periodic trends with thermocouple axial location. For example, temperature rises extracted from the 0.3% burnup pin seem to increase with axial height of the thermocouple in both tests, whereas extracted rises from the 4.4% burnup pin show strong axial periodicity in both tests. A detailed explanation for this behavior is not known, but as suspected above, it is believed to be an artifact caused by the single wire wrap pin support.

For estimating the "true" temperature rise, data from the top two thermocouples seem most valid for several reasons. The higher thermocouple elevations allow the heated sodium more opportunity to become well mixed in accord with ideal heat balance assumptions. The three-pin-average temperature rise computed from thermocouples at these levels is in good agreement with both the measured and calculated mixed mean values (Table 5.1). Averaged temperature rises taken from the lower thermocouples significantly under-predict the mixed mean temperature rise. Of these top two locations, results from the second from the top (0.89 Z/L) location is assumed to give the true pin-to-pin temperature rise distribution, as the data at the very top location might suffer distortion due to the proximity of reduced density fuel. Pretest thermal-neutron radiographs of the medium- and high-burnup pins show the tops of the fuel columns to be poorly defined. The actual reduced fuel density region that spans the nominal top of the fuel column and that extends for more than a centimeter has not been quantified. As stated earlier, the temperature rise distribution is directly proportional to the distribution of the ratio of power-to-flow among the pins in each of the tests. Table 5.3 compares this measured distribution with what was expected pretest on the basis of power

calibration experiments, neutronic calculations, and pressure drop data in mock-up hardware.

In M2, good agreement (within several percent) exists between the pretest expectations and heat balance measurement. In M3, the measured relationship between the near-fresh and high-burnup pins closely agrees with expectations, but the measured relationship between the medium-burnup pin and the others is over 10% greater than expected. Since the power distribution among the three pins is relatively well known and nominally the same in both tests, the final determination of flow distribution in M3 is therefore clouded. Mechanical damage to the medium burnup pin / flowtube system in M3 causing some unexpected flow restriction must be considered a possibility.

Table 5.2 Temperature Rises Along the Flowtubes Near the End of the Heat Balances*

Nominal TC location (Z/L):			0.56	0.67	0.78	0.89	1.00
	Burnup						
M2:	0.3%	Power Below:	0.56	0.68	0.80	0.90	1.00
		Temp. Rise (K):	79	76	84	96	92
	4.4%	Power Below:	0.53	0.65	0.76	0.87	0.97
		Temp. Rise (K):	100	92	84	99	102
	7.9%	Power Below:	0.52	0.63	0.75	0.86	0.95
		Temp. Rise (K):	90	76	80	93	87
M3:	0.3%	Power Below:	0.56	0.68	0.80	0.90	1.00
		Temp. Rise (K):	80	76	85	103	102
	4.4%	Power Below:	0.53	0.65	0.76	0.87	0.97
		Temp. Rise (K):	102	92	86	101	102
	7.9%	Power Below:	0.52	0.64	0.75	0.86	0.95
		Temp. Rise (K):	83	75	75	86	79

*-- "Power Below" is the fraction of the total pin power generated below the thermocouple location.

-- "Temp. Rise" is the measured temperature rise divided by the "Power Below". Thus, all values indicate the total temperature rise along the entire fuel column as directly indicated by the thermocouples at Z/L=1.00 or as inferred from the data from thermocouples at lower elevations.

Table 5.3. Expected and Measured Power-to-Flow Ratio Distributions

	Pin (Burnup at. %)	0.3	4.4	7.9
M2:	Expected Power-to-Flow	1.00 :	1.01 :	0.97
	Measured Power-to-Flow	1.00 :	1.03 :	0.97
M3:	Expected Power-to-Flow	1.00 :	0.87 :	0.81
	Measured Power-to-Flow	1.00 :	0.98 :	0.83

6.0 FINAL OVERPOWER TRANSIENTS

6.1 Summary of the Data and Transient Conditions for Test Analysis

Figures 6.1 and 6.2 summarize key results of the M2 and M3 final transients, and Appendix B shows additional graphical data, as well as enlargements of the graphs in Figs. 6.1 and 6.2.

The final transients for tests M2 and M3, TREAT transient numbers 2596 and 2599, were performed on March 21 and April 11, 1985, respectively. At the beginning of the final transients, a constant power flattop preheat interval of about 1.4 s duration (from about 4.8 to 6.2 s into the transients) simulated the nominal IFR power of about 39 kW/m. The test fuel was then subjected to an overpower burst with an average period of about 8 s and a peak power of 3.8 times nominal.

Figures 6.1 and 6.2 show the test fuel power/energy transients were nearly identical, as planned. Corrections have been made to the power for an initial zero-offset and for rod-motion effects (see PRSF, Appendix C, Table C-1). An average fuel pin-to-reactor power coupling factor (5.26 W/g-MW_{TREAT}) has been used in the figures and is based on the results from the fresh fuel calibration experiment adjusted by calculation for individual pin burnups and increased by about 1% to exclude the effect of the low power shelf on the transient correction factor after peak power. Distribution of measured power among the pins was found to be nearly uniform with maximum differences among the pins of three percent (see below).

In test M2, flow channel orificing was intended to divide flow equally among the pins, whereas in test M3 the flow was altered from pin to pin by using different flow-channel orifices. These M3 orifices were selected to provide (a) a higher power-to-flow ratio for the near-fresh pin than in M2 to bring it closer to, or beyond, its failure threshold and (b) lower power-to-flow ratios for the medium and high burnup pins than in M2 to bring them only to incipient failure. Expectations concerning distribution of flow among the pins were based upon pressure-drop data in mock-up hardware and also determined (Table 5.3) by analysis of temperature rises recorded during the M2 and M3 heat balance transients. Comparing the flow distributions found by the two methods provides some estimate of uncertainty in the power-to-flow ratios. In M3, the two methods appear to yield significantly (13%) different results for the medium burnup pin but give close agreement for the other two pins.

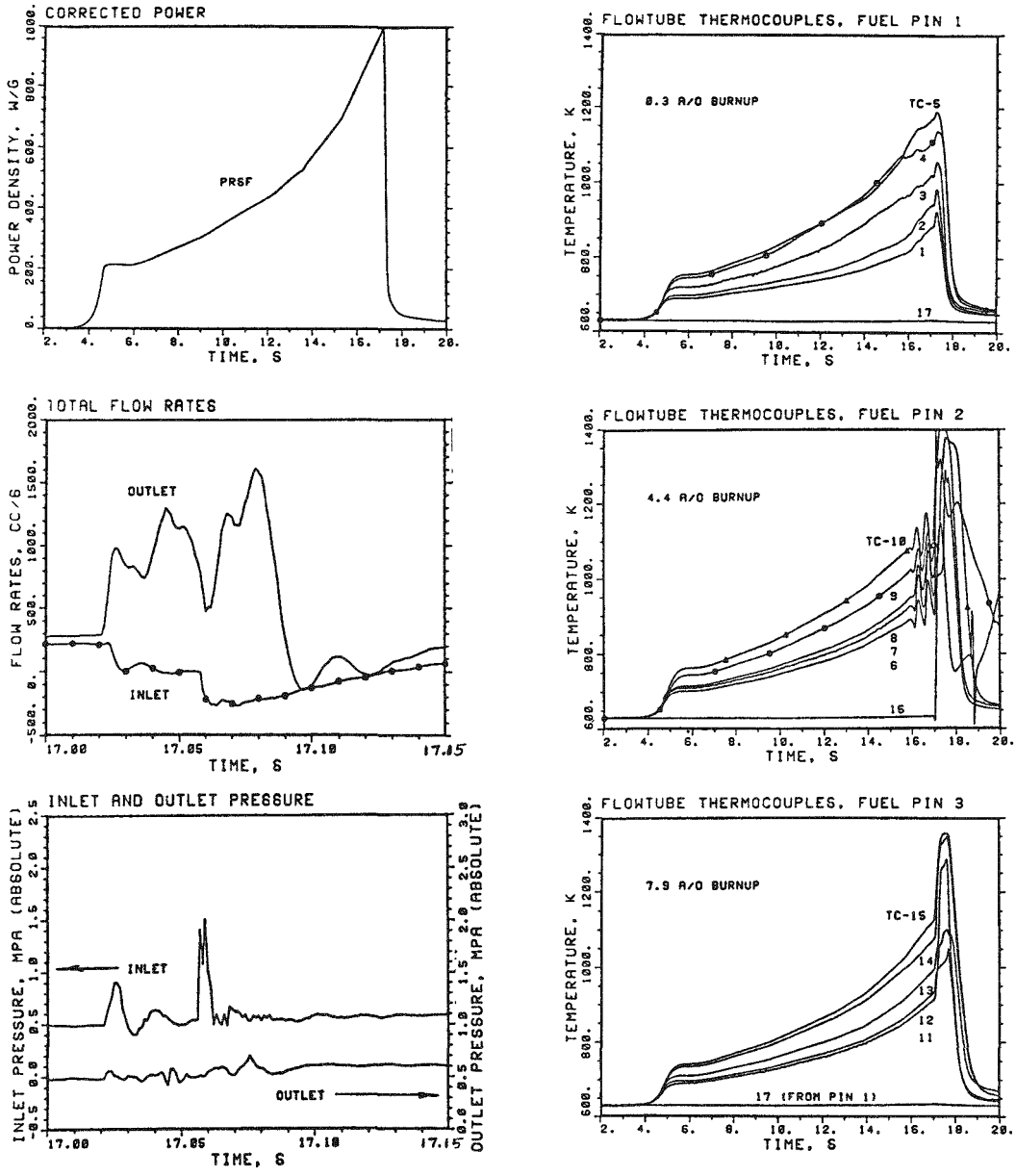


Fig. 6.1. M2 Overpower Transient, Selected Results

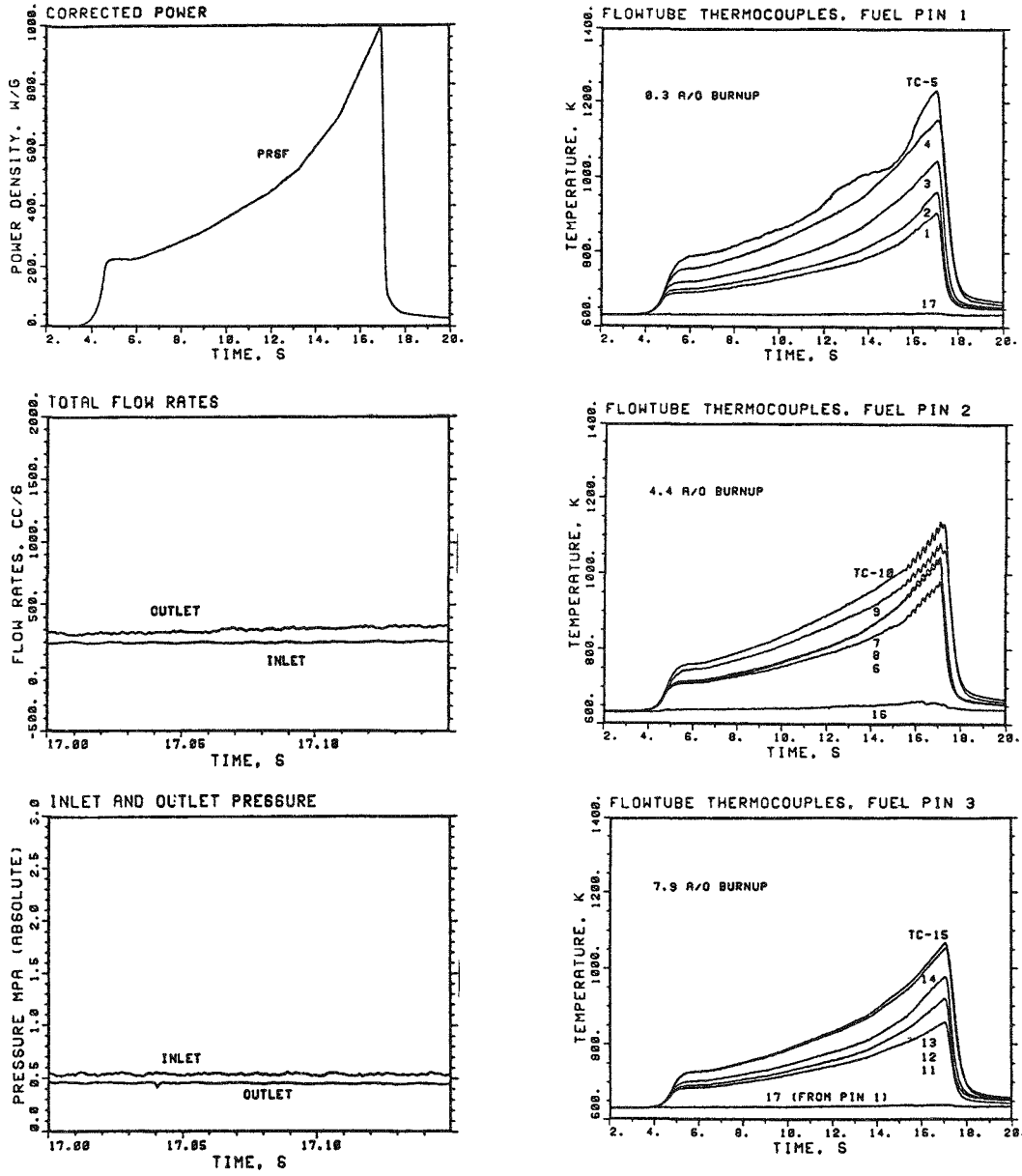


Fig. 6.2. M3 Overpower Transient, Selected Results

Table 6.1 lists the initial experimental conditions for the M2 and M3 final transients along with recommended values for use in posttest analyses. These entries, in addition to details of the final power transients, update information given in the pretest information report (Ref. 6.2). Table 6.1 includes two possible flow distributions for tests M2 and M3 as well as updated estimates of test pin plenum pressure. Analysis of pretest radiographs of the test pins revealed a pin-to-pin variation in the gas plenum volume. These measured volumes were then used as a basis for calculating plenum pressures specific to the actual test pins, in lieu of the general range of pressures quoted in Ref. 6.2.

The M2 test data show that the near-fresh pin remained intact and the medium- and high-burnup pins failed. The first failure is noted at 17.025 s into the transient by a sharp decrease in the inlet sodium flow rate extending to flow reversal. A second failure in M2 is inferred from another sharp decrease in inlet flow rate at 17.05 s. The inlet pressure transducer registered a peak pressure spike of about 250 psia (1.7 MPa) at about 17.06 s into the transient. (There were no pressure perturbations prior to cladding breach.)

Sharp increases in temperature occur soon after the two failures (Figs. 6.3, B16 and B19). Perturbations in the thermocouples along the medium- and high-burnup pins (pins 2 and 3) are first detected at 17.023 s (TC-10 Z/L = 1.0 on pin 2) and at 17.056 s (TC-15 Z/L = 1.0 on pin 3.) These times correlate well with the onset of pressure rises and with the indication of rapid fuel dispersal as shown by the hodoscope measurements.

The thermocouple-indicated perturbations on both flowtubes propagate rapidly downward reaching the midplane of the fuel column from 5 to 30 ms later. These data give the only experimental information regarding axial location and progression of cladding failures in the M2 test.

In test M3, on the other hand, there were no sudden pressure, flow, or temperature changes in the data that would suggest pin failure. Posttest analysis of the loop plenum gas confirmed that none of the pins had failed.

Test instrumentation in both tests performed very well with the following possible exceptions: 1) the behavior of TC-16 (Z/L = nominally 0.0 on the flowtube of pin 2) is regarded as suspect during the M3 test, and 2)

Table 6.1. Initial Experimental Conditions

Parameter	Test M2			Test M3		
Pre-failure total sodium flow rate, cc/s	195			207		
Inlet sodium temperature, K	629			632		
Average fuel pin power coupling factor, W/g-MW_{TREAT} (for analysis purposes, at the axial midplane)	5.26			5.26		
Output of test loop pressure transducers, MPa	0			0		
Test loop plenum pressure, MPa (absolute)	0.405			0.405		
Fuel pins as shown in Figure 2.2	Pin 1	Pin 2	Pin 3	Pin 1	Pin 2	Pin 3
Fuel pin burnup, a/o	0.3	4.4	7.9	0.3	4.4	7.9
Fuel pin power coupling factors, W/g-MW_{TREAT}	5.29	5.34	5.15	5.29	5.34	5.15
Fuel pin gas plenum volume, cm^3 [a]	2.34	1.71	1.47	2.34	1.77	1.17
Nominal gas plenum pressure $MPa_{293\ K}$ [b]	0.1	2.2 ±0.5	4.4 ±0.5	0.1	2.2 ±0.5	4.4 ±0.5
Calculated gas plenum pressure, $MPa_{293\ K}$ [c]	0.1	1.7	4.6	0.1	1.6	5.7
Flowtube orifice diameter, in	0.200	0.200	0.200	0.150	0.200	none
Power, relative distribution [d]	1.00	1.01	0.97	1.00	1.01	0.97
Flow (pretest calculations) [d]	1.00	1.0	1.0	1.00	1.16	1.20
Flow (heat balance), relative distribution among all pins in both tests [e]	1.00	1.03	0.97	1.01	0.99	0.84
Power/Flow (heat balance), percentage of similar burnup pin in M2	--	--	--	101	96	87

(a) Void length above in-pin sodium level as measured on neutron radiographs of the fuel pins (times cross-sectional area).

(b) Reference 6.1

(c) Based on individual pin plenum volumes.

(d) Normalized to Pin 1 in each test.

(e) Normalized to Pin 1 in test M2.

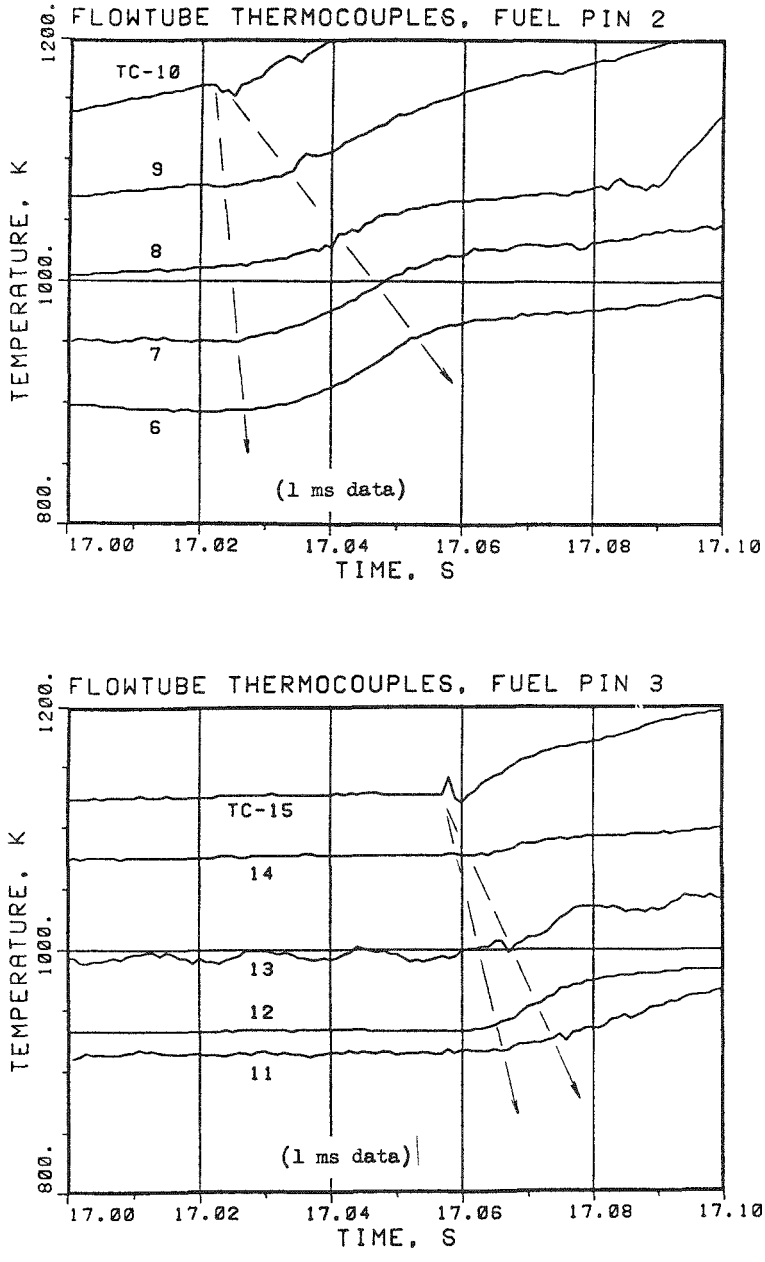


Fig. 6.3. Thermocouple Indications of Time and Progression of Fuel Pin Failures during the M2 Test

TC-26 and TC-27 on the flowmeter magnet of FM-3 were inoperative during the M2 test.

In the M2 transient, the power was shut down immediately upon first indication of failure to limit postfailure fuel pin damage. The means of indicating failure was selected to be a sudden decrease in the total inlet flow rate (17.025 s) exceeding a pre-selected magnitude. The decrease in flow triggered the "scram signal generator" (SSG) to terminate the overpower portion of the transient. The M2 transient reached a peak power of 191 MW at 17.169 s. The M3 transient was programmed to be identical to the actual M2 transient and had a measured peak power of 190 MW.

In each test, prefailure inlet and outlet volumetric flow rates differ slightly during the transient because the sodium temperature becomes higher; hence the density becomes lower at the outlet than at the inlet. (An additional, minor effect is due to the time-dependence of the average sodium density between the inlet and outlet.) The flowmeter at the top of the pump leg (FM-3) has been used to express the inlet flow rate throughout the report since the response from the other inlet flowmeter (FM-1) is essentially the same.

In both M2 and M3, as in PFR/TREAT Test L07 (Ref. 6.3), a low-power "shelf" was included immediately following the power burst. To establish the shelf, transient rod pairs T-1 and T-2 were driven back into the reactor at their maximum rates of insertion while the inner and outer pneumatic rods remained banked. The shelf was terminated with an all-rod shutdown after a 15 s preset time interval which commenced with the initial insertions of T-1 and T-2. The purpose of the shelf was to provide for adequate hodoscope signal strength during the fuel-dispersal phase of the transient. Total TREAT energy released during M2 and M3 was approximately 1135 MJ.

6.2 Thermal-Hydraulic Analysis of the Overpower Transients

Posttest thermal-hydraulic analyses of M2 and M3 comparing measured and calculated temperatures have been carried out using COBRA-PI. Principally, the purpose of this comparison is (as in the heat balances) to validate the deduced powers and flows given in Table 6.1. Additionally, the comparison serves to validate the more detailed modeling employed in predicting system time response during overpower transient conditions. These calculations employ fixed geometry and are useful only prior to any significant fuel

relocation or cladding failure. Principal results of the thermal analysis related to fuel thermal performance in the fuel failure time domain are essentially unchanged from pretest expectations [Ref 6.1] and will be updated in Section 6.3.

Figures 6.4 and 6.5 show the results of the temperature comparison for M2 and M3. Calculations and measurements are compared for the in-sodium outlet thermocouple, giving a mixed mean temperature rise, in addition to the flowtube wall thermocouples, measuring temperature rises associated with each pin. Calculated results, indicated by symbols, assume a flow distribution among pins as deduced from analysis of the heat balances (Tables 5.3 and 6.1).

In the case of the mixed mean outlet temperature, good agreement between measurements and calculations is found prior to cladding failures in M2 and throughout the transient in M3, thus verifying overall thermal modeling of the experiments. In both cases, calculated outlet temperature is slightly higher than measurements, but the time-dependence in both tests is well predicted. As in the heat balance analysis (Section 5.3), account was made of heat losses as well as cladding and structural heat capacities in the unheated region between the fuel top and outlet. The correct prediction of computed outlet temperature rise and fall implies some success in modeling these effects, as the computed outlet temperature includes strongly time-dependent temperature drops of order 60 K from the fuel top to the outlet. However, as also discussed in Section 5.3, a more realistic modeling of structure immediately below the outlet thermocouple could lead to a larger temperature drop than indicated by present analysis.

As was also found during the analysis of the heat balances, analysis of temperature rises along the flowtubes of individual pins turns out to be more difficult. In the initial phases of the overpower transient, the array of temperature rises measured on each flowtube form a pattern similar to what was observed in the heat balances, with the top two thermocouple measurements agreeing best with calculations and measurements from lower-down thermocouples tending to fall below calculations. The comparison thus provides a qualified validation of the assumed power and flow distribution. As discussed in Section 5.3, the patterning could be an artifact caused by single wire wrap pin support.

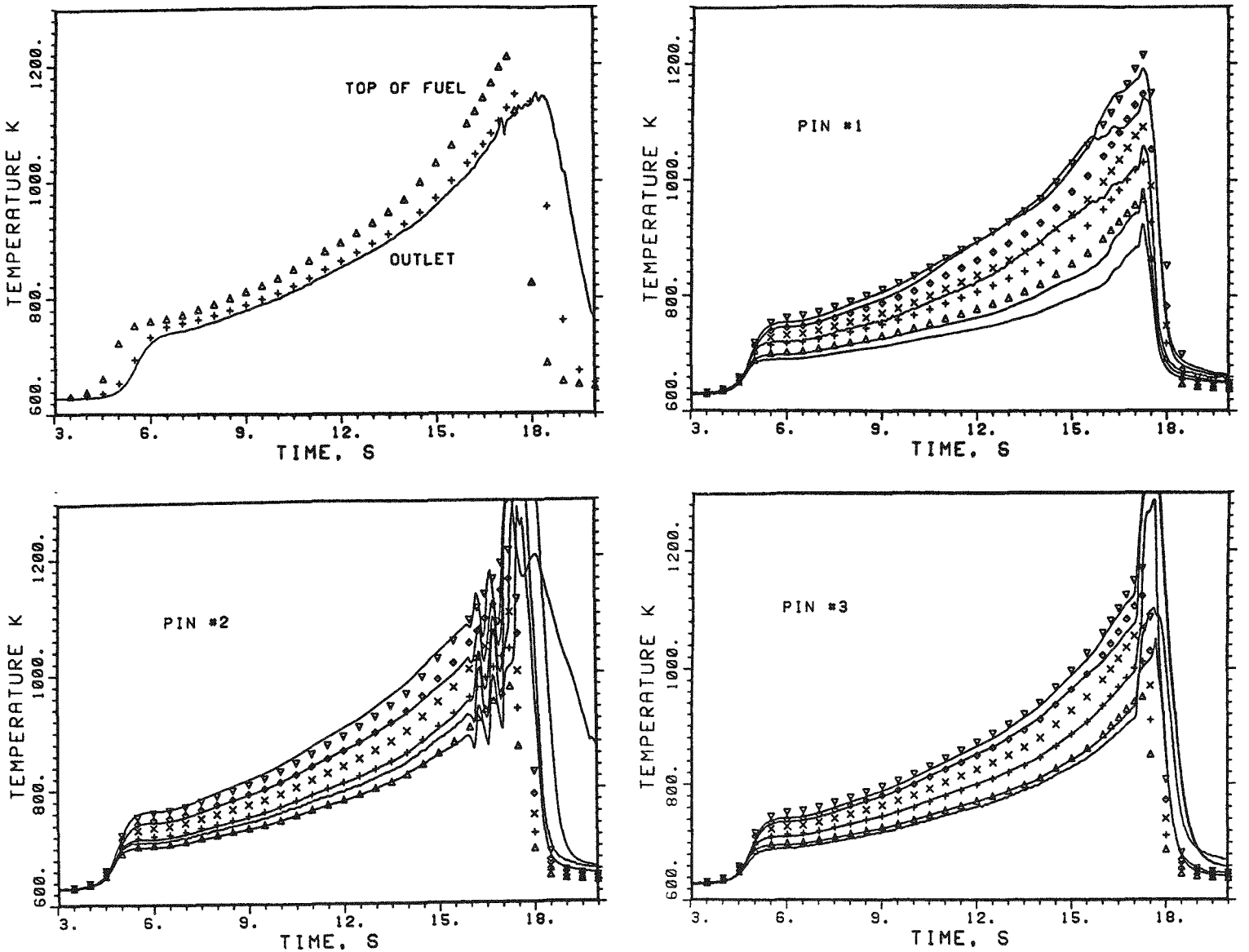


Fig. 6.4. Measured and Calculated Temperatures in M2

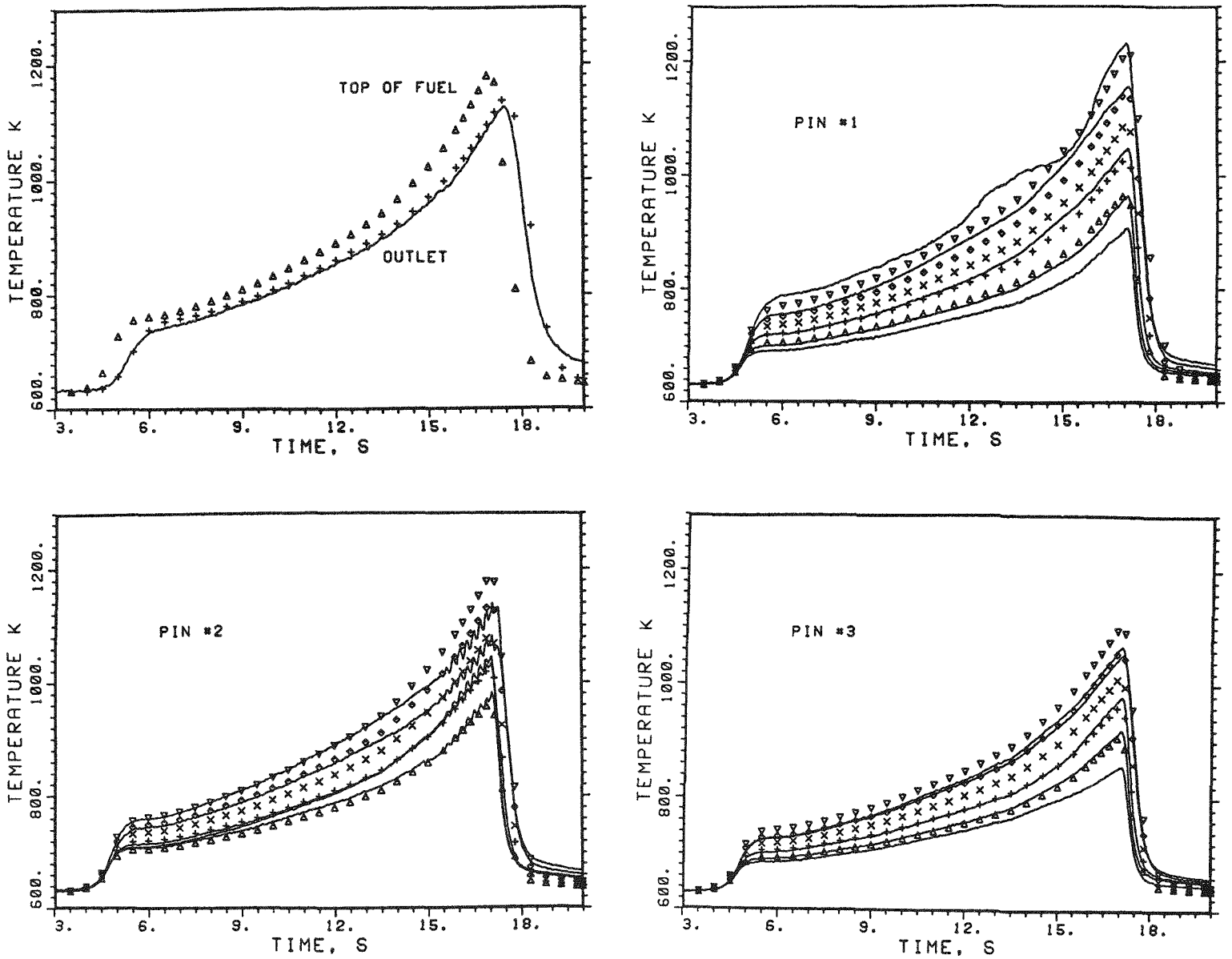


Fig. 6.5. Measured and Calculated Temperatures in M3

Toward the end of the overpower transient but prior to any cladding failures, changes of pattern are observed. In the medium-burnup pin (number 2), oscillations (large in M2 and weaker in M3) correlate with mean trends of the top two thermocouples to fall significantly below calculations. In the near-fresh pin (number 1), the top two thermocouples tend to wander from the pattern set at the beginning of the transient relative to calculations, with peak measured temperatures below calculations in M2 and above in M3. It is not presently known whether this behavior is a further artifact of the single wire wrap pin mounting brought on by increased stresses from the overpower transient or, as suggested by SAS/PINACLE analyses (Section 6.3), a manifestation of upward in-pin fuel relocation. If the temperature rises along individual flowtubes were analyzed late in the final transients with the same technique as was used in the heat balance to infer the distribution of power-to-flow ratio among the pins in each test, results would differ considerably (of order 10%) from distributions reported in Table 5.3. However, by the time these deviations manifest themselves the method used to analyze the heat balance, which assumed fixed geometry, is probably no longer valid.

Apart from the patterns noted above, the time-dependence of the measured temperatures are well predicted by the calculations. This includes both the time period of power rise and the shutdown time period in the cases of pins that did not fail.

6.3 Calculated Fuel Performance

Analysis of the fuel performance in M2 and M3 reported here closely follows the techniques described in Ref. 6.2, and relies on the same two computer codes, COBRA-PI and SAS4A, along with specially prepared modules to evaluate the performance of metal fuel. In general COBRA-PI models the experiment hardware to a level of detail not allowed in SAS4A, but SAS4A includes far more extensive capability in calculating motions of fuel and other materials. M2 and M3 use very simple pin and flowtube geometry and explore only the threshold of cladding failure; both codes should provide a good description of fuel performance in the tests. Some additional analysis capability has been added in the area of fuel relocation since Ref. 6.2 was issued. Recent improvements have been added in initiating in-pin molten fuel motion computed by PINACLE [Ref. 6.4], and sodium bond boiling has been included within the extrusion and penetration module (EXP) associated with COBRA-PI.

6.3.1 Cladding Failure

While the cladding of metallic fuel under accident conditions should respond to temperature and stress transients in ways similar to well-studied oxide fuel cladding, failure in metal fuel is augmented by a low temperature eutectic that penetrates and, effectively, thins the cladding. Analysis in this report uses a rather simple correlation for cladding melt rate that depends only on the temperature of the fuel-cladding interface [Ref. 6.5]. Essentially, within the time frame of hypothetical accident transients (10's of seconds), cladding meltthrough by formation of a low-melting-point composition proceeds very slowly until a fuel-cladding contact temperature of about 1350 K is achieved, when high melt rates of up to 1 mm per second are likely. (With melt rates of this magnitude, cladding would completely melt through in less than 1 s without regard to any details of a failure model.) In calculations, time-to-failure is then estimated using a plastic strain to rupture criterion developed in the UK for 316-SS and successfully used for failure analysis in recent TREAT tests of oxide fuel. All calculations assume the cladding is under hydrostatic loading from a time-dependent plenum pressure and employ stresses appropriate to thinned cladding.

6.3.2 Fuel Relocation

Fuel swelling and axial extrusion calculated by COBRA-PI and the pre-PINACLE part of SAS4A make use of a simple gas bubble expansion-to-equilibrium model developed in Ref 6.6. The basic idea is that all fission gas retained by fuel is to be found within individual bubbles which are in equilibrium with the pressure in the pin gas plenum. Fuel swelling data indicates a bubble size of about 0.1 micron radius under normal, steady state reactor operating conditions. The gas pressure in these small bubbles can be quite large when surface tension pressure (about 20 MPa) is added to the pin gas plenum pressure exerted on the bubble. Transient swelling is calculated by adjusting gas bubble size in accord with changing fuel temperature and gas plenum pressure while maintaining mechanical equilibrium. The number and gas content of individual bubbles are assumed fixed. Neither bubble coalescence (which would augment swelling) nor gas release (which would reduce swelling) is included in this picture. An attempt has been made to apply this expansion-to-equilibrium swelling concept as realistically as possible, limiting swelling rates to be consistent with measured secondary creep rates and taking account of swelling into available open porosity.

A more dynamical calculation of in-pin relocation of molten fuel is found in the new PINACLE module that is run within SAS4A. As reported pretest, this model allows fuel movement from a central molten cavity in the pin when the boundary of the cavity reaches the upper fission gas plenum. The rate of relocation calculated by PINACLE is typically higher than that using the "expansion-to-equilibrium" model described above for several reasons. In PINACLE, liquid fuel motion is driven by the pressure in the central cavity, where the temperature is higher than the average value used in the solid fuel extrusion model. Additionally, the "availability" of existing fission gas entrapped in molten fuel to expand increases with time in PINACLE without the limits to the expansion of entrapped fission gas imposed by surface tension in the expansion-to-equilibrium model. The initiation of upward molten fuel relocation occurs in the PINACLE model at the time when the molten fuel cavity reaches the top of the fuel pin, thus opening an escape path for the pressurized molten fuel in the pin cavity. In current analyses it is assumed that the ejection of the molten fuel into the upper plenum can only start when the temperature of the fuel pin top surface reaches the solidus temperature.

A calculation of in-pin fuel relocation due to boiling of the sodium bond has been added to the EXP module, which uses fuel and coolant temperatures calculated in the COBRA-PI thermal hydraulic analysis. The fundamental assumption is that when the fuel melts a small amount of liquid sodium remains mixed in. Whenever the temperature of a node of molten fuel is computed to exceed the sodium vaporization temperature at the pressure of the pin plenum the excess heat is used to produce sodium vapor, which causes the fuel to swell. The amount of swelling is calculated on an expansion-to-equilibrium basis and is very insensitive to the amount of sodium contained within the fuel. Because of the large volume change upon vaporization, very little liquid sodium is required to produce large amounts of swelling. In an intact pin the swelling is also self-limiting, provided that any swelling leads to pressure increases in the pin plenum. In M2 and M3 prefailure sodium boiling would only be anticipated in the near-fresh pin where the computed sodium vaporization temperature is near the fuel liquidus. In the medium and high burnup pins the pre-failure vaporization temperature is much higher than any reasonably anticipated fuel temperature. After cladding failure, when pin pressures are reduced to channel ambient, boiling of the sodium bond could play a role in all pin types, with fuel dispersal limited only by thermal considerations.

6.3.3 Results and Discussion

Computed results concerning cladding failure and fuel performance from SAS4A and COBRA-PI and associated modules, supplementing pretest expectations, are summarized in Table 6.2. These posttest calculations use the same modeling and input data described pretest, updated in accord with the above discussion and posttest information from Table 6.1. Nominal computations assume a flowrate distribution among pins as measured in the heat balance and pin plenum pressures calculated on the basis of measured plenum volumes. Pin failure is inferred at a computed plastic strain of 1% in the cladding. "Margin to Failure" is defined in a way most relevant to slow period overpower transients as the amount by which the power-to-flow ratio must be increased in the calculation in order to compute failure at peak power. "Axial Extrusion" is the maximum, total change of length from the beginning of the test prior to cladding failure. As discussed above, PINACLE results are included under "SAS", and sodium bond boiling results are included under "COBRA". Where extrusion is sudden, the timing is so noted under "Gross Relocation Initiation Time". Experimental results are taken from hodoscope results to be presented in Fig. 7.1 in the next section.

Computed cladding failures in these tests are all at the top of the fuel, where in slow transients, mid-clad and fuel-cladding interface temperatures maximize. As reported pretest, failure in the near-fresh pin is computed only after cladding is melted nearly completely through; failure in the medium burnup pin occurs, accelerated by plenum pressure, after about half the cladding is melted; and failure is computed in the high burnup pin, principally on the basis of high plenum pressure, before extensive melting of the cladding takes place.

All nominal calculational results shown in Table 6.2 fall slightly short of computing failure in all cases, including the medium and high burnup pins in M2 where failure did indeed occur. (Calculations do come closest to failure in the pins where failure did occur). When uncertainties are assessed, agreement between measurements and calculations can probably be considered satisfactory. An uncertainty of about 5% is reasonably assumed in the power-to-flow ratio of any individual pin. In the near-fresh and medium burnup pins, computed margin to failure is very sensitive to the computed

Table 6.2. Summary of Calculated M2 and M3 Test Fuel Performance

	M2		
Pin Type (Burnup)	0.3 at.%	4.4 at.%	7.9 at.%
Onset of Fuel Melting (s)	15.5 (SAS) 16.0 (COB)	14.5 (SAS) 14.9 (COB)	14.5 (SAS) 15.3 (COB)
Margin to Failure at Peak Power (%)	9 (SAS) 9 (COB)	6 (SAS) 5 (COB)	7 (SAS) 3 (COB)
Axial Extrusion (mm)	47 (SAS) 97 (COB) 45-69 (meas)	35 (SAS) 16 (COB) 45-63 (meas)	17 (SAS) 10 (COB) 8-12 (meas)
Gross Relocation Initiation Time (s)	16.1 (SAS) 16.8 (COB) 16.1 (meas)	16.1 (SAS) -- (COB) 16.0 (meas)	16.4 (SAS) -- (COB) -- (meas)

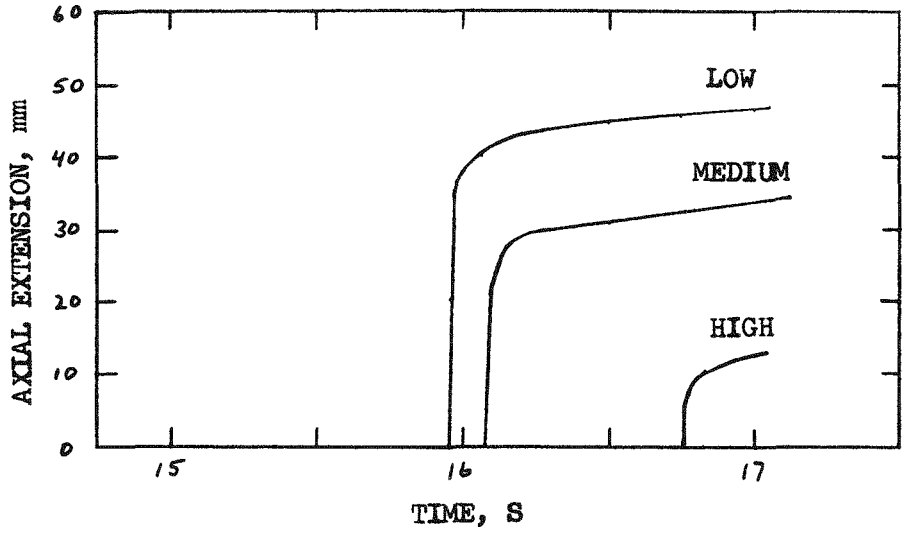
(note that in M2 hodoscope signals from the 0.3 and 4.4 at.% pins are not completely separable- see Section 7)

	M3		
Pin Type (Burnup)	0.3 at.%	4.4 at.%	7.9 at.%
Onset of Fuel Melting (s)	15.5 (SAS) 15.7 (COB)	14.1 (SAS) 14.9 (COB)	15.5 (SAS) 15.6 (COB)
Margin to Failure at Peak Power (%)	9 (SAS) 8 (COB)	12 (SAS) 10 (COB)	11 (SAS) 6 (COB)
Axial Extrusion (mm)	47 (SAS) 102 (COB) 58-67 (meas)	34 (SAS) 16 (COB) 8-19 (meas)	13 (SAS) 7 (COB) 7-19 (meas)
Gross Relocation Initiation Time (s)	15.9 (SAS) 16.5 (COB) 16.1 (meas)	16.1 (SAS) -- (COB) 15.8 (meas)	16.7 (SAS) -- (COB) -- (meas)

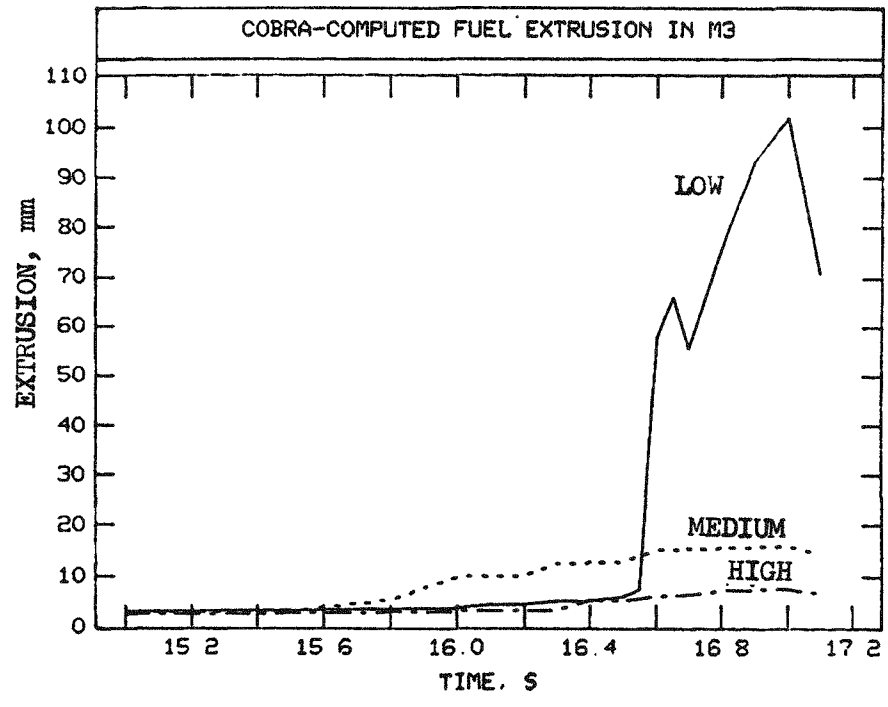
fuel-cladding contact temperature near the very top of the fuel, which is subject to a variety of "end effects". End effects are both numerical, involving extrapolation from the center to the end of a node, and physical, involving determination of an uncertain neutronic power density and bond sodium cooling near an edge. Taking account of only the numerical end effect in the current calculations could easily decrease the computed margin to failure in these pins by about 3-4%. In the high burnup pins, computed margin to failure is most sensitive to plenum pressure, whereby a 10% increase in pressure decreases computed margin to failure by about 2-3%. It is this pressure-dependence that causes computed margin to failure of the high-burnup pin in M3 to be only 3 or 4% greater than that in M2, despite a 13% decrease in power-to-flow ratio. If the relative margin to failure between failed and intact pins are considered, then it could be concluded on the basis of nominal computations shown in Table 6.2 that all of the pins tested could have been as close as 5% to failure.

Turning to fuel relocation results shown in Table 6.2, the variety of calculated results making use of both entrapped fission gas and sodium vapor seem to "bracket" results seen in the experiments. SAS/PINACLE calculations show gross fuel ejection into the upper plenum occurring at about 16 s for the medium and low burnup pins in both M2 and M3, in fair agreement with the observed results in both timing and magnitude. COBRA/EXP calculations involve results of sodium bond boiling in the near-fresh pin, and relative to the experimental data, relocate fuel later and overestimate the expansion (extrusion). In the medium and high burnup pins, COBRA/EXP results for fuel expansion are from the basic fission gas expansion model only and are in fair agreement with experiment. With SAS/PINACLE, fuel relocation in the high-burnup pin is calculated to occur later, where the experiments did not record significant fuel relocation prior to pin failure in M2 and very little fuel relocation in M3. All models and data point toward an inverse relationship between the amount of pre-failure fuel relocation and pin plenum pressure, with the largest fuel relocation in the fresh pin and the smallest in the high-burnup pin.

Selected results of the SAS/PINACLE and COBRA/EXP analysis are shown in Fig. 6.6. This figure illustrates the time dependence of certain computed results shown in Table 6.2.



(a)



(b)

Fig. 6.6. Axial Fuel Extrusion in M3 Computed: (a) by PINACLE, (b) by COBRA/EXP

Temperatures calculated with SAS/PINACLE take account of fuel relocation. Figure 6.7 shows the computed temperature response of the flow tube outer surface at the original top of the fuel height for the low-burnup pin in M2. The deviation from the trend shown in the Fig. 6.4 fixed geometry calculations is the effect of computed fuel motion. It is interesting to note that thermal data at several axial locations show similar signatures, and may reflect the timing of the liquid fuel motion initiation in experiments. The magnitude of the effect could reflect the quantity of fuel moved above the thermocouple location and thus will be smaller in the medium- and high-burnup pins. Unfortunately, in M2 and M3 any fuel motion effect in the thermal data could be obscured by other effects caused by the single wire wrap support of the test pins.

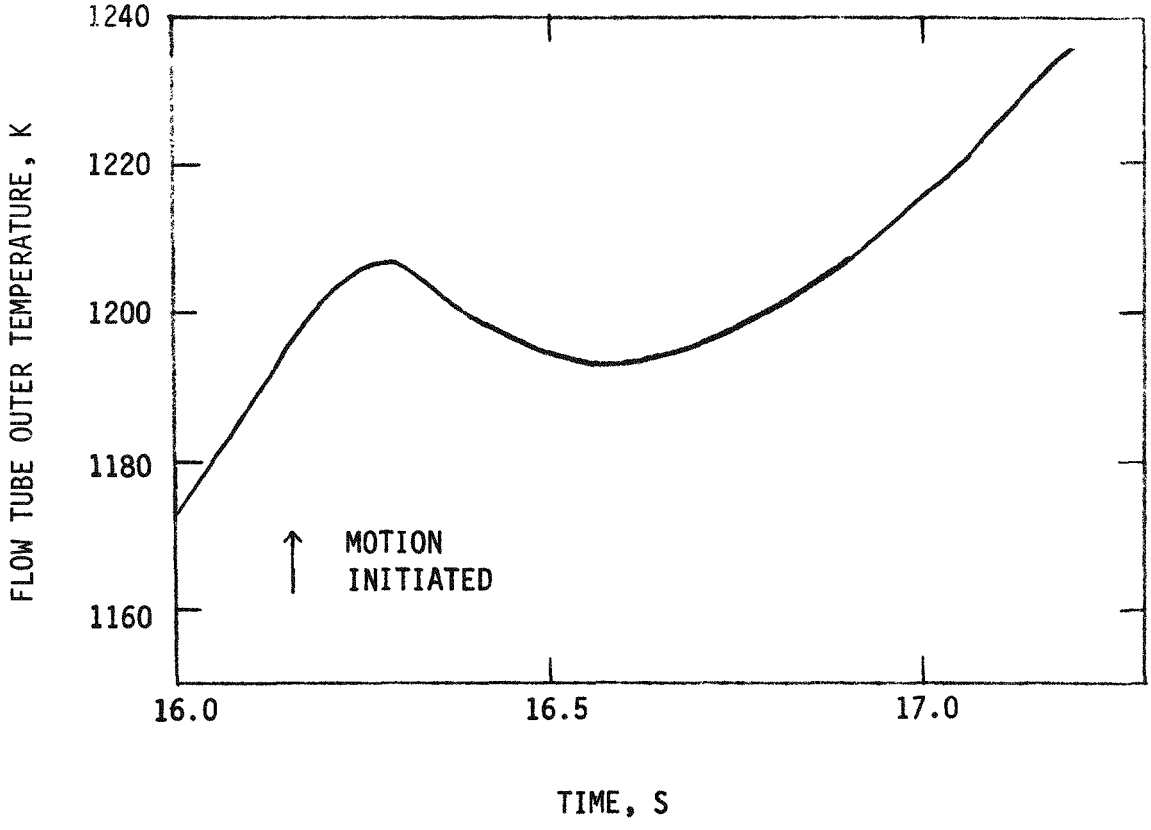


Fig. 6.7. Flow Tube Temperature History at Original Fuel Top, Low Burnup Pin, M2

7.0 HODOSCOPE FUEL MOTION RESULTS

7.1 Summary of Preliminary Hodoscope Results

A preliminary examination of the hodoscope data for TREAT tests M2 and M3 yields the following conclusions and comparisons:

- After M3 all three test-fuel columns were left largely intact, but in M2 there was extensive dispersal of the test fuel in the medium- and high-burnup pins.

- Axial growth of all the test-fuel columns was observed (prior to dispersal, in the case of M2), but in two quantitatively distinct classes. In the high-growth category, 15±4 percent, was the low-burnup fuel in M2 and M3, and the medium-burnup fuel in M2. Growth in the other three samples was considerably less, amounting to 4±2 percent. Details are listed in Table 7.1, which gives the measured axial growth of the M2 fuel at the inception of fuel dispersal, and of the M3 fuel shortly after peak power (from the transient data) and more than an hour after the test (from the scan data). It is possible that the difference between the transient and scan measurements for the M3 fuel is due to shrinkage after the test, but the uncertainty limits overlap. Figure 7.1 shows the growth of the six pins as a function of time.
  [Note: For hodoscope measurements, fuel-column length is defined in terms of "half-power points", discussed in Section 7.6.2.]

- In both tests, the growth rate in the low- and medium-burnup pins initially was small and gradually increasing, but then sharply accelerated. The times at which the acceleration occurred are given in Table 7.2. The high-burnup fuel did not exhibit such an acceleration in growth rate in either test.

- Before the start of the tests, the fuel columns in the low-burnup pins were about the same length (346.4±2.0 mm), and the fuel in the medium- and high-burnup pins was about 2% longer.

- At the start of the M2 test, the fuel column in the high-burnup pin was elevated by 5.6±0.5 mm with respect to the other two fuel columns.

Table 7.1. Lengthening of Fuel in M2 and M3[a]

		Axial Growth in M2		Axial Growth in M3			
		From Transient[b]		From Transient[c]		From Scans	
Pin	Burnup	mm	%	mm	%	mm	%
1	Low	57±12	16±3	63±4	18±1	62±2	18.0±0.6
2	Medium	54±10	15±3	13±6	4±2	9±2	2.4±0.6
3	High	10± 3	3±1	13±6	4±2	8±2	2.2±0.6

[a]The meaning of fuel "length" is discussed in Section 7.6.2.

[b]M2 fuel growth up to time of fuel dispersal (17 s).

[c]M3 fuel growth up to shortly after peak power (17 s).

Table 7.2. Time of Acceleration in Axial Growth

	M2	M3
Pin 1	16.1±0.1 s	16.0±0.1 s
Pin 2	15.9±0.1	15.4±0.1

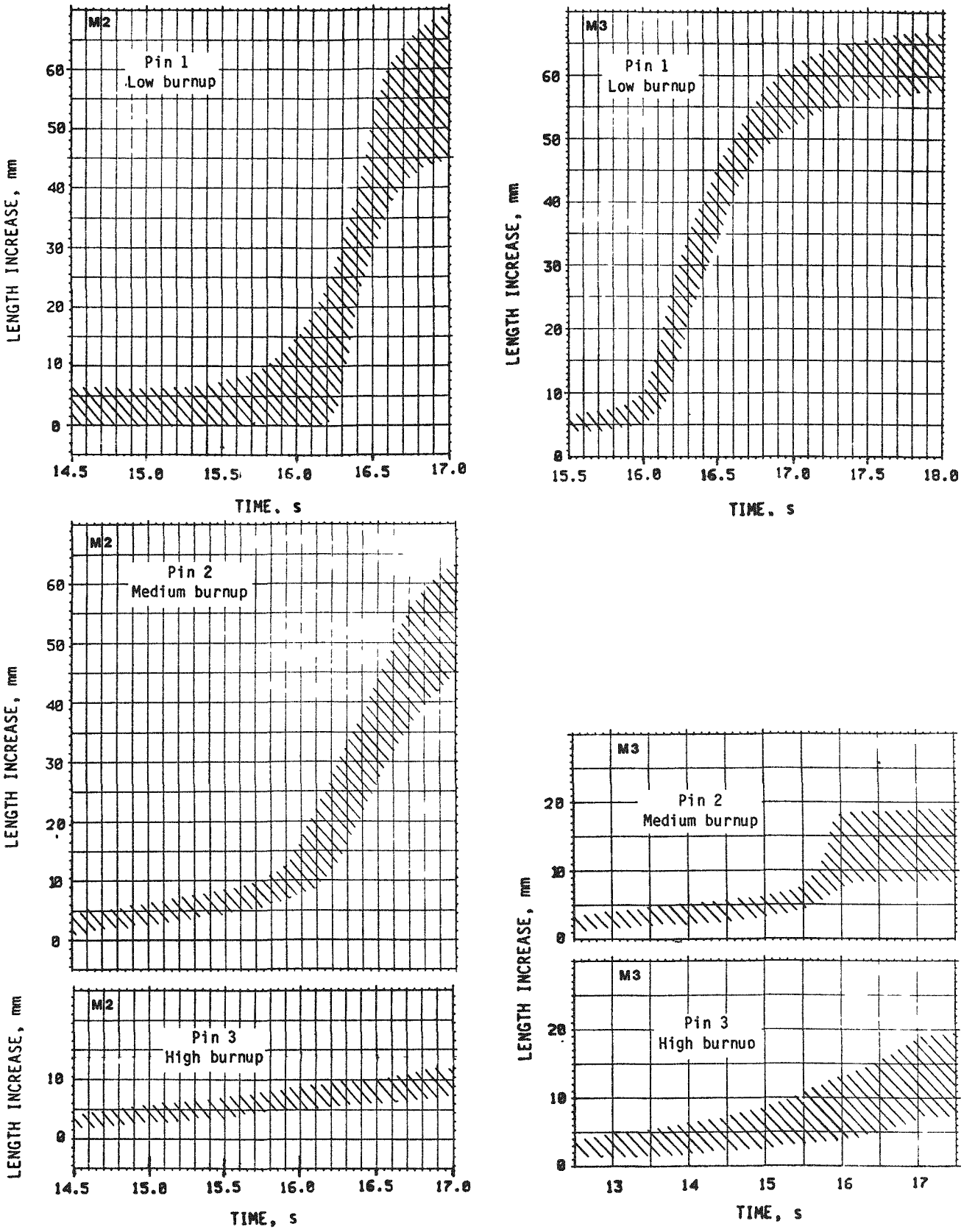


Fig. 7.1. Lengthening of Test Fuel Columns in TREAT Tests M2 and M3. The shading indicates the estimated uncertainty.

- The M2 fuel bundle was rotated some 13° from the nominal position, causing the images of the low- and medium-burnup pins to be overlapped in the hodoscope field. For M3, however, the bundle was only about 4° from nominal, leading to good separation of the pins as seen by the hodoscope.

- The fuel dispersal in M2 began with the medium-burnup pin, at 17.01±0.01 s. The high-burnup fuel dispersed at 17.04±0.02 s. (These times are IRIG.) Some fuel probably left the field of view, but not more than 15 g (15 percent of the fuel in the two failed pins). At the end of the test, 50±25 percent of the fuel from the failed pins could be seen above the original fuel zone.

- There was little downward motion of fuel during M2, except for the possible return of approximately 5 g of dispersed fuel about 0.4 s after peak power.

- During the 2.0-s period just before fuel dispersal in M2, the medium-burnup pin underwent lateral oscillations with an amplitude of 1.5±0.3 mm and a period of 0.40±0.05 s; the other two pins did not participate. No comparable oscillation was seen in M3.

In the discussion of preliminary hodoscope results for TREAT tests M2 and M3, reference will be made to Figs. 7.2--7.29, to be found at the end of Section 7.

7.2 Experimental Arrangement

The fast-neutron hodoscope (Ref. 7.1) measures fuel motion by detecting fission neutrons emitted from fuel in a test section that is near the center of the TREAT reactor. The image plane of the 1.2-m hodoscope at the test section is divided into 360 rectangular regions, which are referred to as channels. Each channel has associated with it a collimator slot, one or two neutron detectors, perhaps a gamma-ray detector, and the electronics needed to amplify and count the pulses from the detectors.

There are two arrays of neutron detectors: the Hornyak-button array (HBA), which in M2 and M3 covered hodoscope columns 3-7; and the PCA, an array of proportional counters that covered columns 2-9. In addition, there were detectors of both types in columns 1 and 10 that served as background indicators and power monitors. The efficiency of the proportional counters was set so that the peak counting rate (raw) was approximately 260,000/s in the central detectors at peak power.

This preliminary report is based entirely on data from the proportional counters, considered more accurate than the Hornyak buttons because they had better counting statistics and are less prone to nonlinearity.

The 360 rectangular regions (channels) that make up the image plane of the 1.2-m hodoscope are arranged in 10 columns of 36 rows each. At the center of the fuel bundle (50.8 mm north of the core centerline in M2 and M3) the horizontal channel spacing is 6.18 mm and the vertical spacing is 33.74 mm. The hodoscope is located at the north face of the TREAT reactor, facing south; the labeling system is such that Col. 1 is on the west side of the fuel pin and Col. 10 is on the east side.

Figure 7.2 shows cross sections of the test trains. In M3 each of the test pins was moderately well centered in its own column of the hodoscope detector array, but in M2 the bundle was rotated by about 13° from the desired orientation, causing a partial overlap of the signals from Pins 2 (medium burnup) and 1 (low burnup) in Col. 6. The fuel pins are shown with their nominal spacing in Fig. 7.2, whereas for M2, at least, the data from the transient indicate that the fueled portions were more widely spaced: in particular, Pin 2 seems to have started out with a small overlap into Col. 7 -- an estimated eastward displacement of 1.5 ± 0.5 mm.

7.3 Data Analysis

7.3.1 Data Corrections

The hodoscope data are analyzed in a number of stages. The raw data consist of observed counts in each channel for each data-collection interval (DCI); in M2 and M3 the DCI for the proportional counters was 1.57 ms. The counts are time-averaged into longer intervals as desired, converted into counting rates, and corrected for various relevant effects. The data discussed in this report have been corrected for deadtime (a fixed 0.2 s), counting efficiency, flux-shaping collars, and fuel "shine" (discussed later). Not yet made, and which might have only a negligible effect on the results, are corrections for space-charge effects (a cause of nonlinearity), axial flux tilting as a function of control-rod position, self shielding, and power-coupling changes if any.

Efficiency corrections. Two adjustments are lumped into the 360 "efficiency" multipliers. One of them is a true correction for counting-efficiency variations from channel to channel, and the other is compensation for the cosine-like axial variation of reactor flux. This combined task was accomplished, for the data reported here, by basing the efficiency multipliers on the trial transient data. (Before each of the tests, a trial transient was run, which closely duplicated the final transient as to power profile and experimental setup except that the test fuel was absent.) For a reference interval consisting of the 5-7 s time period, the trial-transient counting data for each channel were averaged, and a set of efficiency multipliers was generated that rendered the counting rates uniform over the entire array of detectors. After making adjustments for a few channels whose efficiencies had obviously changed appreciably between the trial and final transients, that set of multipliers was used in doing the data analysis.

Collar Corrections. In order approximately to achieve the axial flux profile desired for the experiment, the ends of the test fuel were surrounded by neutron-absorbing, flux-shaping collars, as shown in Fig. 2.3. By reducing the fission rate in fuel inside them, these collars perturb the fuel-motion diagnostic observations by causing apparent losses and gains as fuel moves into and out of their shadows. To correct for this, a computer program is used that generates a set of 36 collar-correction factors (one for each row of hodoscope detectors), based on the collar dimensions, locations,

and material (neutron absorption cross section). The program contains one arbitrary input quantity Q, which is in effect a multiplier for the absorption cross-section of the collar material; Q is determined by trial and error, and is set so that, when the results are applied to the transient data for the reference period (5-7 s), the resulting axial profile of test-fuel shape shows minimum collar-correlated perturbation.

The collar-correction factors are then incorporated into the data-reduction process: For each channel and each data-averaging interval, background is subtracted, the collar correction is applied, and the background is added back in (to avoid negative counting rates, which would not be well handled by later-stage data-processing codes).

Shine Corrections. Even in a data channel that does not view any test fuel, the counting rate contains an increment that is proportional to the amount of test fuel in the same row. This has been dubbed the "fuel shine effect"; it falls off with distance from the test fuel and shows up clearly when the efficiency multipliers are derived from the trial transient as described above.

A computer code is used to derive a set of ten shine-correction factors S (one for each column of detectors) from the data from the reference period in the final transient. In subsequent analysis of the transient data, the true background B is approximated on the basis of the average counting rate (efficiency-corrected) above and below the fuel, the fuel signal F in the row is defined to be the sum of the counting rates R after subtracting B, and the corrected counting rate C for each channel is given by C=R-S*F. The value of S for fuel-viewing channels must be estimated by extrapolation from the S values for channels that are off to the sides.

Nonlinearity. There are two processes that affect the linearity of the proportional counters. The first is the deadtime that results from the finite width of the electronic pulse. In the present PCA system, a standard deadtime correction of 0.2 s, non-paralyzable, is used for each detector. This results in a maximum 5% correction in the response of a detector operating at a peak count rate of 260,000 cps.

The second nonlinear effect in the PCA is due to space charge and is important only at high reactor powers. In M2 and M3, the space-charge

effects are small, and no attempt has been made to correct for them.

7.3.2 Data Normalization

To follow fuel motion, it is necessary to normalize the observed signals to something approximating the TREAT power. For this report, all the counting rates R were normalized to an "array average" A consisting of the average counting rate of the proportional counters in columns 2--9, rows 1--36 of the detector array. That sort of normalization is suitable for M3, since no fuel was lost from the field of view. It is also acceptable for M2, because up to the time of fuel dispersal (17.0 s) it is accurate, and after that, normalizing to the array average is as good as anything else, at least until self-shielding corrections can be made; in fact, it provides partial compensation for self-shielding effects.

Columns 2, 8 and 9 could have been excluded from the array average, since they viewed no test fuel (as can be seen in Fig. 7.8). They are included in the differential hodographs because they are a good indicator of background changes. Their omission from the array average would be expected to have no appreciable effect on the conclusions but could lead to apparent non-conservation of fuel in the differential hodographs.

Another possibility would have been to normalize to the "power- monitor average," which is the average counting rate of the detectors in columns where there was no test fuel. The array average was chosen because of its better counting statistics and because it enforces overall mass conservation in Cols . 2-9.

In the rest of this hodoscope report, terms such as "rate" and "signal" always imply array-average normalization (i.e. "rate" is really R/A), unless otherwise stated.

7.3.3 Calibrating Normalized Counting Rate to Mass

The mass calibration factor (grams per R/A unit) is determined by dividing the total mass of test fuel (155 g) by the total number of R/A units (with the various corrections applied) after subtracting background. In the case at hand, time did not permit a value to be obtained that was more accurate than an estimated ±10%; this is adequate, however, particularly since for most purposes (such as determining axial growth) it is relative rather than absolute numbers that are important.

7.3.4 Errors

The hodoscope data are subject to both random and systematic errors. Random (statistical) errors, due to finite count rates and data collection times, are the most important limitation on the detection of changes in a fuel configuration.

Systematic errors are not amenable to statistical treatment and generally are difficult to estimate. The systematic errors in the hodoscope data do not usually affect determination of the timing or location of pin failure; rather the main effect is in the mass determination. Probably the main uncorrected systematic error in this preliminary analysis of M2 and M3 is self shielding. Results from earlier tests suggest that the errors due to self shielding might amount to 20-40% of the apparent mass change during major fuel dispersal. Prior to dispersal, self shielding is not a significant source of error.

7.3.5 Correlation of Data Clocks

There are at least four time clocks that pertain to hodoscope data and TREAT data:

(1) IRIG
(2) The clock on the hodoscope PCA system ("PCA clock")
(3) The clock on the hodoscope HBA system ("HBA clock")
(4) The DAS (Modcomp) clock.

The clocks all run at independent rates, since each has its own crystal oscillator.

The DAS clock provides the times that are recorded along with the TREAT data-channel readout (transient-control rods T1 and T2, power monitors S1 and S2, and most of the loop intrumentation [flowmeters, thermocouples, pressure sensors]). The IRIG time is recorded on a 14-channel analog tape, along with redundant data from the TREAT loop instruments. The IRIG time is also fed into the hodoscope system and is stored along with the hodoscope data. The DAS and IRIG times are used interchangeably in analyzing the data from the loop instruments.

During M2 and M3 the PCA clock ran more slowly than IRIG, losing 0.7 ms/s. In M3, the reported zero time for IRIG agreed with the start of the PCA clock within 1 ms, but in M2 the PCA-clock zero was at 5.16 ms

IRIG. The net result is that at 17 s into the test, the amounts to be added to the PCA time to cause agreement with IRIG were 16.9 ms and 11.9 ms for M2 and M3, respectively.

Except for Sect. 7.1, where IRIG times are used, all times in the hodoscope part of this report are PCA unless otherwise indicated.

7.4 Work Remaining

A number of data-processing steps have not yet been performed:

- Changes in self shielding occur as test fuel moves about. Such changes are known to have a marked influence on the signal intensity per gram of fuel after dispersal. Self shielding will be a negligible consideration for M3, but its future inclusion could change the mass estimates for fuel dispersal in M2.
- The effects of flux tilts induced by control-rod motion are more significant in some TREAT tests than in others. The influence of flux tilt in M2 and M3 remains to be analyzed but is not expected to be large.
- Although the mass estimates for fuel dispersal in M2 are subject to change, most of the conclusions as to timing and location of events should undergo no more than minor modification upon further analysis.
- A measurement of the upward velocity of the fuel as it dispersed, along with a more accurate estimate of the time of inception of fuel dispersal, will probably come from a more detailed look at the data.
- Some refinements to mass and timing estimates might come from using alternative data-normalization methods and regional averaging.
- A narrow array (columns 4--6) of gamma-detecting scintillators was functioning. There may be an attempt to use their data to follow gross motions of stainless steel.

7.5 Scans

Before each test, a "pretransient scan" was performed with the hodoscope to determine the correct orientation for the collimator and to check that there were no initial, unexpected test-fuel anomalies. Usually both horizontal and vertical traverses are made: the collimator is rotated in small angular steps while the reactor is running at 70 or 80 kW. The counting rate for each data channel is recorded as a function of collimator position. After each test, a similar scan, the "post-transient scan," was performed. This

gives a useful representation of the configuration of the test fuel after it has cooled but before the test train has been moved.

The results of the pretransient and post-transient horizontal scans for M2 and M3 are shown in Figs. 7.4 and 7.5, discussed below.

7.6 Hodoscope Results in Detail

7.6.1 Power Profiles

For reference in interpreting the hodoscope results for tests M2 and M3, Fig. 7.3 shows the power profiles. The two tests had similar power histories, the main difference being that peak power in M3 was reached some 20 ms (25 ms by IRIG time) earlier than in M2. The 15-s tail after peak power and before scram was to allow the hodoscope to observe at least the beginning of any phenomena during the cool-down period.

7.6.2 Pin Lengths

Vertical scan data can be used to determine the length of intact fuel pins. This was done for the pretest scans for both M2 and M3 and for the post-test scan of M3. (In M2 the fuel columns in Pins 2 and 3 were disrupted, so that their lengths after the test were indeterminate, and the top of Pin 1, if intact, could not be distinguished.)

In the medium- and high-burnup pins, the tops of the fuel columns were not well defined: the pretest thermal-neutron radiographs show that the fuel density gradually decreased to zero over a distance of greater than a centimeter or so. That makes it necessary to say what is meant by the "length" of a fuel column as determined by a hodoscope scan. The hodoscope detectors respond to the fission rate in the test fuel -- that is, to the power being generated. As a hodoscope channel is scanned vertically over the end of a fuel column, the signal falls off at a rate that is the convolution of the channel's resolution function and the rate of fuel-density decrease. The point at which the fission rate has half the value it would have if the fuel had full density will be called the "half-power point," and the "length" of a fuel column is defined here to be the distance between the upper and lower half-power points. For a fuel column with uniform density out to the ends, this length is the same as measured on a thermal-neutron radiograph.

The fuel-column lengths (half-power distances) as determined from the vertical scan data are given in Table 7.3.

The pretransient vertical scan for M2 revealed that the fuel in Pin 3 was resting 5.6±0.5 mm higher than the fuel in Pins 1 and 2. In M3, the fuel in all three pins started out at approximately the same level.

Table 7.3. Fuel Lengths from Vertical Scan Data[a]

	M2 Pretest	M3 Pretest	M3 Post-test	M3 Growth
Pin 1	347.4 mm	345.4 mm	407.6 mm	62.2 mm[b]
Pin 2	352.1	354.1	362.9	8.8
Pin 3	352.5	355.0	362.9	7.9

[a] "Length" means half-power distance - see text. Estimated accuracy is ±2.0 mm in all cases.

[b] The scan data show that the (axial) density of the upper 4-6 cm of Pin 1 was less than the pretest density by 40±10%.

7.6.3 Horizontal Scan Data

Before-and-after pictures of the test fuel distribution in M2 and M3 are shown in Figs. 7.4 and 7.5, which are different representations of the pretest and post-test horizontal scan data. The two pretest scans in Fig. 7.4 show the overlap of Pins 1 and 2 in M2 and the improved situation in M3 (Fig. 7.2).

The M3 pretest scan curves show the image of Pin 1 closer to Pin 2 than to Pin 3. From the measured separation of the three peaks, and using the known pin-to-pin lattice spacing (13.2 mm), the fuel bundle is calculated to have been 4°±1° from the desired, flat-on position.

The post-transient scans show that extensive relocation of test fuel occurred in M2, while in M3 the three pins appear to have been left largely intact.

7.6.4 Transient Data for M2

Figures 7.6--7.10 show three different two-dimensional, intensity-modulated representations of hodoscope data from the M2 transient.

Figure 7.6 is the same sort of analog representation as used in Fig. 7.5. The initial configurations are seen to be similar in the scan and transient data.

The first and last frames of the M2 part of Fig. 7.5 can be compared with their counterparts in Fig. 7.6. The differences between the two final configurations are probably more apparent than real, in that the scan data are presented with higher contrast than the transient data, causing the low-density region at rows 6-11 to appear as a void. It also is possible, if less likely , that there was some further fuel motion shortly after the test, before the post-transient scan. This can be checked out by examining the longer-term, delayed-neutron hodoscope data that have not yet been analyzed.

In interpreting the hodoscope data for M2, it will help to keep in mind that Pin 3 (the high-burnup one) is by itself in Col. 4, Pin 1 (low burnup) is mostly in Col. 5 but partly in Col. 6, and Pin 2 (medium burnup) is predominantly in Col. 6, with an excursion from time to time part way into Col. 7.

Figures 7.7 and 7.8 show the hodoscope data in "integral hodograph" form. Since a channel represents a 33.74 mm (vertical) by 6.18 mm (horizontal) area, the vertical scale in these figures is considerably compressed with respect to the horizontal. The integral hodographs are more quantitative than the analog form of Fig. 7.6. Still more accurately quantitative are the "differential hodographs" of Figs. 7.9 and 7.10.

Axial growth of test fuel in M2. On the scale of Figs. 7.9 and 7.10, axial growth in Col. 6 is starting to become evident by 16 s, with Col. 5 joining in by 16.3 s. (The signal in Row 13, Col. 4 at that time is too small to be considered significant.) At the start of test M2, the top of the fuel in Pin 1 was close to the lower edge of Row 13 of the hodoscope array, and the tops of the two longer fuel columns (in Pins 2 and 3) were in Row 13. Thus any upward motion of the pins will appear first as a signal increase in that row. A useful tool for examining such signal changes is the "R/A difference plot" -- a plot of the (power-normalized) signal from a channel or group of channels after subtracting the average signal over a reference interval.

For all of the differential hodographs and R/A difference plots in this report, the reference interval used was 5-7 s, which was early

in the transient, before appreciable fuel motion had occurred. (The term "signal" means a counting rate R normalized to the reactor power as represented by the average A of the detectors in the hodoscope array.)

A set of R/A difference plots is presented in Fig. 7.11, for the time range 11.5-17.5 s. Rows 10-13 of Cols. 4-6 are included. A gradual expansion in Pins 2 and 3 (Row 13, Cols. 6 and 4) is underway at the start of the chart. Pin 1 (Col. 5) might or might not have undergone a similar expansion; that cannot be determined because the top of the Pin 1 fuel started out in the relatively dead space (region of low hodoscope sensitivity) between Rows 13 and 14, perhaps even somewhat below the boundary, so that some growth -- perhaps as much as 10 mm -- would have to occur before it became evident.

At around 16.4 s the tops of the fuel in Pins 1 and 2 had passed to the top of Row 13 and started into Row 12, and by 16.9 s the top of the Pin 2 fuel column had reached Row 11. We will now take a more detailed look at the late stages of the lengthening process.

Figures 7.12-7.14 contain R/A difference plots pertaining to the individual pins. Any signal in Col. 5 has to be due to Pin 1 (see Fig. 7.12) . In Fig. 7.13, Cols. 6 and 7 are summed, because it was found that Pin 2 periodically moved in and out of Col. 7 during the transient. The signal in this figure also contains a contribution from Pin 1 of amplitude largely unknown, but estimated to be 30±10 % of the Pin 1 signal. The curves for Pin 3 (Fig. 7.14) are relatively uneventful prior to 17 s.

Events at and after 17 s are discussed below. Meanwhile, Fig. 7.15 shows R/A difference plots for the three pins, with Rows 12 and 13 summed. This shows the signal increase, in approximate grams, corresponding to axial growth. Pins 1 and 2 show an acceleration in growth rate at 16 s, while Pin 3 does not.

The information depicted in Fig. 7.15 can be used to estimate axial growth in mm, and Figs. 7.16-7.18 show the results. The uncertainties are rather large, particularly for Pins 1 and 2, arising from one or more of such causes as (a) the dead space between the hodoscope rows, (b) the overlap of Pin s 1 and 2, (c) counting statistics, (d) uncertainties in the mass calibration.

The following axial growths at 17.0 s are deduced for M2: Pin 1 , 57±12 mm; Pin 2, 54±10 mm; Pin 3, 10±3 mm.

Fuel Dispersal in M2. At about 17.0 s, the character of the fuel motion changed from apparent axial expansion to rapid upward relocation of test fuel. Evidence of that is to be found in many of the M2 figures, but is most striking in Fig. 7.13. Whereas for an axial-growth situation the signal change in one row must largely cease before the fuel enters the one above, we see an almost simultaneous jump in the signals from Rows 10-12, corresponding to a sudden upward spurt of fuel from Pin 2, the pin whose fuel dispersed first. This event began at 16.995±0.010 s (corresponding to 17.01±0.01 s IRIG time).

Shortly thereafter, at 17.025±0.020 s (17.04±0.02 s IRIG), Pin 3 joined in. Whether Pin 1 participated in the dispersal is not clear from the hodoscope data. Figures 7.7-7.10 show the upward progression in Cols. 4 and 5 after 17.07 s proceeding hand-in-hand. That would seem to indicate similar behavior in Pins 1 and 3, except that there are insufficient losses in the original fuel region of Col. 5. An alternative hypothesis is that the upper part of Pin 3 was half-way into Col. 5 at that time, with little action in Pin 1. Support for the latter scenario comes from the post-test radiograph (Fig. 8.1), which shows Pin 1 lengthened but largely intact.

The losses during the dispersal appear first along the lower two-thirds of the original Pin 2 fuel column and in the upper half of the original fuel zone in Cols. 4 and 5; the later losses from Pins 2 and 3 were mainly from the bottom quarter. Assuming that the fuel in Pin 1 remained largely intact, the small losses in Col. 5 starting at 17.07 s could be due to partial intrusion by Pin 3 into Col. 5 at that level and at that time.

The upward dispersal was largely over by 20 s. It is likely that test fuel went above the field of view after 17.4 s. The amount cannot be estimated from the hodographs, but a time plot (not shown) of A/P (the ratio of the array average to the power-monitor average) shows no change then. Since loss of 10% of the test fuel should have caused an observable drop in A/P, the conclusion is that not more than 15 g of fuel was lost to the hodoscope's field of view.

At 17.5 s, some displaced fuel (5 g or so) seems to have drained back down the flow tube of the Pin 2 to the lower part of the original fuel zone. Apart from that, there is little evidence that any of the fuel that went up came back down.

More quantitative timing, velocity, and mass information regarding the dispersal can be obtained in the future from a detailed examination of the data.

7.6.5 Fuel-pin Oscillations in M2

Figure 7.19 shows some R/A difference plots for Rows 12-25, for 11-17 s. According to Fig. 7.2, Col. 7 should see no test fuel to speak of, but Fig. 7.19 shows that the detectors in that column had the capacity to lose fuel signal, implying that Col. 7 did in fact see part of Pin 2 to begin with. We conclude, as mentioned earlier, that the fuel-column spacing was a millimeter or two greater than nominal.

Two or three cycles of a roughly sinusoidal wave appear in Col. 7, starting somewhat before 16 s, with period of 0.40 ± 0.05 s, and amplitude approximately 1.2 g. Figure 7.20, a similar plot for Col. 6, shows mirror-image oscillations. The explanation is that Pin 2 oscillated laterally for 2 s before its fuel dispersed. To translate the amplitude to millimeters, we note that a hodoscope row viewed 5 g of each pin, and the column spacing is 6.44 mm. Thus 1.2 g corresponds to $6.44 \, 1.2/5.0 = 1.5$ mm.

That Pin 1 did not oscillate appreciably is confirmed by Fig. 7.21, which does show, however, that there was some gradual snaking: An increase in signal below Row 13 indicates westward motion of Pin 1 fuel, and a decrease the opposite. An exception is that part of the decrease in Rows 14-17 after 16 s is due to upward motion of test fuel.

Pin 3 was relatively inactive prior to 17 s, as shown by Fig. 7.22. A slight eastward motion of the lower part of the pin is suggested by the slow decrease in Row 22, with lesser ones in Rows 23 and 24.

Columns 5-7 include all of the fuel in Pins 1 and 2, plus possibly the bottom corner of the Pin 3 fuel. The R/A difference plots in Fig. 7.23 for those columns show that the signals from Pins 1 and 2 combine to eliminate almost all indications of the oscillations and the other, slower lateral motions.

7.6.6 Transient Data for M3

Figures 7.24-7.29 show some of the hodoscope results for the M3 transient. The intensity-modulated depictions in Figs. 7.24-7.26 are analogous to the M2 figures 7.6-7.10. In test M3, the three pins appear to have been relatively well isolated, each in its own hodoscope column. There was no fuel dispersal; the main observable effect was the axial growth in the fuel of Pin 1.

In M3, the fuel initially was a little higher in the hodoscope field than in M2: the fuel of Pin 1 probably ended a few mm above the bottom of Row 13, while that of Pins 2 and 3 extended well into Row 13.

Figure 7.27 contains R/A difference plots for Rows 11-13 of Cols. 4-6. A little expansion shows in Row 13 for Pins 2 and 3, while Pin 1 grew all the way through Rows 13 and 12, and even penetrated a bit into Row 11 before retracting. Pin 1's rate of expansion takes its sharp jump at 16.15 ± 0.03 s.

Figure 7.28 shows the estimated extension of Pin 1 versus time. It was constructed from an R/A difference plot of the combined signals from Rows 11-13 of Col. 5. The two curves of Fig. 7.29 were produced similarly, except that only Row 13 was used. The deduced pin growths by the end of the M3 transient are: Pin 1, 63 ± 4 mm; Pin 2, 13 ± 6 mm, and Pin 3; 13 ± 6 mm.

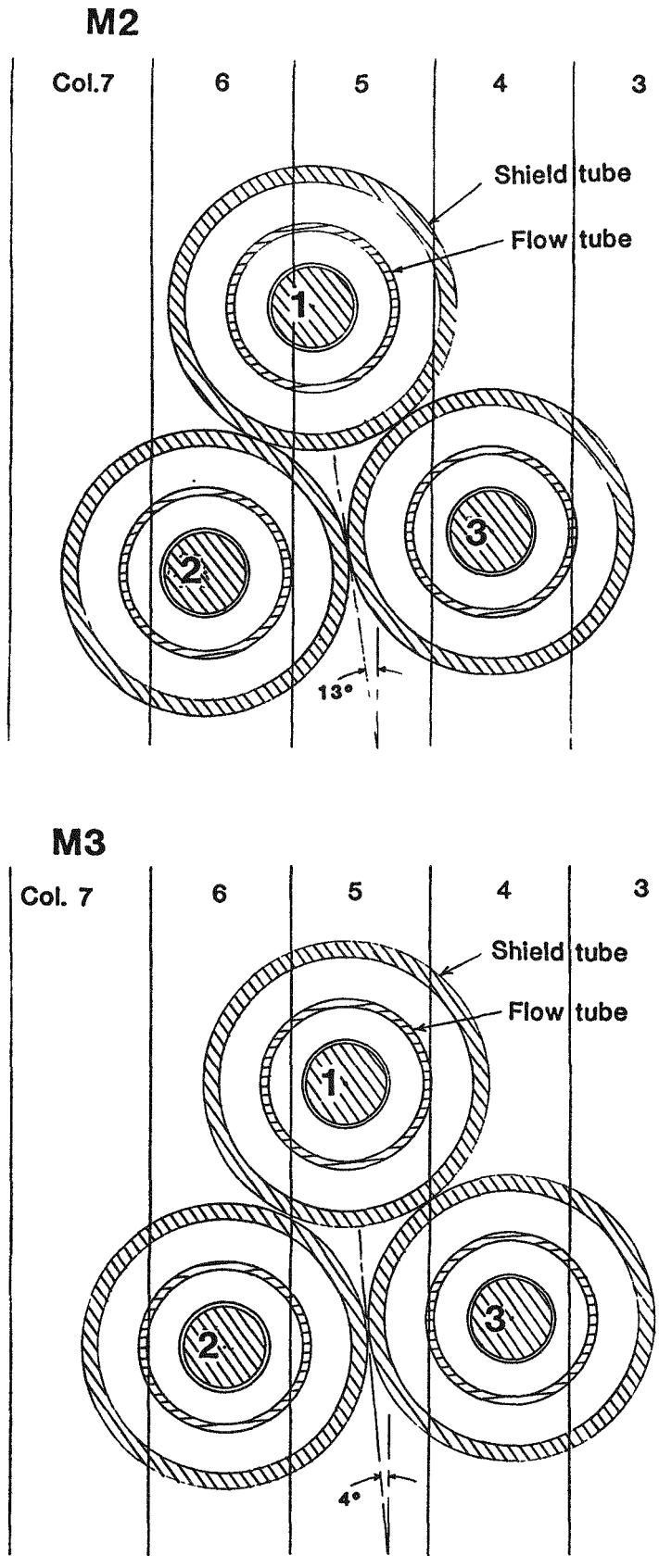


Fig. 7.2. Cross-sectional views showing the approximate initial positions of the test fuel in the hodoscope's field of view, TREAT tests M2 and M3, as deduced from data from the pretransient scans and the transients.

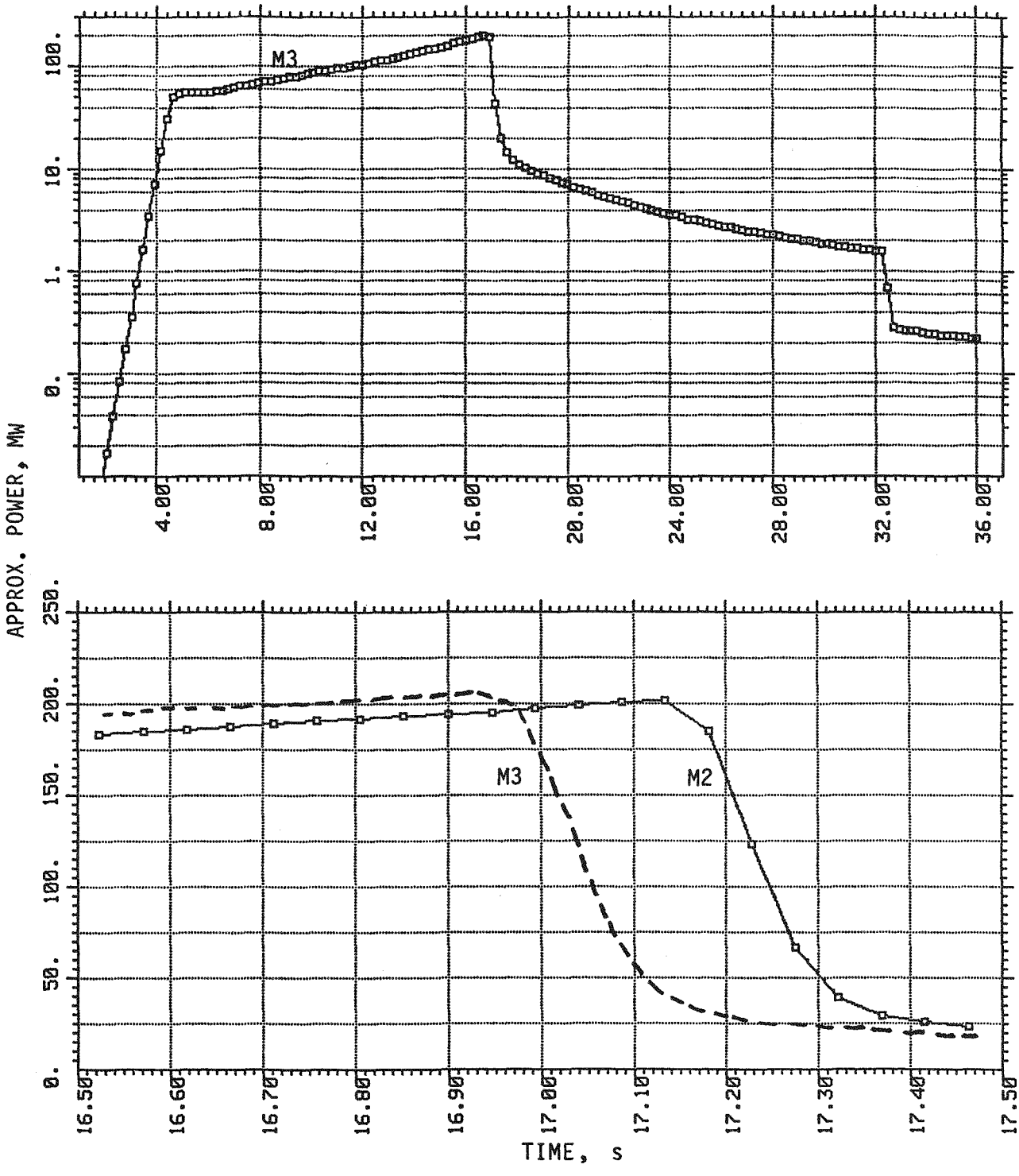


Fig. 7.3. Upper figure: TREAT power profile for M3, as represented by the average counting rate of the hodoscope's array of proportional counters. On the scale used, the profile for M2 would be negligibly different. Lower figure: Peak-power portion of the power profiles for M2 and M3, at an expanded time scale.

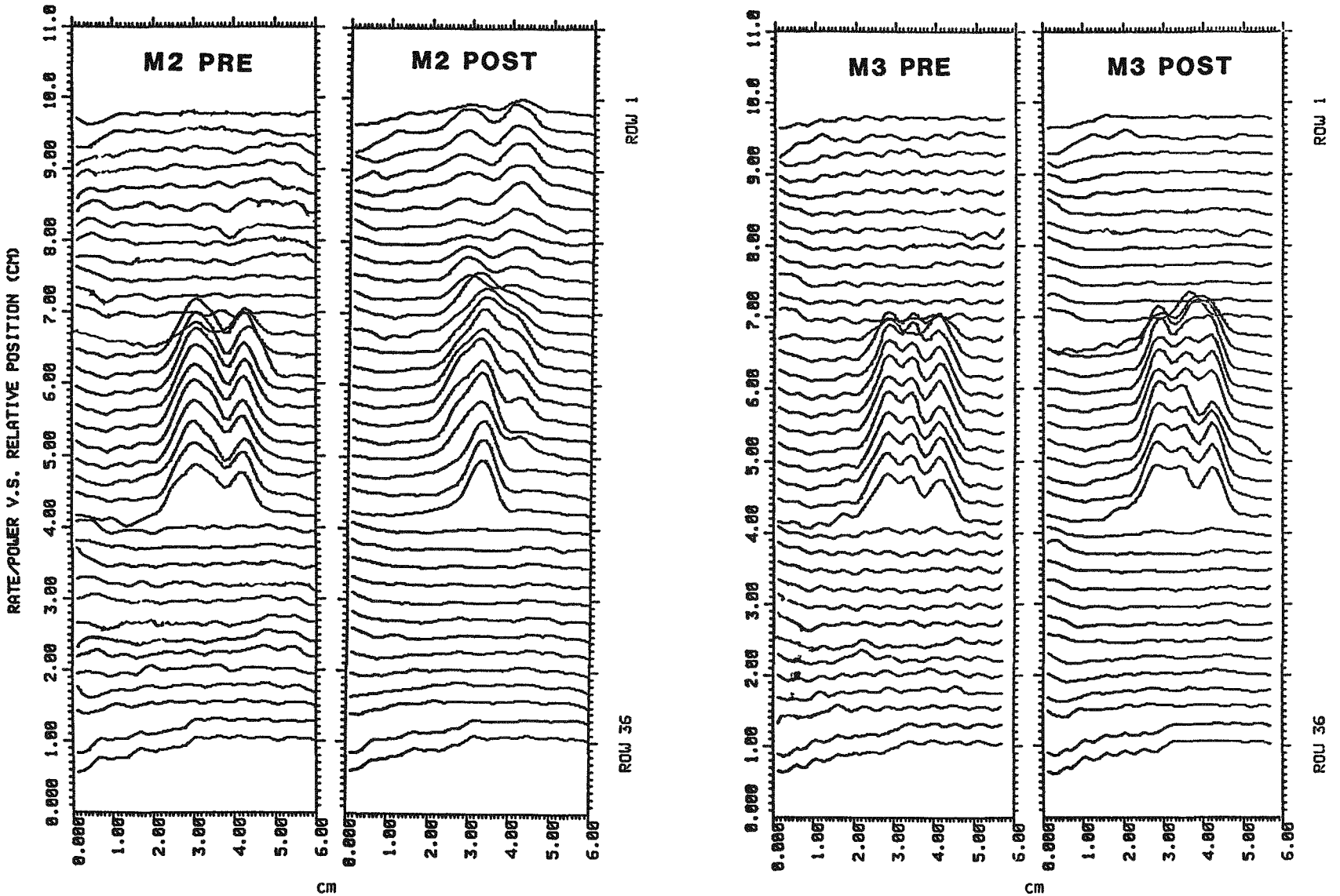


Fig. 7.4. Horizontal scan profiles for M2 and M3, pretransient (left side of each pair) and post-transient.

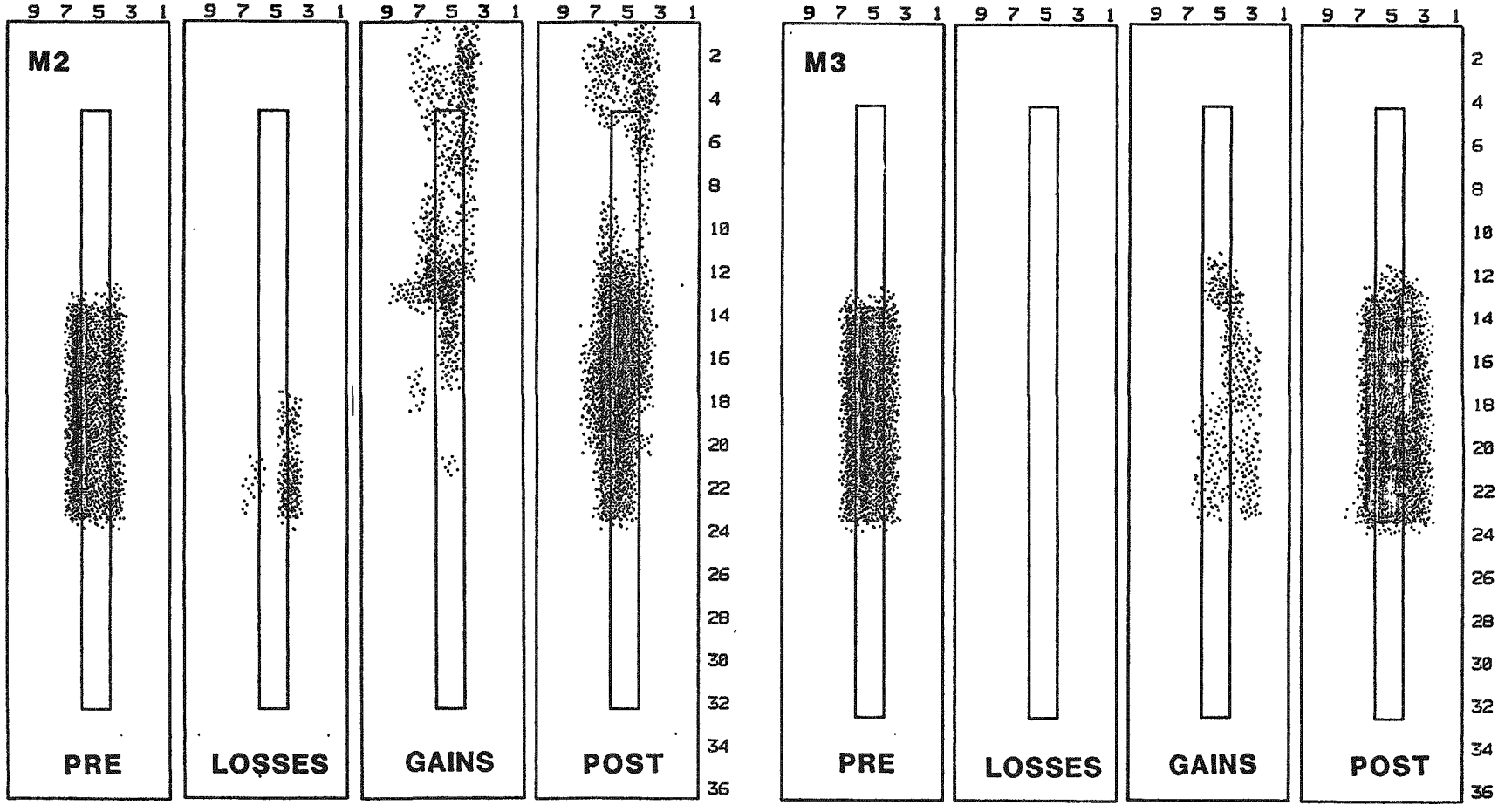


Fig. 7.5. Pre- and post-transient fuel distribution in M2 and M3, from the scanning data. In each set of four, the second and third frames are obtained by subtracting the last from the first and the first from the last, respectively. (Due to an imperfection in the computer code, the rectangle intended to represent the original fuel position is oversize.)

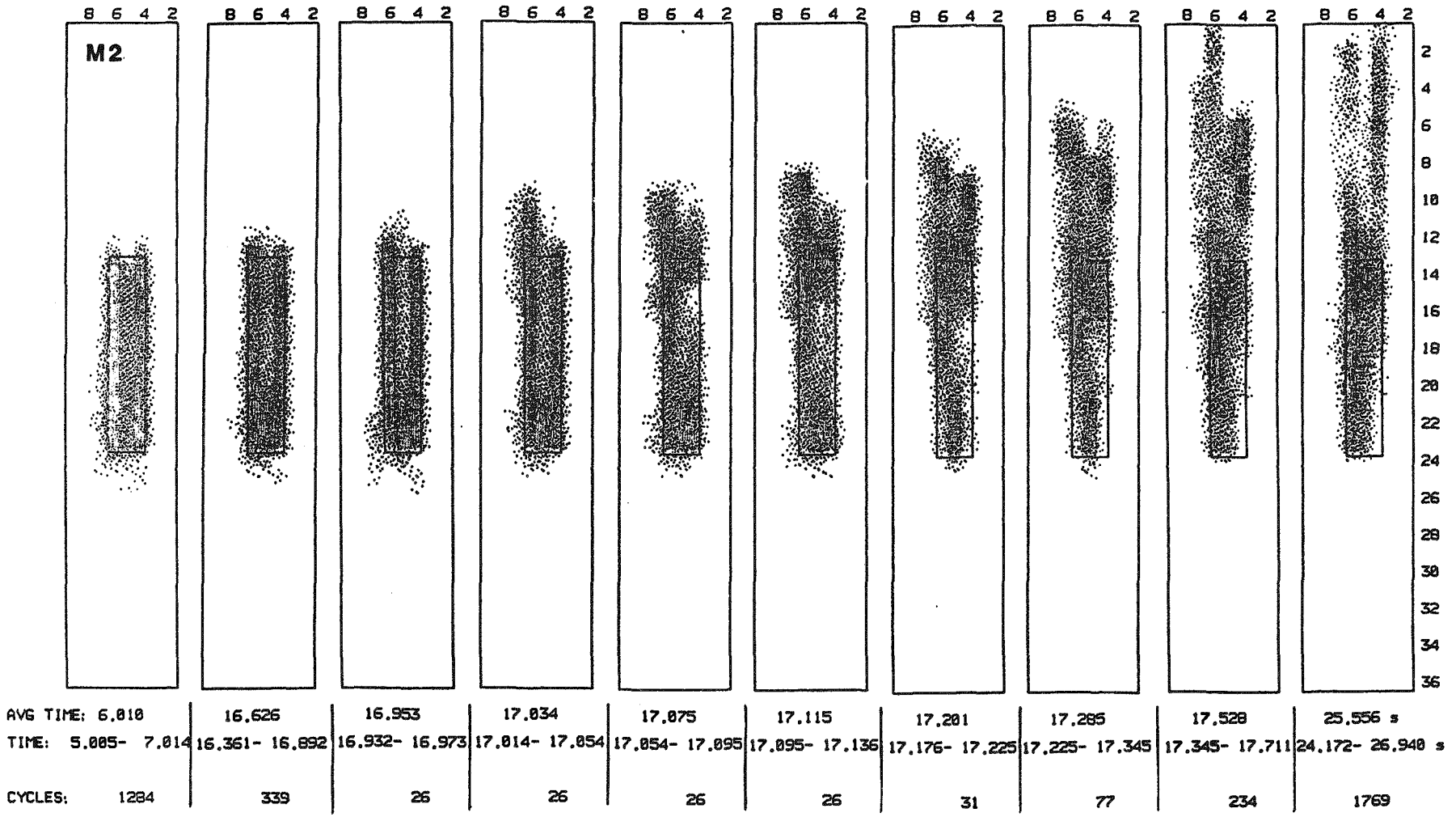


Fig. 7.6. Analog representation of the distribution of the M2 test fuel at selected times throughout the transient. The first frame shows the undisturbed fuel at the start of the test.

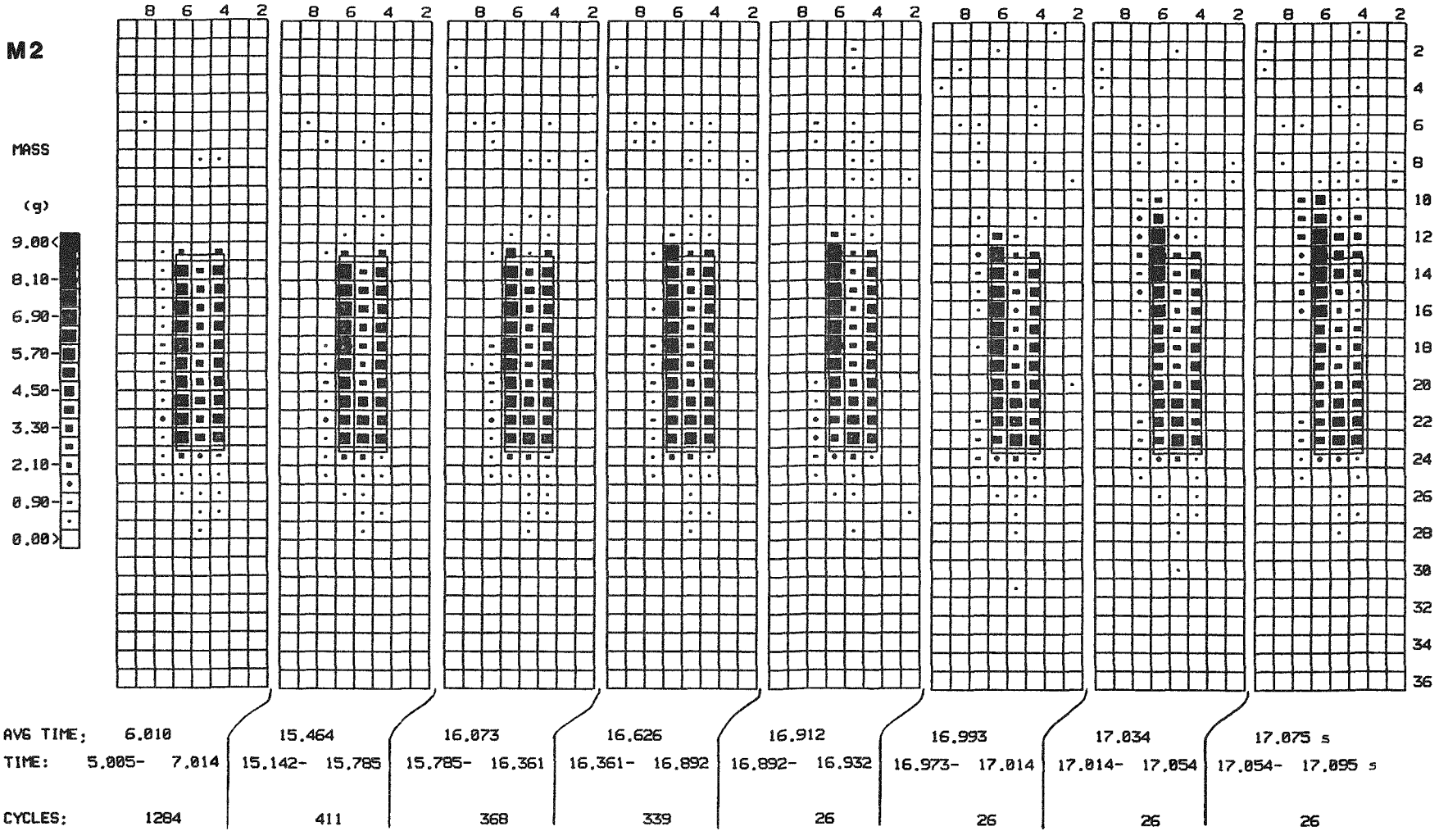


Fig. 7.7. Integral-hodograph representation of the M2 test-fuel distributions at selected times before 17.1 s. The first frame shows the undisturbed fuel at the start of the test.

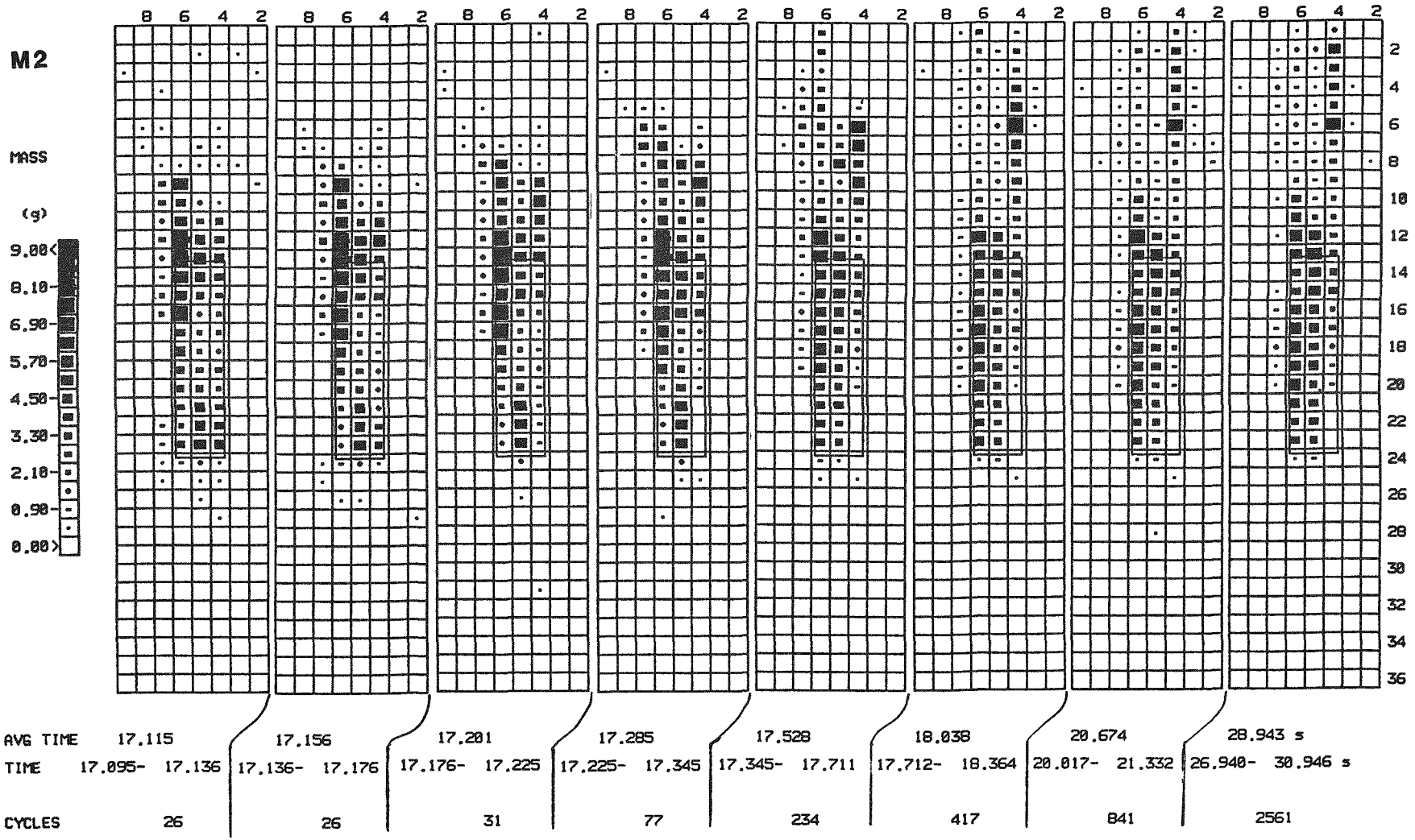


Fig. 7.8. Integral hodographs of the M2 test fuel configurations at selected times after 17.1 s.

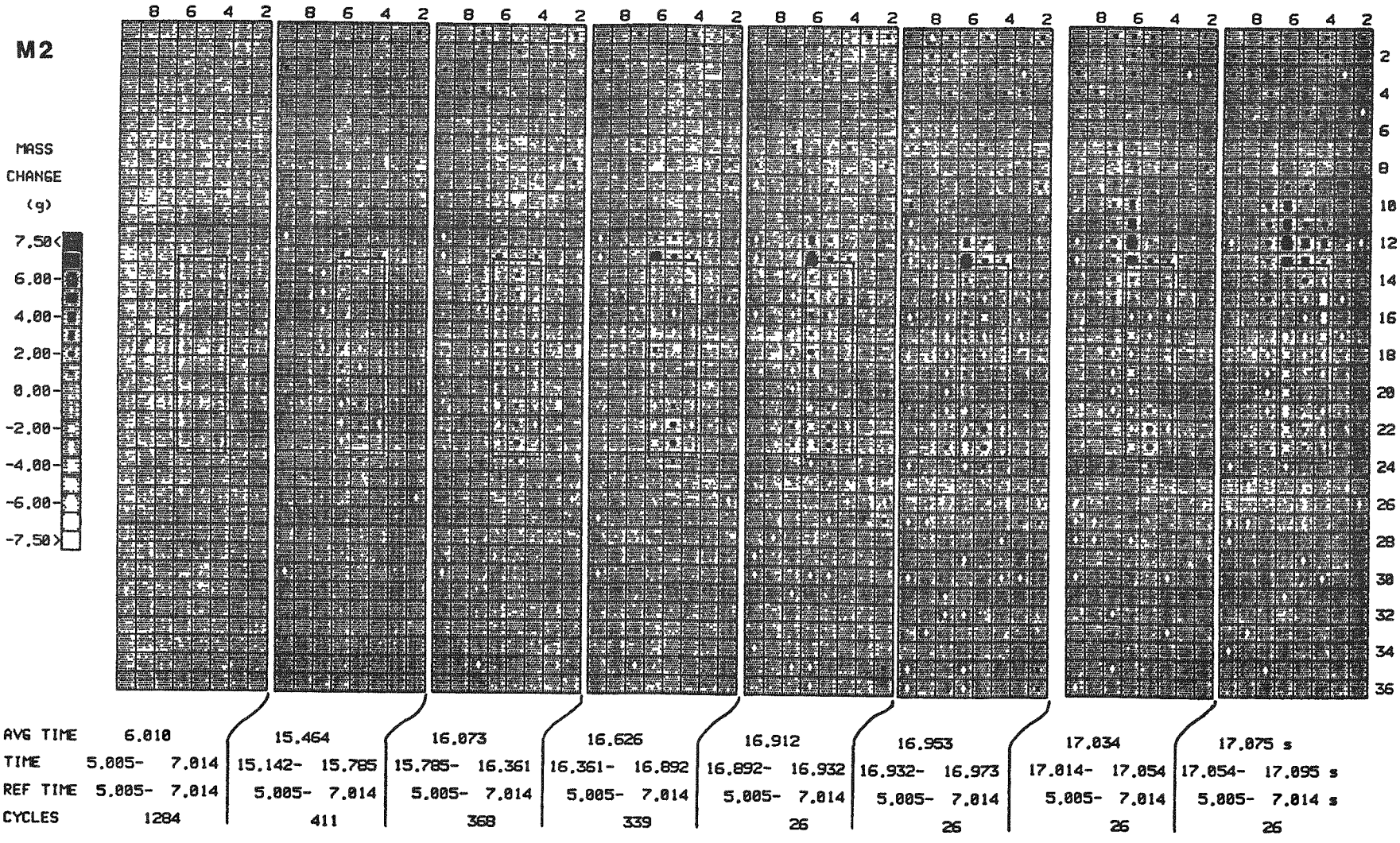


Fig. 7.9. Differential hodographs showing changes in M2 test fuel configuration before 17.1 s. The times are the same as for the corresponding integral hodographs. A black spot shows an increase in (power-normalized) signal with respect to the reference interval (first frame), and a white spot a decrease. The reference interval is a 2-s period just after the initial power rise, before appreciable fuel motion had occurred. For the last two frames, the mass scale is as shown on the next figure.

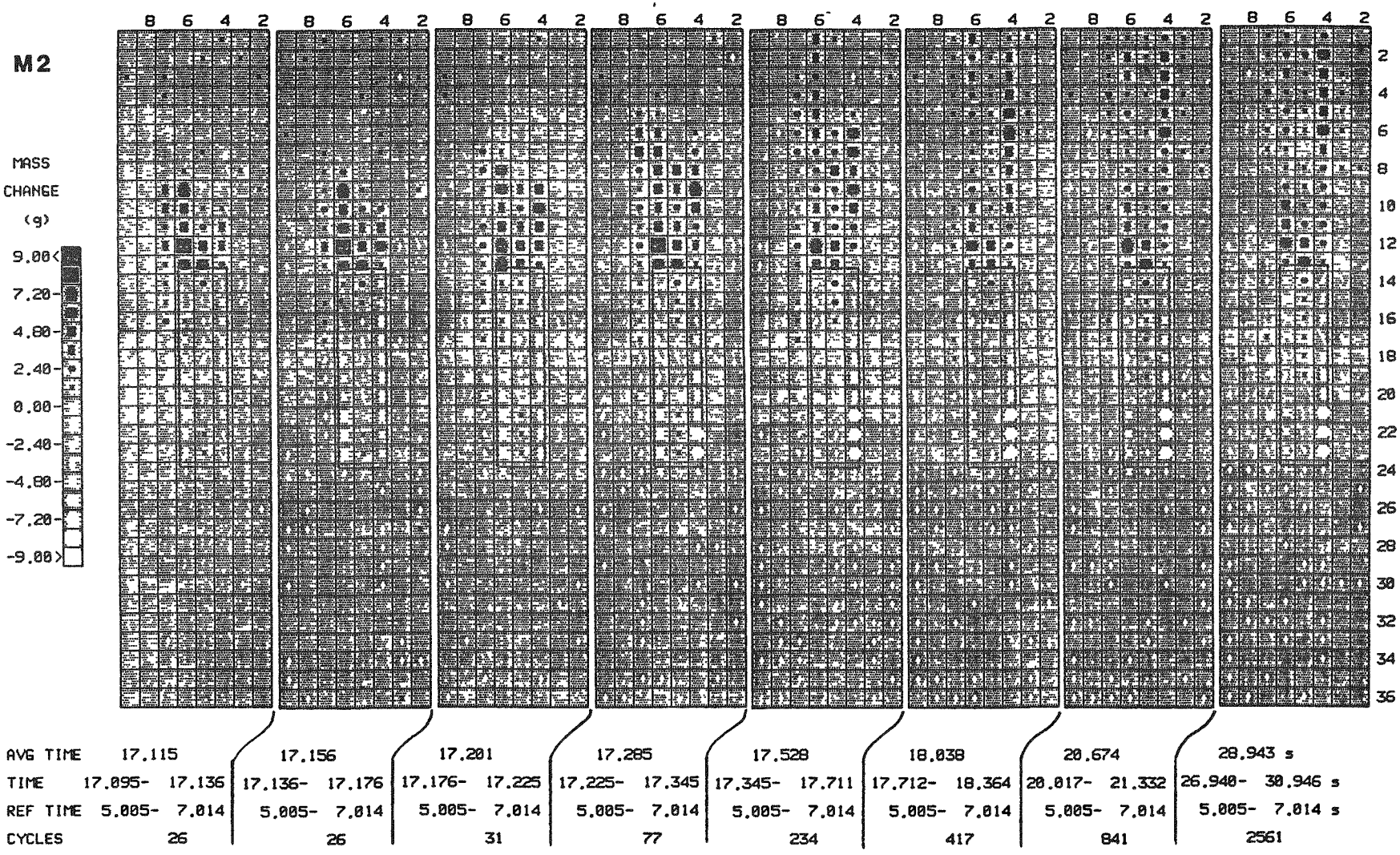


Fig. 7.10. Continuation of the preceding figure, for times after 17.1 s.

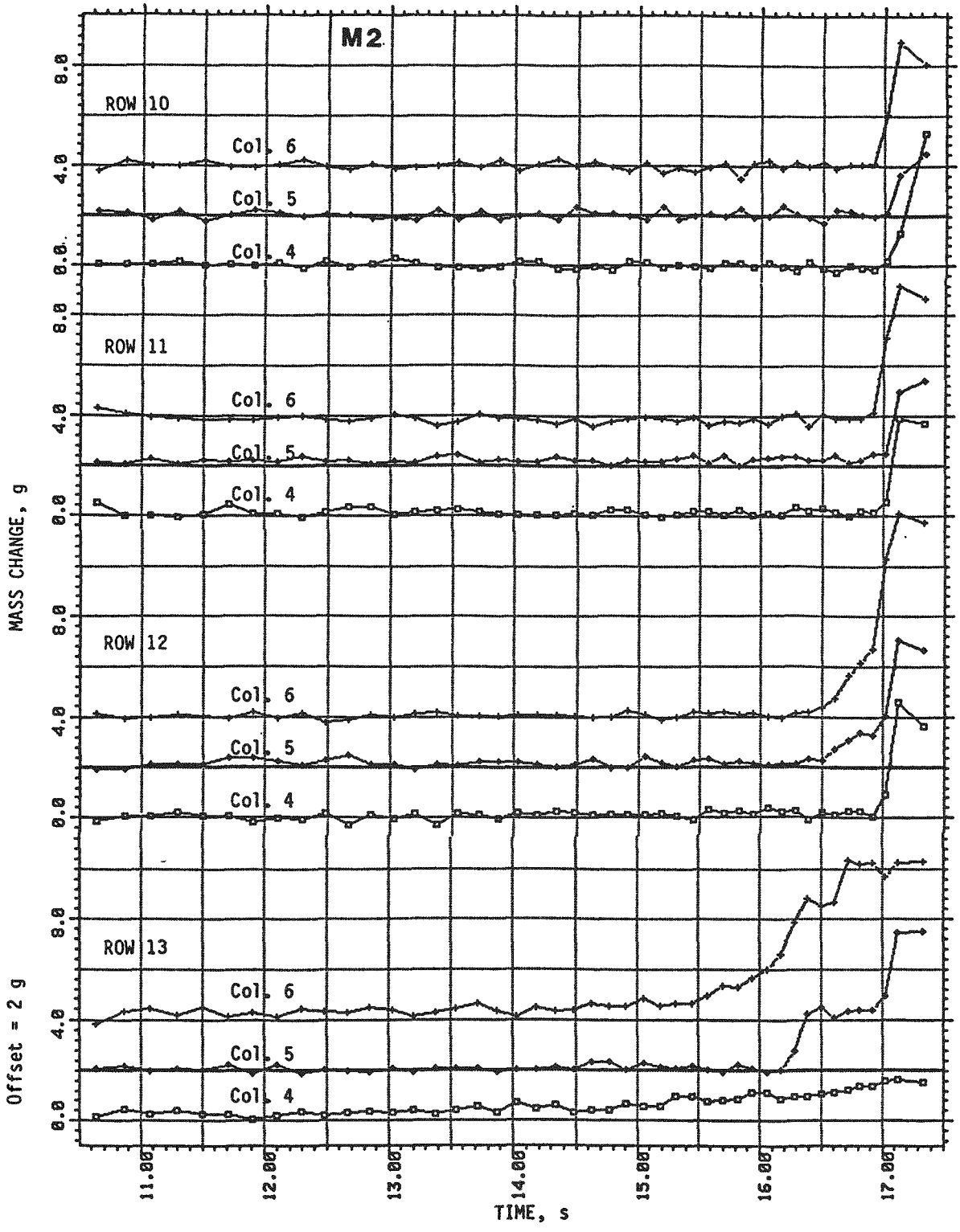


Fig. 7.11. Time plots of the signal from hodoscope channels at and above the tops of the M2 test-fuel pins. Times 11.5–17.5 s. This figure and the next four contain "R/A difference plots": the signal for each channel has had subtracted from it the average value over a reference interval that consists of the 5–7 s period. An approximate mass scale is indicated. The curves for Columns 5 and 6 are offset by 2 and 4 grams, respectively.

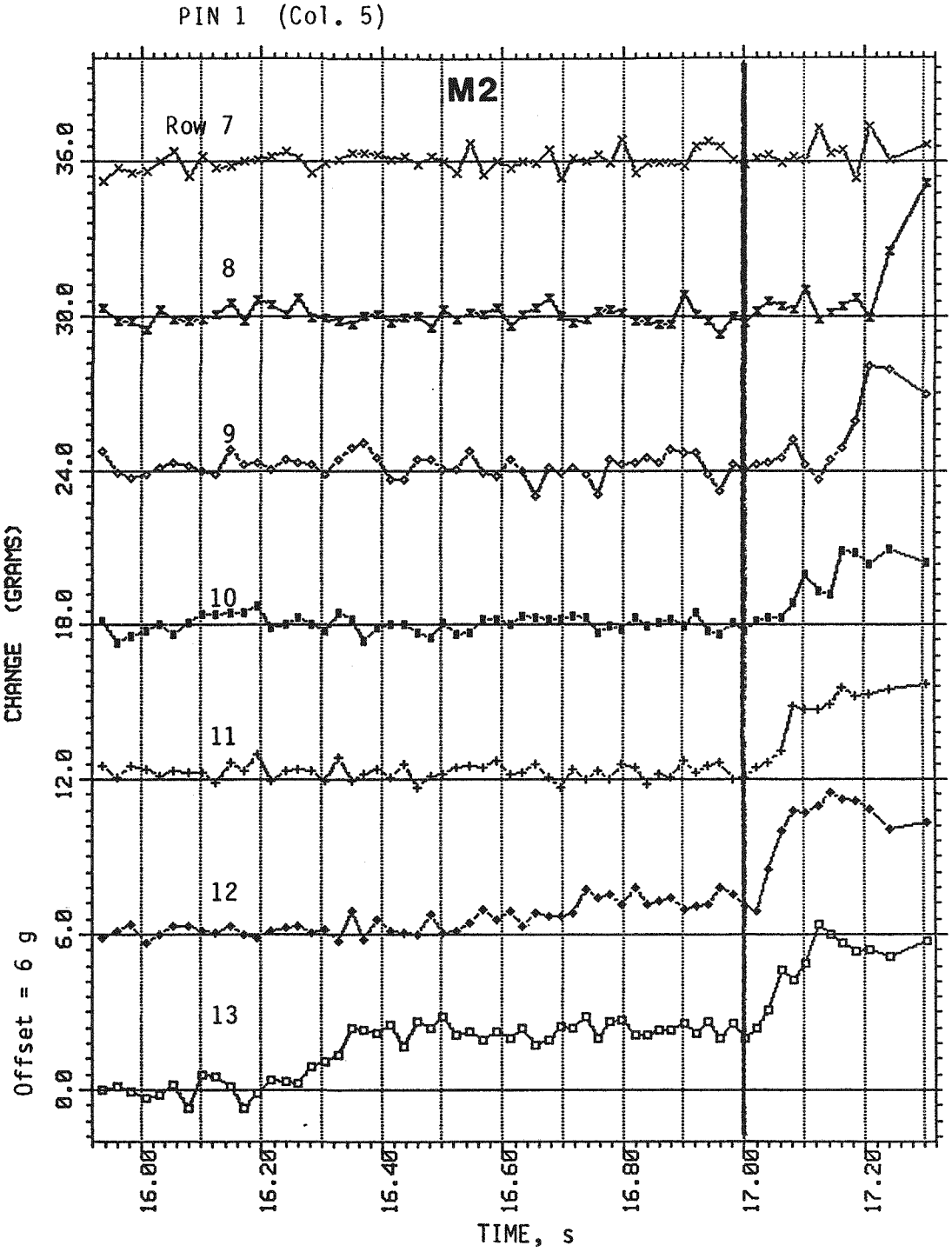


Fig. 7.12. R/A difference plots, expanded time scale, for the detectors in Rows 7–13 of Col. 5, Test M2. Most of Pin 1 was in Col. 5, and all the non-background signal in the detectors in Col. 5 was due to Pin 1. The heavy line at 17 s marks the transition from simple fuel-column lengthening to more rapid relocation.

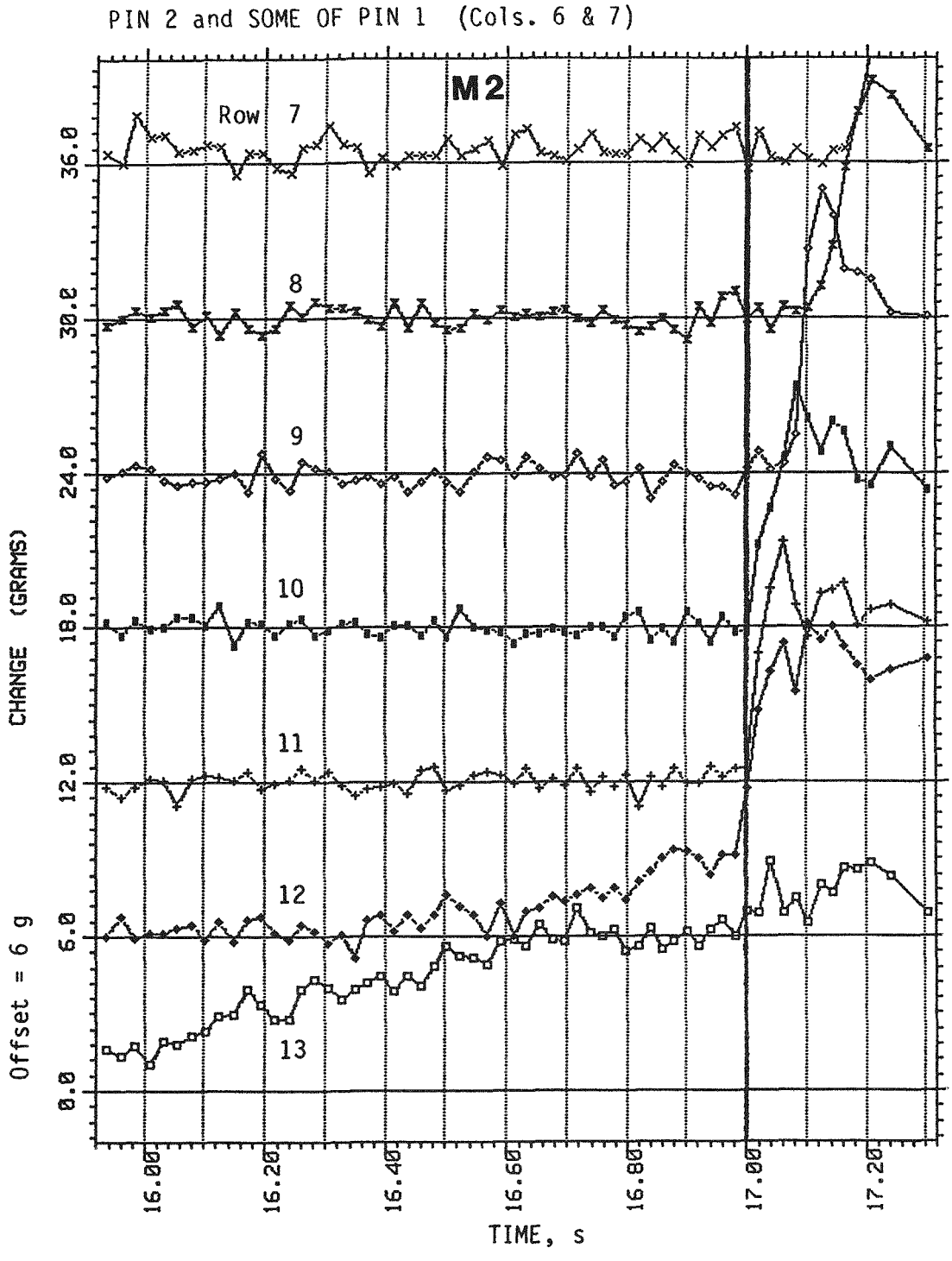


Fig. 7.13. Difference plots for the detectors in Rows 7–13 of Cols. 6 & 7, Test M2. Pin 2 started out in Col. 6 and oscillated in and out of Col. 7 during the transient. The signal in Col. 6 includes a contribution from Pin 1.

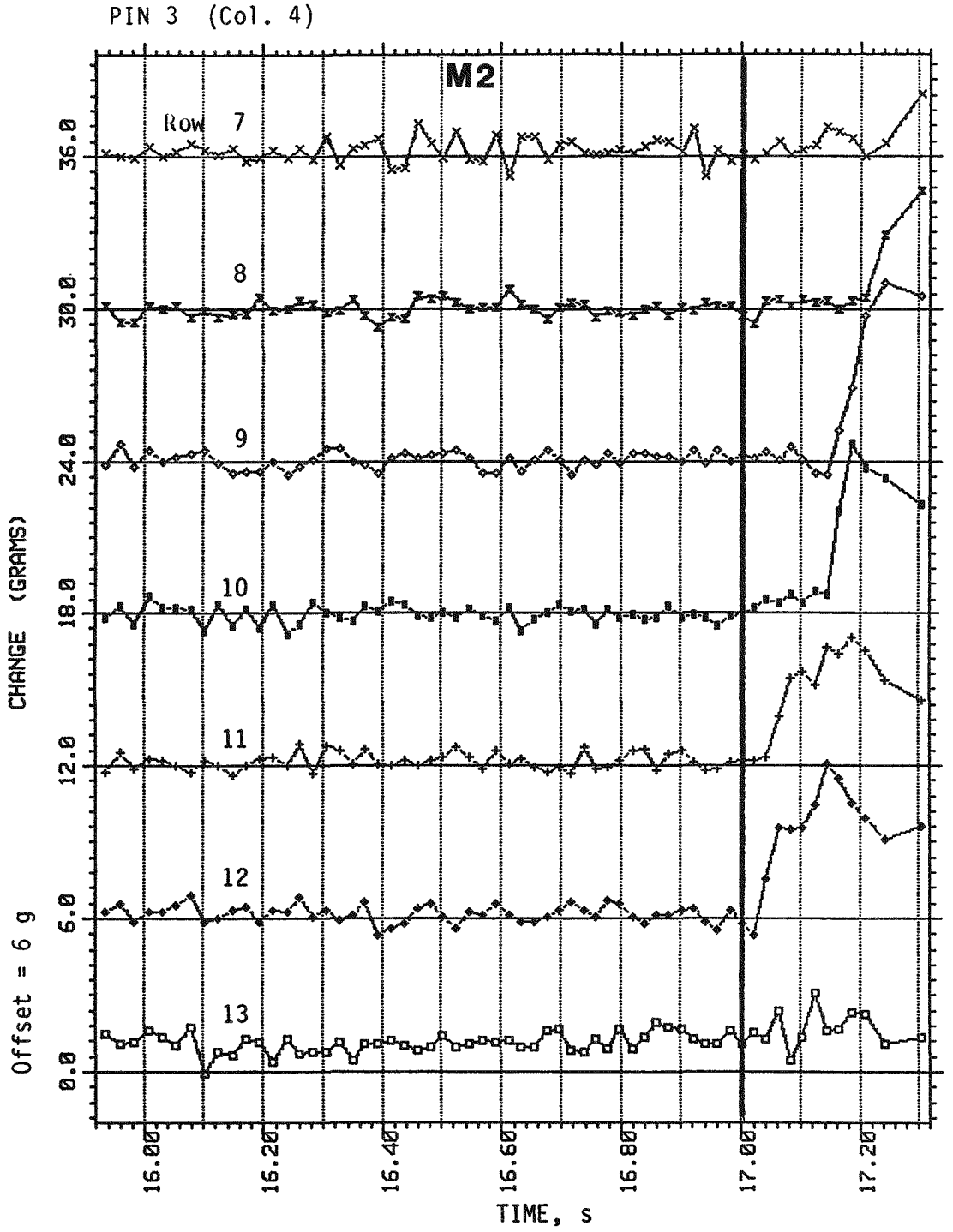


Fig. 7.14. Difference plots for the detectors in Rows 7–13 of Col. 4, Test M2. All the non-background signal in this column was due to Pin 3.

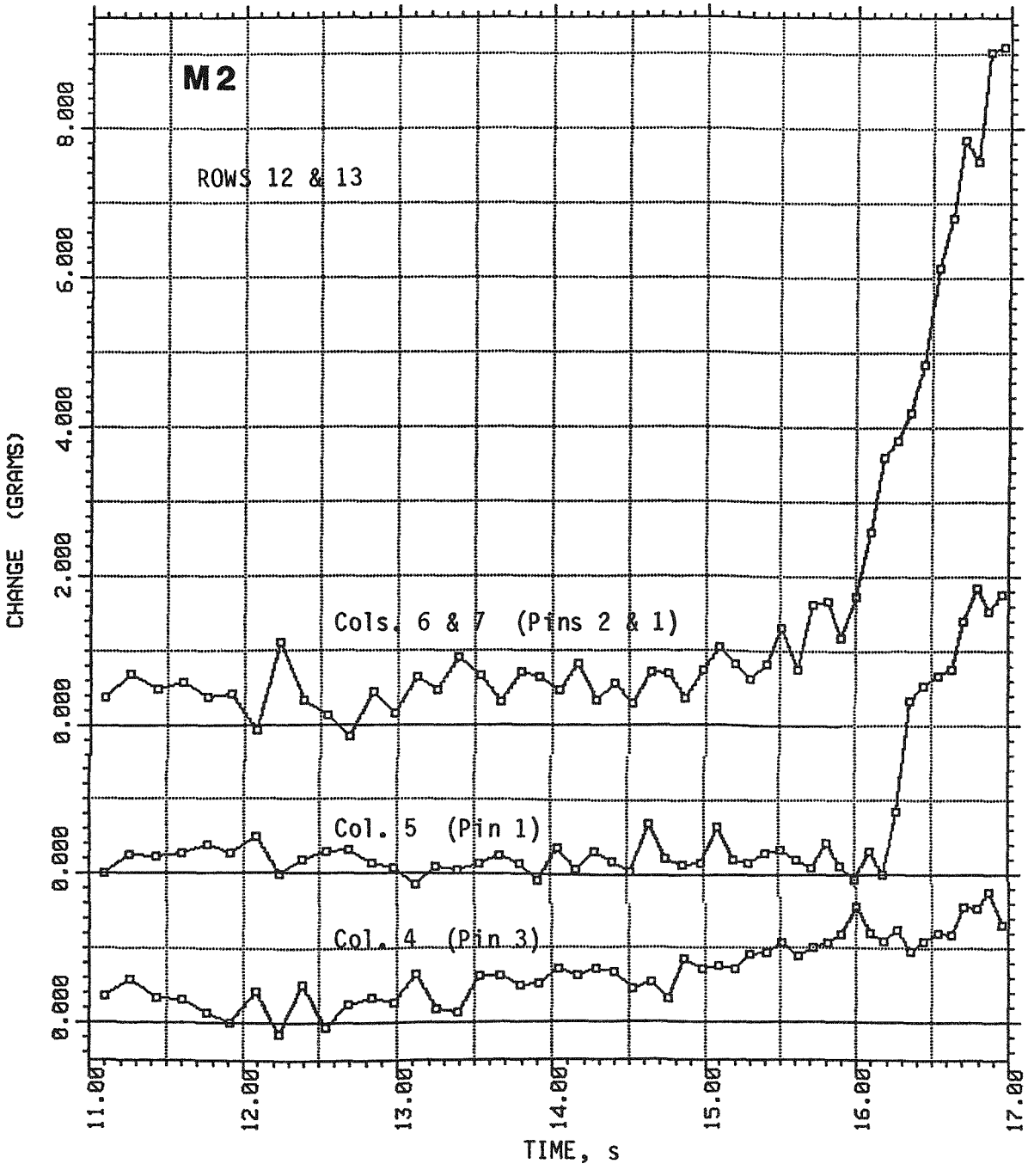


Fig. 7.15. Counting-rate increases above the initial top of the fuel columns, for the pin-lengthening phase of Test M2. Only Rows 12 & 13 of Cols. 4–7 were involved in these increases. The zero reference interval is the period 5–7 s.

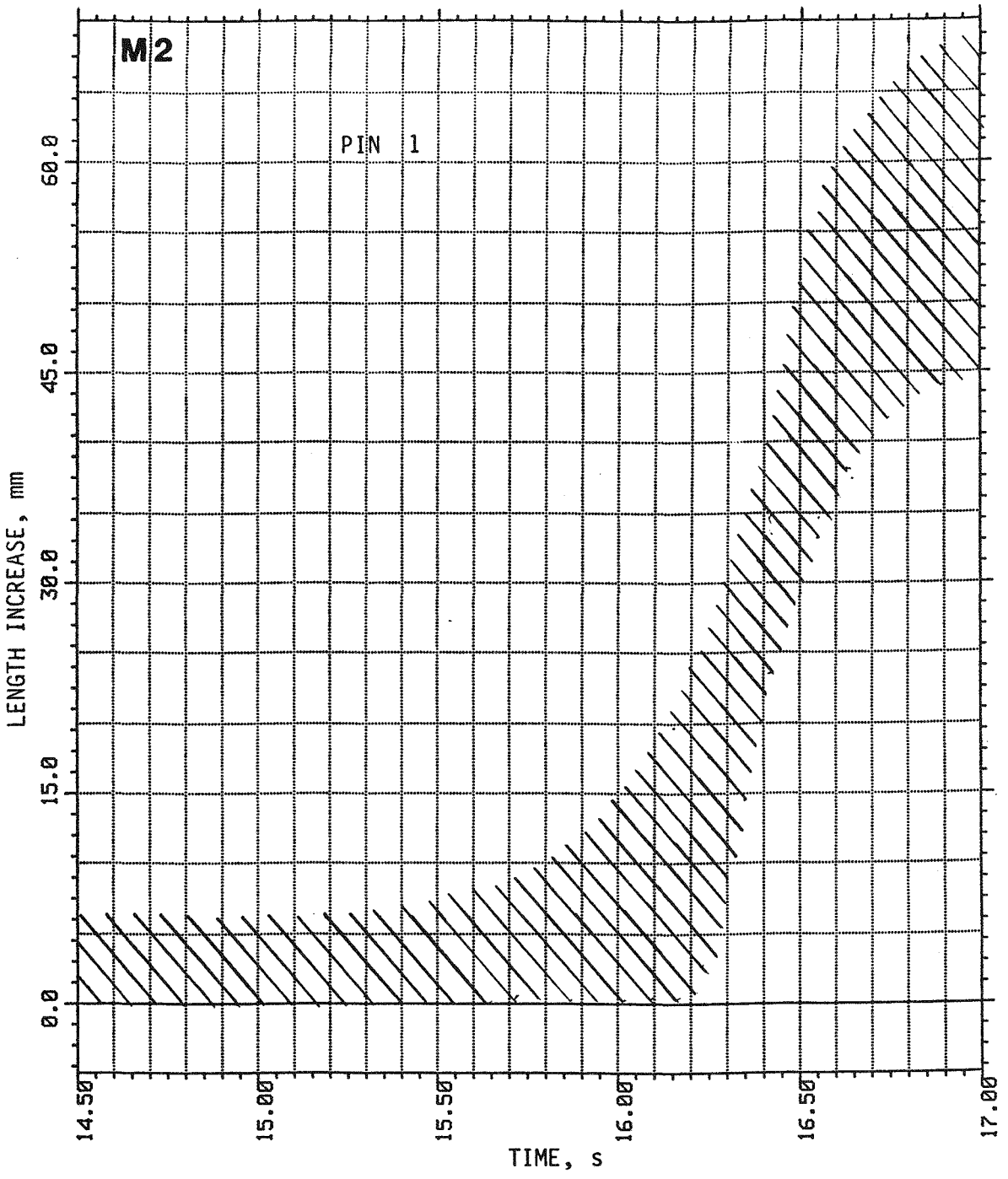


Fig. 7.16. Lengthening of Pin 1, Test M2, prior to rapid fuel dispersal, based mainly on the data from Rows 12 & 13 of Col. 5. (Column 5 included fuel from no other pin except #1.) The shading marks the estimated region of uncertainty.

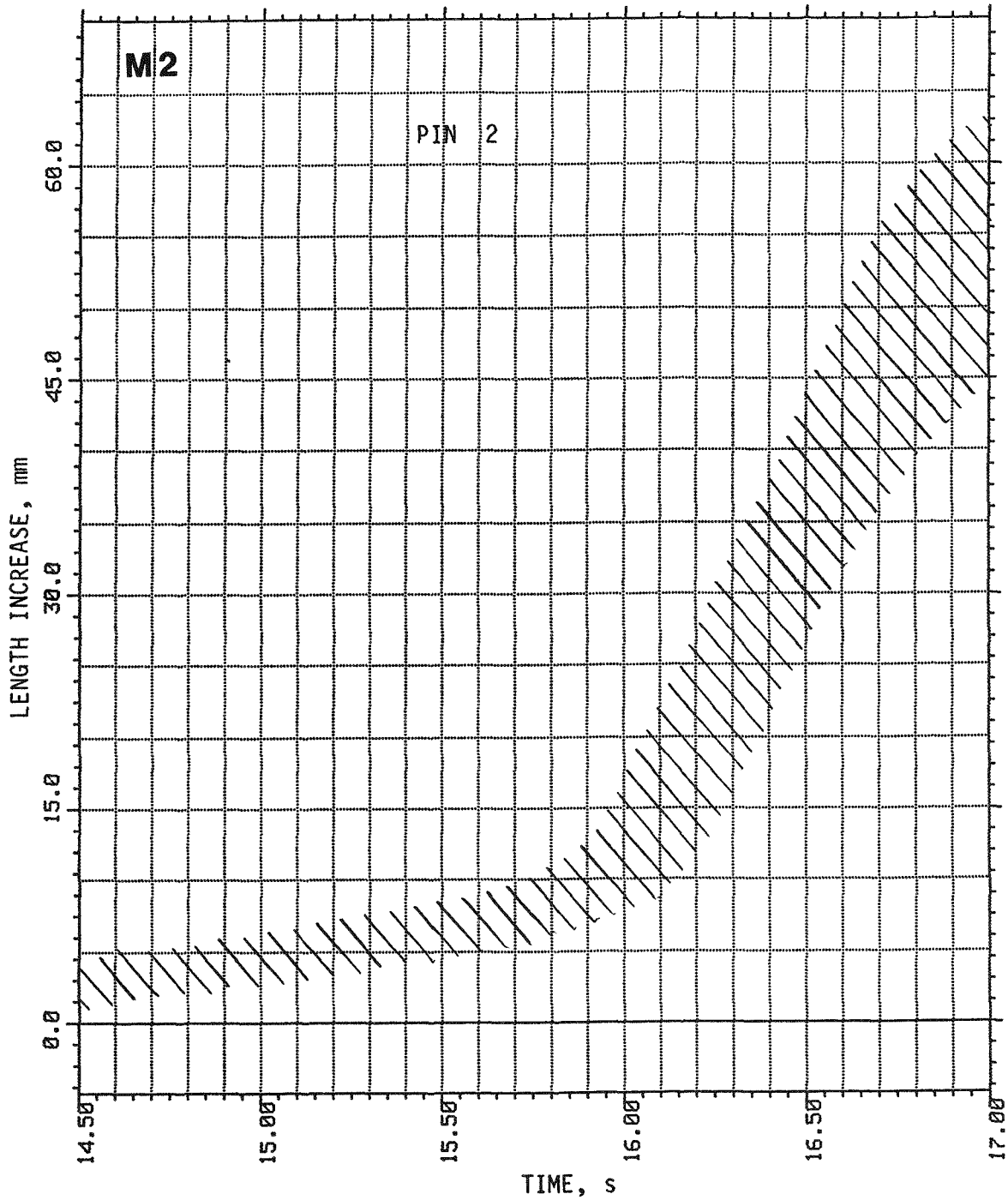


Fig. 7.17. Lengthening of Pin 2, Test M2, prior to fuel dispersal, based mainly on the data from Rows 12 & 13 of Cols. 6 & 7. The estimated contribution from Pin 1 has been subtracted.

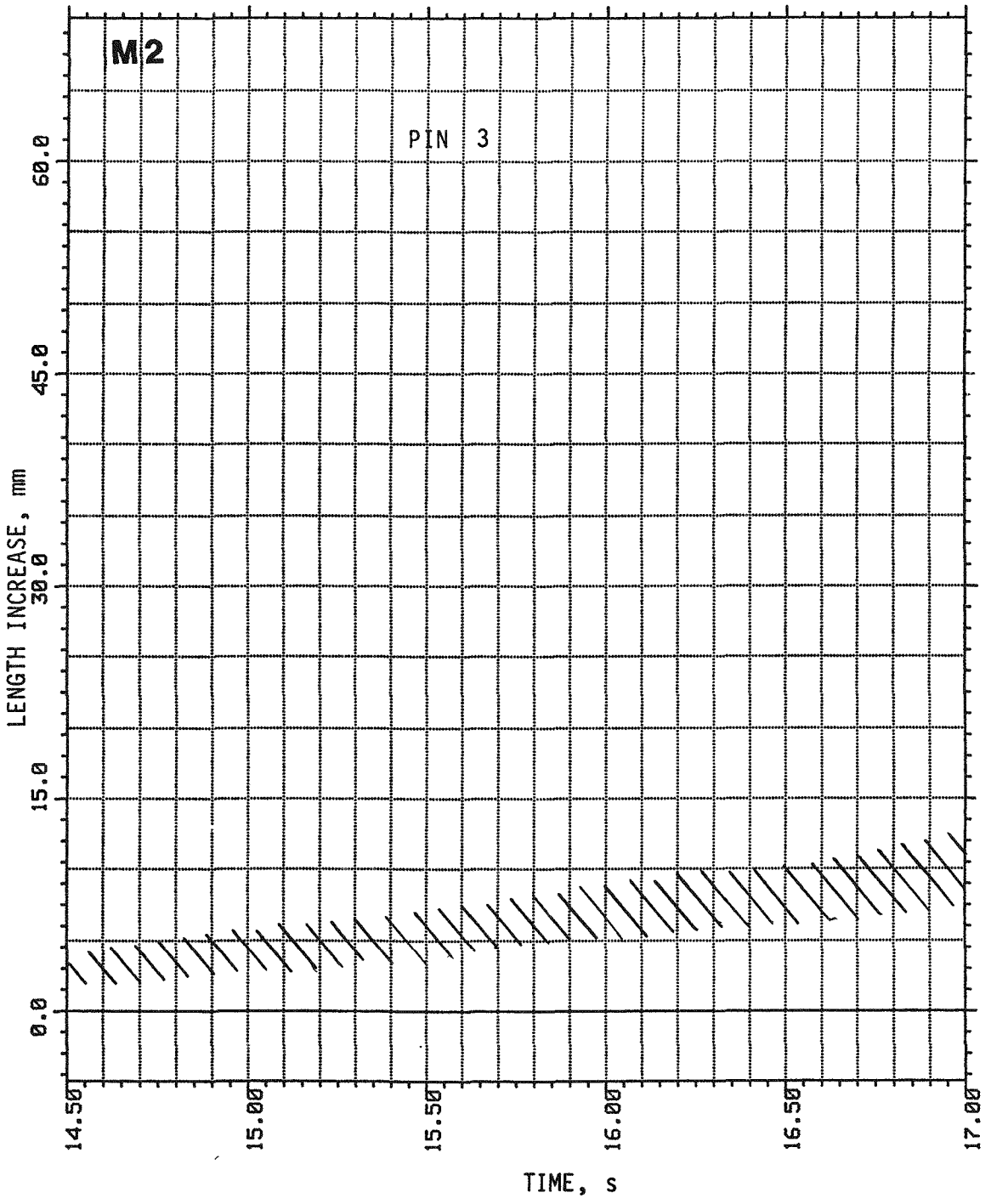


Fig. 7.18. Lengthening of Pin 3, Test M2, prior to fuel dispersal, based mainly on the data from Rows 12 & 13 of Col. 4. (Column 4 encompassed Pin 3 only.)

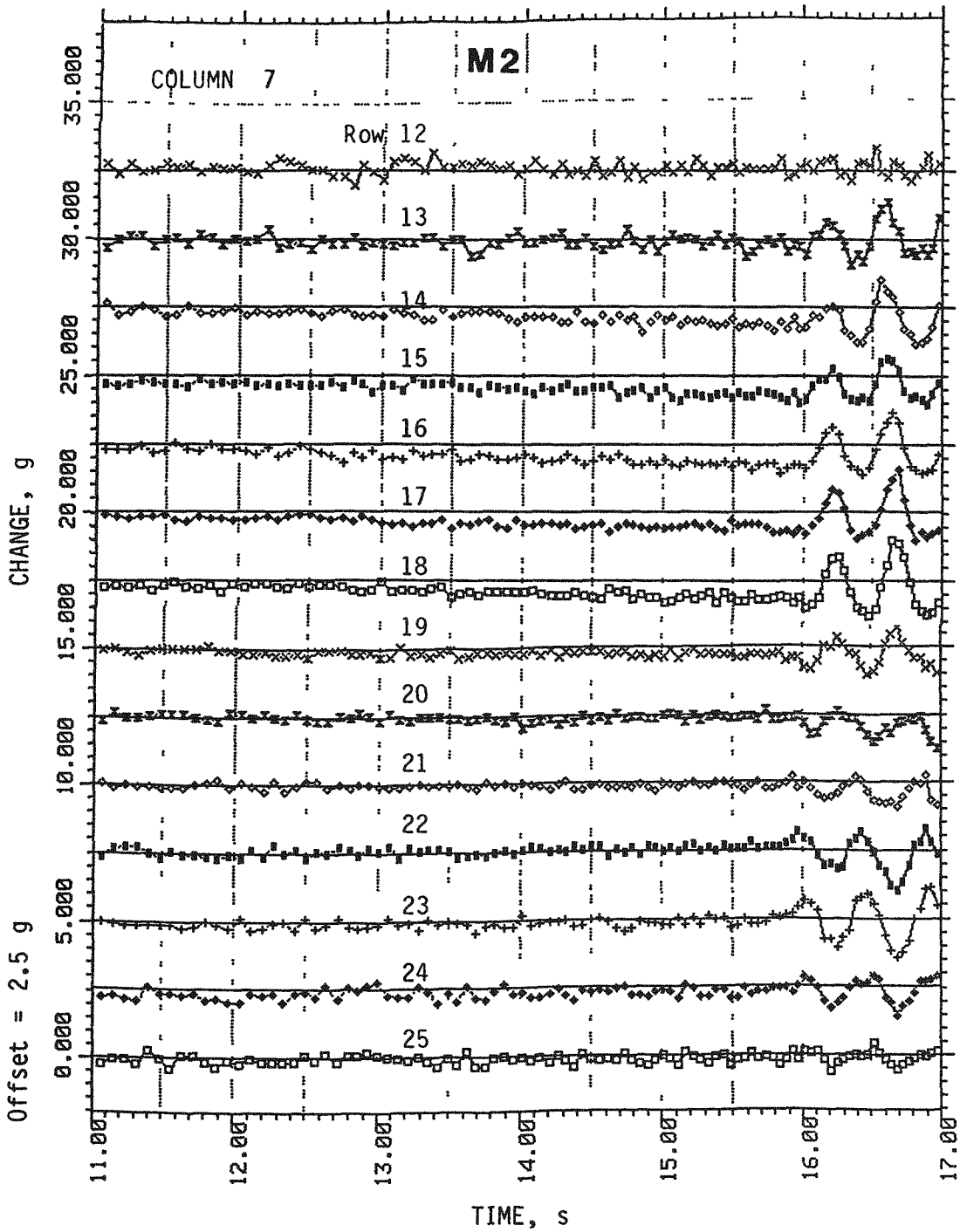


Fig. 7.19. R/A difference plots for Rows 12–25 of Col. 7, Test M2, for the 6-s interval preceding rapid fuel dispersal. The reference period is 5–7 s. The oscillations that set in at 16 s are caused by squirming of Pin 2.

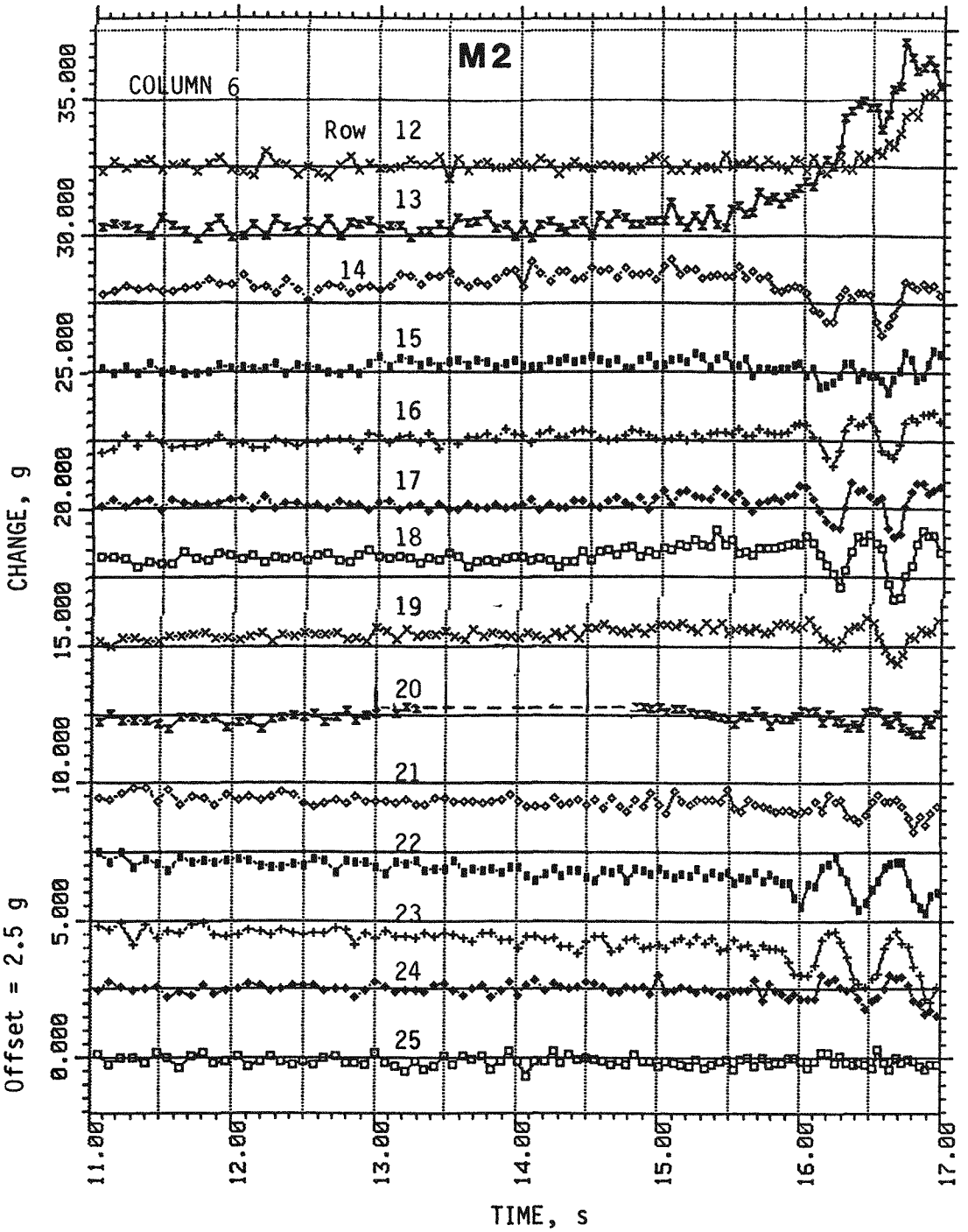


Fig. 7.20. R/A difference plots for Col. 6, Test M2. Comparison with the similar plots for Col. 7 shows that the gains and losses in the two columns largely offset one another, indicating that Pin 1 did not squirm like Pin 2.

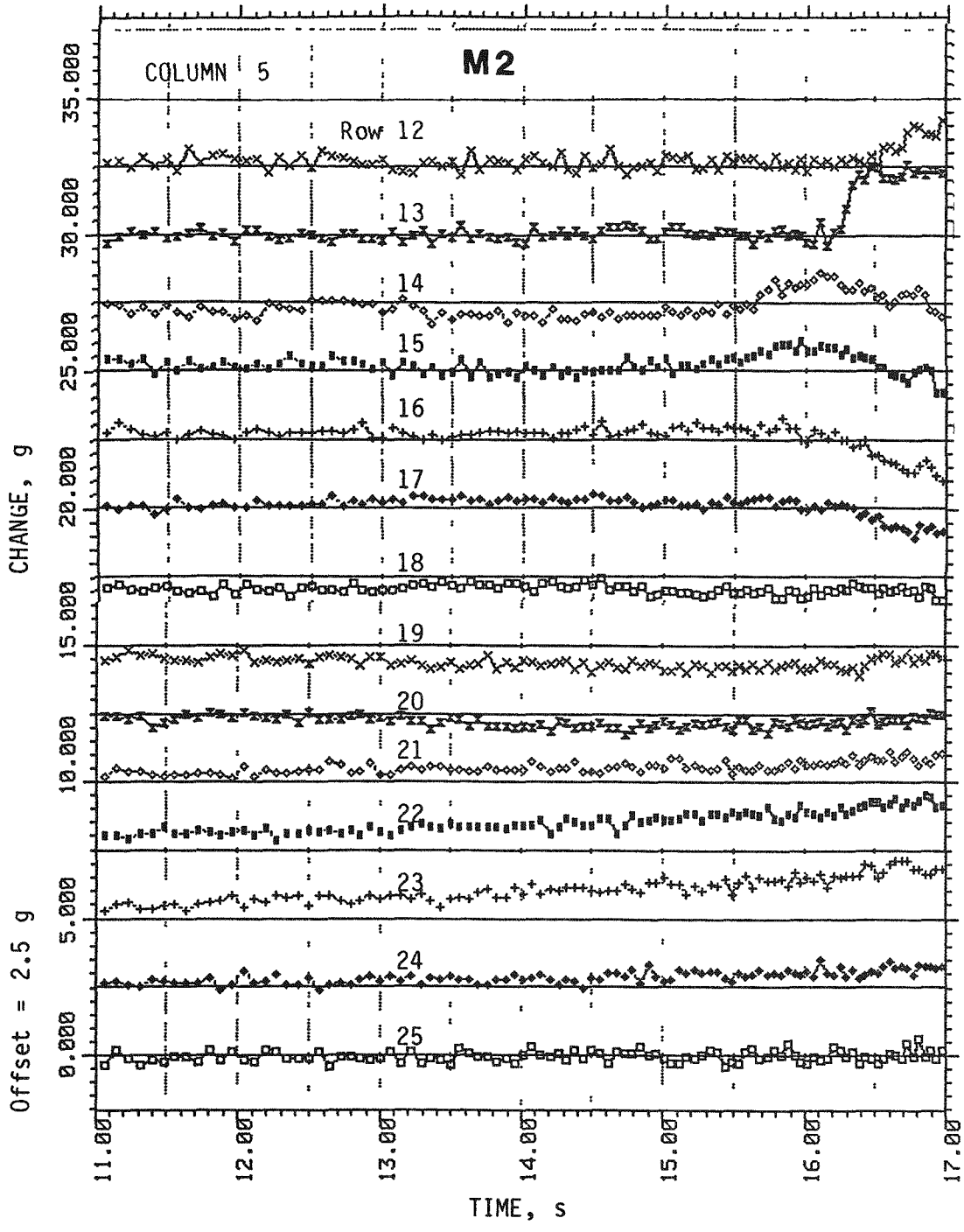


Fig. 7.21. R/A difference plots for Col. 5, Test M2. This column viewed mainly Pin 1, with possibly a very small contribution from Pin 3. No active squirming can be seen, but the slow gains and losses in some of the rows are evidence of gradual S-shaped bending.

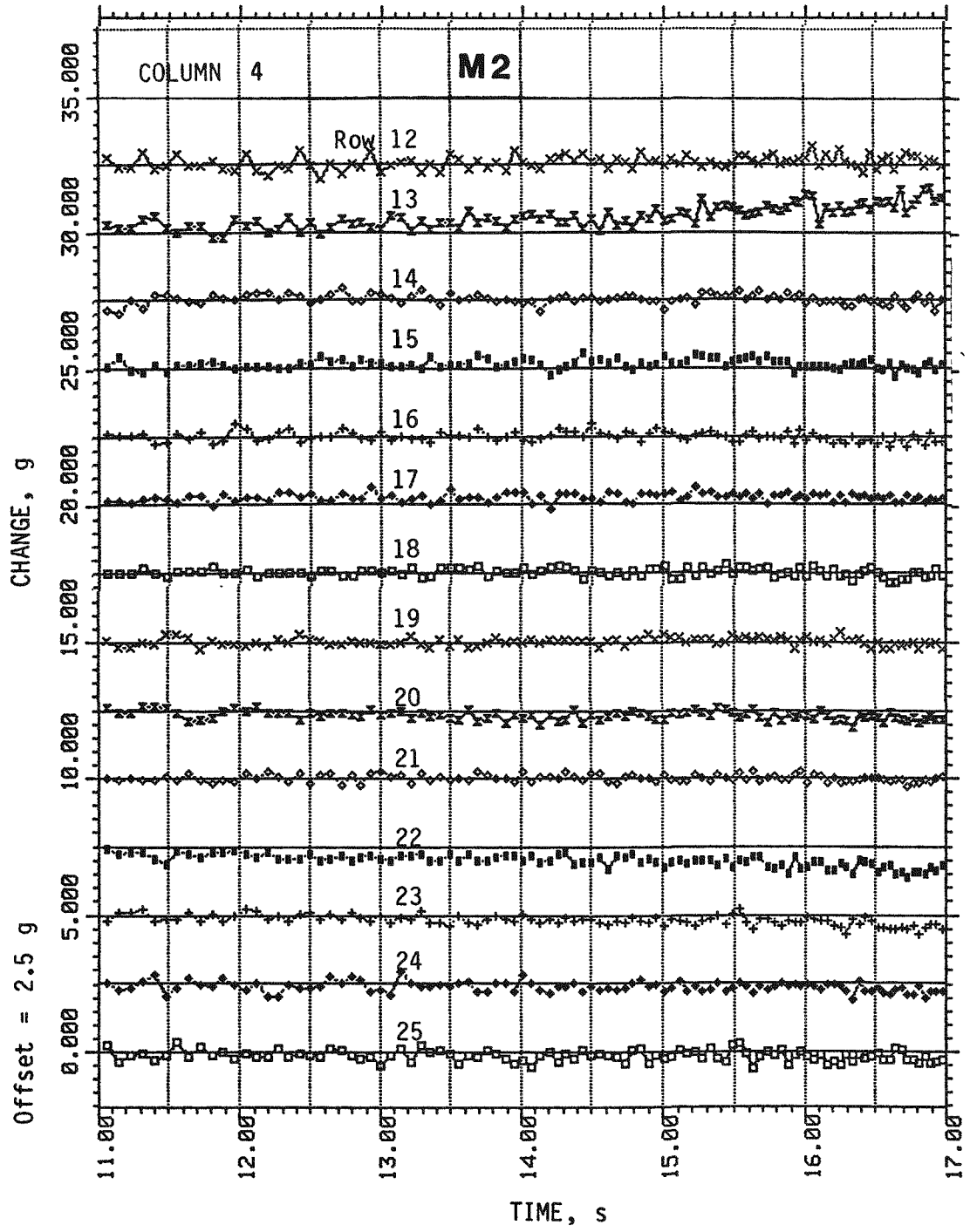


Fig. 7.22. R/A difference plots for Col. 4, Test M2. This column viewed only Pin 3. The gradual losses in Rows 22 and 23 could indicate that the lower part of Pin 3 drifted eastward (toward Column 5).

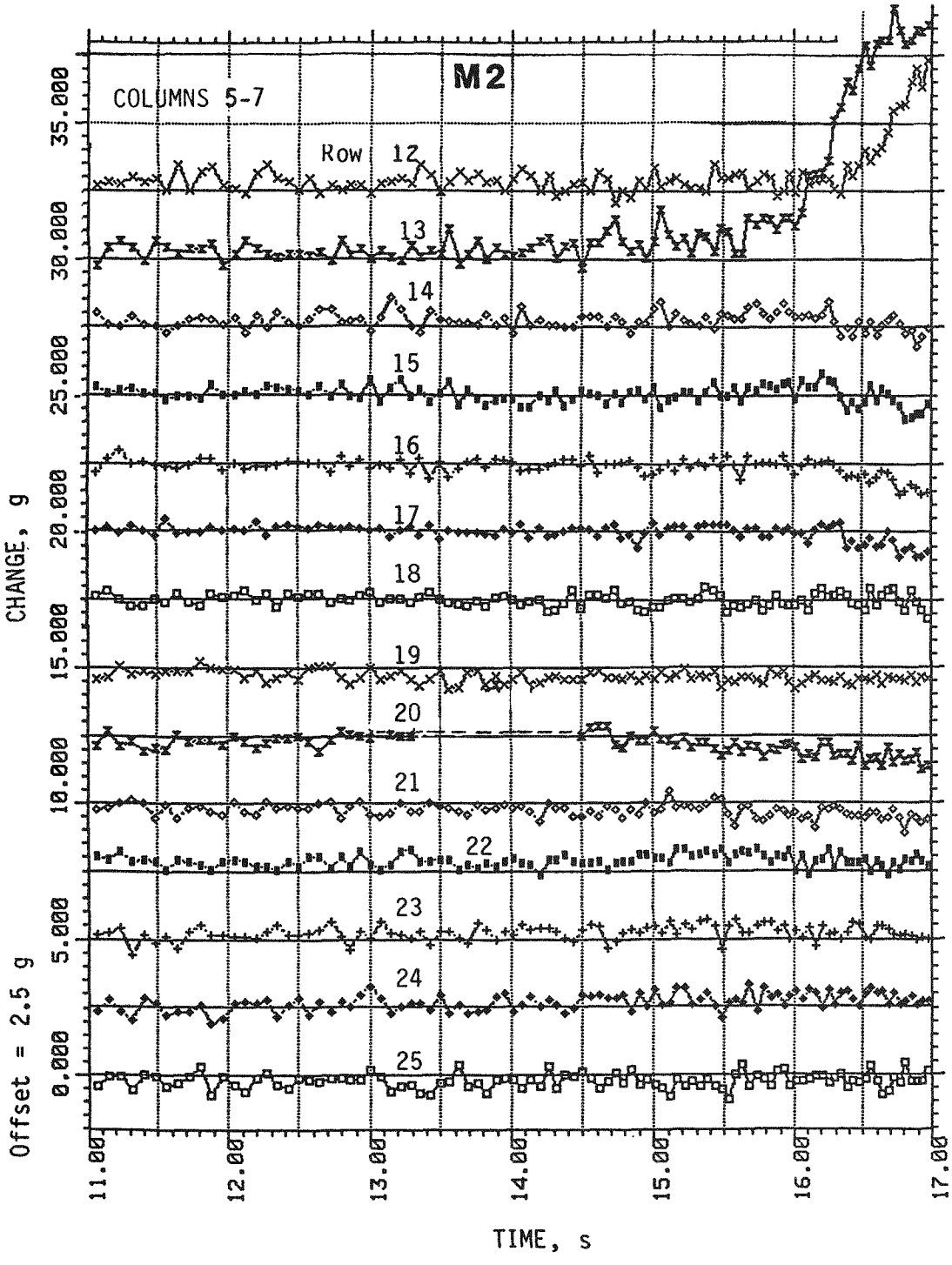


Fig. 7.23. Difference plots for Cols. 5, 6, & 7 combined, Rows 12–25, Test M2. Because this lateral region included all of Pins 1 & 2, their squirming had little effect on the combined signal, and the evidence of the oscillations is largely washed out.

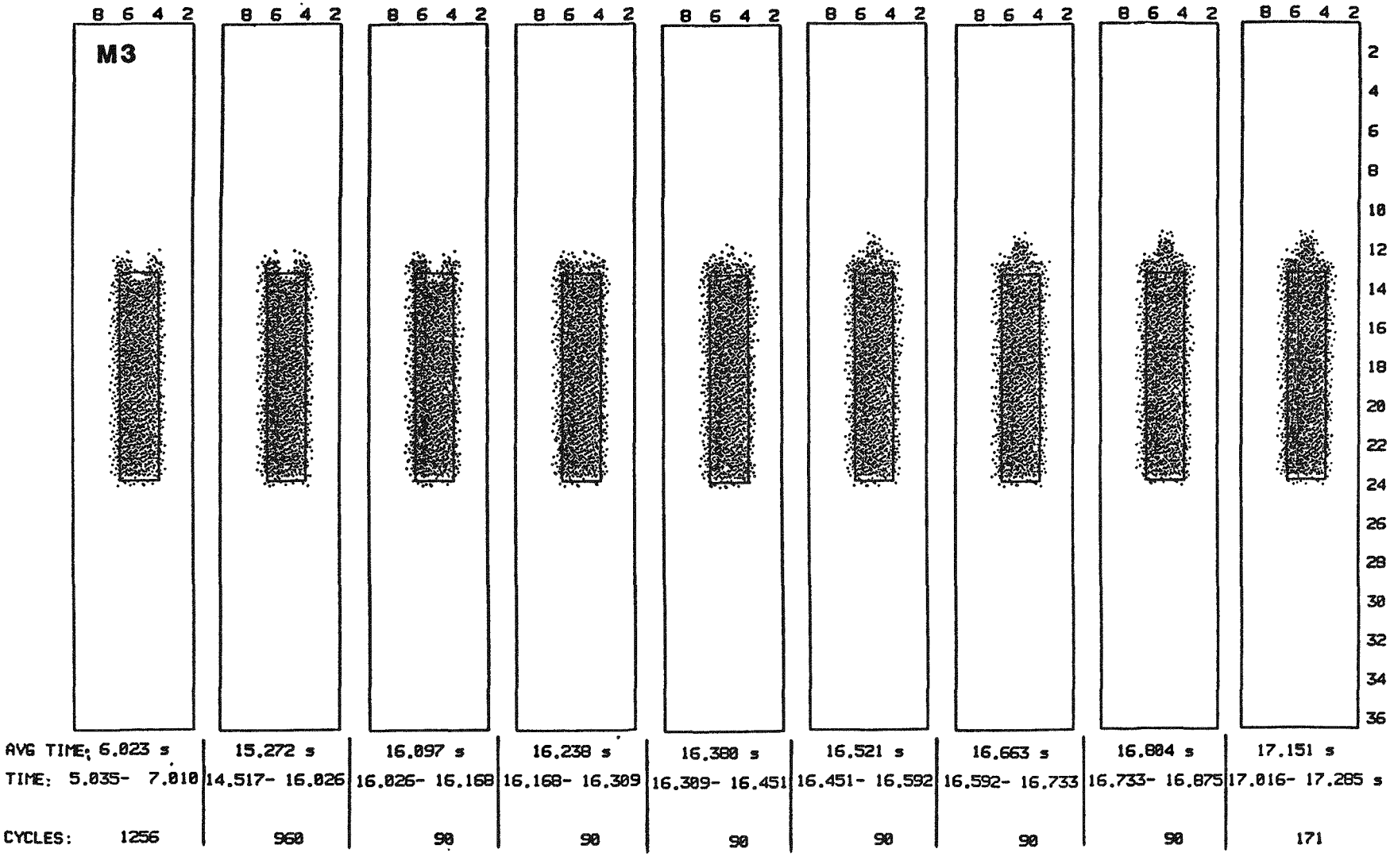


Fig. 7.24. Analog representation of the distribution of the M3 test fuel at selected times throughout the transient. The first frame shows the undisturbed fuel at the start of the test.

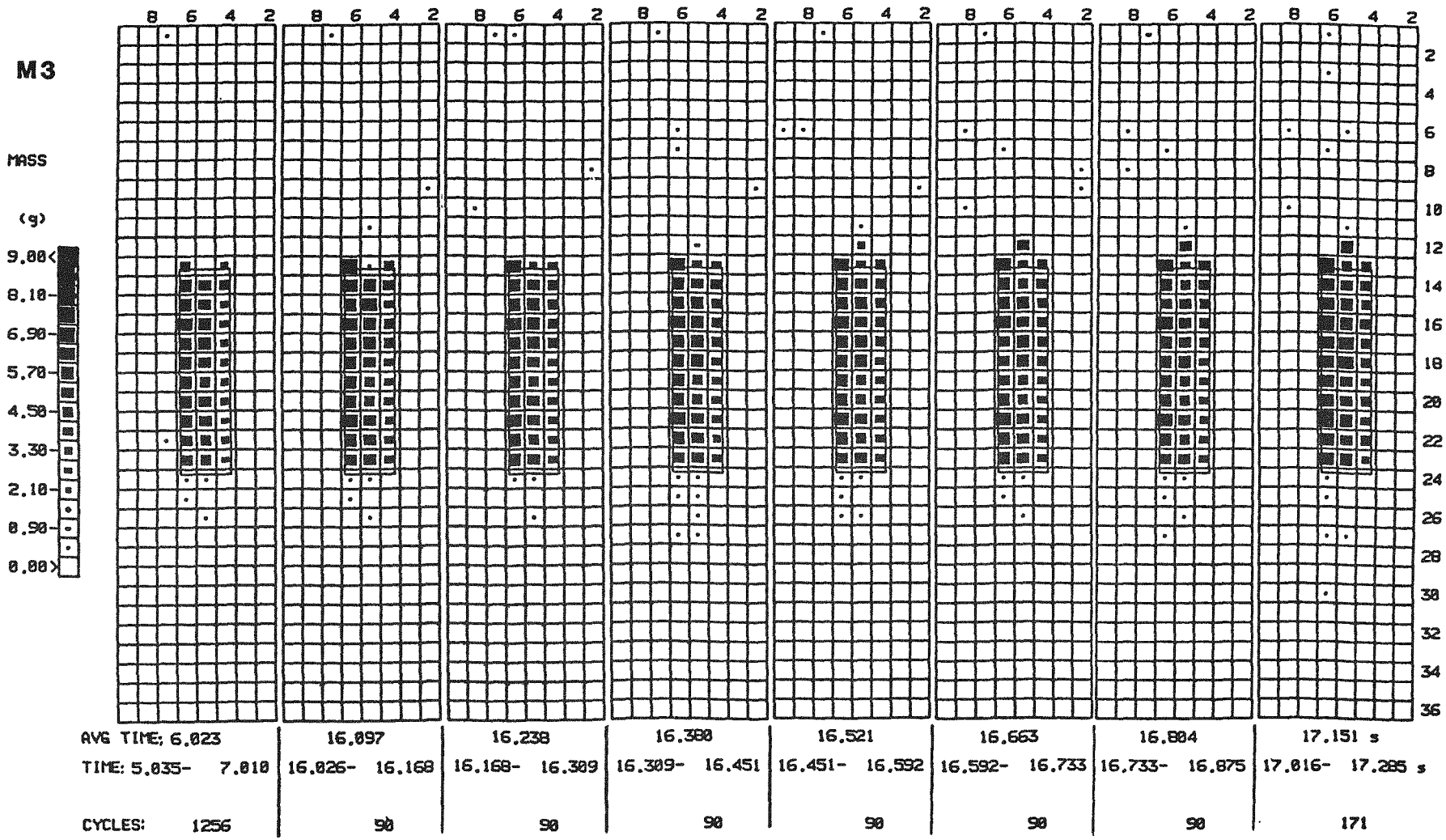


Fig. 7.25. Integral-hodograph representation of the M3 test-fuel distributions at selected times during the test. The first frame shows the undisturbed fuel at the start of the test.

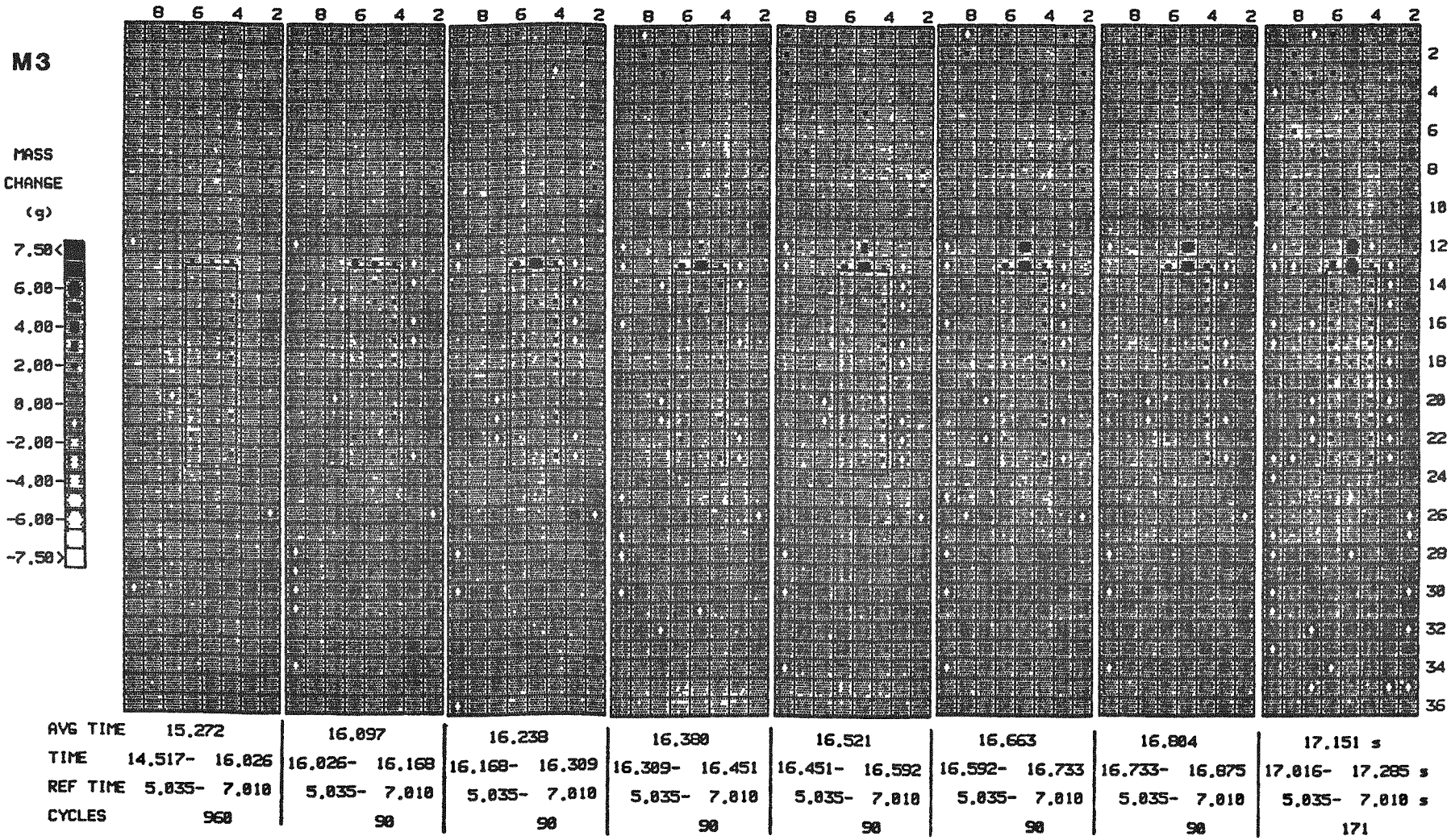


Fig. 7.26. Differential hodographs showing changes in M3 test fuel configuration. A black spot shows an increase in (power-normalized) signal with respect to the reference interval (first frame), and a white spot a decrease. The reference interval is a 2-s period just after the initial power rise, before appreciable fuel motion had occurred.

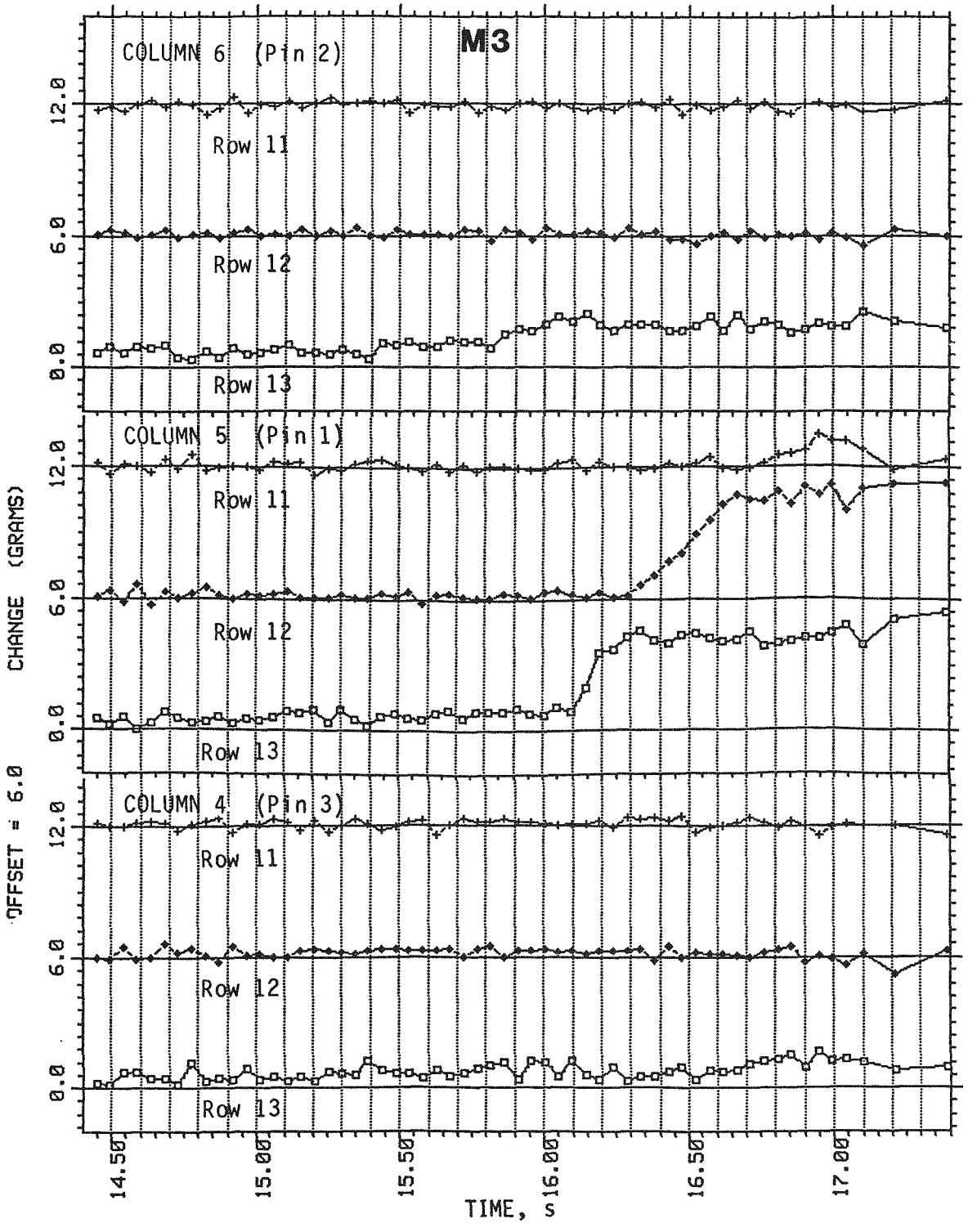


Fig. 7.27. R/A difference plots for hodoscope channels at and above the tops of the M3 test-fuel pins. Times 14.4–17.4 s. From the signal for each channel is subtracted its average value over a reference interval that consists of the 5–7 s period. An approximate mass scale is indicated. The curves for Rows 11 and 12 are offset by 12 and 6 grams, respectively.

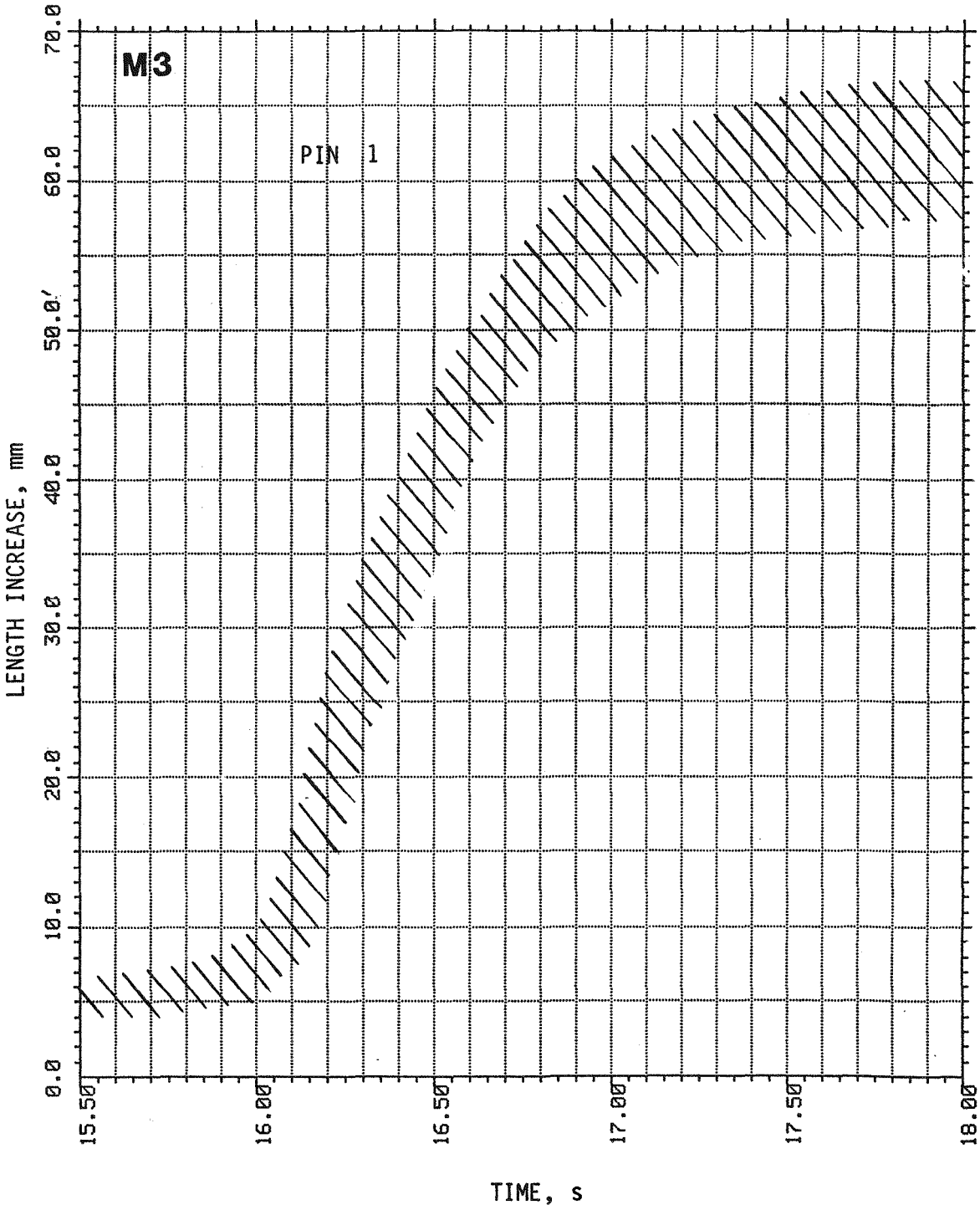


Fig. 7.28. Lengthening of Pin 1 in Test M3, based on the data from Rows 11–13 of Col. 5. The shading marks the estimated region of uncertainty.

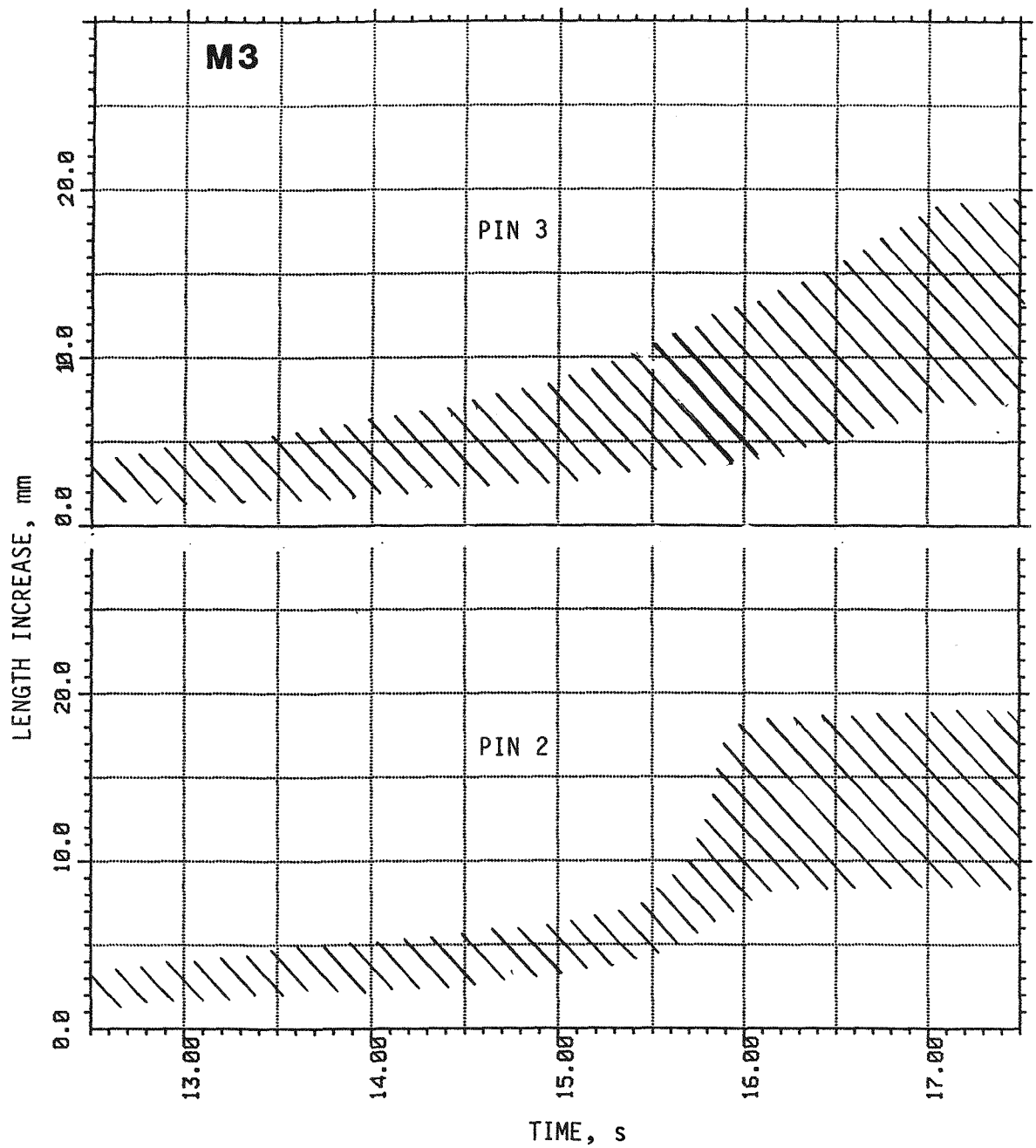


Fig. 7.29. Upper figure: Lengthening of Pin 3 in Test M3, based on the data from Row 13 of Col. 6.
Lower figure: Lengthening of Pin 2, based on the data from Row 13 of Col. 4.

8.0 POSTTEST NEUTRON RADIOGRAPHS

After the tests were performed, neutron radiographs were taken of the M2 and M3 loop test sections and of the M2 loop pump leg. Figure 8.1 shows the posttest neutron radiographs of the test-fuel region and the lower and upper bends of the loops. The radiographs show that, in the M2 test, Pins 2 and 3 were destroyed and the cladding of Pin 1 apparently was not breached. In the M3 test, the cladding of the three pins appear to have maintained their integrity. In the M2 test, the debris of the fuel-cladding mixture from the ruptured Pins 2 and 3 flowed upward and almost reached the upper pressure transducer port. There is no evidence that fuel-cladding debris was dispersed downward. No debris was found in the pump leg or lower bend. The measurements from the radiographs show the net axial growth of Pin 1 in the M2 test to be 62 mm, that of Pin 1 in the M3 test 66 mm, and that of Pins 2 and 3 in the M3 test 1 mm. Because Pins 2 and 3 were destroyed in the M2 test, no measurement of the growth of these pins can be made from the radiograph.

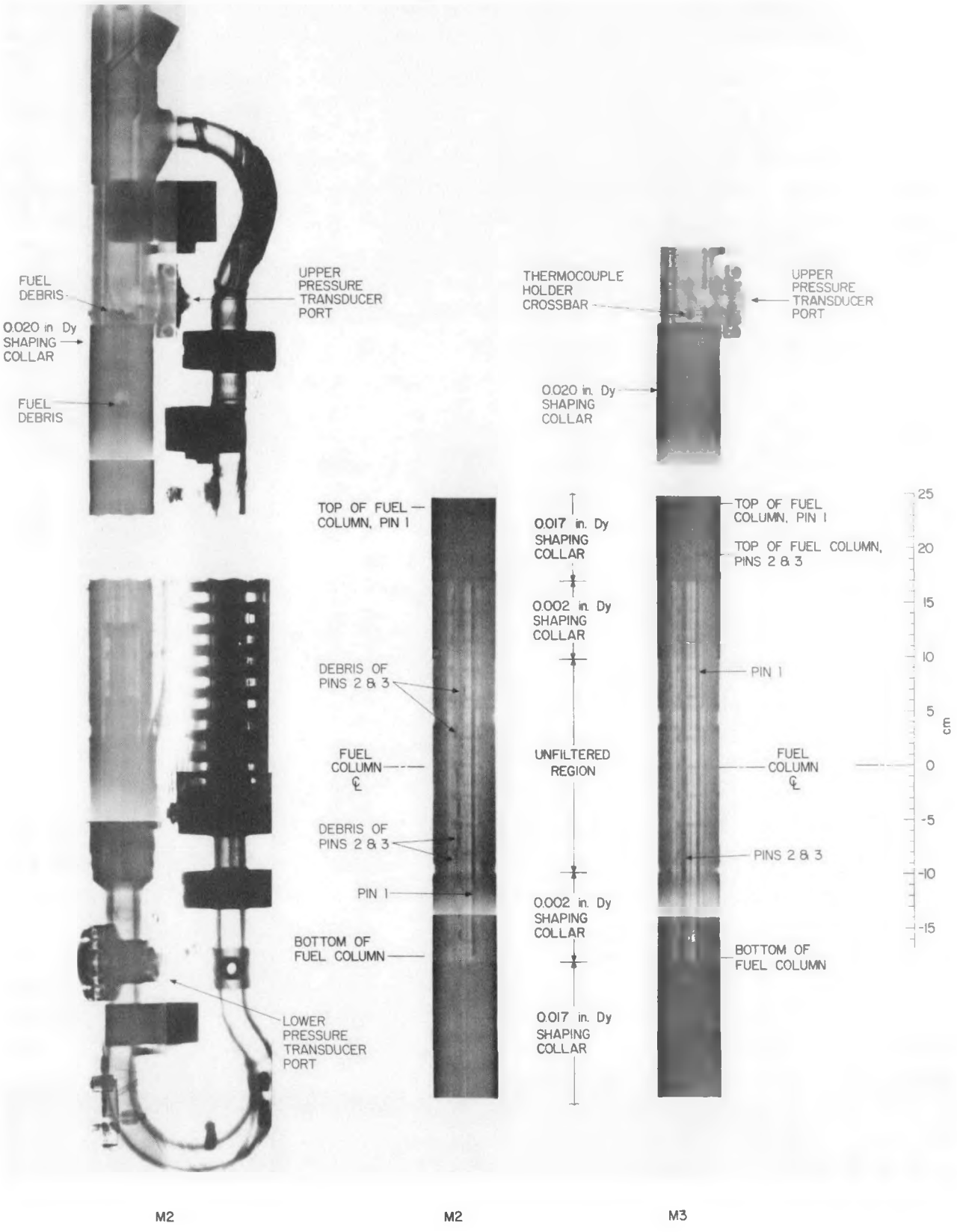


Fig. 8.1 Posttest Neutron Radiographs of M2 and M3 Loops showing Test-Fuel Region and Upper and Lower Bends

9.0 SUMMARY AND CONCLUSIONS

9.1 Event Sequence in the Overpower Transients: Comparison of Expectations and Results

A capsule summary of events that took place during the overpower transients is presented in Tables 9.1 and 9.2. Information included is from analysis of test instrument data and the hodoscope, annotated by selected results from calculations. In general, the events that occurred are in reasonable agreement with pretest expectations.

The power transient imposed on the test fuel was very close to that planned. In M2, when cladding failures occurred, power was shut down within about 150 ms of their initial detection. Test hardware and instrumentation performed well except for unexpected difficulty in interpreting thermocouple data apparently due to the wire wrap support of the fuel pins within the flowtubes. The hodoscope successfully monitored in-pin fuel relocation prior to cladding failure as well as post-failure dispersal. Pressure transducers and flowmeters clearly indicated cladding failures, and the measured perturbation of inlet coolant flow was used on-line in M2 to generate the signal that shut down the power transient.

Thermal performance of the test fuel was consistent with pretest modeling concepts, measured flows, power and nominal reactor-to-fuel coupling factors. Cladding failure conditions were bracketed by the two tests for the medium- and high-burnup pins, but for the near-fresh pin neither test caused cladding breach. Pretest models used to predict cladding failure threshold, anticipating extensive fuel melting and penetration of the cladding by eutectic, were reasonably consistent with observed failures. In-pin pre-failure fuel extrusion was both expected and observed. The observed time-dependence of motion was not calculated by the initial pretest models developed to describe fuel extrusion. However, after being modified posttest to incorporate reasonable initiation criteria and sodium bond boiling, the models were able to describe both the timing and magnitude of pre-failure fuel relocation.

The rapid dispersal of fuel associated with the cladding failure of the medium- and high-burnup pins in M2 was not anticipated. The measured test section pressurizations associated with these events strongly indicate sodium vaporization rather than pre-failure pin fission gas pressure as the source of

Table 9.1. Scenario of Events for the M2 and M3 Final Transients

Time, s		Event
0.0	0.0	Start of test. Flow rates: M2 = 195 cc/s, M3 = 207 cc/s System temperatures: M2 = 629 K, M3 = 632 K
4.9	4.7	Start of preheat flattop power level: (bundle average P_0 = 261 W/g)
6.3	6.1	End of flattop power level. Begin overpower portion of transient with an exponential period of about 8 s.
15	15	Fuel begins to melt (calculations)
15.9	15.9	All five thermocouples above the fuel column midplane along the flowtube of pin 2 (4.4% burnup pin) begin temperature oscillations:

	Amplitude, K	Frequency, cps
M2	100	0.41
M3	33	0.20

15.9	--	Hodoscope measurements indicate lateral oscillations of pin 2 having a period of 0.4 - 0.5 s, with fuel top moving in direction opposite to fuel bottom. Axial center of oscillation is at Z/L = 0.3.
17.0		Hodoscope indicates fuel axial growths in M2 of about 16% in near-fresh pin 1, about 15% in pin 2 and about 3% in pin 3. Calculations indicate fuel pins about half molten with peak fuel temperature of approximately 1550 K. SEE TABLE 9.2 FOR M2 EVENTS RELATING TO FUEL FAILURES.....
17.15	16.95	Rod pairs T-1 and T-2 are driven back into reactor at maximum rate while all other control rods remain fully withdrawn.
17.17	16.96	Maximum power level is reached: 3.8 P_0. Energy released to this point is about 25 full power seconds.
--	17.0	Hodoscope indicates axial fuel growth in M3 pins of about 18% in pin 1 and about 4% in pins 2 and 3.
17.28	17.02	TC-5 (Z/L = 1.0 on flowtube of pin 1) indicates peak temperature, 1191 K (M2) and 1242 K (M3).
32.4	32.3	End of low power "shelf", all-rod shutdown. Total fuel-pin energy generated in intact pins is about 27 P_0-seconds.

Table 9.2. Events Related to Fuel Failures in the M2 Test

Time, s	Event
17.01	Hodoscope indicates character change in fuel motion of pin 2, from slow axial expansion to an upward spurt of fuel.
17.021	Outlet flowmeter begins sharp flow increase, indicative of cladding breach. Pin power is 3.7 P_o.
17.022	Inlet pressure transducer begins first of two pressure rises. Peak pressure of 0.95 MPa is reached at 17.027 s.
17.023	Perturbations seen in the thermocouple along the flowtube of pin 2 beginning with TC-10 (Z/L = 1.0).
17.024	Inlet flowmeter begins sudden flow decrease. Scram signal generator (SSG) trips.
17.03	Flow cessation indicated by the inlet flowmeter.
17.04	Hodoscope detects beginning of rapid fuel dispersal in pin 3.
17.056	Perturbations seen in the thermocouples along the flowtube of pin 3 beginning with TC-15 (Z/L = 1.0).
17.057	Inlet pressure transducer shows pressure increases of 1.56 MPa and 1.73 MPa, respectively. Sodium vapor pressure at calculated peak fuel temperature is approximately 1.5 MPa. Approximate pre-failure pin pressures calculated for M2 pins: Pin 1: 0.4 MPa Pin 2: 7.0 Pin 3: 19.0 Abrupt flow reversal indicated by the inlet flowmeter.
17.064	Inlet flowmeter reaches maximum negative reversed flow of 270 cc/s.
17.079	Outlet flowmeter indicates maximum flow rate of about 1600 cc/s.
17.09	Total void volume in flowtubes (probably pins 2 and 3 only) reaches maximum of about 70 cc.
17.4	Hodoscope indicates test fuel leaving upper end of field of view. Apparently this is fuel from pins 2 and 3.

this dispersal (see Table 9.2). Thus, sodium that was in intimate contact with fuel either in the bond or logged within porosity seems to have played a significant role in post-failure events. The 0.4-mm-thick flowtube remained intact after pin failure, despite being contacted by the low-melting-point fuel steel mixture.

9.2 Conclusions

Tests M2 and M3 successfully proved a multiple single-pin test concept that provides lead-in to a wide variety of tests exploring margin to failure in metallic fuel. As would be desirable in many tests that explore failure threshold, an ability to terminate a transient precisely and rapidly was demonstrated in M2 when an inlet coolant flowrate decrease indicative of cladding failure was detected and used to generate a reactor shutdown signal. An improved method of pin support in place of a single wire wrap is desirable for future tests to facilitate interpretation of flowtube thermocouple data.

Tests M2 and M3 have generated a significant amount of information concerning the safety-related performance of metallic reactor fuel. The margin to failure was determined for medium- and high-burnup fuel of the type tested, and a lower limit of the margin to failure was found for near-fresh fuel. In all cases, test fuel was driven to nearly four times nominal power and completely melted over approximately half its volume before any cladding failures were observed. Within reasonable limits of uncertainty, observed cladding failures are consistent with the pretest pressure-assisted meltthrough model. Based on calculations, pins that did not fail were likely heated to within 5% of failure. Cladding failure of the medium- and high-burnup pins was accompanied by rapid fuel dispersal. A likely cause of this dispersal is sudden "flashing" of entrained bond sodium following pin depressurization. The fact that the thin-walled steel flowtube remained intact after pin failure suggests there would be minimal attack upon pins adjacent to any failed pin in a reactor.

With the 8 s overpower period studied, significant in-pin axial fuel extrusion does not begin until after fuel melting. The magnitude of this in-pin motion was in both tests generally inversely related to the pin plenum pressure, ranging from more than 15% in near-fresh pins to normal thermal expansion in high-burnup pins. Prospects for successfully modeling in-pin fuel motion seem favorable using both entrapped fission gas and entrained bond

sodium as sources of expansion. According to calculations, the precise timing of fuel relocation is strongly dependent upon thermal conditions at the top of the active fuel and will be delayed by axial heat transfer. Timing of extrusion will likely be influenced, for example, by the presence or absence of any insulating blanket material resting atop the active fuel.

Thus, tests M2 and M3 have added significantly to the database available for the study of metallic fuel under near-failure and failure conditions and have provided a firm basis for future testing using similar experimental configurations. The fuel extrusion and pin cladding failure models developed for pre- and posttest analysis of metallic fuel have been validated within reasonable uncertainties for uranium- fissium alloy. Further analysis of data from these tests, postest examination of both failed and nearly-failed pins, and refinements of the present fuel performance models will lead to more comprehensive understanding of metal fuel phenomena and provide direction for further study of the reference ternary alloy both in- and out-of-pile.

REFERENCES

3.1 R. J. Page et al., "Preliminary Data and Data Analysis Report for PFR/TREA Test LO3", ANL/RAS 82-25, August 1983.

3.2 W. R. Robinson et al., "Preliminary Data and Data Analysis Report for PFR/TREAT Test LO7", ANL/RAS 84-13, June 1984.

3.3 R. J. Page et al., "Frequency Response Characteristics of Pressure Transducer Used in TREAT Tests," ANL/RAS 84-19, August 1984.

4.1 W. R. Robinson, "Power Calibration Experiment for TREAT Test M2," ANL-IFR-8, April 1985.

4.2 J. O. Young, R. M. Coleman and R. E. DeFelici, "Radiochemical Results from the M2 Power Calibration Experiment," internal memorandum to W. R. Robinson and W. W. Stevens, October 25, 1984.

4.3 G. Klotzkin and R. W. Swanson, "Radial and Axial Power Profiles for Test M2/M3," internal memorandum to A. E. Wright, May 22, 1984.

4.4 R. W. Swanson and G. Klotzkin, "Calculated M2/M3 Axial Power Profile Using DOT," internal memorandum to A. E. Wright, May 25, 1984.

4.5 G. Klotzkin, private communication.

4.6 T. H. Bauer, "Heat Generation per Fission in Small TREAT Test Bundle," internal memorandum to A. E. Klickman, March 24, 1980.

4.7 G. Klotzkin et al., "Time Dependence of Test-Fuel Power Coupling During TREAT Irradiation Experiments," Nucl. Tech. (To be published).

5.1 P. H. Froehle and T. H. Bauer, "COBRA-PI: An Extension of the COBRA-3M Code Dynamically Dimensioned to Accept Pin Bundles of Any Size," Advances in Reactor Computations, Proceedings of the ANS Mathematics and Computation Division Topical Meeting, American Nuclear Society, p. 211, March 1983.

6.1 L. C. Walters, B. R. Seidel and J. H. Kittel, "Performance of Metallic Fuel and Blankets in Liquid Metal Fast Breeder Reactors," Nucl. Tech. 65, 179 (1984).

6.2 T. H. Bauer, J. A. Morman, R. K. Lo, W. R. Robinson, A. E. Wright and A. M. Tentner, "TREAT Tests M2 and M3: Experiment Information and Pretest Analyses," ANL-IFR-9, April 1985.

6.3 W. R. Robinson et al., "Preliminary Data and Data Analysis Report for PFR/TREAT Test LO7," ANL/RAS 84-13, June 1984.

6.4 A. M. Tentner and D. J. Hill, "PINACLE - A Mechanistic Model for the Analysis of In-pin Fuel Relocation Under LOF and TOP Conditions for SAS4A," to be published in Proc. Am. Nucl. Soc. (June 1985).

6.5 T. H. Bauer, "Penetration Rate of Eutectic into Metal Fuel Cladding and Cladding Failure: Analysis of Existing Data," internal Memorandum to Distribution, Dec. 4, 1984.

6.6 R. H. Sevy, "An Estimate of Fission-Gas-Induced Transient Swelling in Metallic Fuel," internal memorandum to Distribution, June 8, 1984.

7.1 A. DeVolpi et al., "Fast-neutron Hodoscope at TREAT: Methods for Quantitative Determination of Fuel Dispersal." Nuclear Technology 56, 141-188 (1982).

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APPENDIX A

GRAPHICAL DATA FROM THE M2 AND M3 HEAT BALANCE (HB) TRANSIENTS*

Fig. A1 Recorded TREAT Power (Instrument S1) and Energy (Instrument I1)

Fig. A2 Normalized Transient Rod Shadowing Factor

Fig. A3 TREAT Power and Energy (Corrected)

Fig. A4 Three-Pin Average Power and Energy Density at Midplane

Fig. A5 Transient Rod Motion

Fig. A6 Coolant Inlet and Outlet Pressures

Fig. A7 Coolant Flowrate and ALIP Pump Current

Fig. A8 Coolant Inlet and Outlet Temperatures

Fig. A9 Axial Temperature Distribution along Pin 1 Flowtube

Fig. A10 Axial Temperature Distribution along Pin 2 Flowtube

Fig. A11 Axial Temperature Distribution along Pin 3 Flowtube

Fig. A12 In-Flow Temperatures

Fig. A13 Flowmeter Magnet Temperatures

* Graphs are obtained from 1 ms data averaged over 50 ms intervals from 0 to 32 seconds.

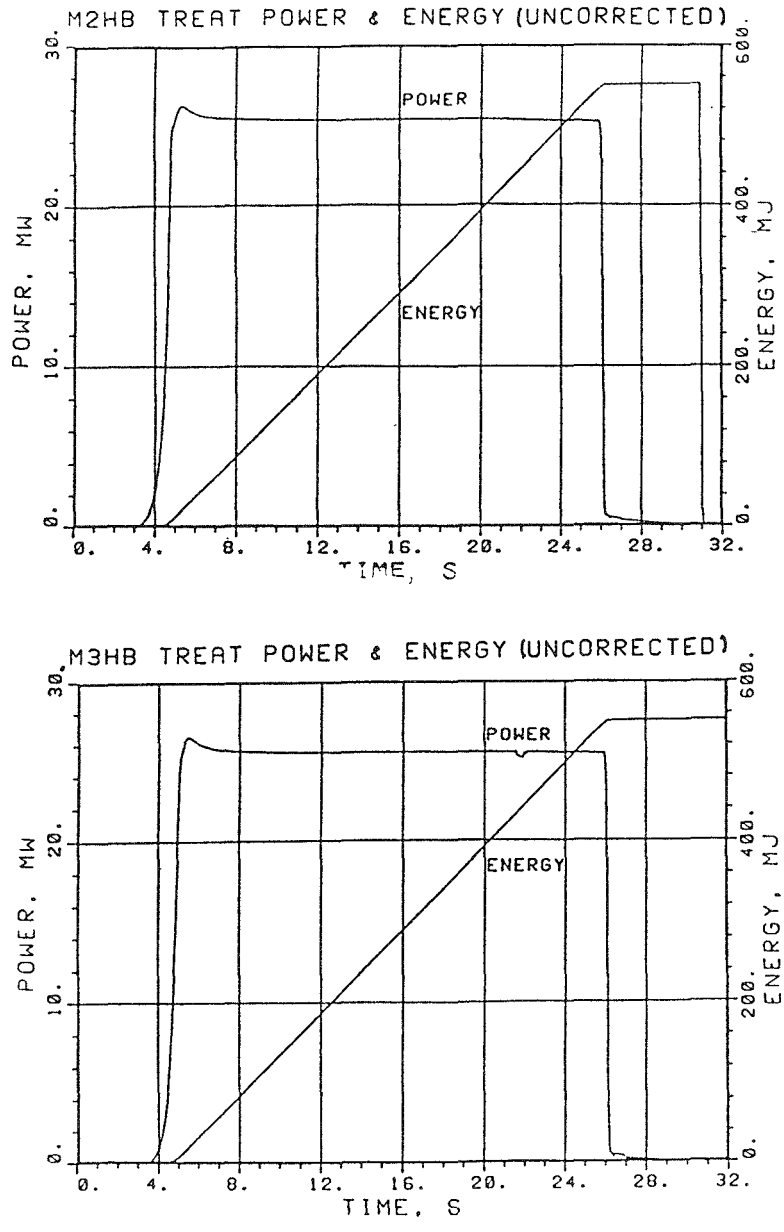


Fig. A1. Recorded TREAT Power (Instrument S1) and Energy (Instrument I1)

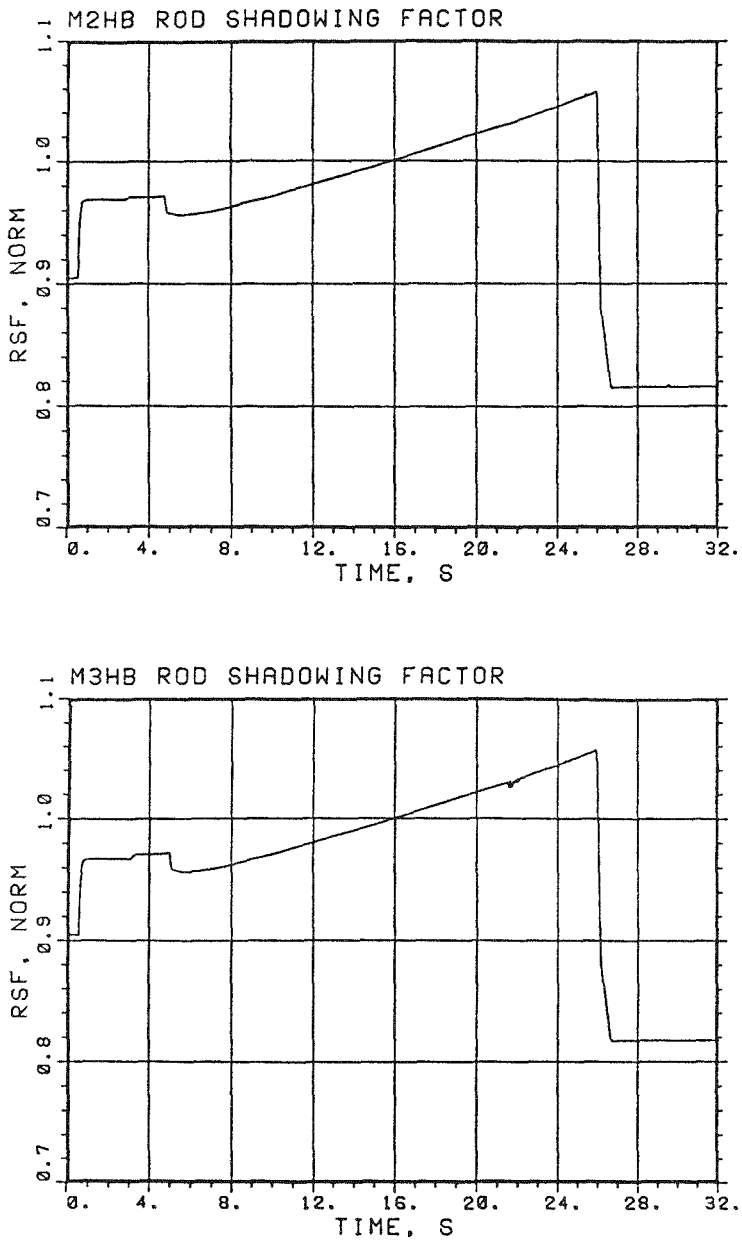


Fig. A2. Normalized Transient Rod Shadowing Factor

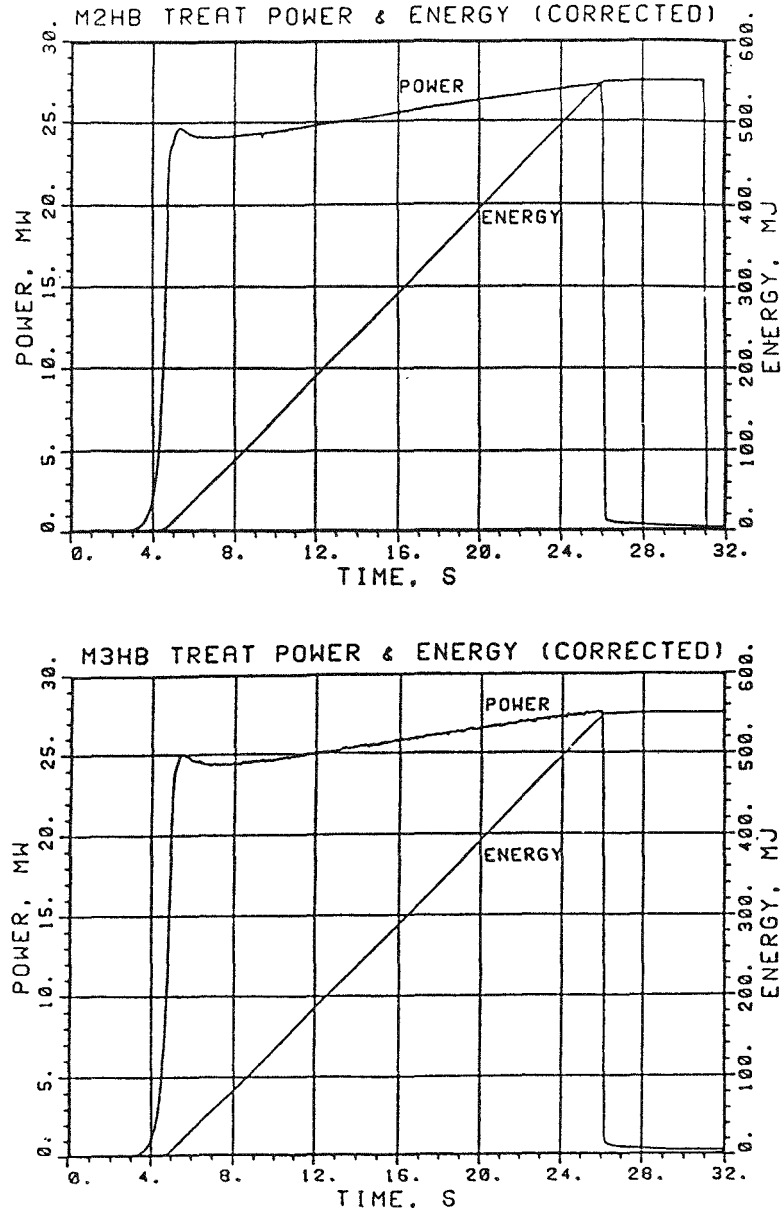


Fig. A3. TREAT Power and Energy (Corrected)

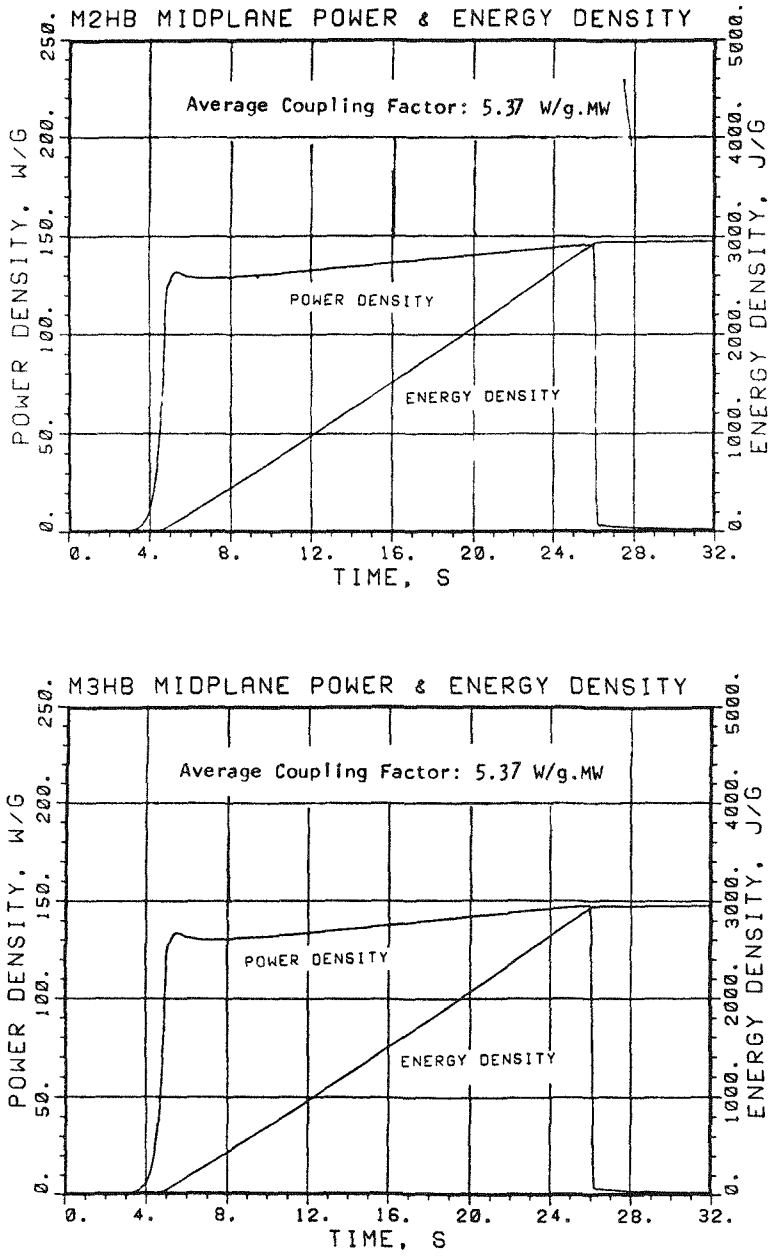
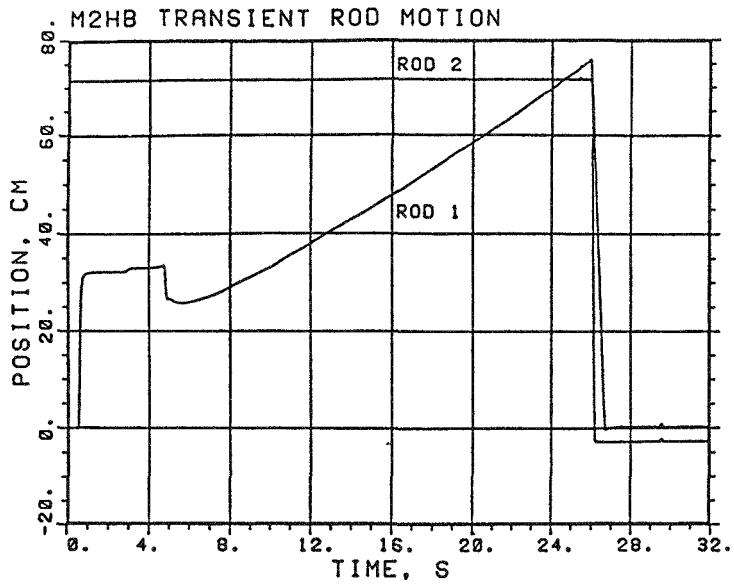


Fig. A4. Three-Pin Average Power and Energy Density at Midplane



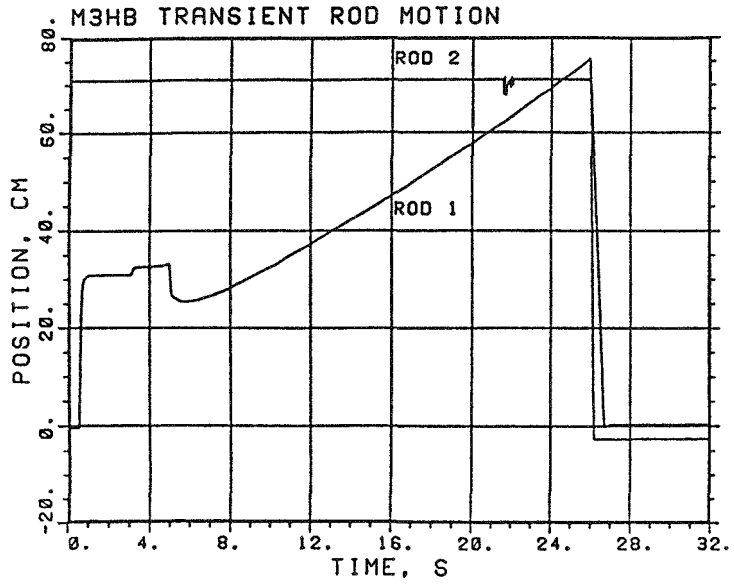


Fig. A5. Transient Rod Motion

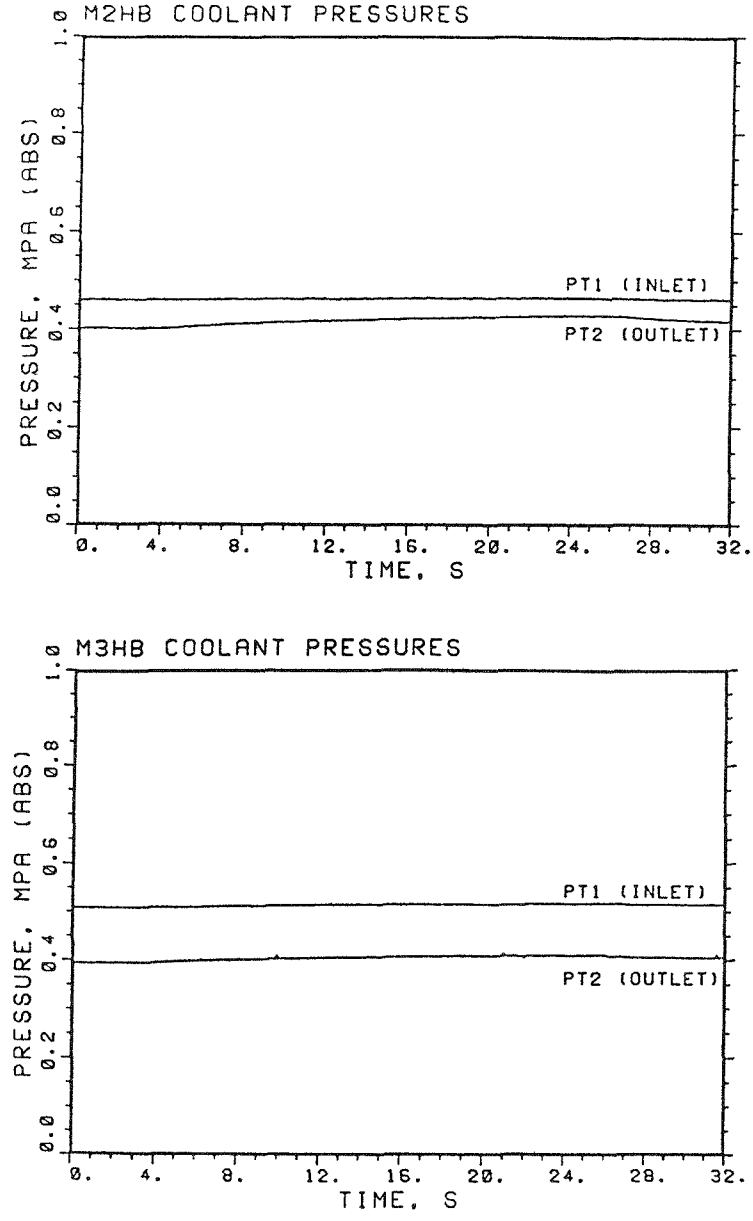


Fig. A6. Coolant Inlet and Outlet Pressures

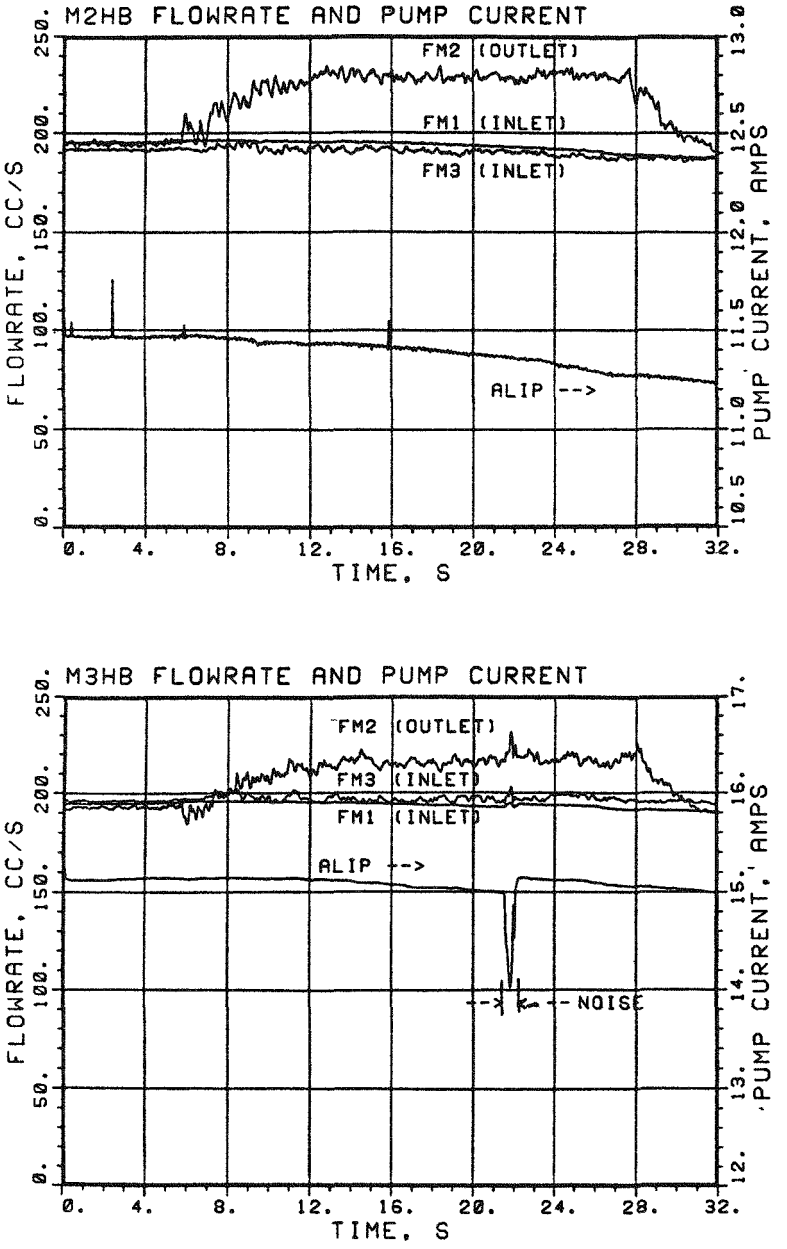


Fig. A7. Coolant Flowrate and ALIP Pump Current

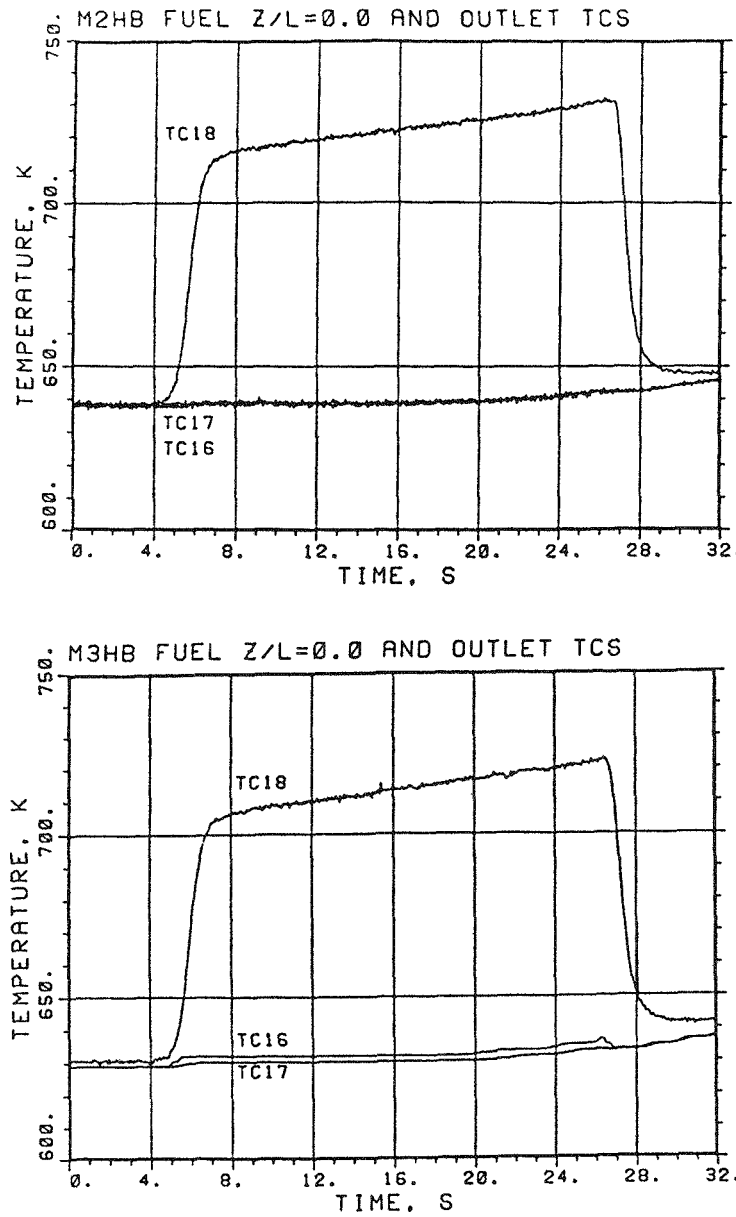


Fig. A8. Coolant Inlet and Outlet Temperatures

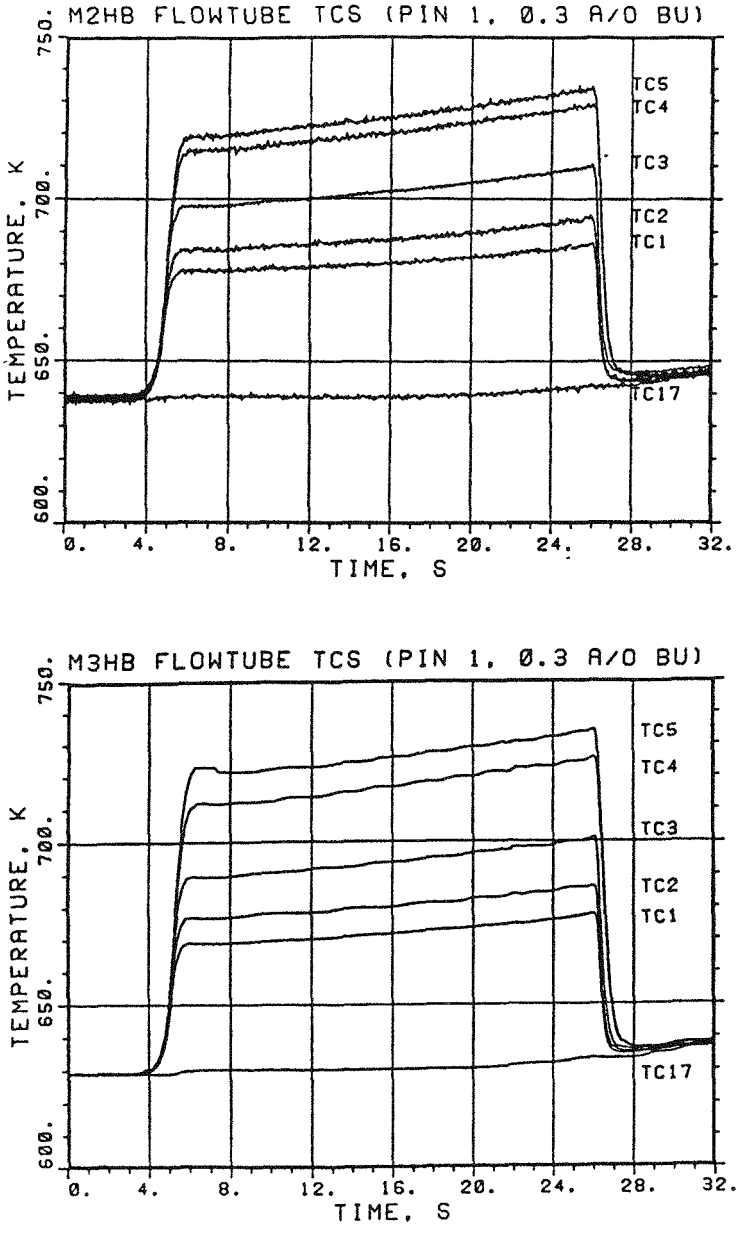


Fig. A9. Axial Temperature Distribution along Pin 1 Flowtube

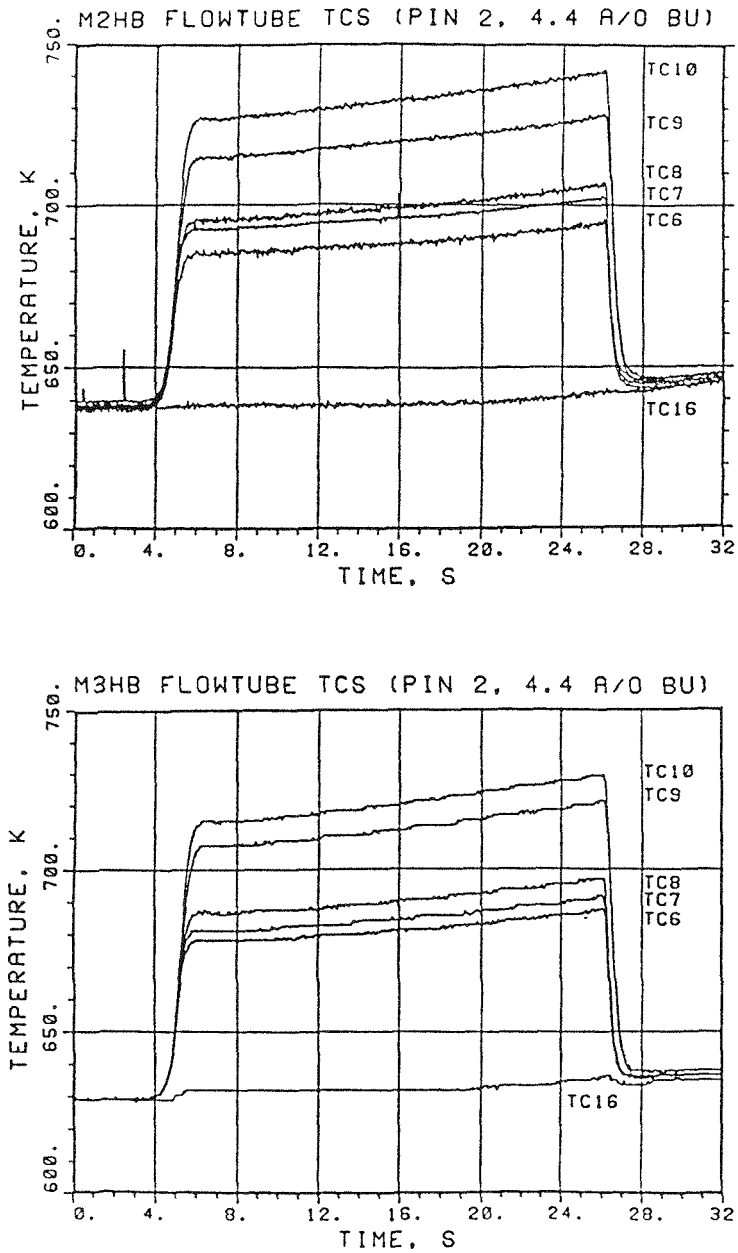


Fig. A10. Axial Temperature Distribution along Pin 2 Flowtube

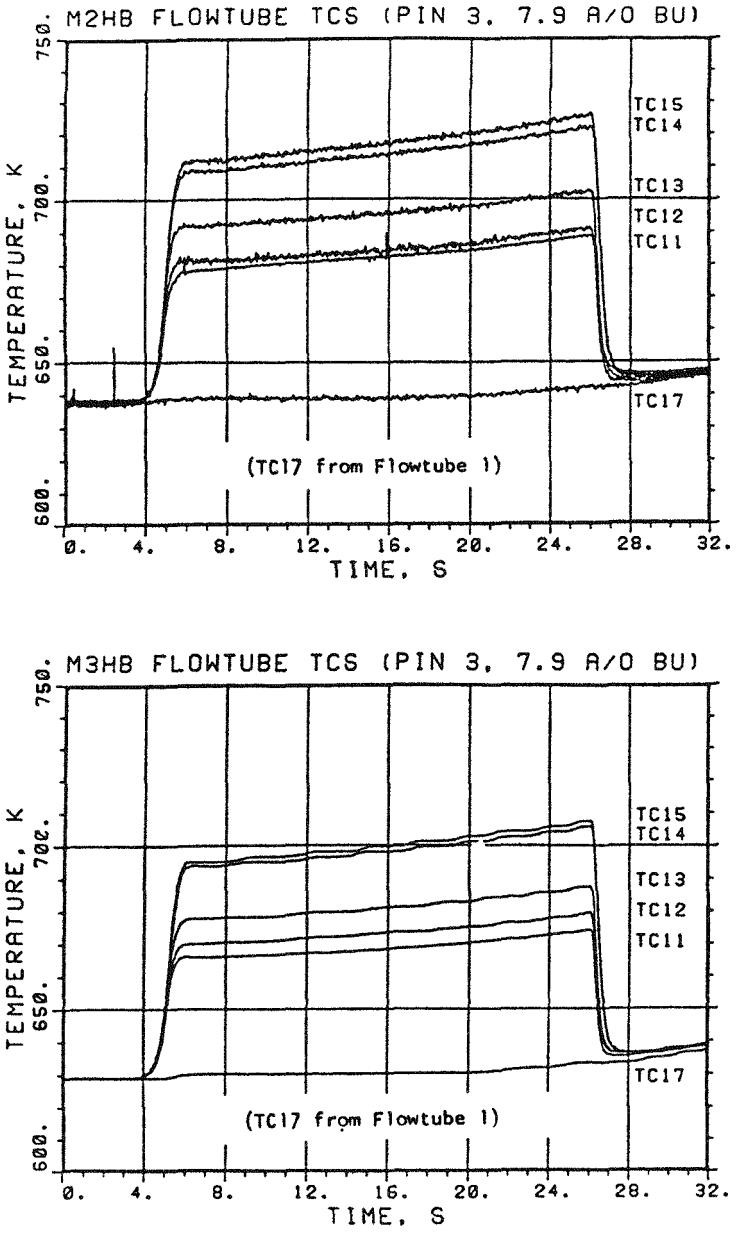


Fig. A11. Axial Temperature Distribution along Pin 3 Flowtube

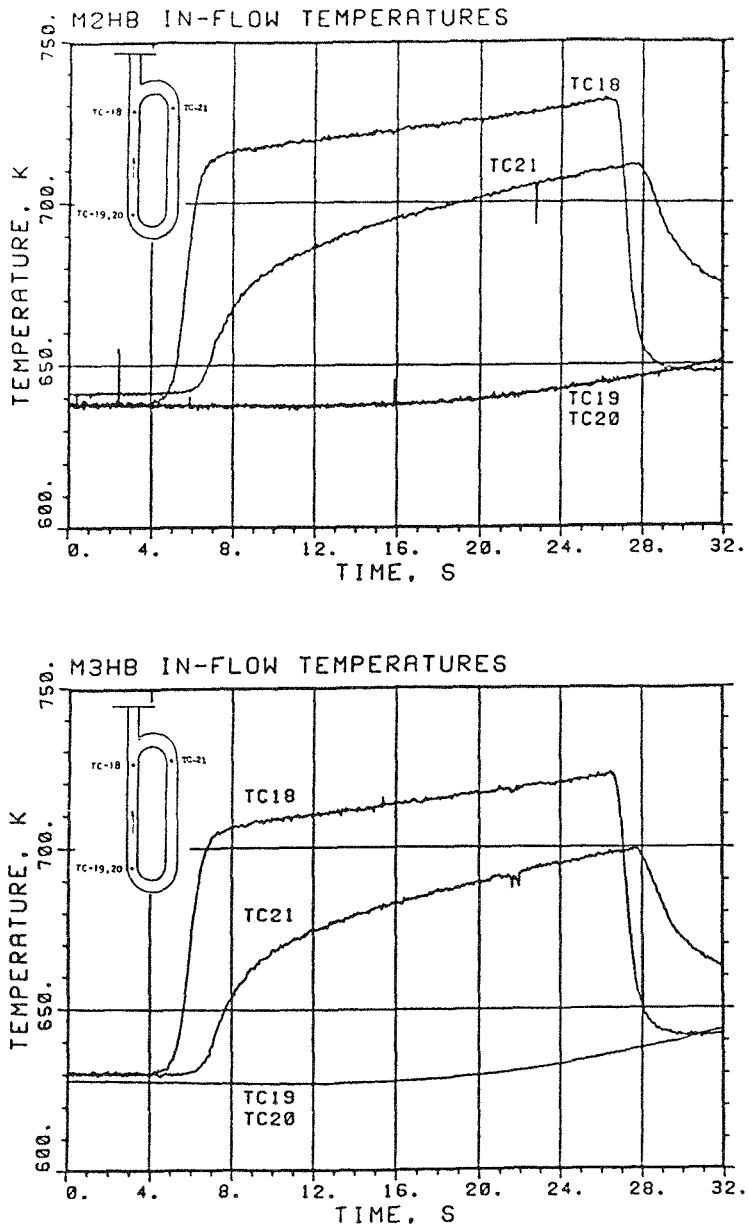


Fig. A12. In-Flow Temperatures

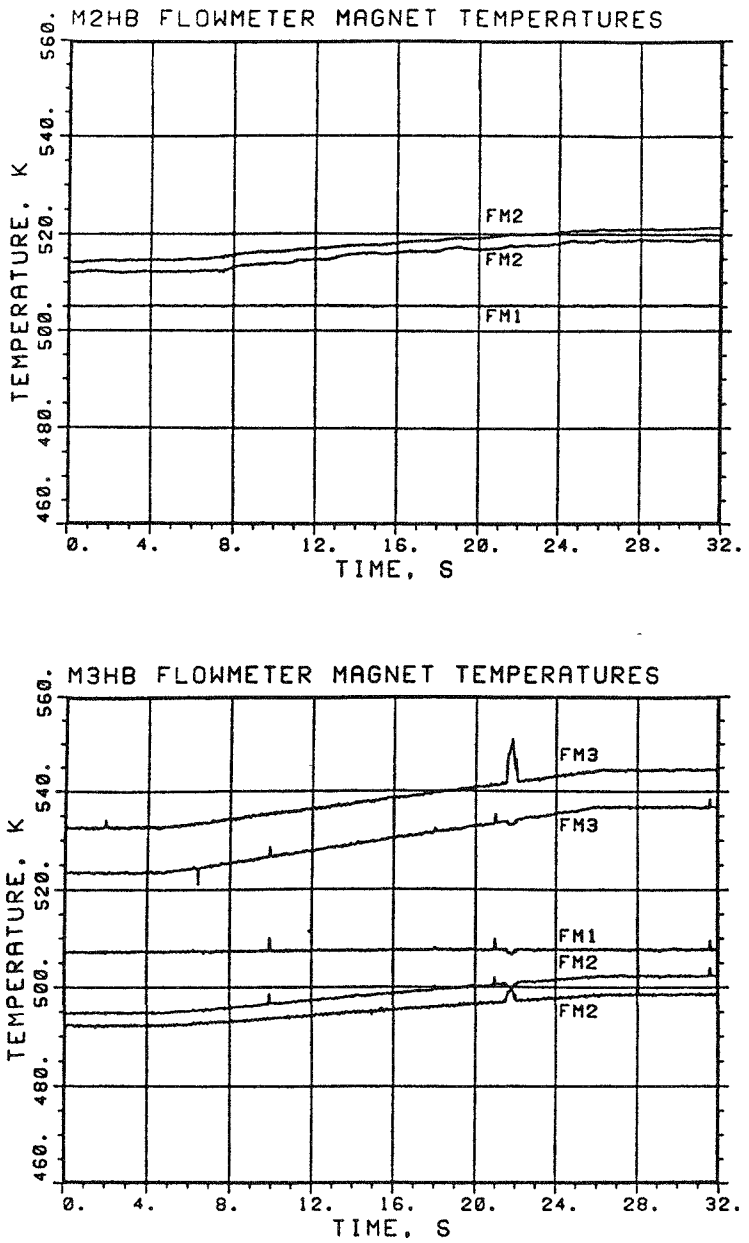


Fig. A13. Flowmeter Magnet Temperatures

APPENDIX B

GRAPHICAL DATA FROM THE M2 AND M3 FINAL TRANSIENTS*

Fig. B1 Recorded TREAT Power (Instrument S1) and Energy (Instrument I1)

Fig. B2 Transient Rod Shadowing Factor

Fig. B3 TREAT Power and Energy

Fig. B4 Three-pin-average Power and Energy Densities at Midplane

Fig. B5 Transient Rod Motion

Fig. B6 Low Power "Shelf" and Transient Rod T-1 Motion

Fig. B7 Inlet and Outlet Pressures

Fig. B8 Inlet and Outlet Coolant Flowrates (16 to 19 s)

Fig. B9 Inlet and Outlet Coolant Flowrates, Additional M2 Data

Fig. B10 Coolant Void Volumes

Fig. B11 In-Flow Temperatures

Fig. B12 Coolart Inlet and Outlet Temperatures

Fig. B13 Axial Temperature Distribution along Pin 1 Flowtube (2 to 20 s)

Fig. B14 Axial Temperature Distribution along Pin 1 Flowtube (15 to 18 s)

Fig. B15 Axial Temperature Distribution along Pin 2 Flowtube (2 to 20 s)

Fig. B16 Axial Temperature Distribution along Pin 2 Flowtube (15 to 18 s)

Fig. B17 Axial Temperature Distribution along Pin 2 Flowtube (14 to 30 s)

Fig. B18 Axial Temperature Distribution along Pin 3 Flowtube (2 to 20 s)

Fig. B19 Axial Temperature Distribution along Pin 3 Flowtube (15 to 18 s)

Fig. B20 Pump Current

Fig. B21 Magnet Temperatures of Flowmeters, FM-1, FM-2, and FM-3

* Graphs are obtained from 1 ms data averaged over 50 ms intervals unless specified differently.

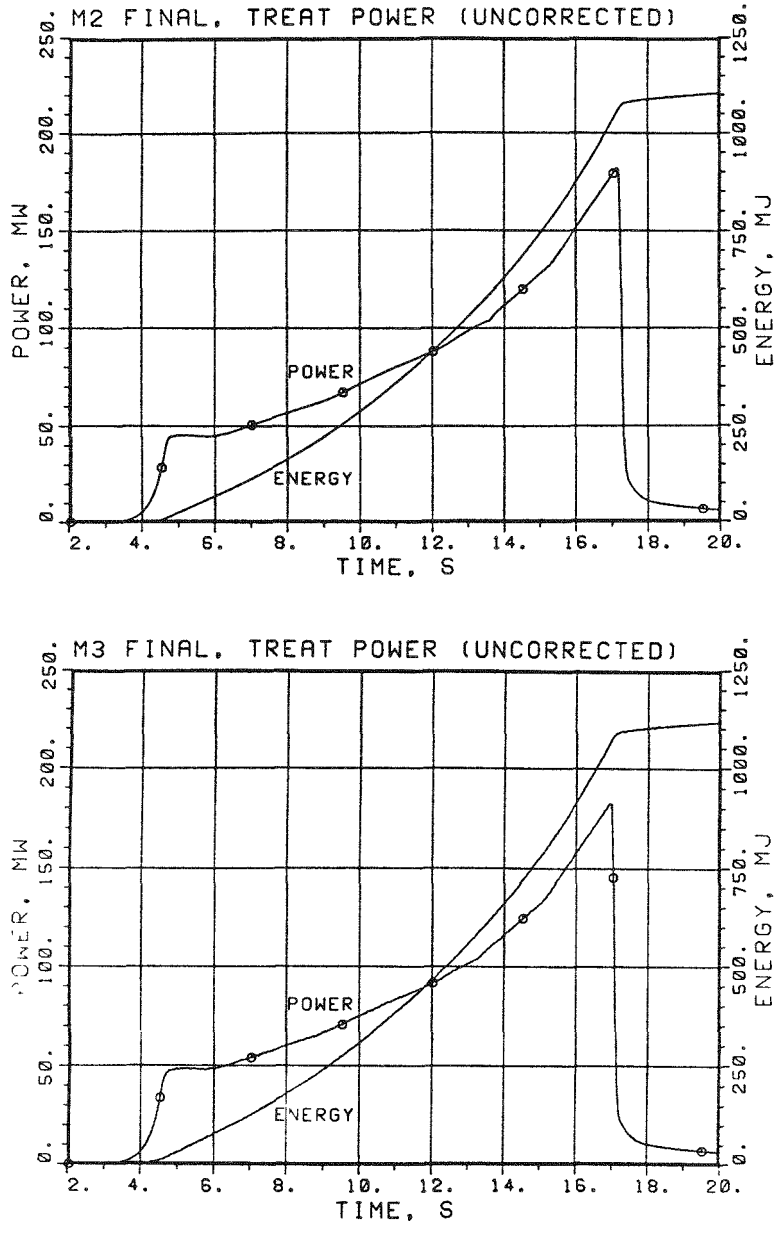


Fig. B1. Recorded TREAT Power (Instrument S1) and Energy (Instrument I1)

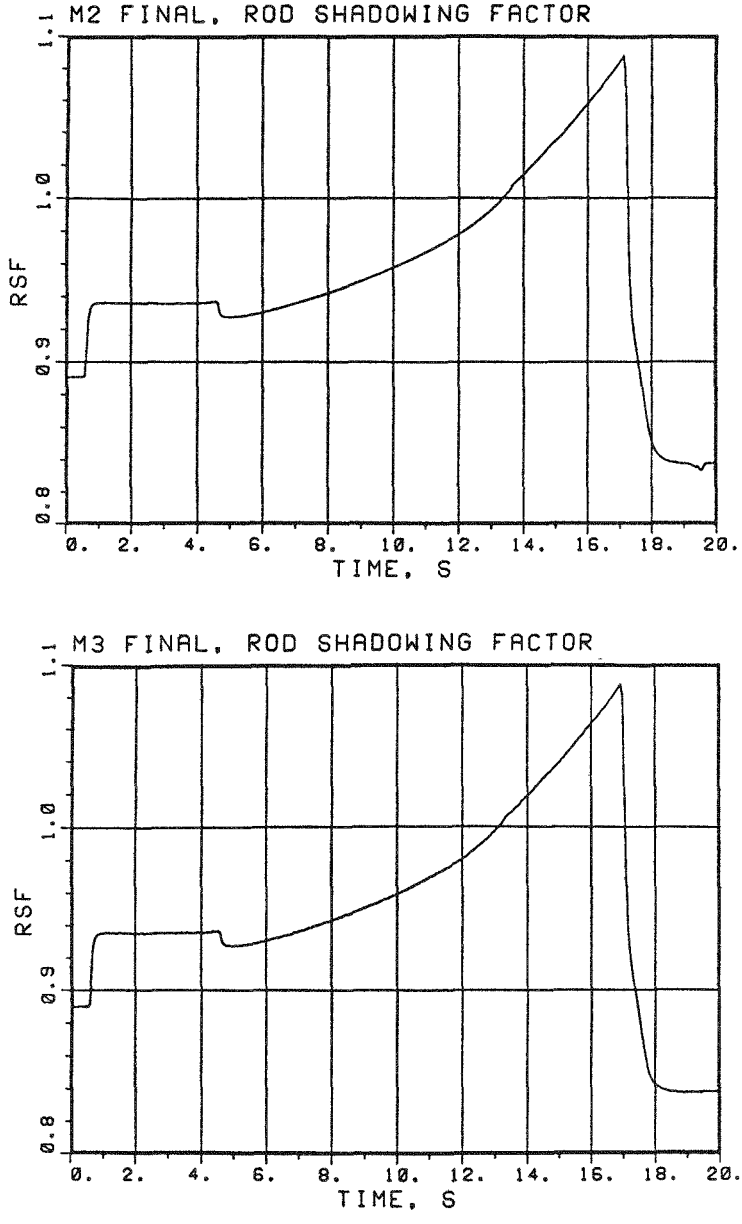


Fig. B2. Transient Rod Shadowing Factor (energy-normalized to unity)

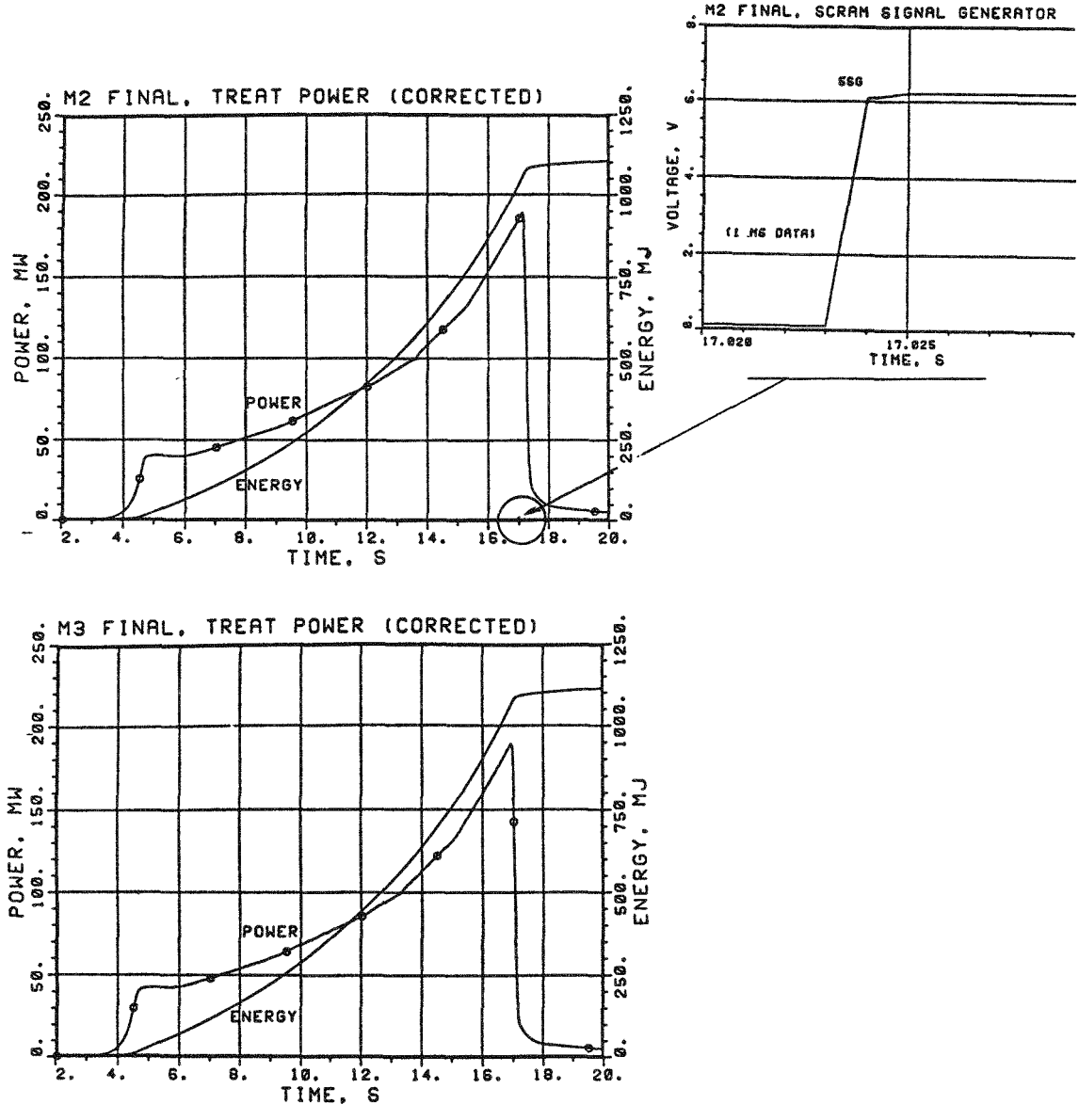


Fig. B3. TREAT Power and Energy

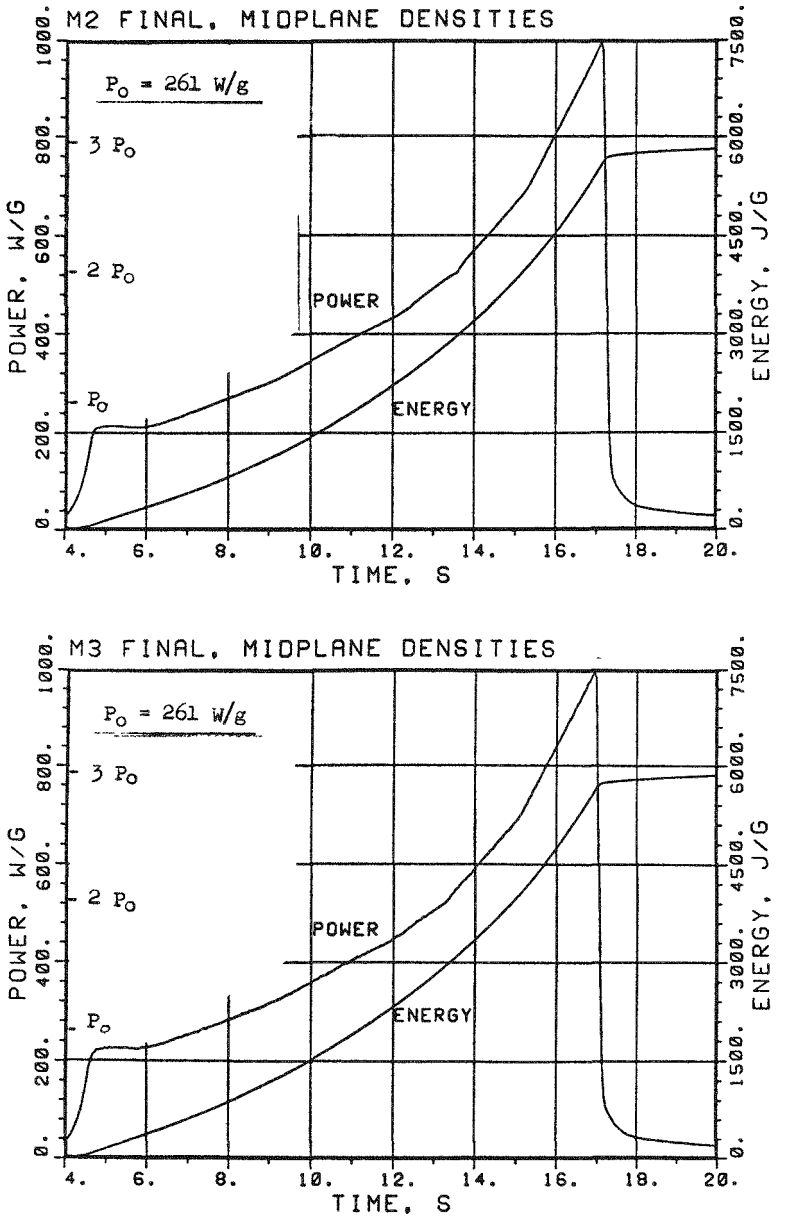


Fig. B4. Three-pin-average Power and Energy Densities at Midplane (average power coupling factor = 5.26 W/g-MW)

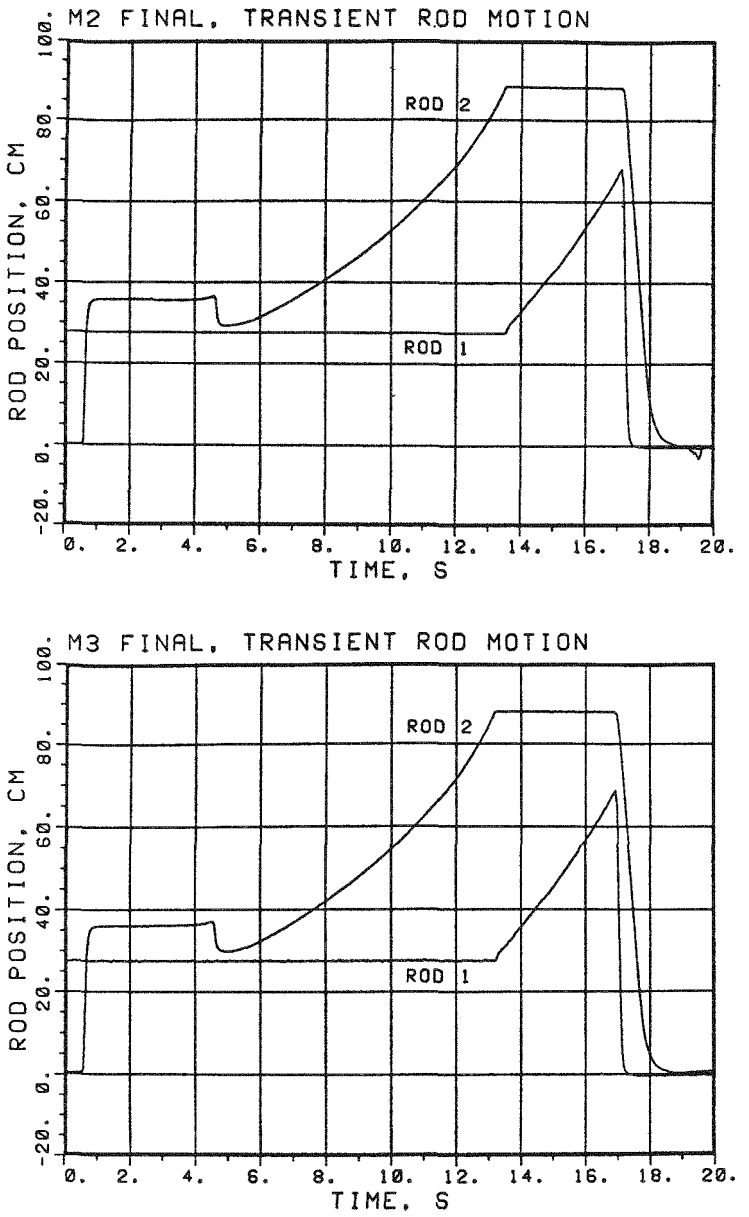


Fig. B5. Transient Rod Motion

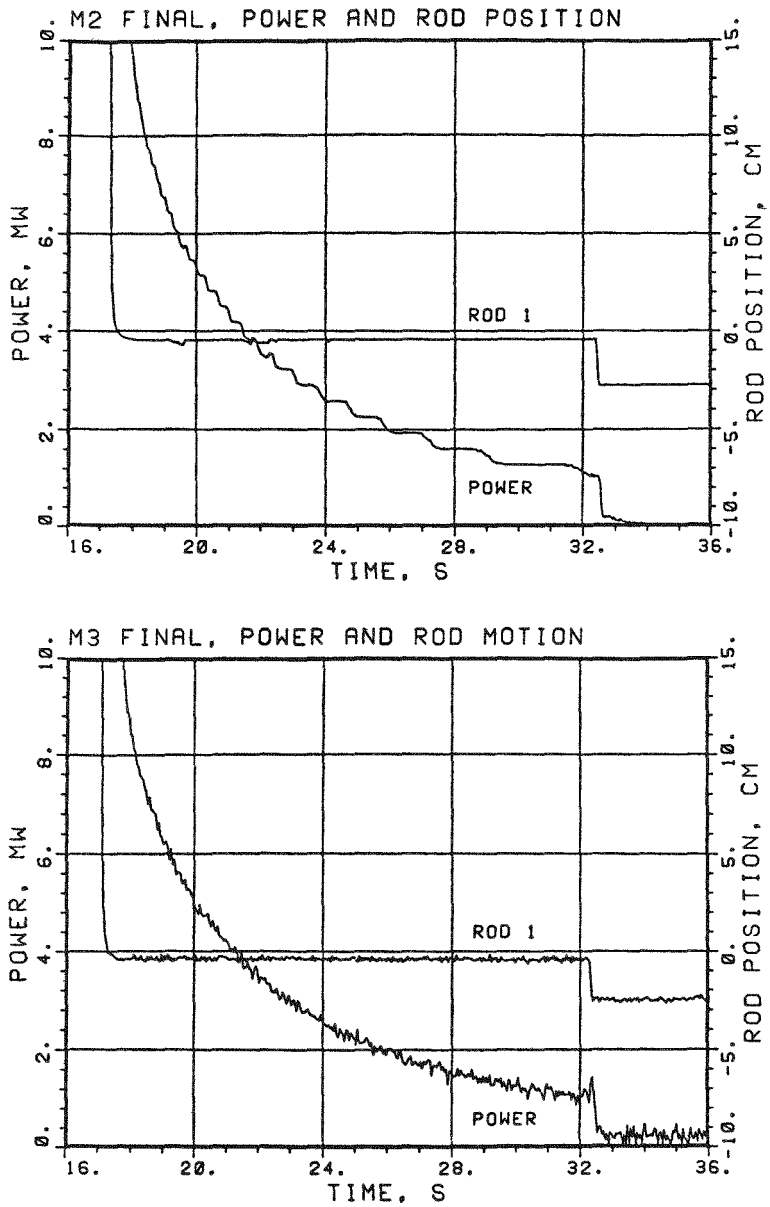


Fig. B6. Low Power "Shelf" and Transient Rod T-1 Motion

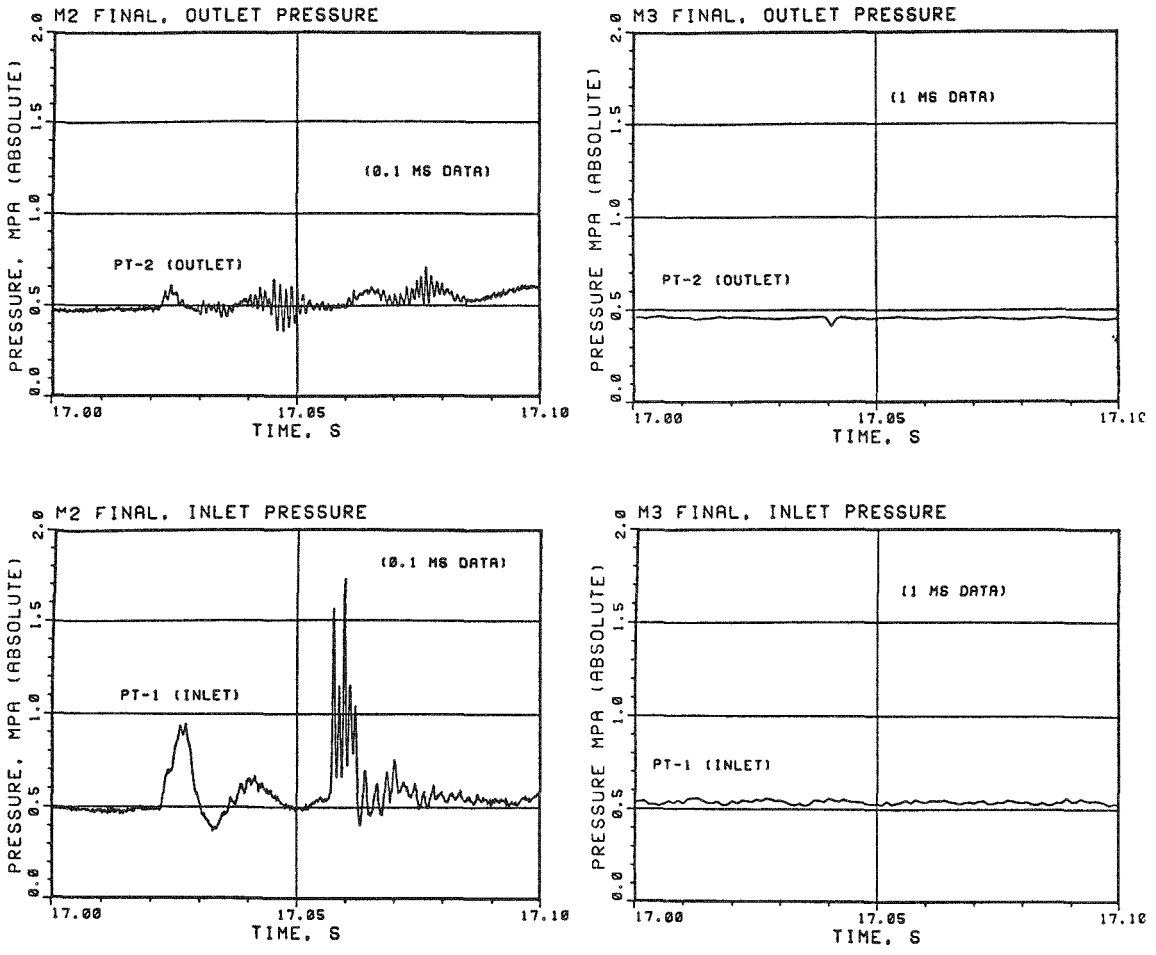


Fig. B7. Inlet and Outlet Pressures

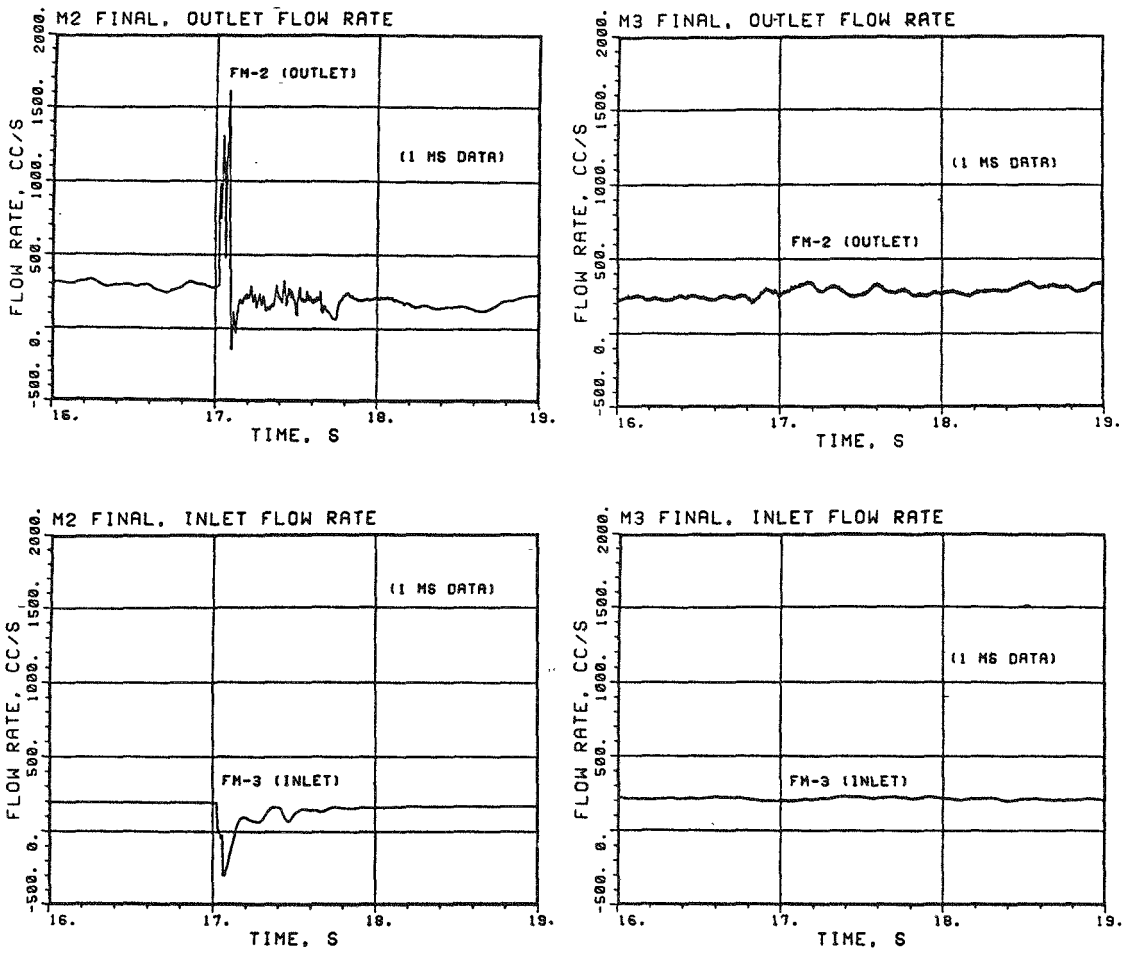


Fig. B8. Inlet and Outlet Coolant Flowrates (16 to 19 s)

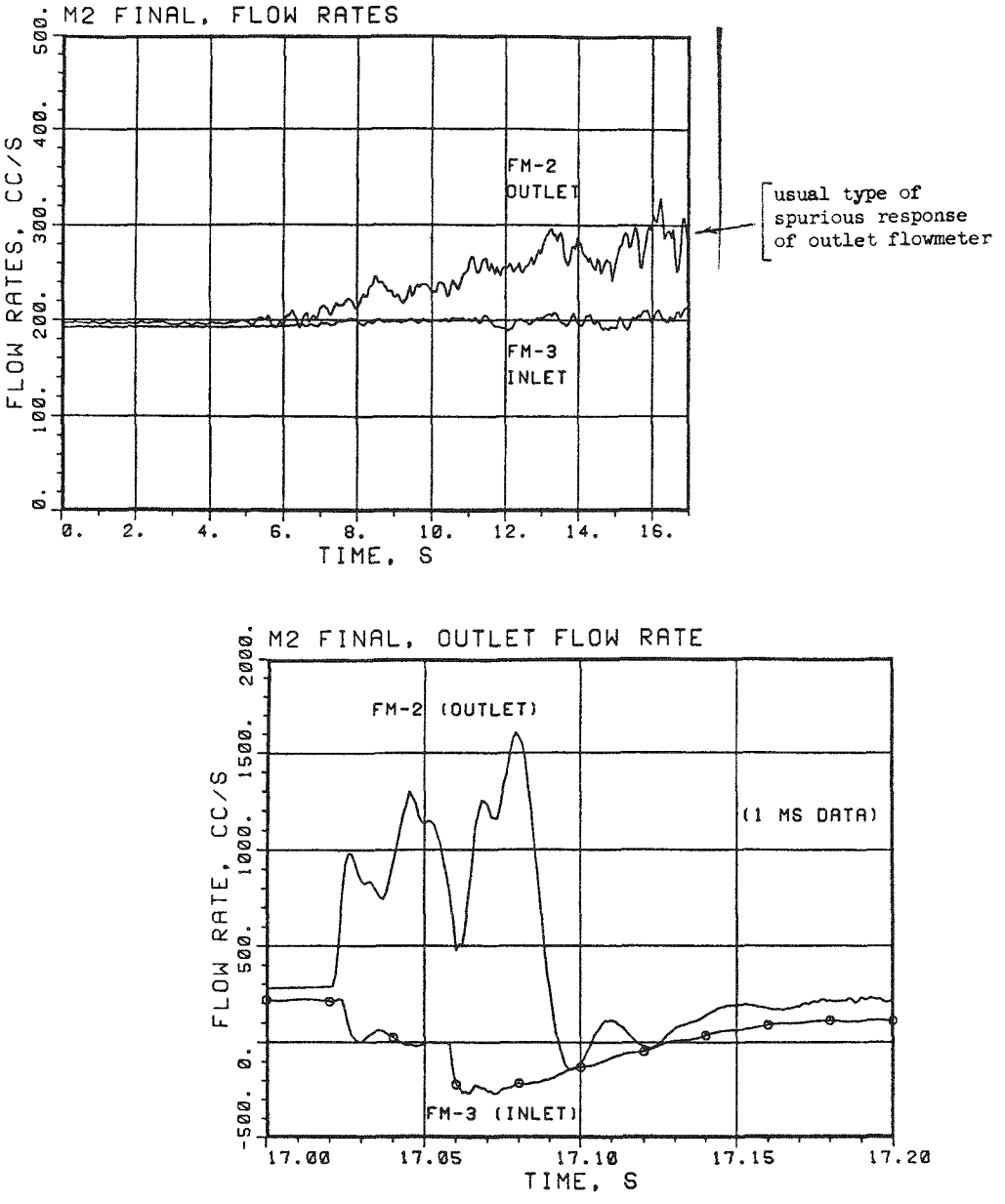
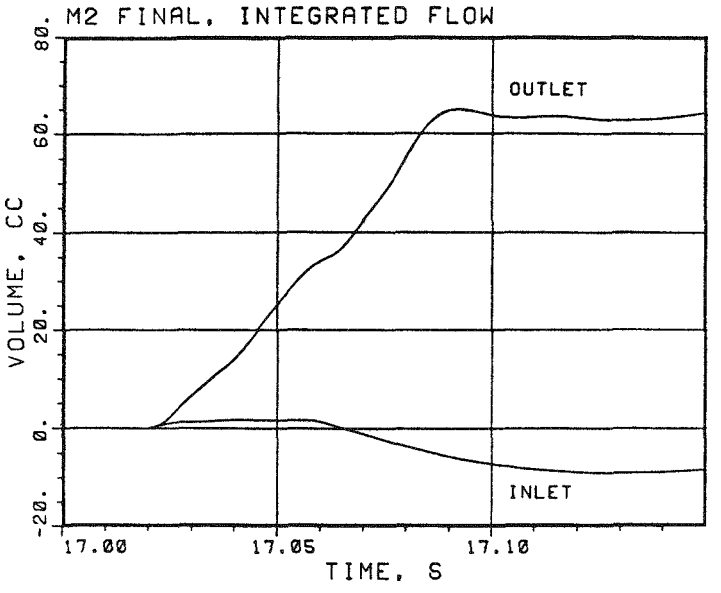


Fig. B9. Inlet and Outlet Coolant Flowrates, Additional M2 Data



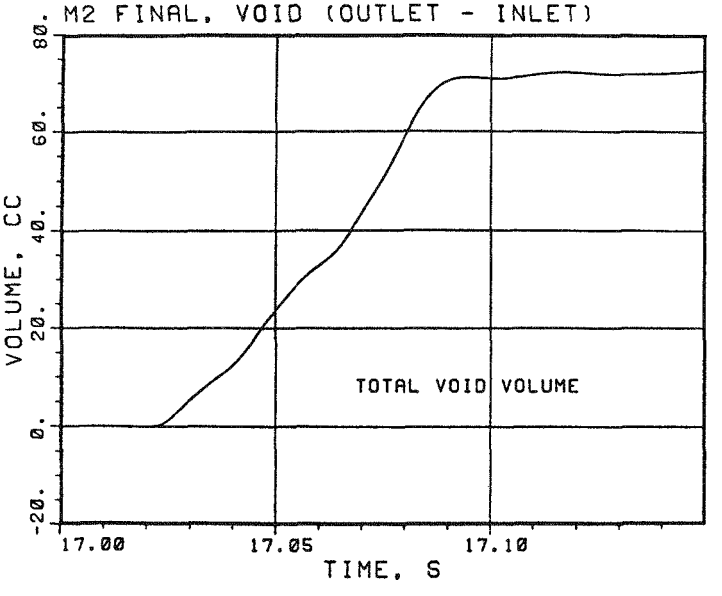
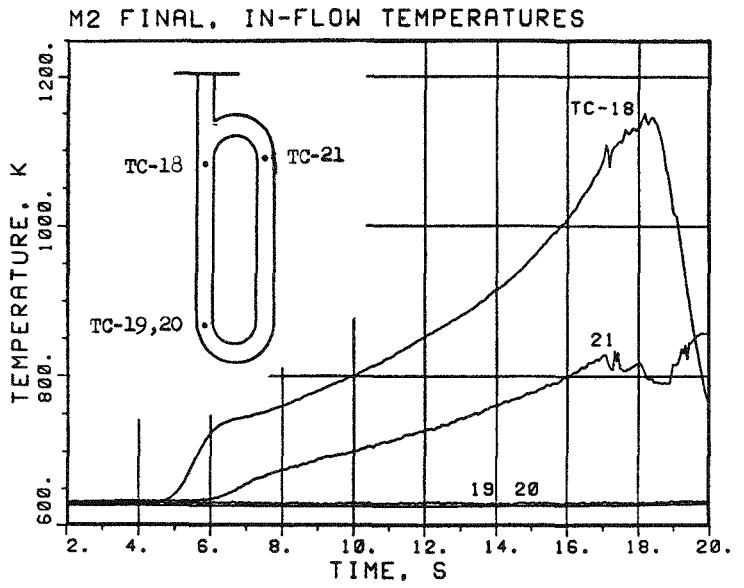


Fig. B10. Coolant Void Volumes



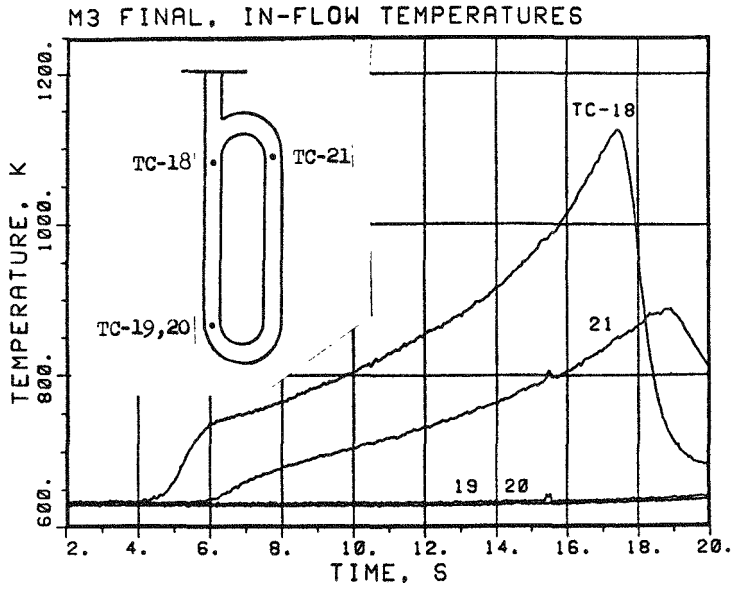


Fig. B11. In-Flow Temperatures

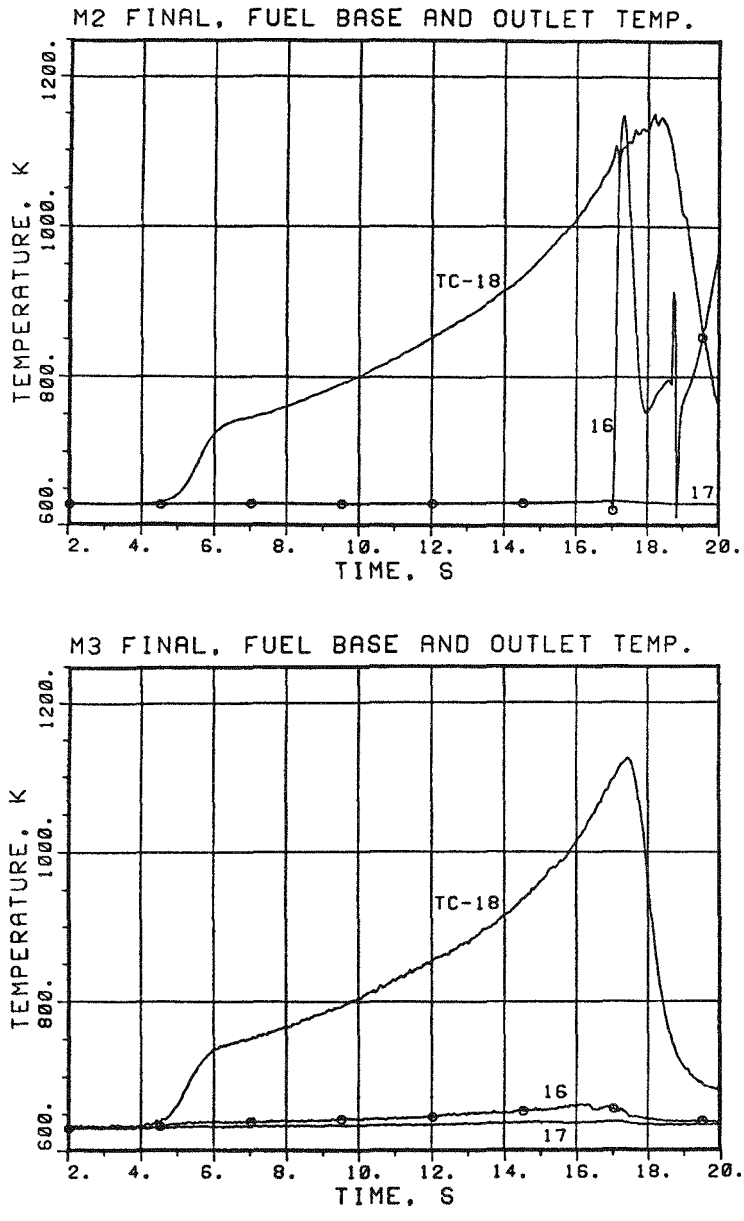


Fig. B12. Coolant Inlet and Outlet Temperatures

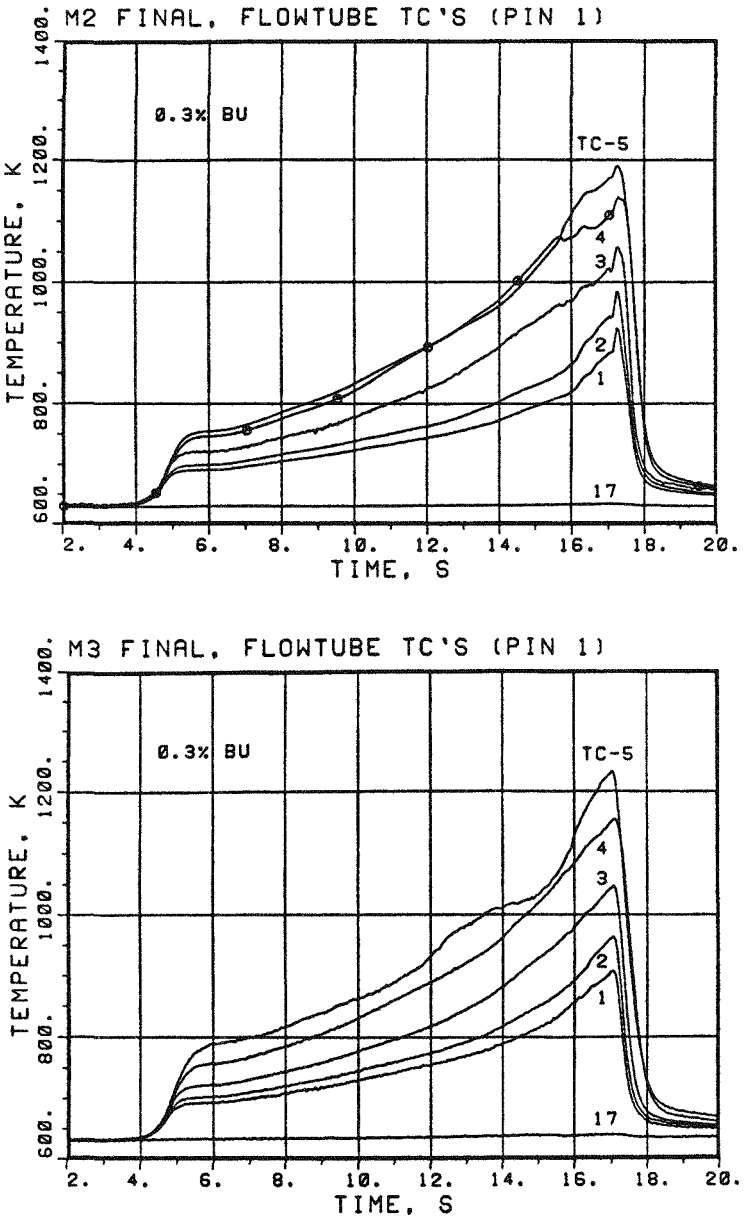


Fig. B13. Axial Temperature Distribution along Pin 1 Flowtube (2 to 20 s)

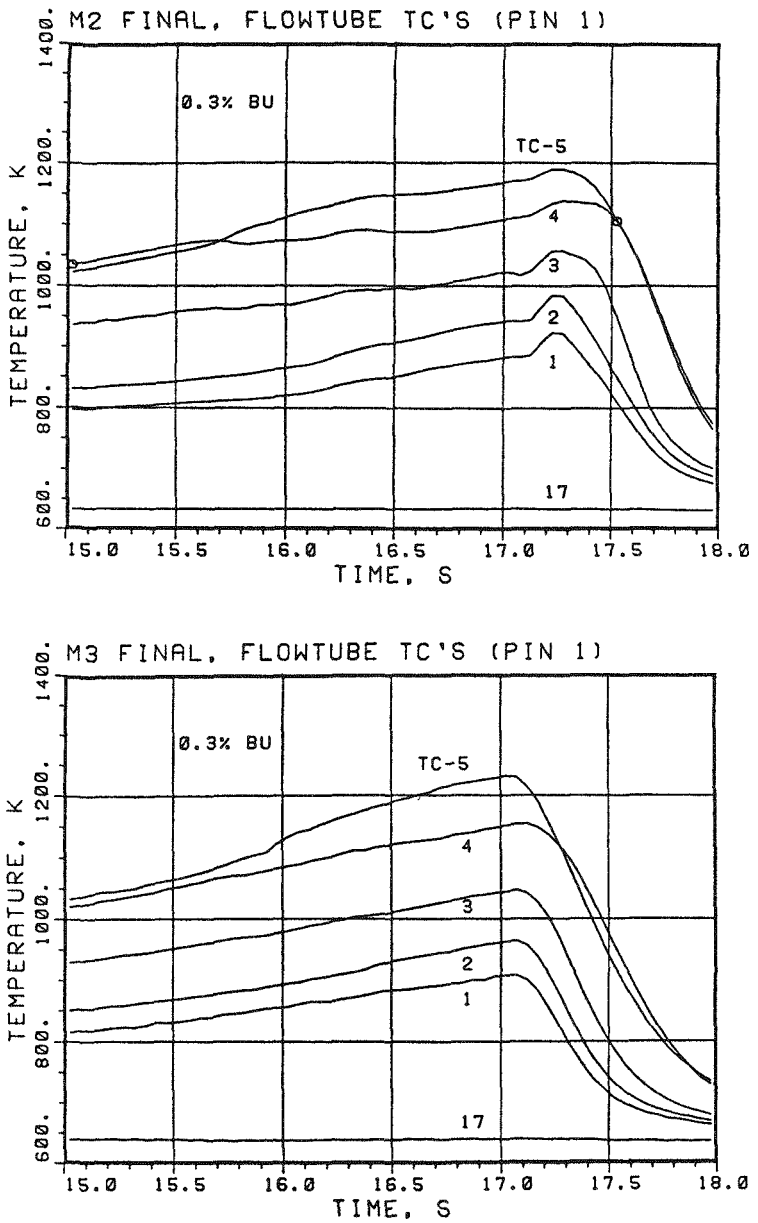


Fig. B14. Axial Temperature Distribution along Pin 1 Flowtube (15 to 18 s)

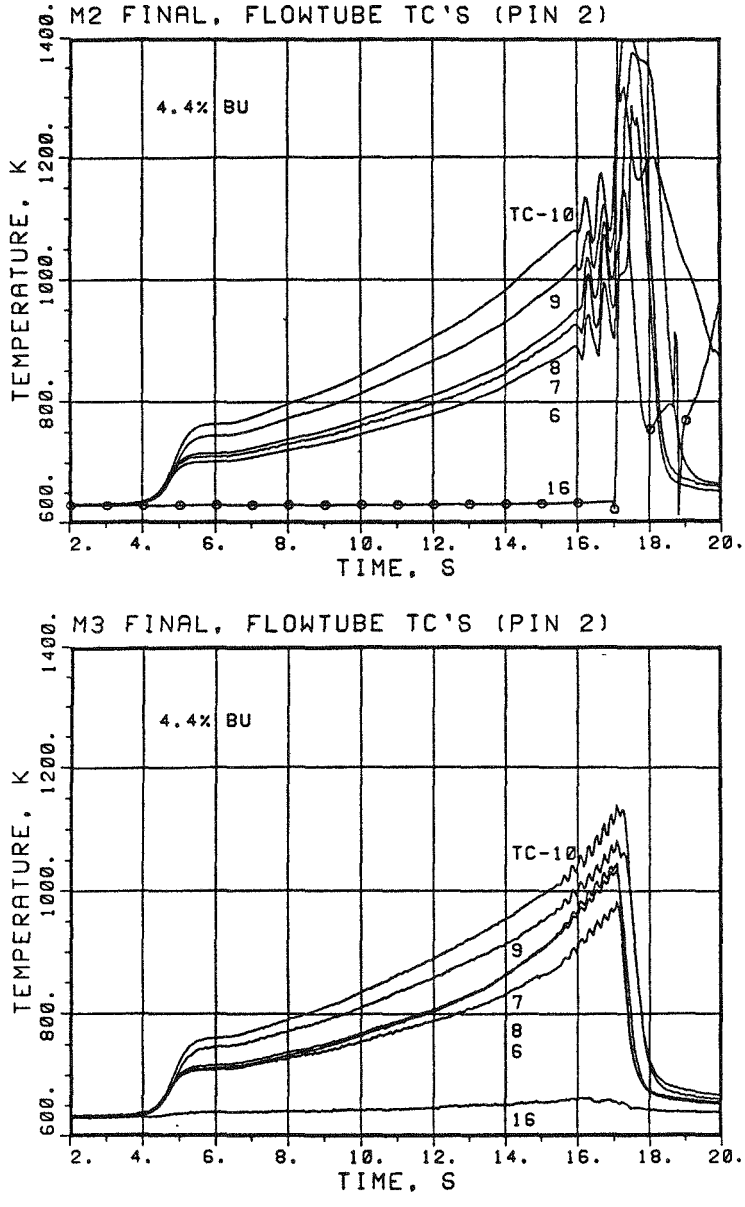


Fig. B15. Axial Temperature Distribution along Pin 2 Flowtube (2 to 20 s)

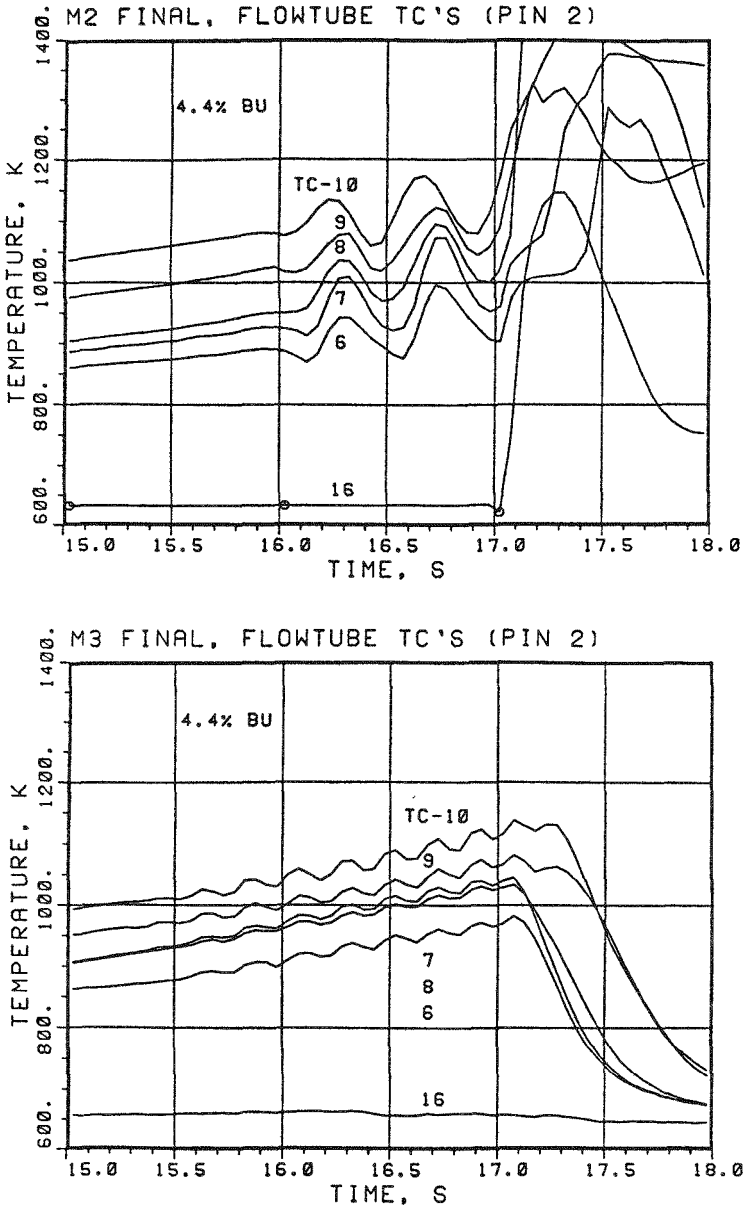


Fig. B16. Axial Temperature Distribution along Pin 2 Flowtube (15 to 18 s)

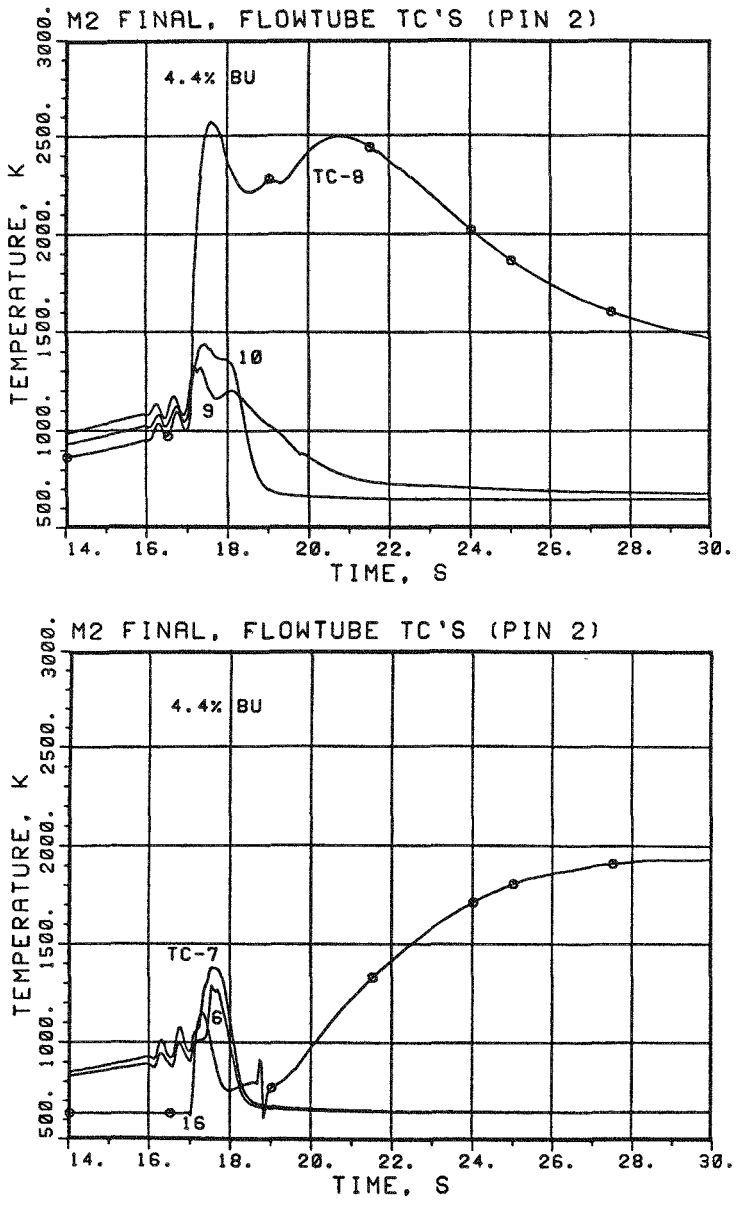


Fig. B17. Axial Temperature Distribution along Pin 2 Flowtube (14 to 30 s)

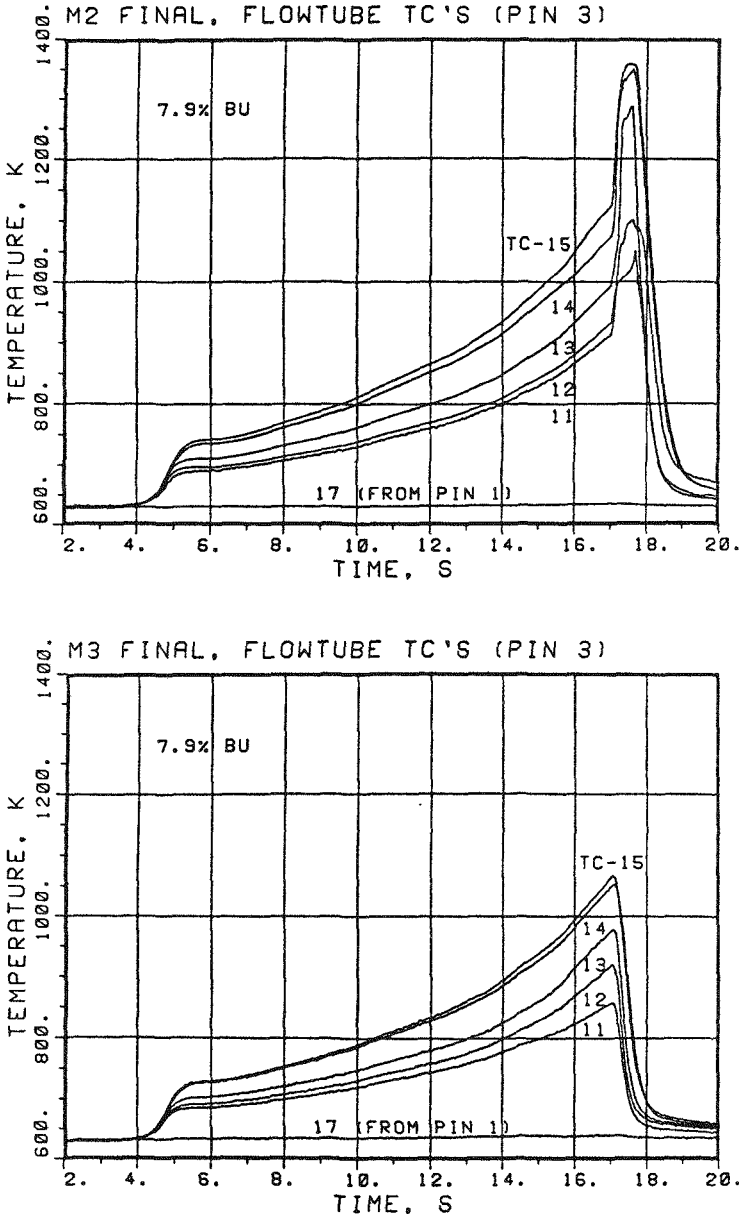


Fig. B18. Axial Temperature Distribution along Pin 3 Flowtube (2 to 20 s)

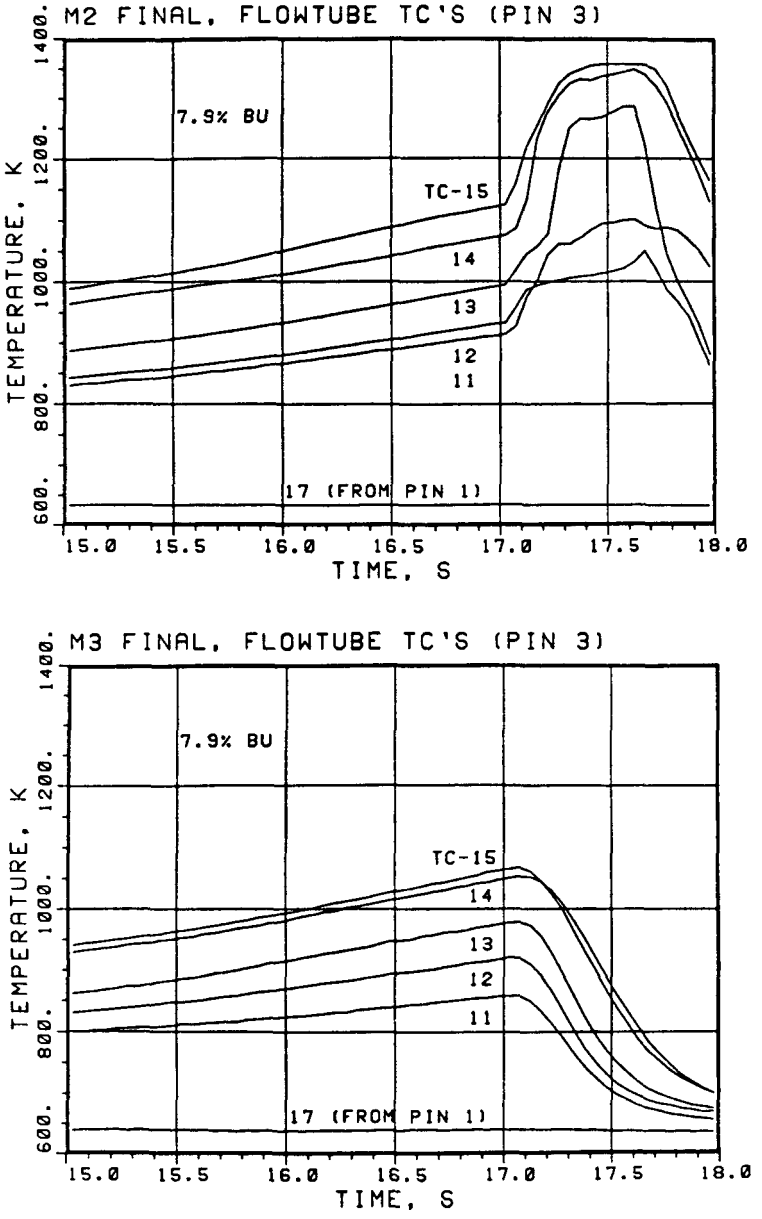
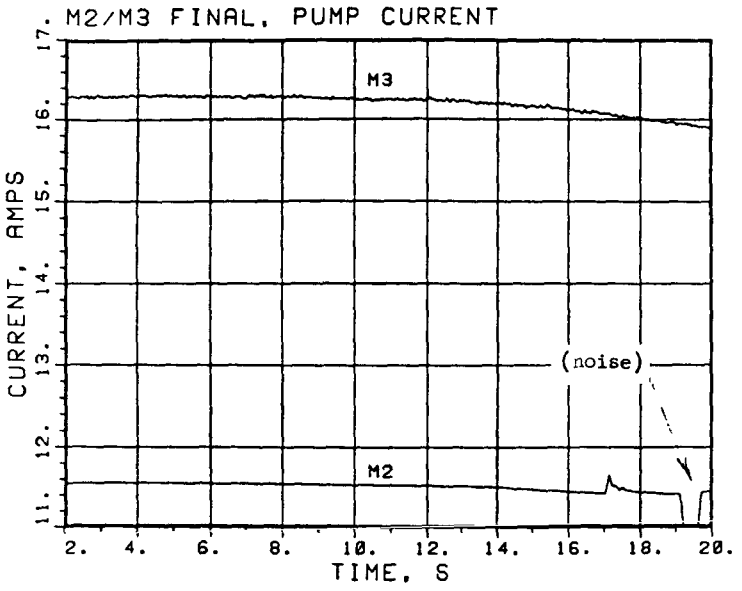


Fig. B19. Axial Temperature Distribution along Pin 3 Flowtube (15 to 18 s)



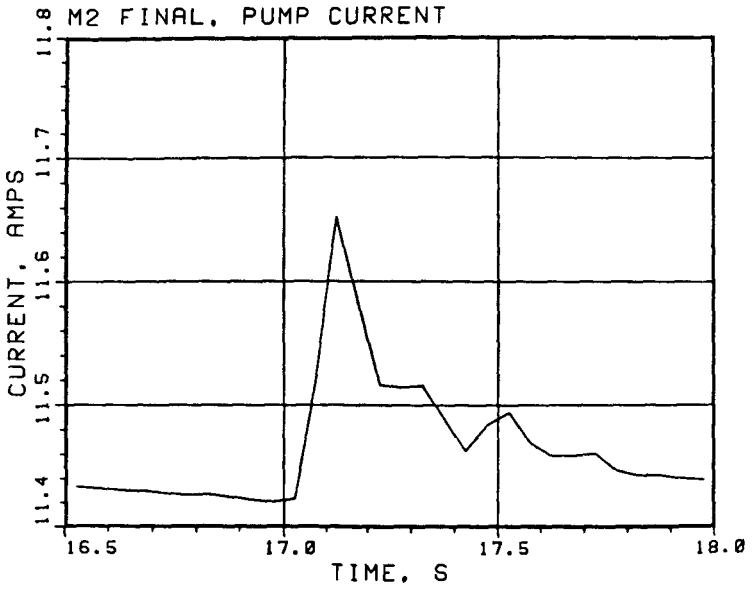


Fig. B20. Pump Current

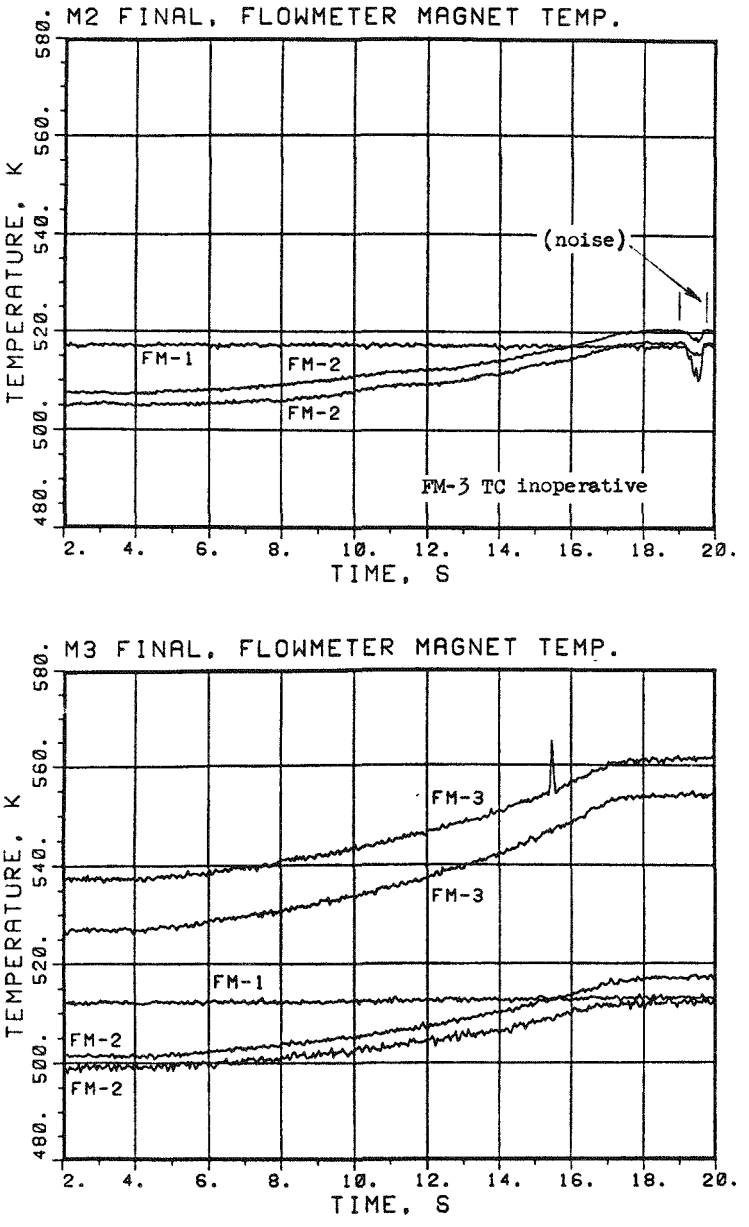


Fig. B21. Magnet Temperatures of Flowmeters FM-1, FM-2, and FM-3

APPENDIX C

TABULATED DATA FROM THE HEAT BALANCE AND FINAL M2 AND M3 TRANSIENTS

The following tabulated data were taken for the most part from the TREAT Digital Acquisition System (DAS) tapes and in some cases from analog tapes. For the heat balance transient, the listings consist of 1 ms data averaged over 50 ms intervals from 0 to 40 s for all of the test sensors. For the final transients, the listings consist of 1 ms data averaged over 50 ms intervals from 0 to 25 s for all of the test sensors. Additionally, for the three flowmeters and the two pressure transducers, the 1 ms data themselves are included over the time range 16.0 to 19.0 s. For the pressure transducers in test M2 only, 0.1 ms digitized data are provided in the time range 17.10 to 17.15 s. Table C-1 defines the test sensor designations and units in which the data are presented.

Table C-1. Test Sensor Designations and Units

Test Sensor	Identification	Unit
SAF1	Safety instrument 1 -- reactor power meter	MW
INT1	Integrator instrument 1 -- reactor energy meter	MJ
SF1C	Safety instrument 1 -- (corrected to correspond to IN1C)	MW
IN1C	Integrator instrument 1 -- (corrected for zero shift)	MJ
ROD1	Transient rod bank 1	cm
ROD2	Transient rod bank 2	cm
RSF	Transient rod shadowing factor	energy - normalized
PRSF	Product of SF1C and RSF	MW
ERSF	(PRSF) dt	MJ
FM1L	Inlet (lower) flowmeter	cm^3/s
FM2L	Outlet (upper) flowmeter	cm^3/s
FM3L	Pump leg flowmeter	cm^3/s
PT1L, PT1H	Inlet (lower) pressure transducer	MPa (absolute)
PT2L, PT2H	Outlet (upper) pressure transducer	MPa (absolute)
TCxx	Thermocouple xx (see Fig. 2.2 for thermocouple locations)	K
SSG	Scram signal generator (test M2 only)	--
IB	ALIP current (phase B)	amp

NOTES:

(1) FM1L = FM3L: Full scale (2 mv)

(2) PT1L, PT2L: Full scale (4 mv)

(3) PT1H, PT2H: Full scale (15 mv)

(4) Thermocouples mounted on the following flowmeter permanent magnets:

FM-1: TC-22

FM-2: TC-24
TC-28 (Test M2 only)
TC-25 (Test M3 only)

FM-3: TC-26 (Test M3 only)
TC-27

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) SAF1 MW RECORD = 1

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0255	0.151	-0.023	-0.020	-0.054	-0.057	-0.028	-0.022	-0.032	-0.033	-0.010
0.5255	-0.026	-0.039	-0.034	-0.034	-0.012	-0.037	-0.047	-0.026	-0.013	-0.027
1.0255	-0.046	-0.025	-0.013	-0.033	-0.034	-0.024	-0.027	-0.020	-0.030	-0.023
1.5255	-0.030	-0.023	-0.041	-0.025	-0.013	-0.015	-0.035	-0.012	-0.010	-0.021
2.0255	-0.024	-0.013	-0.007	-0.011	-0.016	-0.017	-0.003	0.020	-0.015	0.008
2.5255	0.030	0.011	0.017	0.028	0.043	0.043	0.042	0.051	0.082	0.085
3.0255	0.089	0.129	0.161	0.186	0.194	0.252	0.264	0.339	0.380	0.455
3.5255	0.545	0.616	0.715	0.861	1.018	1.158	1.354	1.602	1.851	2.150
4.0255	2.504	2.859	3.378	3.922	4.540	5.286	6.135	7.096	8.205	9.516
4.5255	11.011	12.756	14.735	17.036	19.674	22.619	24.535	24.948	25.127	25.301
5.0255	25.536	25.787	26.010	26.155	26.252	26.337	26.368	26.358	26.324	26.326
5.5255	26.259	26.214	26.147	26.136	26.082	26.023	25.962	25.982	25.955	25.912
6.0255	25.883	25.871	25.844	25.823	25.802	25.799	25.771	25.772	25.740	25.738
6.5255	25.765	25.737	25.729	25.714	25.751	25.721	25.721	25.691	25.708	25.696
7.0255	25.666	25.692	25.725	25.691	25.657	25.703	25.703	25.670	25.662	25.722
7.5255	25.705	25.682	25.673	25.651	25.697	25.669	25.682	25.676	25.686	25.689
8.0255	25.689	25.664	25.691	25.701	25.691	25.710	25.713	25.706	25.687	25.714
8.5255	25.712	25.704	25.693	25.704	25.708	25.700	25.708	25.696	25.721	25.717
9.0255	25.714	25.712	25.725	25.708	25.702	25.749	25.472	25.728	25.714	25.724
9.5255	25.745	25.726	25.734	25.735	25.744	25.744	25.740	25.743	25.755	25.727
10.0255	25.732	25.735	25.793	25.764	25.763	25.768	25.773	25.749	25.747	25.770
10.5255	25.784	25.774	25.776	25.799	25.807	25.804	25.772	25.809	25.834	25.814
11.0255	25.794	25.816	25.834	25.817	25.818	25.824	25.845	25.840	25.849	25.834
11.5255	25.847	25.841	25.806	25.846	25.845	25.848	25.836	25.860	25.890	25.860
12.0255	25.873	25.854	25.903	25.853	25.882	25.900	25.906	25.886	25.884	25.886
12.5255	25.937	25.888	25.914	25.945	25.926	25.917	25.900	25.905	25.946	25.907
13.0255	25.913	25.933	25.954	25.952	25.940	25.941	25.958	25.939	25.942	25.961
13.5255	25.966	25.941	25.958	25.946	25.967	25.988	25.975	25.989	26.004	25.991
14.0255	25.968	26.007	25.994	25.992	25.986	26.015	26.026	25.987	25.999	26.034
14.5255	26.033	26.011	26.013	26.026	26.036	26.044	26.047	26.042	26.055	26.057
15.0255	26.034	26.038	26.077	26.061	26.051	26.067	26.091	26.076	26.063	26.098
15.5255	26.112	26.096	26.080	26.104	26.117	26.091	26.123	26.106	26.137	26.119
16.0255	26.082	26.124	26.136	26.143	26.127	26.142	26.153	26.143	26.133	26.139
16.5255	26.159	26.153	26.147	26.170	26.181	26.160	26.158	26.160	26.187	26.153
17.0255	26.140	26.187	26.171	26.208	26.188	26.195	26.225	26.199	26.177	26.190
17.5255	26.202	26.202	26.193	26.234	26.238	26.226	26.248	26.241	26.252	26.255
18.0255	26.213	26.242	26.253	26.226	26.225	26.251	26.271	26.204	26.231	26.264
18.5255	26.259	26.233	26.241	26.226	26.270	26.273	26.252	26.266	26.286	26.257
19.0255	26.245	26.289	26.314	26.291	26.272	26.307	26.314	26.297	26.275	26.314
19.5255	26.333	26.297	26.287	26.327	26.318	26.309	26.286	26.297	26.327	26.321
20.0255	26.326	26.334	26.351	26.314	26.313	26.354	26.341	26.341	26.338	26.331
20.5255	26.337	26.348	26.347	26.357	26.370	26.382	26.349	26.354	26.369	26.386
21.0255	26.370	26.382	26.402	26.381	26.371	26.356	26.399	26.375	26.372	26.375
21.5255	26.383	26.375	26.353	26.396	26.384	26.377	26.384	26.389	26.400	26.404
22.0255	26.363	26.406	26.401	26.393	26.366	26.402	26.394	26.366	26.368	26.410
22.5255	26.390	26.408	26.395	26.427	26.404	26.414	26.402	26.397	26.415	26.405
23.0255	26.387	26.408	26.412	26.394	26.396	26.413	26.418	26.415	26.377	26.426
23.5255	26.411	26.414	26.407	26.427	26.427	26.409	26.401	26.423	26.425	26.405
24.0255	26.421	26.423	26.452	26.417	26.398	26.450	26.432	26.434	26.403	26.453
24.5255	26.448	26.417	26.401	26.441	26.443	26.418	26.413	26.429	26.448	26.446

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) SAF1 MW RECORD = 2

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0255	26.448	26.425	26.428	26.403	26.401	26.425	26.442	26.422	26.405	26.436
25.5255	26.453	26.428	26.411	26.425	26.437	26.410	26.387	26.430	26.444	26.376
26.0255	25.028	16.207	4.557	1.092	0.776	0.751	0.747	0.726	0.687	0.689
26.5255	0.697	0.660	0.644	0.615	0.632	0.617	0.598	0.605	0.600	0.574
27.0255	0.571	0.569	0.569	0.548	0.528	0.555	0.558	0.516	0.522	0.511
27.5255	0.522	0.508	0.494	0.490	0.489	0.478	0.463	0.471	0.480	0.464
28.0255	0.452	0.463	0.472	0.448	0.406	0.426	0.423	0.416	0.396	0.418
28.5255	0.430	0.407	0.396	0.407	0.400	0.377	0.366	0.389	0.397	0.371
29.0255	0.364	0.370	0.360	0.352	0.356	0.363	0.358	0.338	0.342	0.337
29.5255	0.357	0.332	0.333	0.331	0.339	0.326	0.317	0.330	0.322	0.322
30.0255	0.309	0.325	0.321	0.300	0.304	0.308	0.314	0.306	0.279	0.290
30.5255	0.291	0.295	0.279	0.299	0.304	0.270	0.275	0.278	0.287	0.260
31.0255	0.272	0.271	0.274	0.277	0.267	0.273	0.262	0.264	0.257	0.249
31.5255	0.279	0.245	0.256	0.259	0.259	0.254	0.242	0.249	0.264	0.236
32.0255	0.225	0.247	0.234	0.228	0.223	0.234	0.238	0.238	0.219	0.235
32.5255	0.231	0.231	0.224	0.213	0.241	0.226	0.197	0.212	0.232	0.221
33.0255	0.202	0.218	0.221	0.205	0.193	0.212	0.208	0.207	0.206	0.208
33.5255	0.212	0.194	0.189	0.210	0.214	0.195	0.183	0.212	0.200	0.185
34.0255	0.182	0.192	0.187	0.198	0.173	0.186	0.202	0.180	0.178	0.189
34.5255	0.176	0.176	0.176	0.175	0.179	0.190	0.167	0.155	0.182	0.174
35.0255	0.174	0.187	0.184	0.162	0.170	0.170	0.178	0.178	0.161	0.178
35.5255	0.174	0.166	0.163	0.171	0.164	0.164	0.151	0.164	0.166	0.177
36.0255	0.159	0.167	0.177	0.161	0.152	0.163	0.166	0.161	0.148	0.162
36.5255	0.167	0.154	0.147	0.146	0.168	0.148	0.141	0.148	0.143	0.142
37.0255	0.143	0.139	0.150	0.145	0.136	0.149	0.162	0.133	0.138	0.138
37.5255	0.147	0.135	0.123	0.161	0.133	0.137	0.131	0.135	0.140	0.130
38.0255	0.137	0.140	0.135	0.129	0.110	0.132	0.129	0.142	0.124	0.130
38.5255	0.151	0.131	0.124	0.126	0.133	0.127	0.097	0.113	0.125	0.126
39.0255	0.099	0.118	0.130	0.119	0.119	0.113	0.120	0.098	0.117	0.100
39.5255	0.112	0.100	0.105	0.112	0.118	0.119	0.085	0.096	0.105	0.105
40.0255	0.105	0.105	0.105	0.105	0.105	0.105	0.105	0.105	0.105	0.105
40.5255	0.105	0.105	0.105	0.105	0.105	0.105	0.105	0.105	0.105	0.105
41.0255	0.105	0.105	0.105	0.105	0.105	0.105	0.105	0.105	0.105	0.105
41.5255	0.105	0.105	0.105	0.105	0.105	0.105	0.105	0.105	0.105	0.105
42.0255	0.105	0.105	0.105	0.105	0.105	0.105	0.105	0.105	0.105	0.105
42.5255	0.105	0.105	0.105	0.105	0.105	0.105	0.105	0.105	0.105	0.105
43.0255	0.105	0.105	0.105	0.105	0.105	0.105	0.105	0.105	0.105	0.105
43.5255	0.105	0.105	0.105	0.105	0.105	0.105	0.105	0.105	0.105	0.105
44.0255	0.105	0.105	0.105	0.105	0.105	0.105	0.105	0.105	0.105	0.105
44.5255	0.105	0.105	0.105	0.105	0.105	0.105	0.105	0.105	0.105	0.105
45.0255	0.105	0.105	0.105	0.105	0.105	0.105	0.105	0.105	0.105	0.105
45.5255	0.105	0.105	0.105	0.105	0.105	0.105	0.105	0.105	0.105	0.105
46.0255	0.105	0.105	0.105	0.105	0.105	0.105	0.105	0.105	0.105	0.105
46.5255	0.105	0.105	0.105	0.105	0.105	0.105	0.105	0.105	0.105	0.105
47.0255	0.105	0.105	0.105	0.105	0.105	0.105	0.105	0.105	0.105	0.105
47.5255	0.105	0.105	0.105	0.105	0.105	0.105	0.105	0.105	0.105	0.105
48.0255	0.105	0.105	0.105	0.105	0.105	0.105	0.105	0.105	0.105	0.105
48.5255	0.105	0.105	0.105	0.105	0.105	0.105	0.105	0.105	0.105	0.105
49.0255	0.105	0.105	0.105	0.105	0.105	0.105	0.105	0.105	0.105	0.105
49.5255	0.105	0.105	0.105	0.105	0.105	0.105	0.105	0.105	0.105	0.105

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) INT1 MJ RECORD = 3

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0257	1.750	-0.482	-0.644	-0.733	-0.796	-0.782	-0.531	-0.790	-0.754	-0.772
0.5257	-0.341	-0.605	-0.756	-0.656	-0.635	-0.666	-0.781	-0.777	-0.561	-0.656
1.0257	-1.034	-0.624	-0.359	-0.599	-0.730	-0.563	-0.599	-0.775	-0.566	-0.571
1.5257	-0.556	-0.560	-0.881	-0.493	-0.402	-0.621	-0.620	-0.659	-0.466	-0.480
2.0257	-0.700	-0.532	-0.431	-0.588	-0.884	-0.549	-0.267	-0.729	-0.603	-0.409
2.5257	-0.378	-0.777	-0.510	-0.424	-0.370	-0.419	-0.793	-0.343	-0.151	-0.700
3.0257	-0.567	-0.250	-0.468	-0.309	-0.194	-0.367	-0.341	-0.462	-0.539	-0.260
3.5257	0.064	-0.174	-0.246	-0.250	0.048	-0.063	0.029	-0.033	0.278	0.080
4.0257	0.048	0.471	0.803	0.577	1.003	1.143	1.743	1.748	2.195	2.725
4.5257	3.251	3.733	4.333	5.110	6.163	6.940	8.073	9.236	10.717	11.737
5.0257	12.840	14.500	15.934	16.830	18.002	19.688	20.758	21.989	23.149	24.760
5.5257	26.122	27.411	28.280	29.917	31.318	32.356	33.407	34.963	36.358	37.727
6.0257	38.764	40.140	41.352	42.350	43.939	45.182	46.593	47.670	48.844	50.310
6.5257	51.647	52.783	53.884	55.177	56.778	57.760	59.083	60.395	61.312	62.922
7.0257	64.233	65.387	66.831	67.910	69.058	70.394	71.934	72.926	74.231	75.586
7.5257	76.953	77.772	79.100	80.722	82.200	83.065	84.059	85.606	87.054	88.176
8.0257	89.043	90.636	92.019	93.178	94.268	95.621	97.214	98.271	99.524	100.720
8.5257	102.037	103.396	104.580	105.968	107.276	108.304	109.400	111.062	112.236	113.358
9.0257	114.559	115.961	117.256	118.546	119.590	120.892	122.245	123.523	124.457	126.181
9.5257	127.303	128.519	129.677	130.996	132.460	133.615	134.590	136.233	137.619	138.679
10.0257	139.650	141.348	142.601	143.536	144.801	146.184	147.590	148.854	149.719	151.504
10.5257	152.434	153.821	154.916	156.291	157.731	158.819	160.012	161.346	162.749	164.125
11.0257	165.108	166.538	167.941	169.320	170.036	171.625	173.012	174.156	175.249	176.565
11.5257	178.022	179.147	180.394	181.773	183.125	184.342	185.354	186.962	188.232	189.345
12.0257	190.301	191.917	193.004	194.419	195.426	196.837	198.404	199.446	200.435	202.201
12.5257	203.636	204.454	205.929	207.214	208.574	209.579	210.790	212.224	213.630	214.670
13.0257	215.830	217.152	218.519	219.659	220.975	222.278	223.681	224.796	226.053	227.465
13.5257	228.875	229.917	231.043	232.566	234.007	235.045	236.189	237.660	238.894	240.045
14.0257	241.139	242.632	243.997	245.083	246.290	247.635	249.255	250.204	251.514	252.995
14.5257	254.290	255.211	256.443	257.821	259.529	260.247	261.552	263.130	264.444	265.431
15.0257	266.676	267.968	269.469	270.711	271.608	273.129	274.409	275.929	276.888	278.465
15.5257	279.663	280.709	281.923	283.352	284.805	285.890	287.037	288.501	289.868	290.778
16.0257	292.172	293.401	294.893	295.879	297.036	298.563	299.877	300.960	302.391	303.499
16.5257	305.337	306.065	307.100	308.846	310.064	311.192	312.413	313.896	315.092	316.387
17.0257	317.474	318.982	320.467	321.453	322.610	324.092	325.582	326.478	327.804	329.248
17.5257	330.505	331.692	332.795	334.383	335.890	336.813	337.977	339.294	340.894	341.940
18.0257	343.162	344.507	345.977	346.878	348.139	349.518	351.085	351.933	353.400	354.803
18.5257	356.303	357.268	358.408	359.823	361.182	362.533	363.294	364.873	366.488	367.581
19.0257	368.500	370.136	371.567	372.532	373.687	375.193	376.438	377.663	378.876	380.366
19.5257	381.772	382.807	384.051	385.547	386.886	387.680	389.068	390.404	391.978	393.171
20.0257	394.184	395.413	397.098	398.155	399.133	400.810	402.212	403.272	404.419	405.818
20.5257	407.145	408.377	409.486	410.988	412.280	413.505	414.522	416.130	417.466	418.626
21.0257	419.752	421.141	422.518	423.869	424.807	426.195	427.949	428.771	430.121	431.407
21.5257	432.881	434.066	434.982	436.498	437.903	439.235	440.288	441.732	443.418	444.043
22.0257	445.093	446.936	448.137	449.097	450.612	451.943	453.164	454.623	455.486	456.958
22.5257	458.484	459.643	460.900	462.124	463.568	464.793	465.931	467.290	468.628	469.867
23.0257	471.028	472.522	473.735	474.819	476.087	477.550	479.058	480.163	481.324	482.771
23.5257	483.977	485.242	486.019	487.823	489.254	490.041	491.470	492.714	494.437	495.445
24.0257	496.615	498.147	499.277	500.622	501.434	503.131	504.459	505.693	506.496	508.115
24.5257	509.536	510.611	511.801	513.117	514.706	515.862	516.868	518.370	519.842	520.806

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) INT1 MJ RECORD = 4

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0257	522.081	523.414	524.950	526.149	527.268	528.508	529.743	531.002	532.202	533.536
25.5257	535.004	536.079	537.088	538.577	539.745	540.788	542.052	543.458	544.471	545.778
26.0257	546.696	548.055	548.705	548.695	548.506	548.795	548.834	548.723	548.649	548.848
26.5257	548.949	548.971	548.799	549.073	549.262	548.834	548.730	549.274	549.203	548.865
27.0257	548.995	549.132	549.294	549.372	549.054	549.230	549.392	549.281	549.130	549.347
27.5257	549.635	549.402	549.302	549.488	549.510	549.699	549.312	549.547	549.653	549.488
28.0257	549.340	549.555	549.899	549.723	549.365	549.568	549.916	549.689	549.501	549.740
28.5257	550.112	549.795	549.847	549.903	550.044	549.762	549.878	549.864	550.186	549.904
29.0257	549.889	549.913	550.216	549.773	549.798	550.089	550.332	550.023	550.210	549.997
29.5257	550.206	550.079	550.008	550.240	550.266	550.283	550.071	550.274	550.411	550.342
30.0257	550.[illegible]6	550.256	550.452	550.576	550.205	550.315	550.378	550.181	550.093	550.455
30.5257	55[illegible]62	550.511	550.308	550.150	550.709	550.734	550.241	550.410	550.762	372.912
31.0257	[illegible].416	6.427	1.911	0.296	0.070	-0.036	0.081	0.042	-0.142	-0.106
31.5257	[illegible].189	-0.068	-0.158	0.063	0.144	-0.145	-0.190	-0.065	0.228	-0.222
32.0257	-0.248	-0.190	0.368	-0.142	-0.297	-0.007	0.178	-0.156	-0.086	-0.205
32.5257	0.028	-0.024	-0.130	0.023	0.016	-0.093	-0.140	0.252	-0.011	0.199
33.0257	-0.195	0.064	0.029	0.055	-0.092	0.143	0.194	-0.031	-0.281	-0.088
33.5257	0.235	-0.191	0.003	0.017	0.260	-0.042	0.050	0.071	0.267	-0.147
34.0257	0.080	-0.032	0.085	0.314	-0.089	-0.053	0.144	-0.038	-0.251	-0.251
34.5257	0.284	-0.116	-0.105	0.127	0.194	-0.106	-0.032	0.104	-0.033	0.189
35.0257	-0.212	-0.088	0.094	0.021	-0.188	0.388	0.233	0.143	-0.068	0.200
35.5257	0.409	0.017	0.038	-0.038	0.020	-0.085	0.073	0.134	0.239	0.010
36.0257	0.004	0.098	0.176	0.032	-0.089	-0.038	0.178	0.023	0.090	0.289
36.5257	0.087	0.098	0.013	0.043	0.137	0.154	-0.163	0.242	0.275	0.179
37.0257	-0.061	0.029	0.045	0.078	-0.156	0.090	0.260	0.267	0.144	0.284
37.5257	0.016	0.067	0.074	0.196	0.460	0.060	0.004	-0.170	0.197	-0.039
38.0257	-0.194	-0.031	0.069	-0.059	0.006	0.127	0.203	-0.100	-0.172	0.112
38.5257	0.130	0.211	0.165	0.196	0.312	-0.109	0.077	0.095	0.263	-0.012
39.0257	-0.028	-0.081	0.064	0.084	-0.341	-0.049	0.245	0.224	-0.112	0.027
39.5257	0.222	-0.190	-0.036	-0.036	0.225	0.053	-0.331	0.006	0.147	0.281
40.0257	0.281	0.281	0.281	0.281	0.281	0.281	0.281	0.281	0.281	0.281
40.5257	0.281	0.281	0.281	0.281	0.281	0.281	0.281	0.281	0.281	0.281
41.0257	0.281	0.281	0.281	0.281	0.281	0.281	0.281	0.281	0.281	0.281
41.5257	0.281	0.281	0.281	0.281	0.281	0.281	0.281	0.281	0.281	0.281
42.0257	0.281	0.281	0.281	0.281	0.281	0.281	0.281	0.281	0.281	0.281
42.5257	0.281	0.281	0.281	0.281	0.281	0.281	0.281	0.281	0.281	0.281
43.0257	0.281	0.281	0.281	0.281	0.281	0.281	0.281	0.281	0.281	0.281
43.5257	0.281	0.281	0.281	0.281	0.281	0.281	0.281	0.281	0.281	0.281
44.0257	0.281	0.281	0.281	0.281	0.281	0.281	0.281	0.281	0.281	0.281
44.5257	0.281	0.281	0.281	0.281	0.281	0.281	0.281	0.281	0.281	0.281
45.0257	0.281	0.281	0.281	0.281	0.281	0.281	0.281	0.281	0.281	0.281
45.5257	0.281	0.281	0.281	0.281	0.281	0.281	0.281	0.281	0.281	0.281
46.0257	0.281	0.281	0.281	0.281	0.281	0.281	0.281	0.281	0.281	0.281
46.5257	0.281	0.281	0.281	0.281	0.281	0.281	0.281	0.281	0.281	0.281
47.0257	0.281	0.281	0.281	0.281	0.281	0.281	0.281	0.281	0.281	0.281
47.5257	0.281	0.281	0.281	0.281	0.281	0.281	0.281	0.281	0.281	0.281
48.0257	0.281	0.281	0.281	0.281	0.281	0.281	0.281	0.281	0.281	0.281
48.5257	0.281	0.281	0.281	0.281	0.281	0.281	0.281	0.281	0.281	0.281
49.0257	0.281	0.281	0.281	0.281	0.281	0.281	0.281	0.281	0.281	0.281
49.5257	0.281	0.281	0.281	0.281	0.28[illegible]	0.281	0.281	0.281	0.281	0.281

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) SF1C MW RECORD = 7

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0255	0.157	-0.013	-0.010	-0.043	-0.047	-0.018	-0.012	-0.022	-0.023	0.000
0.5255	-0.016	-0.029	-0.024	-0.024	-0.002	-0.027	-0.036	-0.016	-0.004	-0.018
1.0255	-0.036	-0.015	-0.003	-0.023	-0.024	-0.014	-0.017	-0.010	-0.020	-0.013
1.5255	-0.020	-0.013	-0.031	-0.015	-0.003	-0.005	-0.025	-0.002	0.000	-0.011
2.0255	-0.014	-0.004	0.002	-0.007	-0.006	-0.008	0.006	0.029	-0.005	0.017
2.5255	0.039	0.020	0.026	0.036	0.051	0.051	0.050	0.059	0.089	0.092
3.0255	0.096	0.135	0.167	0.191	0.199	0.255	0.267	0.340	0.381	0.454
3.5255	0.542	0.611	0.707	0.850	1.004	1.140	1.332	1.574	1.817	2.109
4.0255	2.455	2.801	3.309	3.840	4.444	5.172	6.001	6.940	8.023	9.304
4.5255	10.764	12.468	14.401	16.648	19.226	22.102	23.973	24.377	24.551	24.721
5.0255	24.951	25.196	25.413	25.555	25.650	25.733	25.763	25.753	25.720	25.723
5.5255	25.657	25.613	25.547	25.537	25.484	25.426	25.367	25.386	25.360	25.318
6.0255	25.290	25.278	25.251	25.231	25.211	25.207	25.181	25.181	25.149	25.148
6.5255	25.175	25.147	25.139	25.124	25.161	25.131	25.132	25.102	25.119	25.107
7.0255	25.078	25.103	25.135	25.102	25.069	25.113	25.114	25.082	25.074	25.132
7.5255	25.116	25.093	25.084	25.063	25.108	25.080	25.093	25.087	25.098	25.101
8.0255	25.100	25.076	25.102	25.111	25.102	25.121	25.124	25.116	25.098	25.125
8.5255	25.123	25.115	25.104	25.115	25.119	25.111	25.119	25.107	25.131	25.122
9.0255	25.125	25.122	25.136	25.119	25.113	25.159	24.888	25.138	25.125	25.134
9.5255	25.155	25.136	25.144	25.145	25.153	25.154	25.150	25.153	25.165	25.137
10.0255	25.142	25.145	25.202	25.174	25.173	25.177	25.182	25.159	25.156	25.179
10.5255	25.193	25.183	25.185	25.208	25.216	25.212	25.181	25.218	25.242	25.223
11.0255	25.203	25.224	25.242	25.225	25.226	25.232	25.252	25.247	25.256	25.242
11.5255	25.254	25.248	25.214	25.254	25.252	25.255	25.244	25.267	25.296	25.267
12.0255	25.279	25.261	25.309	25.260	25.288	25.306	25.312	25.292	25.290	25.292
12.5255	25.342	25.294	25.320	25.350	25.332	25.323	25.307	25.311	25.352	25.313
13.0255	25.319	25.339	25.359	25.357	25.345	25.346	25.363	25.344	25.348	25.366
13.5255	25.371	25.346	25.363	25.351	25.372	25.392	25.380	25.393	25.408	25.395
14.0255	25.373	25.411	25.398	25.396	25.390	25.419	25.430	25.391	25.402	25.437
14.5255	25.436	25.415	25.417	25.429	25.439	25.447	25.449	25.445	25.458	25.459
15.0255	25.437	25.441	25.479	25.464	25.454	25.469	25.493	25.478	25.466	25.500
15.5255	25.514	25.497	25.482	25.506	25.518	25.493	25.524	25.507	25.537	25.520
16.0255	25.484	25.525	25.537	25.544	25.528	25.543	25.553	25.544	25.534	25.539
16.5255	25.559	25.553	25.547	25.570	25.581	25.560	25.558	25.560	25.586	25.554
17.0255	25.540	25.587	25.571	25.607	25.588	25.594	25.623	25.598	25.576	25.590
17.5255	25.601	25.602	25.592	25.632	25.637	25.624	25.646	25.640	25.650	25.653
18.0255	25.612	25.640	25.651	25.625	25.624	25.649	25.668	25.604	25.629	25.662
18.5255	25.657	25.631	25.639	25.625	25.667	25.671	25.650	25.664	25.683	25.655
19.0255	25.644	25.686	25.710	25.688	25.670	25.704	25.710	25.693	25.673	25.711
19.5255	25.729	25.694	25.684	25.723	25.715	25.706	25.683	25.694	25.724	25.717
20.0255	25.723	25.730	25.746	25.711	25.709	25.750	25.737	25.737	25.734	25.727
20.5255	25.733	25.744	25.743	25.753	25.766	25.777	25.745	25.750	25.764	25.781
21.0255	25.766	25.777	25.797	25.776	25.766	25.752	25.793	25.770	25.767	25.770
21.5255	25.778	25.771	25.748	25.790	25.779	25.772	25.779	25.784	25.794	25.799
22.0255	25.758	25.800	25.795	25.788	25.761	25.797	25.789	25.761	25.763	25.804
22.5255	25.785	25.803	25.790	25.821	25.799	25.808	25.797	25.792	25.809	25.799
23.0255	25.782	25.802	25.806	25.788	25.790	25.807	25.812	25.809	25.772	25.820
23.5255	25.805	25.808	25.801	25.821	25.820	25.804	25.795	25.817	25.819	25.799
24.0255	25.815	25.817	25.846	25.812	25.792	25.843	25.826	25.827	25.798	25.846
24.5255	25.842	25.811	25.795	25.834	25.836	25.813	25.807	25.823	25.841	25.839

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) SF1C MW RECORD = 8

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0255	25.841	25.819	25.822	25.798	25.796	25.819	25.836	25.816	25.799	25.830
25.5255	25.846	25.821	25.806	25.819	25.831	25.804	25.782	25.824	25.838	25.771
26.0255	24.454	15.839	4.460	1.075	0.768	0.743	0.739	0.718	0.680	0.683
26.5255	0.690	0.654	0.638	0.610	0.627	0.612	0.593	0.601	0.595	0.569
27.0255	0.567	0.565	0.565	0.545	0.525	0.551	0.555	0.513	0.519	0.508
27.5255	0.519	0.506	0.492	0.488	0.487	0.476	0.462	0.470	0.478	0.462
28.0255	0.451	0.462	0.471	0.447	0.406	0.425	0.422	0.415	0.396	0.417
28.5255	0.429	0.407	0.396	0.406	0.400	0.377	0.366	0.389	0.397	0.371
29.0255	0.365	0.371	0.360	0.353	0.357	0.364	0.359	0.340	0.343	0.339
29.5255	0.358	0.333	0.335	0.333	0.340	0.328	0.319	0.332	0.324	0.323
30.0255	0.312	0.327	0.323	0.302	0.306	0.310	0.316	0.308	0.282	0.292
30.5255	0.293	0.298	0.282	0.301	0.306	0.273	0.277	0.281	0.290	0.263
31.0255	0.275	0.274	0.277	0.280	0.270	0.276	0.266	0.267	0.260	0.252
31.5255	0.282	0.249	0.259	0.262	0.262	0.257	0.246	0.252	0.267	0.240
32.0255	0.229	0.250	0.238	0.232	0.227	0.238	0.242	0.242	0.223	0.239
32.5255	0.235	0.235	0.228	0.217	0.244	0.230	0.202	0.216	0.236	0.225
33.0255	0.206	0.222	0.225	0.210	0.198	0.216	0.213	0.212	0.210	0.212
33.5255	0.216	0.199	0.193	0.214	0.218	0.200	0.187	0.216	0.205	0.190
34.0255	0.187	0.197	0.192	0.202	0.178	0.191	0.207	0.185	0.183	0.194
34.5255	0.182	0.181	0.182	0.180	0.184	0.195	0.172	0.161	0.187	0.179
35.0255	0.180	0.192	0.189	0.168	0.176	0.175	0.183	0.183	0.166	0.183
35.5255	0.179	0.171	0.169	0.176	0.169	0.169	0.157	0.170	0.172	0.183
36.0255	0.164	0.172	0.183	0.167	0.158	0.169	0.172	0.166	0.154	0.167
36.5255	0.173	0.160	0.152	0.152	0.173	0.154	0.147	0.154	0.149	0.148
37.0255	0.149	0.145	0.156	0.151	0.142	0.154	0.167	0.139	0.144	0.144
37.5255	0.153	0.141	0.129	0.167	0.139	0.143	0.137	0.141	0.146	0.137
38.0255	0.143	0.146	0.141	0.135	0.117	0.138	0.136	0.148	0.131	0.137
38.5255	0.157	0.137	0.130	0.132	0.140	0.133	0.104	0.120	0.131	0.133
39.0255	0.106	0.124	0.136	0.125	0.126	0.119	0.127	0.105	0.124	0.107
39.5255	0.119	0.107	0.112	0.118	0.124	0.126	0.092	0.103	0.111	0.112
40.0255	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112
40.5255	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112
41.0255	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112
41.5255	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112
42.0255	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112
42.5255	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112
43.0255	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112
43.5255	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112
44.0255	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112
44.5255	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112
45.0255	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112
45.5255	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112
46.0255	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112
46.5255	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112
47.0255	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112
47.5255	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112
48.0255	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112
48.5255	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112
49.0255	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112
49.5255	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) IN1C MJ RECORD = 9

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0257	2.312	0.080	-0.082	-0.172	-0.235	-0.221	0.031	-0.229	-0.193	-0.211
0.5257	0.221	-0.043	-0.194	-0.095	-0.074	-0.105	-0.219	-0.215	0.000	-0.095
1.0257	-0.472	-0.063	0.203	-0.038	-0.169	-0.001	-0.038	-0.214	-0.004	-0.010
1.5257	0.006	0.001	-0.320	0.068	0.159	-0.060	-0.059	-0.098	0.095	0.081
2.0257	-0.138	0.029	0.130	-0.027	-0.323	0.013	0.295	-0.168	-0.042	0.152
2.5257	0.183	-0.215	0.052	0.137	0.191	0.143	-0.232	0.218	0.411	-0.138
3.0257	-0.006	0.312	0.094	0.253	0.367	0.194	0.221	0.099	0.022	0.302
3.5257	0.626	0.387	0.316	0.312	0.609	0.499	0.591	0.528	0.840	0.641
4.0257	0.609	1.032	1.365	1.138	1.565	1.704	2.305	2.309	2.756	3.287
4.5257	3.812	4.294	4.895	5.671	6.725	7.501	8.634	9.798	11.278	12.298
5.0257	13.402	15.061	16.496	17.391	18.563	20.249	21.319	22.550	23.711	25.321
5.5257	26.683	27.973	28.842	30.479	31.880	32.918	33.968	35.524	36.920	38.289
6.0257	39.325	40.701	41.914	42.911	44.501	45.744	47.155	48.232	49.405	50.872
6.5257	52.209	53.344	54.445	55.739	57.339	58.321	59.644	60.956	61.874	63.483
7.0257	64.795	65.948	67.393	68.471	69.619	70.955	72.496	73.487	74.792	76.147
7.5257	77.515	78.333	79.662	81.283	82.761	83.626	84.621	86.167	87.616	88.737
8.0257	89.605	91.197	92.580	93.740	94.829	96.183	97.775	98.833	100.086	101.281
8.5257	102.599	103.958	105.141	106.529	107.837	108.865	109.962	111.624	112.797	113.919
9.0257	115.120	116.523	117.818	119.107	120.152	121.454	122.806	124.084	125.019	126.742
9.5257	127.864	129.081	130.239	131.557	133.021	134.177	135.152	136.794	138.180	139.240
10.0257	140.211	141.910	143.163	144.097	145.363	146.746	148.151	149.415	150.280	152.065
10.5257	152.996	154.383	155.478	156.852	158.293	159.381	160.574	161.908	163.310	164.686
11.0257	165.669	167.100	168.502	169.881	170.598	172.186	173.573	174.717	175.811	177.127
11.5257	178.584	179.708	180.956	182.334	183.686	184.903	185.916	187.524	188.794	189.907
12.0257	190.862	192.478	193.565	194.980	195.988	197.398	198.966	200.008	200.997	202.762
12.5257	204.197	205.016	206.491	207.776	209.135	210.141	211.352	212.785	214.192	215.231
13.0257	216.392	217.713	219.081	220.221	221.537	222.840	224.242	225.357	226.614	228.026
13.5257	229.436	230.478	231.604	233.128	234.568	235.606	236.750	238.221	239.456	240.607
14.0257	241.701	243.194	244.559	245.644	246.851	248.196	249.817	250.765	252.075	253.556
14.5257	254.851	255.773	257.005	258.382	260.091	260.809	262.113	263.692	265.005	265.992
15.0257	267.237	268.529	270.031	271.273	272.170	273.691	274.970	276.490	277.450	279.027
15.5257	280.224	281.270	282.484	283.913	285.366	286.451	287.598	289.062	290.430	291.339
16.0257	292.733	293.962	295.454	296.440	297.597	299.124	300.438	301.521	302.953	304.060
16.5257	305.899	306.627	307.662	309.408	310.626	311.753	312.974	314.458	315.653	316.948
17.0257	318.035	319.544	321.028	322.015	323.171	324.653	326.144	327.039	328.365	329.809
17.5257	331.066	332.254	333.356	334.944	336.451	337.375	338.538	339.856	341.455	342.501
18.0257	343.724	345.069	346.538	347.439	348.701	350.079	351.647	352.495	353.961	355.364
18.5257	356.864	357.829	358.969	360.384	361.743	363.094	363.856	365.434	367.049	368.143
19.0257	369.062	370.698	372.128	373.093	374.248	375.754	376.999	378.224	379.438	380.927
19.5257	382.334	383.369	384.612	386.108	387.448	388.241	389.630	390.965	392.539	393.732
20.0257	394.745	395.974	397.659	398.716	399.694	401.372	402.773	403.833	404.980	406.380
20.5257	407.707	408.939	410.048	411.550	412.842	414.067	415.084	416.691	418.027	419.188
21.0257	420.314	421.702	423.079	424.430	425.369	426.756	428.510	429.332	430.683	431.968
21.5257	433.443	434.628	435.544	437.060	438.465	439.796	440.849	442.294	443.980	444.604
22.0257	445.655	447.497	448.698	449.658	451.174	452.505	453.726	455.184	456.047	457.520
22.5257	459.045	460.205	461.462	462.685	464.130	465.355	466.492	467.851	469.189	470.428
23.0257	471.589	473.084	474.296	475.380	476.649	478.111	479.620	480.725	481.886	483.333
23.5257	484.538	485.804	486.581	488.384	489.816	490.602	492.031	493.276	494.998	496.007
24.0257	497.176	498.708	499.838	501.184	501.995	503.692	505.021	506.254	507.057	508.676
24.5257	510.097	511.173	512.363	513.679	515.267	516.424	517.430	518.931	520.403	521.367

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) IN1C MJ RECORD = 10

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0257	522.643	523.975	525.512	526.710	527.829	529.070	530.305	531.563	532.763	534.097
25.5257	535.565	536.641	537.649	539.138	540.306	541.350	542.614	544.019	545.032	546.339
26.0257	547.257	548.616	549.266	549.256	549.068	549.357	549.396	549.284	549.210	549.410
26.5257	549.510	549.533	549.361	549.635	549.823	549.396	549.291	549.836	549.765	549.426
27.0257	549.556	549.693	549.855	549.934	549.615	549.791	549.953	549.843	549.692	549.908
27.5257	550.196	549.963	549.864	550.049	550.072	550.260	549.874	550.108	550.214	550.049
28.0257	549.901	550.116	550.460	550.284	549.927	550.129	550.477	550.251	550.062	550.301
28.5257	550.674	550.357	550.408	550.464	550.605	550.323	550.439	550.425	550.748	550.466
29.0257	550.450	550.474	550.777	550.334	550.360	550.650	550.893	550.584	550.772	550.558
29.5257	550.767	550.640	550.569	550.801	550.828	550.844	550.632	550.836	550.973	550.903
30.0257	550.707	550.818	551.013	551.138	550.766	550.877	550.939	550.742	550.654	551.016
30.5257	551.023	551.072	550.869	550.712	551.270	551.296	550.802	550.971	551.323	373.473
31.0257	24.978	6.989	2.473	0.858	0.631	0.525	0.643	0.603	0.419	0.455
31.5257	0.750	0.493	0.404	0.624	0.705	0.416	0.372	0.496	0.789	0.339
32.0257	0.313	0.372	0.929	0.419	0.264	0.555	0.739	0.405	0.475	0.356
32.5257	0.590	0.538	0.432	0.584	0.577	0.468	0.422	0.813	0.550	0.760
33.0257	0.366	0.626	0.591	0.616	0.469	0.704	0.756	0.531	0.281	0.474
33.5257	0.796	0.370	0.564	0.578	0.821	0.520	0.612	0.633	0.828	0.415
34.0257	0.641	0.529	0.647	0.876	0.472	0.508	0.705	0.524	0.310	0.310
34.5257	0.845	0.446	0.457	0.689	0.756	0.455	0.529	0.665	0.528	0.750
35.0257	0.349	0.474	0.655	0.583	0.373	0.950	0.795	0.704	0.493	0.761
35.5257	0.971	0.578	0.599	0.524	0.581	0.476	0.634	0.696	0.800	0.571
36.0257	0.566	0.659	0.738	0.594	0.472	0.524	0.739	0.584	0.651	0.851
36.5257	0.648	0.659	0.574	0.605	0.698	0.715	0.398	0.803	0.837	0.740
37.0257	0.500	0.591	0.606	0.640	0.405	0.651	0.821	0.828	0.705	0.845
37.525	0.577	0.629	0.636	0.757	1.021	0.622	0.566	0.391	0.759	0.522
38.025	0.367	0.531	0.630	0.503	0.567	0.689	0.764	0.461	0.390	0.673
38.525	0.691	0.773	0.726	0.757	0.873	0.453	0.638	0.657	0.824	0.549
39.025	0.534	0.481	0.626	0.645	0.221	0.513	0.806	0.785	0.450	0.588
39.5257	0.784	0.372	0.525	0.525	0.786	0.615	0.231	0.567	0.708	0.842
40.0257	0.842	0.842	0.842	0.842	0.842	0.842	0.842	0.842	0.842	0.842
40.5257	0.842	0.842	0.842	0.842	0.842	0.842	0.842	0.842	0.842	0.842
41.0257	0.842	0.842	0.842	0.842	0.842	0.842	0.842	0.842	0.842	0.842
41.5257	0.842	0.842	0.842	0.842	0.842	0.842	0.842	0.842	0.842	0.842
42.0257	0.842	0.842	0.842	0.842	0.842	0.842	0.842	0.842	0.842	0.842
42.5257	0.842	0.842	0.842	0.842	0.842	0.842	0.842	0.842	0.842	0.842
43.0257	0.842	0.842	0.842	0.842	0.842	0.842	0.842	0.842	0.842	0.842
43.5257	0.842	0.842	0.842	0.842	0.842	0.842	0.842	0.842	0.842	0.842
44.0257	0.842	0.842	0.842	0.842	0.842	0.842	0.842	0.842	0.842	0.842
44.5257	0.842	0.842	0.842	0.842	0.842	0.842	0.842	0.842	0.842	0.842
45.0257	0.842	0.842	0.842	0.842	0.842	0.842	0.842	0.842	0.842	0.842
45.5257	0.842	0.842	0.842	0.842	0.842	0.842	0.842	0.842	0.842	0.842
46.0257	0.842	0.842	0.842	0.842	0.842	0.842	0.842	0.842	0.842	0.842
46.5257	0.842	0.842	0.842	0.842	0.842	0.842	0.842	0.842	0.842	0.842
47.0257	0.842	0.842	0.842	0.842	0.842	0.842	0.842	0.842	0.842	0.842
47.5257	0.842	0.842	0.842	0.842	0.842	0.842	0.842	0.842	0.842	0.842
48.0257	0.842	0.842	0.842	0.842	0.842	0.842	0.842	0.842	0.842	0.842
48.5257	0.842	0.842	0.842	0.842	0.842	0.842	0.842	0.842	0.842	0.842
49.0257	0.842	0.842	0.842	0.842	0.842	0.842	0.842	0.842	0.842	0.842
49.5257	0.842	0.842	0.842	0.842	0.842	0.842	0.842	0.842	0.842	0.842

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) ROD1 CM RECORD = 11

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0255	0.040	-0.033	-0.044	-0.089	-0.068	-0.050	-0.020	-0.058	-0.066	-0.021
0.5255	-0.038	6.637	22.516	28.574	30.612	31.238	31.536	31.701	31.861	31.884
1.0255	31.963	32.016	32.078	32.011	32.067	32.139	32.127	32.109	32.108	32.147
1.5255	32.154	32.103	32.129	32.146	32.191	32.117	32.143	32.161	32.193	32.157
2.0255	32.110	32.151	32.170	32.153	32.164	32.202	32.215	32.147	32.152	32.198
2.5255	32.192	32.141	32.145	32.173	32.204	32.156	32.176	32.291	32.581	32.659
3.0255	32.786	32.932	32.964	32.907	32.883	32.940	32.954	32.933	32.936	32.980
3.5255	32.982	32.940	32.951	32.979	32.986	32.984	32.970	32.996	33.028	33.004
4.0255	32.992	33.061	33.081	33.056	33.059	33.096	33.142	33.153	33.166	33.244
4.5255	33.318	33.305	33.387	33.465	33.606	32.598	28.043	26.607	26.601	26.570
5.0255	26.556	26.504	26.383	26.204	26.111	26.020	25.941	25.820	25.784	25.774
5.5255	25.775	25.736	25.708	25.748	25.800	25.799	25.822	25.850	25.921	25.913
6.0255	25.954	26.026	26.065	26.114	26.157	26.216	26.314	26.338	26.395	26.471
6.5255	26.575	26.576	26.632	26.730	26.798	26.842	26.907	26.991	27.088	27.126
7.0255	27.191	27.271	27.390	27.421	27.506	27.592	27.697	27.748	27.826	27.944
7.5255	28.042	28.091	28.209	28.323	28.461	28.509	28.624	28.778	28.885	28.969
8.0255	29.065	29.196	29.361	29.423	29.573	29.668	29.808	29.844	29.965	30.072
8.5255	30.192	30.259	30.375	30.499	30.612	30.691	30.794	30.908	31.050	31.064
9.0255	31.190	31.306	31.443	31.522	31.605	31.696	31.838	31.887	31.992	32.108
9.5255	32.264	32.279	32.382	32.528	32.607	32.677	32.756	32.901	33.016	33.091
10.0255	33.218	33.339	33.501	33.551	33.668	33.829	33.982	34.081	34.240	34.378
10.5255	34.564	34.652	34.833	34.945	35.102	35.186	35.344	35.493	35.635	35.705
11.0255	35.822	35.961	36.080	36.127	36.269	36.377	36.495	36.553	36.657	36.808
11.5255	36.913	36.974	37.083	37.249	37.382	37.457	37.603	37.758	37.929	37.988
12.0255	38.131	38.270	38.409	38.496	38.630	38.799	38.937	39.030	39.152	39.278
12.5255	39.480	39.521	39.684	39.813	39.958	40.030	40.156	40.309	40.472	40.508
13.0255	40.664	40.812	40.964	41.019	41.151	41.295	41.375	41.475	41.532	41.750
13.5255	41.864	41.954	42.107	42.228	42.382	42.444	42.577	42.710	42.852	42.911
14.0255	43.015	43.152	43.283	43.343	43.473	43.577	43.730	43.758	43.890	44.080
14.5255	44.163	44.255	44.366	44.509	44.654	44.718	44.858	44.993	45.161	45.228
15.0255	45.335	45.546	45.674	45.768	45.870	46.031	46.207	46.304	46.414	46.555
15.5255	46.753	46.818	46.917	47.117	47.224	47.351	47.470	47.625	47.753	47.823
16.0255	47.944	48.108	48.194	48.309	48.474	48.588	48.732	48.807	48.920	49.059
16.5255	49.221	49.299	49.441	49.573	49.748	49.804	49.957	50.120	50.286	50.375
17.0255	50.514	50.683	50.835	50.947	51.088	51.207	51.406	51.487	51.615	51.786
17.5255	51.925	52.038	52.146	52.313	52.484	52.588	52.718	52.874	53.042	53.106
18.0255	53.251	53.408	53.543	53.645	53.784	53.951	54.103	54.183	54.331	54.464
18.5255	54.634	54.714	54.876	55.045	55.207	55.323	55.457	55.617	55.806	55.881
19.0255	56.031	56.171	56.368	56.416	56.543	56.718	56.829	56.935	57.041	57.156
19.5255	57.320	57.409	57.550	57.658	57.830	57.885	58.007	58.191	58.290	58.423
20.0255	58.512	58.688	58.869	58.940	59.057	59.193	59.377	59.464	59.607	59.784
20.5255	59.946	60.028	60.189	60.375	60.490	60.600	60.759	60.879	61.078	61.143
21.0255	61.265	61.450	61.592	61.684	61.771	61.923	62.087	62.179	62.281	62.439
21.5255	62.587	62.678	62.826	62.991	63.069	63.232	63.385	63.583	63.725	63.841
22.0255	63.961	64.111	64.331	64.365	64.531	64.726	64.883	64.982	65.132	65.317
22.5255	65.488	65.605	65.749	65.922	66.132	66.192	66.405	66.538	66.699	66.824
23.0255	66.995	67.171	67.351	67.459	67.587	67.778	67.987	68.053	68.227	68.392
23.5255	68.578	68.643	68.753	68.917	69.044	69.140	69.235	69.401	69.539	69.613
24.0255	69.790	69.943	70.116	70.277	70.408	70.606	70.808	70.950	71.094	71.288
24.5255	71.535	71.565	71.739	71.968	72.112	72.218	72.327	72.516	72.686	72.767

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) ROD1 CM RECORD = 12

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0255	72.893	73.052	73.189	73.299	73.468	73.645	73.785	73.858	74.514	74.271
25.5255	74.456	74.562	74.722	74.918	75.126	75.235	75.414	75.646	75.835	75.801
26.0255	62.909	38.339	13.785	-2.363	-2.731	-2.683	-2.698	-2.718	-2.710	-2.725
26.5255	-2.729	-2.728	-2.736	-2.723	-2.735	-2.745	-2.745	-2.724	-2.723	-2.753
27.0255	-2.744	-2.730	-2.700	-2.746	-2.747	-2.800	-2.703	-2.739	-2.756	-2.710
27.5255	-2.595	-2.720	-2.724	-2.721	-2.695	-2.735	-2.750	-2.721	-2.696	-2.747
28.0255	-2.744	-2.716	-2.678	-2.759	-2.740	-2.708	-2.690	-2.734	-2.740	-2.717
28.5255	-2.704	-2.724	-2.736	-2.711	-2.664	-2.732	-2.739	-2.700	-2.715	-2.702
29.0255	-2.761	-2.703	-2.681	-2.715	-2.745	-2.712	-2.677	-2.739	-2.727	-2.725
29.5255	-2.101	-2.142	-2.730	-2.718	-2.699	-2.717	-2.739	-2.704	-2.693	-2.718
30.0255	-2.727	-2.705	-2.708	-2.724	-2.719	-2.700	-2.681	-2.729	-2.724	-2.732
30.5255	-2.696	-2.729	-2.737	-2.714	-2.684	-2.705	-2.745	-2.712	-2.700	-2.714
31.0255	-2.687	-2.680	-2.685	-2.718	-2.714	-2.695	-2.679	-2.706	-2.721	-2.683
31.5255	-2.699	-2.702	-2.723	-2.701	-2.675	-2.713	-2.713	-2.720	-2.660	-2.719
32.0255	-2.737	-2.703	-2.674	-2.688	-2.730	-2.702	-2.678	-2.714	-2.722	-2.710
32.5255	-2.651	-2.758	-2.723	-2.705	-2.699	-2.710	-2.719	-2.680	-2.654	-2.694
33.0255	-2.714	-2.692	-2.687	-2.703	-2.704	-2.684	-2.659	-2.696	-2.751	-2.702
33.5255	-2.660	-2.725	-2.703	-2.679	-2.689	-2.696	-2.706	-2.665	-2.662	-2.725
34.0255	-2.708	-2.685	-2.680	-2.714	-2.715	-2.685	-2.670	-2.695	-2.711	-2.697
34.5255	-2.675	-2.679	-2.726	-2.693	-2.639	-2.703	-2.697	-2.686	-2.673	-2.672
35.0255	-2.681	-2.685	-2.659	-2.667	-2.686	-2.675	-2.647	-2.734	-2.672	-2.660
35.5255	-2.663	-2.663	-2.697	-2.670	-2.663	-2.688	-2.692	-2.666	-2.654	-2.697
36.0255	-2.687	-2.691	-2.624	-2.687	-2.673	-2.654	-2.686	-2.676	-2.704	-2.655
36.5255	-2.640	-2.690	-2.686	-2.665	-2.690	-2.654	-2.678	-2.684	-2.647	-2.660
37.0255	-2.681	-2.676	-2.638	-2.700	-2.672	-2.664	-2.680	-2.679	-2.688	-2.675
37.5255	-2.653	-2.670	-2.676	-2.666	-2.637	-2.653	-2.671	-2.633	-2.645	-2.677
38.0255	-2.684	-2.671	-2.638	-2.654	-2.677	-2.663	-2.656	-2.695	-2.747	-2.663
38.5255	-2.653	-2.668	-2.701	-2.717	-2.626	-2.664	-2.681	-2.683	-2.638	-2.688
39.0255	-2.676	-2.664	-2.653	-2.680	-2.675	-2.672	-2.645	-2.667	-2.668	-2.675
39.5255	-2.649	-2.681	-2.671	-2.673	-2.655	-2.688	-2.659	-2.661	-2.665	-2.661
40.0255	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661
40.5255	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661
41.0255	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661
41.5255	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661
42.0255	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661
42.5255	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661
43.0255	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661
43.5255	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661
44.0255	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661
44.5255	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661
45.0255	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661
45.5255	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661
46.0255	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661
46.5255	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661
47.0255	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661
47.5255	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661
48.0255	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661
48.5255	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661
49.0255	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661
49.5255	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661	-2.661

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) ROD2 CM RECORD = 13

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0256	71.852	71.546	71.602	71.558	71.555	71.543	71.590	71.569	71.568	71.542
0.5256	71.592	71.558	71.549	71.538	71.590	71.577	71.562	71.543	71.618	71.581
1.0256	71.552	71.553	71.592	71.557	71.582	71.558	71.618	71.567	71.572	71.552
1.5256	71.596	71.574	71.565	71.552	71.610	71.583	71.570	71.556	71.613	71.594
2.0256	71.582	71.545	71.601	71.593	71.579	71.559	71.623	71.597	71.574	71.557
2.5256	71.614	71.584	71.588	71.577	71.637	71.587	71.583	71.559	71.638	71.586
3.0256	71.572	71.573	71.618	71.600	71.603	71.582	71.633	71.611	71.582	71.554
3.5256	71.620	71.601	71.584	71.565	71.618	71.590	71.595	71.577	71.636	71.610
4.0256	71.591	71.593	71.623	71.604	71.606	71.579	71.638	71.617	71.598	71.581
4.5256	71.638	71.621	71.601	71.588	71.649	71.599	71.608	71.608	71.652	71.614
5.0256	71.623	71.599	71.644	71.621	71.612	71.587	71.636	71.621	71.618	71.608
5.5256	71.630	71.626	71.602	71.579	71.644	71.615	71.634	71.580	71.652	71.608
6.0256	71.622	71.595	71.653	71.616	71.625	71.604	71.637	71.615	71.606	71.593
6.5256	71.667	71.621	71.613	71.585	71.644	71.613	71.644	71.592	71.642	71.639
7.0256	71.622	71.603	71.650	71.619	71.628	71.596	71.657	71.627	71.640	71.621
7.5256	71.639	71.604	71.626	71.608	71.663	71.610	71.625	71.606	71.641	71.633
8.0256	71.630	71.603	71.650	71.651	71.639	71.596	71.660	71.638	71.637	71.600
8.5256	71.666	71.614	71.654	71.617	71.663	71.644	71.632	71.610	71.666	71.621
9.0256	71.619	71.605	71.653	71.628	71.650	71.595	71.663	71.636	71.623	71.610
9.5256	71.670	71.637	71.633	71.600	71.653	71.630	71.622	71.605	71.668	71.649
10.0256	71.653	71.603	71.663	71.647	71.630	71.613	71.664	71.641	71.654	71.629
10.5256	71.667	71.665	71.647	71.633	71.660	71.640	71.665	71.643	71.670	71.668
11.0256	71.662	71.632	71.678	71.650	71.650	71.636	71.672	71.656	71.647	71.633
11.5256	71.661	71.656	71.646	71.626	71.670	71.671	71.659	71.634	71.672	71.658
12.0256	71.670	71.648	71.665	71.675	71.677	71.647	71.683	71.654	71.679	71.640
12.5256	71.671	71.650	71.650	71.626	71.666	71.661	71.658	71.637	71.667	71.670
13.0256	71.665	71.626	71.678	71.654	71.672	71.653	71.687	71.659	71.594	71.652
13.5256	71.673	71.649	71.675	71.655	71.686	71.701	71.676	71.653	71.680	71.684
14.0256	71.671	71.659	71.695	71.686	71.694	71.642	71.677	71.680	71.687	71.637
14.5256	71.693	71.670	71.677	71.663	71.692	71.670	71.683	71.654	71.683	71.685
15.0256	71.656	71.665	71.698	71.688	71.686	71.641	71.685	71.672	71.695	71.683
15.5256	71.701	71.686	71.695	71.684	71.676	71.680	71.691	71.676	71.685	71.669
16.0256	71.694	71.677	71.617	71.685	71.683	71.663	71.693	71.677	71.684	71.666
16.5256	71.694	71.699	71.695	71.664	71.693	71.686	71.685	71.687	71.700	71.691
17.0256	71.699	71.660	71.693	71.681	71.709	71.667	71.695	71.684	71.700	71.642
17.5256	71.679	71.676	71.694	71.669	71.705	71.689	71.690	71.670	71.694	71.658
18.0256	71.694	71.677	71.698	71.685	71.693	71.692	71.694	71.676	71.677	71.679
18.5256	71.692	71.695	71.690	71.684	71.698	71.697	71.690	71.659	71.705	71.705
19.0256	71.705	71.668	71.706	71.693	71.704	71.672	71.702	71.710	71.724	71.679
19.5256	71.712	71.690	71.706	71.698	71.684	71.681	71.686	71.697	71.697	71.692
20.0256	71.717	71.669	71.695	71.677	71.696	71.696	71.695	71.693	71.710	71.687
20.5256	71.693	71.701	71.703	71.682	71.688	71.691	71.707	71.690	71.712	71.706
21.0256	71.703	71.699	71.673	71.702	71.713	71.684	71.698	71.701	71.712	71.684
21.5256	71.697	71.679	71.707	71.680	71.622	71.714	71.718	71.694	71.704	71.707
22.0256	71.692	71.705	71.699	71.691	71.712	71.694	71.700	71.695	71.690	71.680
22.5256	71.700	71.703	71.695	71.695	71.696	71.690	71.710	71.683	71.687	71.700
23.0256	71.715	71.701	71.693	71.723	71.697	71.693	71.697	71.685	71.715	71.694
23.5256	71.693	71.696	71.722	71.675	71.689	71.698	71.699	71.671	71.698	71.693
24.0256	71.705	71.695	71.683	71.684	71.698	71.676	71.704	71.711	71.713	71.701
24.5256	71.676	71.654	71.747	71.685	71.705	71.703	71.706	71.710	71.694	71.710

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) ROD2 CM RECORD = 14

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0256	71.740	71.689	71.689	71.689	71.705	71.673	71.683	71.636	72.168	71.708
25.5256	71.703	71.693	71.697	71.711	71.704	71.699	71.727	71.709	71.704	71.658
26.0256	69.748	65.672	60.884	55.823	50.619	45.266	39.827	34.378	28.930	23.324
26.5256	17.893	12.160	6.634	1.053	-0.394	-0.112	-0.036	0.003	0.036	0.075
27.0256	0.121	0.155	0.201	0.252	0.291	0.245	0.304	0.316	0.315	0.300
27.5256	0.439	0.316	0.331	0.324	0.305	0.310	0.324	0.288	0.306	0.294
28.0256	0.331	0.300	0.284	0.315	0.303	0.290	0.295	0.307	0.298	0.311
28.5256	0.297	0.303	0.336	0.296	0.288	0.298	0.308	0.278	0.332	0.310
29.0256	0.323	0.307	0.315	0.288	0.350	0.292	0.305	0.294	0.321	0.308
29.5256	0.881	0.902	0.307	0.300	0.283	0.322	0.307	0.292	0.290	0.295
30.0256	0.326	0.300	0.324	0.284	0.330	0.313	0.293	0.310	0.327	0.280
30.5256	0.289	0.317	0.322	0.289	0.325	0.307	0.305	0.292	0.297	0.217
31.0256	0.310	0.298	0.290	0.294	0.302	0.313	0.287	0.298	0.310	0.309
31.5256	0.308	0.300	0.321	0.344	0.315	0.297	0.324	0.332	0.302	0.334
32.0256	0.340	0.324	0.302	0.312	0.311	0.302	0.307	0.285	0.326	0.330
32.5256	0.314	0.269	0.354	0.332	0.310	0.285	0.306	0.320	0.310	0.320
33.0256	0.339	0.303	0.288	0.303	0.320	0.335	0.326	0.309	0.271	0.309
33.5256	0.323	0.324	0.329	0.342	0.310	0.317	0.343	0.314	0.309	0.315
34.0256	0.319	0.323	0.315	0.307	0.357	0.327	0.311	0.310	0.336	0.321
34.5256	0.331	0.313	0.339	0.345	0.338	0.336	0.365	0.333	0.307	0.335
35.0256	0.348	0.343	0.337	0.327	0.366	0.354	0.339	0.285	0.351	0.332
35.5256	0.327	0.340	0.366	0.344	0.349	0.316	0.366	0.337	0.341	0.343
36.0256	0.360	0.355	0.334	0.344	0.359	0.317	0.335	0.333	0.359	0.357
36.5256	0.331	0.352	0.355	0.331	0.359	0.340	0.368	0.343	0.335	0.349
37.0256	0.349	0.361	0.318	0.314	0.370	0.335	0.329	0.339	0.371	0.368
37.5256	0.344	0.334	0.386	0.365	0.342	0.331	0.336	0.364	0.337	0.297
38.0256	0.376	0.350	0.320	0.341	0.377	0.352	0.340	0.318	0.293	0.356
38.5256	0.338	0.336	0.384	0.306	0.350	0.339	0.383	0.350	0.357	0.353
39.0256	0.353	0.347	0.341	0.340	0.377	0.331	0.333	0.342	0.355	0.341
39.5256	0.342	0.309	0.376	0.348	0.337	0.349	0.368	0.345	0.332	0.344
40.0256	0.344	0.344	0.344	0.344	0.344	0.344	0.344	0.344	0.344	0.344
40.5256	0.344	0.344	0.344	0.344	0.344	0.344	0.344	0.344	0.344	0.344
41.0256	0.344	0.344	0.344	0.344	0.344	0.344	0.344	0.344	0.344	0.344
41.5256	0.344	0.344	0.344	0.344	0.344	0.344	0.344	0.344	0.344	0.344
42.0256	0.344	0.344	0.344	0.344	0.344	0.344	0.344	0.344	0.344	0.344
42.5256	0.344	0.344	0.344	0.344	0.344	0.344	0.344	0.344	0.344	0.344
43.0256	0.344	0.344	0.344	0.344	0.344	0.344	0.344	0.344	0.344	0.344
43.5256	0.344	0.344	0.344	0.344	0.344	0.344	0.344	0.344	0.344	0.344
44.0256	0.344	0.344	0.344	0.344	0.344	0.344	0.344	0.344	0.344	0.344
44.5256	0.344	0.344	0.344	0.344	0.344	0.344	0.344	0.344	0.344	0.344
45.0256	0.344	0.344	0.344	0.344	0.344	0.344	0.344	0.344	0.344	0.344
45.5256	0.344	0.344	0.344	0.344	0.344	0.344	0.344	0.344	0.344	0.344
46.0256	0.344	0.344	0.344	0.344	0.344	0.344	0.344	0.344	0.344	0.344
46.5256	0.344	0.344	0.344	0.344	0.344	0.344	0.344	0.344	0.344	0.344
47.0256	0.344	0.344	0.344	0.344	0.344	0.344	0.344	0.344	0.344	0.344
47.5256	0.344	0.344	0.344	0.344	0.344	0.344	0.344	0.344	0.344	0.344
48.0256	0.344	0.344	0.344	0.344	0.344	0.344	0.344	0.344	0.344	0.344
48.5256	0.344	0.344	0.344	0.344	0.344	0.344	0.344	0.344	0.344	0.344
49.0256	0.344	0.344	0.344	0.344	0.344	0.344	0.344	0.344	0.344	0.344
49.5256	0.344	0.344	0.344	0.344	0.344	0.344	0.344	0.344	0.344	0.344

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) RSF NORM RECORD = 15

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0255	0.905	0.905	0.905	0.905	0.905	0.905	0.905	0.905	0.905	0.905
0.5255	0.905	0.918	0.950	0.962	0.966	0.968	0.968	0.968	0.969	0.969
1.0255	0.969	0.969	0.969	0.969	0.969	0.969	0.969	0.969	0.969	0.969
1.5255	0.969	0.969	0.969	0.969	0.969	0.969	0.969	0.969	0.969	0.969
2.0255	0.969	0.969	0.969	0.969	0.969	0.969	0.970	0.969	0.969	0.969
2.5255	0.969	0.969	0.969	0.969	0.970	0.969	0.969	0.970	0.970	0.970
3.0255	0.971	0.971	0.971	0.971	0.971	0.971	0.971	0.971	0.971	0.971
3.5255	0.971	0.971	0.971	0.971	0.971	0.971	0.971	0.971	0.971	0.971
4.0255	0.971	0.971	0.971	0.971	0.971	0.971	0.971	0.971	0.971	0.972
4.5255	0.972	0.972	0.972	0.972	0.972	0.970	0.961	0.958	0.958	0.958
5.0255	0.958	0.958	0.958	0.957	0.957	0.957	0.957	0.957	0.957	0.957
5.5255	0.957	0.957	0.956	0.957	0.957	0.957	0.957	0.957	0.957	0.957
6.0255	0.957	0.957	0.957	0.957	0.957	0.957	0.958	0.958	0.958	0.958
6.5255	0.958	0.958	0.958	0.958	0.959	0.959	0.959	0.959	0.959	0.959
7.0255	0.959	0.960	0.960	0.960	0.960	0.960	0.961	0.961	0.961	0.961
7.5255	0.961	0.961	0.961	0.962	0.962	0.962	0.962	0.963	0.963	0.963
8.0255	0.963	0.963	0.964	0.964	0.964	0.964	0.965	0.965	0.965	0.965
8.5255	0.966	0.966	0.966	0.966	0.966	0.966	0.967	0.967	0.967	0.967
9.0255	0.967	0.968	0.966	0.968	0.968	0.968	0.969	0.969	0.969	0.969
9.5255	0.970	0.970	0.970	0.970	0.970	0.970	0.971	0.971	0.971	0.971
10.0255	0.972	0.972	0.972	0.972	0.972	0.973	0.973	0.973	0.974	0.974
10.5255	0.974	0.974	0.975	0.975	0.975	0.975	0.976	0.976	0.976	0.977
11.0255	0.977	0.977	0.977	0.977	0.978	0.978	0.978	0.978	0.978	0.979
11.5255	0.979	0.979	0.979	0.980	0.980	0.980	0.980	0.981	0.981	0.981
12.0255	0.981	0.982	0.982	0.982	0.982	0.983	0.983	0.983	0.983	0.984
12.5255	0.984	0.984	0.985	0.985	0.985	0.985	0.985	0.986	0.986	0.986
13.0255	0.986	0.987	0.987	0.987	0.987	0.988	0.988	0.988	0.988	0.989
13.5255	0.989	0.989	0.989	0.990	0.990	0.990	0.990	0.991	0.991	0.991
14.0255	0.991	0.991	0.992	0.992	0.992	0.992	0.993	0.993	0.993	0.993
14.5255	0.994	0.994	0.994	0.994	0.995	0.995	0.995	0.995	0.996	0.996
15.0255	0.996	0.996	0.997	0.997	0.997	0.997	0.998	0.998	0.998	0.998
15.5255	0.999	0.999	0.999	0.999	1.000	1.000	1.000	1.000	1.001	1.001
16.0255	1.001	1.001	1.001	1.002	1.002	1.002	1.003	1.003	1.003	1.003
16.5255	1.004	1.004	1.004	1.004	1.005	1.005	1.005	1.005	1.006	1.006
17.0255	1.006	1.007	1.007	1.007	1.007	1.008	1.008	1.008	1.008	1.009
17.5255	1.009	1.009	1.010	1.010	1.010	1.010	1.011	1.011	1.011	1.011
18.0255	1.012	1.012	1.012	1.012	1.013	1.013	1.013	1.014	1.014	1.014
18.5255	1.014	1.015	1.015	1.015	1.016	1.016	1.016	1.016	1.017	1.017
19.0255	1.017	1.018	1.018	1.018	1.018	1.019	1.019	1.019	1.019	1.020
19.5255	1.020	1.020	1.020	1.021	1.021	1.021	1.021	1.022	1.022	1.022
20.0255	1.022	1.023	1.023	1.023	1.023	1.024	1.024	1.024	1.024	1.025
20.5255	1.025	1.025	1.026	1.026	1.026	1.026	1.027	1.027	1.027	1.028
21.0255	1.028	1.028	1.028	1.029	1.029	1.029	1.029	1.030	1.030	1.030
21.5255	1.030	1.031	1.031	1.031	1.031	1.032	1.032	1.032	1.033	1.033
22.0255	1.033	1.033	1.034	1.034	1.034	1.035	1.035	1.035	1.036	1.036
22.5255	1.036	1.036	1.037	1.037	1.038	1.038	1.038	1.038	1.039	1.039
23.0255	1.039	1.040	1.040	1.040	1.040	1.041	1.041	1.041	1.042	1.042
23.5255	1.042	1.043	1.043	1.043	1.043	1.044	1.044	1.044	1.044	1.044
24.0255	1.045	1.045	1.045	1.046	1.046	1.046	1.047	1.047	1.047	1.048
24.5255	1.048	1.048	1.049	1.049	1.049	1.050	1.050	1.050	1.051	1.051

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) RSF NORM RECORD = 16

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0255	1.051	1.051	1.052	1.052	1.052	1.053	1.053	1.053	1.055	1.054
25.5255	1.054	1.054	1.055	1.055	1.056	1.056	1.056	1.057	1.057	1.057
26.0255	1.028	0.974	0.920	0.882	0.875	0.869	0.862	0.856	0.849	0.843
26.5255	0.837	0.830	0.823	0.817	0.815	0.815	0.815	0.816	0.816	0.816
27.0255	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816
27.5255	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816
28.0255	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816
28.5255	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816
29.0255	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816
29.5255	0.818	0.818	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816
30.0255	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816
30.5255	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816
31.0255	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816
31.5255	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816
32.0255	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816
32.5255	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816
33.0255	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816
33.5255	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816
34.0255	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816
34.5255	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816
35.0255	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816
35.5255	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816
36.0255	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816
36.5255	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816
37.0255	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816
37.5255	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816
38.0255	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816
38.5255	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816
39.0255	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816
39.5255	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816
40.0255	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816
40.5255	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816
41.0255	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816
41.5255	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816
42.0255	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816
42.5255	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816
43.0255	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816
43.5255	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816
44.0255	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816
44.5255	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816
45.0255	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816
45.5255	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816
46.0255	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816
46.5255	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816
47.0255	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816
47.5255	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816
48.0255	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816
48.5255	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816
49.0255	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816
49.5255	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816	0.816

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) PRSF MW RECORD = 17

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0255	0.142	-0.012	-0.009	-0.039	-0.042	-0.016	-0.011	-0.020	-0.021	0.000
0.5255	-0.015	-0.027	-0.022	-0.023	-0.002	-0.026	-0.035	-0.015	-0.004	-0.017
1.0255	-0.035	-0.015	-0.003	-0.022	-0.023	-0.014	-0.017	-0.010	-0.019	-0.013
1.5255	-0.019	-0.013	-0.030	-0.015	-0.003	-0.005	-0.024	-0.002	0.000	-0.011
2.0255	-0.014	-0.004	0.002	-0.002	-0.006	-0.008	0.006	0.028	-0.005	0.016
2.5255	0.038	0.019	0.025	0.035	0.050	0.050	0.049	0.057	0.087	0.090
3.0255	0.093	0.131	0.162	0.186	0.193	0.248	0.259	0.330	0.370	0.441
3.5255	0.526	0.593	0.687	0.826	0.975	1.107	1.293	1.528	1.764	2.048
4.0255	2.384	2.721	3.214	3.729	4.316	5.023	5.830	6.741	7.793	9.039
4.5255	10.459	12.115	13.995	16.182	18.694	21.445	23.041	23.360	23.527	23.688
5.0255	23.907	24.139	24.342	24.469	24.554	24.628	24.655	24.639	24.605	24.606
5.5255	24.544	24.500	24.435	24.427	24.380	24.324	24.269	24.288	24.269	24.226
6.0255	24.202	24.193	24.172	24.153	24.136	24.136	24.116	24.117	24.089	24.091
6.5255	24.124	24.096	24.091	24.081	24.122	24.094	24.099	24.073	24.096	24.086
7.0255	24.061	24.089	24.127	24.096	24.069	24.114	24.122	24.093	24.090	24.151
7.5255	24.141	24.121	24.118	24.103	24.155	24.129	24.148	24.149	24.166	24.173
8.0255	24.177	24.159	24.194	24.206	24.204	24.226	24.238	24.232	24.221	24.250
8.5255	24.256	24.251	24.247	24.263	24.274	24.270	24.282	24.275	24.308	24.299
9.0255	24.307	24.310	24.332	24.319	24.317	24.365	24.112	24.356	24.348	24.362
9.5255	24.392	24.373	24.386	24.394	24.407	24.411	24.411	24.420	24.439	24.416
10.0255	24.427	24.434	24.500	24.474	24.479	24.491	24.504	24.486	24.492	24.521
10.5255	24.545	24.540	24.550	24.578	24.594	24.594	24.573	24.615	24.647	24.631
11.0255	24.618	24.644	24.669	24.654	24.662	24.673	24.701	24.698	24.712	24.704
11.5255	24.723	24.720	24.692	24.739	24.745	24.752	24.748	24.777	24.816	24.790
12.0255	24.810	24.798	24.852	24.809	24.844	24.869	24.883	24.867	24.872	24.879
12.5255	24.940	24.894	24.928	24.963	24.954	24.948	24.938	24.950	24.999	24.963
13.0255	24.977	25.003	25.031	25.032	25.028	25.035	25.057	25.043	25.047	25.078
13.5255	25.089	25.069	25.094	25.087	25.117	25.141	25.134	25.153	25.176	25.167
14.0255	25.150	25.193	25.189	25.190	25.190	25.223	25.242	25.206	25.224	25.267
14.5255	25.272	25.254	25.262	25.281	25.299	25.309	25.320	25.321	25.343	25.349
15.0255	25.331	25.346	25.391	25.381	25.376	25.398	25.432	25.422	25.416	25.456
15.5255	25.481	25.467	25.458	25.491	25.509	25.490	25.528	25.518	25.555	25.541
16.0255	25.512	25.561	25.575	25.590	25.582	25.603	25.622	25.615	25.612	25.623
16.5255	25.653	25.651	25.652	25.680	25.701	25.683	25.689	25.699	25.735	25.706
17.0255	25.700	25.754	25.747	25.789	25.777	25.789	25.829	25.807	25.793	25.813
17.5255	25.832	25.839	25.836	25.884	25.898	25.890	25.919	25.920	25.940	25.945
18.0255	25.912	25.948	25.967	25.945	25.951	25.985	26.013	25.951	25.984	26.024
18.5255	26.028	26.007	26.023	26.017	26.069	26.078	26.064	26.085	26.116	26.091
19.0255	26.087	26.137	26.172	26.152	26.140	26.183	26.196	26.185	26.170	26.212
19.5255	26.241	26.209	26.206	26.251	26.251	26.245	26.229	26.249	26.285	26.285
20.0255	26.296	26.311	26.338	26.304	26.310	26.358	26.355	26.359	26.364	26.365
20.5255	26.379	26.395	26.402	26.422	26.441	26.459	26.434	26.445	26.471	26.491
21.0255	26.481	26.502	26.529	26.513	26.508	26.500	26.552	26.533	26.535	26.545
21.5255	26.562	26.559	26.544	26.595	26.585	26.590	26.605	26.619	26.638	26.648
22.0255	26.613	26.664	26.670	26.664	26.645	26.691	26.692	26.668	26.678	26.730
22.5255	26.719	26.744	26.737	26.779	26.766	26.779	26.779	26.780	26.806	26.803
23.0255	26.794	26.824	26.837	26.825	26.833	26.860	26.876	26.876	26.847	26.905
23.5255	26.900	26.906	26.905	26.932	26.939	26.927	26.923	26.953	26.964	26.946
24.0255	26.973	26.983	27.021	26.994	26.981	27.044	27.037	27.046	27.022	27.083
24.5255	27.090	27.058	27.054	27.105	27.115	27.096	27.095	27.122	27.150	27.152

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) PRSF MW RECORD = 18

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0255	27.162	27.145	27.155	27.135	27.142	27.175	27.200	27.181	27.217	27.220
25.5255	27.247	27.226	27.217	27.242	27.265	27.243	27.229	27.285	27.309	27.235
26.0255	25.150	15.430	4.102	0.948	0.672	0.645	0.637	0.615	0.577	0.575
26.5255	0.577	0.543	0.525	0.499	0.511	0.499	0.484	0.490	0.485	0.464
27.0255	0.462	0.461	0.461	0.445	0.428	0.449	0.452	0.419	0.424	0.415
27.5255	0.423	0.412	0.401	0.398	0.397	0.388	0.377	0.383	0.390	0.377
28.0255	0.368	0.377	0.384	0.365	0.331	0.347	0.344	0.339	0.323	0.340
28.5255	0.350	0.332	0.323	0.332	0.327	0.308	0.299	0.318	0.324	0.303
29.0255	0.298	0.303	0.294	0.288	0.292	0.297	0.293	0.277	0.280	0.276
29.5255	0.293	0.272	0.273	0.272	0.277	0.267	0.260	0.271	0.265	0.264
30.0255	0.254	0.267	0.263	0.247	0.250	0.253	0.258	0.251	0.230	0.239
30.5255	0.239	0.243	0.230	0.246	0.250	0.223	0.226	0.229	0.236	0.214
31.0255	0.224	0.223	0.226	0.229	0.220	0.225	0.217	0.218	0.212	0.206
31.5255	0.230	0.203	0.211	0.214	0.214	0.210	0.200	0.206	0.218	0.196
32.0255	0.187	0.204	0.194	0.190	0.185	0.194	0.197	0.198	0.182	0.195
32.5255	0.192	0.192	0.186	0.177	0.199	0.188	0.165	0.177	0.192	0.183
33.0255	0.168	0.182	0.183	0.171	0.162	0.176	0.173	0.173	0.172	0.173
33.5255	0.176	0.162	0.158	0.175	0.178	0.163	0.153	0.177	0.167	0.155
34.0255	0.152	0.160	0.156	0.165	0.145	0.156	0.169	0.151	0.150	0.158
34.5255	0.148	0.148	0.148	0.147	0.150	0.159	0.141	0.131	0.153	0.146
35.0255	0.147	0.157	0.154	0.137	0.143	0.143	0.150	0.149	0.136	0.149
35.5255	0.146	0.139	0.138	0.144	0.138	0.138	0.128	0.138	0.140	0.149
36.0255	0.134	0.141	0.149	0.136	0.129	0.138	0.140	0.136	0.126	0.136
36.5255	0.141	0.130	0.124	0.124	0.141	0.125	0.120	0.125	0.122	0.121
37.0255	0.122	0.119	0.127	0.123	0.116	0.126	0.136	0.114	0.117	0.118
37.5255	0.125	0.115	0.106	0.136	0.114	0.117	0.112	0.115	0.120	0.112
38.0255	0.117	0.119	0.115	0.110	0.095	0.113	0.111	0.121	0.107	0.111
38.5255	0.128	0.112	0.106	0.108	0.114	0.108	0.085	0.098	0.107	0.108
39.0255	0.086	0.102	0.111	0.102	0.102	0.097	0.103	0.085	0.101	0.087
39.5255	0.097	0.087	0.091	0.097	0.102	0.103	0.075	0.084	0.091	0.091
40.0255	0.091	0.091	0.091	0.091	0.091	0.091	0.091	0.091	0.091	0.091
40.5255	0.091	0.091	0.091	0.091	0.091	0.091	0.091	0.091	0.091	0.091
41.0255	0.091	0.091	0.091	0.091	0.091	0.091	0.091	0.091	0.091	0.091
41.5255	0.091	0.091	0.091	0.091	0.091	0.091	0.091	0.091	0.091	0.091
42.0255	0.091	0.091	0.091	0.091	0.091	0.091	0.091	0.091	0.091	0.091
42.5255	0.091	0.091	0.091	0.091	0.091	0.091	0.091	0.091	0.091	0.091
43.0255	0.091	0.091	0.091	0.091	0.091	0.091	0.091	0.091	0.091	0.091
43.5255	0.091	0.091	0.091	0.091	0.091	0.091	0.091	0.091	0.091	0.091
44.0255	0.091	0.091	0.091	0.091	0.091	0.091	0.091	0.091	0.091	0.091
44.5255	0.091	0.091	0.091	0.091	0.091	0.091	0.091	0.091	0.091	0.091
45.0255	0.091	0.091	0.091	0.091	0.091	0.091	0.091	0.091	0.091	0.091
45.5255	0.091	0.091	0.091	0.091	0.091	0.091	0.091	0.091	0.091	0.091
46.0255	0.091	0.091	0.091	0.091	0.091	0.091	0.091	0.091	0.091	0.091
46.5255	0.091	0.091	0.091	0.091	0.091	0.091	0.091	0.091	0.091	0.091
47.0255	0.091	0.091	0.091	0.091	0.091	0.091	0.091	0.091	0.091	0.091
47.5255	0.091	0.091	0.091	0.091	0.091	0.091	0.091	0.091	0.091	0.091
48.0255	0.091	0.091	0.091	0.091	0.091	0.091	0.091	0.091	0.091	0.091
48.5255	0.091	0.091	0.091	0.091	0.091	0.091	0.091	0.091	0.091	0.091
49.0255	0.091	0.091	0.091	0.091	0.091	0.091	0.091	0.091	0.091	0.091
49.5255	0.091	0.091	0.091	0.091	0.091	0.091	0.091	0.091	0.091	0.091

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) ERSF MJ RECORD = 19

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0255	0.000	0.003	0.003	0.002	-0.001	-0.002	-0.003	-0.003	-0.004	-0.005
0.5255	-0.005	-0.006	-0.008	-0.009	-0.009	-0.010	-0.012	-0.013	-0.013	-0.014
1.0255	-0.015	-0.016	-0.017	-0.017	-0.019	-0.020	-0.020	-0.021	-0.022	-0.022
1.5255	-0.023	-0.024	-0.025	-0.026	-0.027	-0.027	-0.028	-0.028	-0.028	-0.029
2.0255	-0.029	-0.030	-0.030	-0.030	-0.030	-0.030	-0.030	-0.029	-0.029	-0.029
2.5255	-0.027	-0.026	-0.025	-0.023	-0.021	-0.019	-0.016	-0.014	-0.010	-0.006
3.0255	-0.001	0.005	0.012	0.021	0.030	0.041	0.054	0.069	0.086	0.106
3.5255	0.131	0.158	0.190	0.228	0.273	0.325	0.385	0.456	0.538	0.634
4.0255	0.744	0.872	1.020	1.194	1.395	1.628	1.900	2.214	2.577	2.998
4.5255	3.486	4.050	4.703	5.457	6.329	7.333	8.445	9.605	10.777	11.957
5.0255	13.147	14.348	15.560	16.781	18.006	19.236	20.468	21.700	22.931	24.162
5.5255	25.390	26.616	27.840	29.061	30.281	31.499	32.714	33.928	35.142	36.354
6.0255	37.565	38.775	39.984	41.192	42.399	43.606	44.812	46.018	47.223	48.428
6.5255	49.633	50.839	52.043	53.248	54.453	55.658	56.863	58.067	59.272	60.476
7.0255	61.680	62.884	64.089	65.295	66.499	67.703	68.909	70.114	71.319	72.525
7.5255	73.732	74.939	76.145	77.350	78.557	79.764	80.971	82.178	83.386	84.595
8.0255	85.803	87.012	88.221	89.431	90.641	91.852	93.063	94.275	95.486	96.698
8.5255	97.911	99.123	100.336	101.549	102.762	103.976	105.189	106.403	107.618	108.833
9.0255	110.048	111.264	112.480	113.696	114.912	116.129	117.341	118.553	119.770	120.988
9.5255	122.207	123.426	124.645	125.864	127.084	128.305	129.525	130.746	131.968	133.189
10.0255	134.410	135.632	136.855	138.079	139.303	140.527	141.752	142.977	144.201	145.427
10.5255	146.653	147.881	149.108	150.336	151.565	152.795	154.024	155.254	156.485	157.717
11.0255	158.949	160.180	161.413	162.646	163.879	165.112	166.347	167.582	168.817	170.052
11.5255	171.288	172.524	173.759	174.995	176.232	177.470	178.707	179.945	181.185	182.425
12.0255	183.665	184.905	186.147	187.388	188.630	189.872	191.116	192.360	193.604	194.847
12.5255	196.093	197.339	198.584	199.831	201.079	202.327	203.574	204.821	206.070	207.319
13.0255	208.568	209.817	211.068	212.320	213.571	214.823	216.075	217.327	218.580	219.833
13.5255	221.087	222.341	223.595	224.849	226.105	227.361	228.618	229.875	231.133	232.392
14.0255	233.650	234.908	236.168	237.427	238.687	239.947	241.209	242.470	243.731	244.993
14.5255	246.257	247.520	248.783	250.046	251.311	252.576	253.842	255.108	256.374	257.642
15.0255	258.909	260.175	261.444	262.713	263.982	265.251	266.522	267.794	269.064	270.336
15.5255	271.610	272.883	274.157	275.430	276.705	277.980	279.256	280.532	281.809	283.086
16.0255	284.362	285.639	286.918	288.197	289.476	290.756	292.036	293.317	294.598	295.879
16.5255	297.161	298.443	299.726	301.009	302.294	303.578	304.862	306.147	307.433	308.719
17.0255	310.004	311.291	312.578	313.866	315.156	316.445	317.735	319.026	320.316	321.606
17.5255	322.897	324.189	325.481	326.774	328.069	329.363	330.658	331.954	333.251	334.548
18.0255	335.845	337.141	338.439	339.737	341.034	342.332	343.632	344.932	346.230	347.530
18.5255	348.831	350.132	351.433	352.734	354.036	355.340	356.643	357.947	359.252	360.557
19.0255	361.862	363.167	364.475	365.783	367.091	368.399	369.708	371.018	372.326	373.636
19.5255	374.947	376.259	377.569	378.880	380.193	381.505	382.817	384.129	385.443	386.757
20.0255	388.071	389.386	390.703	392.019	393.334	394.651	395.969	397.286	398.604	399.923
20.5255	401.241	402.561	403.881	405.201	406.523	407.845	409.168	410.490	411.812	413.136
21.0255	414.461	415.785	417.111	418.437	419.763	421.088	422.414	423.741	425.068	426.395
21.5255	427.723	429.051	430.378	431.707	433.036	434.366	435.696	437.026	438.358	439.690
22.0255	441.021	442.353	443.687	445.020	446.353	447.686	449.021	450.355	451.688	453.024
22.5255	454.360	455.696	457.033	458.371	459.710	461.048	462.387	463.726	465.066	466.406
23.0255	467.746	469.087	470.428	471.770	473.111	474.453	475.797	477.141	478.484	479.828
23.5255	481.173	482.518	483.863	485.209	486.556	487.902	489.249	490.596	491.944	493.291
24.0255	494.639	495.988	497.338	498.689	500.038	501.389	502.741	504.093	505.444	506.797
24.5255	508.151	509.505	510.858	512.212	513.567	514.923	516.277	517.633	518.990	520.347

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) ERSF MJ RECORD = 20

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0255	521.029	522.387	523.744	525.101	526.458	527.816	529.176	530.535	531.895	533.256
25.5255	534.618	535.979	537.341	538.702	540.065	541.427	542.789	544.152	545.517	546.881
26.0255	548.190	549.205	549.693	549.819	549.860	549.893	549.925	549.956	549.986	550.014
26.5255	550.043	550.071	550.098	550.124	550.149	550.174	550.199	550.223	550.247	550.271
27.0255	550.294	550.317	550.340	550.363	550.385	550.407	550.429	550.451	550.472	550.493
27.5255	550.514	550.535	550.555	550.575	550.595	550.615	550.634	550.653	550.672	550.691
28.0255	550.710	550.729	550.748	550.766	550.784	550.801	550.818	550.835	550.852	550.868
28.5255	550.885	550.903	550.919	550.935	550.952	550.968	550.983	550.998	551.014	551.030
29.0255	551.045	551.060	551.075	551.089	551.104	551.119	551.133	551.148	551.162	551.175
29.5255	551.190	551.204	551.217	551.231	551.245	551.258	551.272	551.285	551.298	551.311
30.0255	551.324	551.337	551.351	551.363	551.376	551.388	551.401	551.414	551.426	551.438
30.5255	551.449	551.461	551.473	551.485	551.498	551.509	551.521	551.532	551.544	551.555
31.0255	551.566	551.577	551.588	551.600	551.611	551.622	551.633	551.644	551.655	551.665
31.5255	551.676	551.687	551.697	551.708	551.719	551.729	551.739	551.750	551.760	551.771
32.0255	551.780	551.790	551.800	551.809	551.819	551.828	551.838	551.848	551.857	551.867
32.5255	551.876	551.886	551.896	551.905	551.914	551.924	551.932	551.941	551.950	551.960
33.0255	551.968	551.977	551.986	551.995	552.003	552.012	552.021	552.029	552.038	552.047
33.5255	552.055	552.064	552.072	552.080	552.089	552.097	552.105	552.113	552.122	552.130
34.0255	552.138	552.14[illegible]	552.154	552.162	552.169	552.177	552.185	552.193	552.201	552.208
34.5255	552.216	552.22[illegible]	552.231	552.238	552.245	552.253	552.261	552.267	552.275	552.282
35.0255	552.289	552.297	552.305	552.312	552.319	552.326	552.333	552.341	552.348	552.355
35.5255	552.363	552.370	552.377	552.384	552.391	552.398	552.404	552.411	552.418	552.425
36.0255	552.432	552.439	552.446	552.453	552.460	552.467	552.474	552.481	552.487	552.494
36.5255	552.501	552.507	552.514	552.520	552.527	552.533	552.539	552.546	552.552	552.558
37.0255	552.564	552.570	552.576	552.582	552.588	552.594	552.601	552.607	552.613	552.619
37.5255	552.625	552.631	552.636	552.642	552.648	552.654	552.660	552.666	552.672	552.677
38.0255	552.683	552.689	552.695	552.700	552.706	552.711	552.716	552.722	552.728	552.733
38.5255	552.739	552.745	552.751	552.756	552.762	552.767	552.772	552.776	552.782	552.787
39.0255	552.792	552.797	552.802	552.807	552.812	552.817	552.822	552.827	552.832	552.836
39.5255	552.841	552.846	552.850	552.855	552.860	552.865	552.869	552.873	552.878	552.882
40.0255	552.887	552.891	552.896	552.900	552.905	552.910	552.914	552.919	552.923	552.928
40.5255	552.932	552.937	552.942	552.946	552.951	552.955	552.960	552.965	552.969	552.974
41.0255	552.978	552.983	552.987	552.992	552.997	553.001	553.006	553.010	553.015	553.019
41.5255	553.024	553.029	553.033	553.038	553.042	553.047	553.052	553.056	553.061	553.065
42.0255	553.070	553.074	553.079	553.084	553.088	553.093	553.097	553.102	553.106	553.111
42.5255	553.116	553.120	553.125	553.129	553.134	553.138	553.143	553.148	553.152	553.157
43.0255	553.161	553.166	553.171	553.175	553.180	553.184	553.189	553.193	553.198	553.203
43.5255	553.207	553.212	553.216	553.221	553.225	553.230	553.235	553.239	553.244	553.248
44.0255	553.253	553.258	553.262	553.267	553.271	553.276	553.280	553.285	553.290	553.294
44.5255	553.299	553.303	553.308	553.312	553.317	553.322	553.326	553.331	553.335	553.340
45.0255	553.344	553.349	553.354	553.358	553.363	553.367	553.372	553.377	553.381	553.386
45.5255	553.390	553.395	553.399	553.404	553.409	553.413	553.418	553.422	553.427	553.431
46.0255	553.436	553.441	553.445	553.450	553.454	553.459	553.464	553.468	553.473	553.477
46.5255	553.482	553.486	553.491	553.496	553.500	553.505	553.509	553.514	553.518	553.523
47.0255	553.528	553.532	553.537	553.541	553.546	553.550	553.555	553.560	553.564	553.569
47.5255	553.573	553.578	553.583	553.587	553.592	553.596	553.601	553.605	553.610	553.615
48.0255	553.619	553.624	553.628	553.633	553.637	553.642	553.647	553.651	553.656	553.660
48.5255	553.665	553.669	553.674	553.679	553.683	553.688	553.692	553.697	553.702	553.706
49.0255	553.711	553.715	553.720	553.724	553.729	553.734	553.738	553.743	553.747	553.752
49.5255	553.756	553.761	553.766	553.770	553.775	553.779	553.784	553.789	553.793	553.798

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) FM1L CC/S RECORD = 21

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	195.004	195.275	195.167	195.068	195.081	195.393	195.514	194.855	195.365	195.235
0.5250	194.761	195.280	194.995	195.262	195.189	195.361	194.959	194.995	195.077	195.740
1.0250	195.185	195.221	195.072	195.794	195.253	195.654	195.514	195.474	195.280	195.126
1.5250	195.189	195.469	195.149	195.433	195.040	195.000	195.072	195.641	195.311	195.275
2.0250	195.374	195.402	195.018	195.235	195.772	195.338	195.370	195.438	194.991	195.203
2.5250	195.198	195.266	195.171	195.298	195.442	195.438	195.532	195.492	195.140	195.393
3.0250	195.031	194.950	194.977	195.402	195.492	195.505	195.063	195.451	195.397	194.824
3.5250	194.869	195.596	195.311	195.930	195.370	195.063	195.203	195.022	195.149	195.221
4.0250	195.257	195.311	195.329	195.207	195.420	195.492	195.185	195.406	195.709	195.469
4.5250	195.433	195.280	195.374	195.117	195.523	195.280	195.257	195.700	195.907	195.135
5.0250	195.442	195.740	195.885	196.115	195.975	195.979	196.101	196.205	195.835	195.713
5.5250	195.930	195.867	195.681	196.020	195.812	196.223	196.137	195.627	196.063	196.390
6.0250	196.273	196.164	196.458	196.435	196.286	196.038	195.835	196.268	196.088	196.544
6.5250	196.426	196.688	196.187	195.812	196.160	195.912	196.264	196.350	196.598	196.544
7.0250	196.304	196.264	196.413	196.070	196.146	196.327	196.137	196.137	196.480	196.169
7.5250	196.657	196.616	196.535	195.894	196.056	196.399	196.336	196.106	196.092	196.435
8.0250	196.557	196.061	196.304	196.322	196.061	196.399	196.119	196.273	196.160	195.975
8.5250	195.474	196.214	196.318	196.620	195.961	196.169	196.372	195.835	195.645	196.024
9.0250	196.173	195.858	196.192	195.835	195.876	196.273	195.952	195.790	195.939	195.727
9.5250	195.469	195.171	195.370	195.600	195.885	195.731	196.128	196.304	195.876	195.975
10.0250	195.876	195.826	195.812	195.365	195.821	195.939	195.754	195.528	195.690	196.070
10.5250	195.794	195.605	195.609	195.596	195.885	196.128	195.740	196.214	195.830	195.505
11.0250	195.772	195.397	195.596	195.889	195.663	195.812	195.894	195.794	195.785	195.690
11.5250	195.641	195.514	195.934	195.587	195.523	195.483	195.663	195.496	195.235	195.329
12.0250	195.758	195.239	195.514	194.887	195.384	195.397	195.374	195.460	195.289	195.334
12.5250	195.352	195.578	195.411	195.686	195.284	195.185	195.397	195.456	195.384	195.221
13.0250	195.555	195.275	195.180	195.311	195.189	195.180	195.627	195.469	195.374	195.582
13.5250	195.492	195.876	195.848	195.623	195.496	195.244	195.483	195.126	195.686	195.645
14.0250	195.239	195.293	195.329	195.275	195.338	194.743	195.131	194.603	194.919	194.837
14.5250	194.946	195.311	195.519	195.325	195.284	195.230	195.442	194.950	194.819	195.230
15.0250	195.429	195.307	195.068	195.113	195.207	195.158	194.761	194.946	195.058	194.815
15.5250	194.896	195.081	195.108	194.589	194.846	194.675	194.824	195.275	194.801	195.095
16.0250	195.009	194.950	195.095	195.036	195.149	194.905	194.761	194.896	194.869	194.743
16.5250	195.158	194.648	194.666	195.004	195.131	194.824	194.684	195.018	194.964	194.318
17.0250	194.395	194.557	194.616	194.553	194.747	194.589	194.639	194.706	194.269	195.099
17.5250	194.797	194.566	194.648	194.512	194.363	194.557	194.684	194.783	194.544	194.467
18.0250	194.463	193.799	194.449	194.539	194.503	194.490	193.953	194.196	194.192	194.147
18.5250	194.323	194.305	194.336	193.700	193.600	194.025	194.106	193.618	193.659	193.840
19.0250	194.016	193.817	194.088	193.971	193.989	193.840	193.700	193.939	194.034	193.749
19.5250	193.722	193.483	193.813	193.393	193.501	193.628	193.835	193.772	193.492	193.573
20.0250	193.727	193.050	193.731	193.456	193.655	193.763	193.221	193.199	193.239	193.424
20.5250	193.316	193.262	193.456	193.375	193.072	193.461	193.131	192.896	193.032	193.303
21.0250	193.253	193.036	193.321	193.420	193.009	193.650	193.149	193.014	193.307	193.090
21.5250	193.131	193.005	192.991	192.937	193.099	192.761	192.955	192.860	192.648	192.856
22.0250	192.824	192.987	193.271	193.194	193.154	192.838	193.113	192.720	192.725	192.653
22.5250	192.860	192.540	192.255	192.639	192.928	192.792	192.386	192.720	192.558	192.657
23.0250	192.801	192.589	192.580	192.716	192.792	192.815	192.409	192.224	192.675	192.242
23.5250	192.282	192.594	192.156	191.948	191.817	192.039	191.881	192.007	192.088	192.440
24.0250	191.795	191.831	191.885	191.944	191.678	192.039	191.971	191.687	191.655	191.799
24.5250	191.795	191.596	191.971	191.605	191.479	191.407	191.732	191.754	191.398	191.605

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) FM1L CC/S RECORD = 22

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0250	191.601	191.632	191.366	191.231	191.109	191.240	191.348	191.605	191.623	191.641
25.5250	191.461	191.145	191.307	190.978	191.208	191.050	191.037	190.793	190.680	190.928
26.0250	190.761	191.046	190.937	190.770	190.707	190.549	190.748	190.256	190.378	189.944
26.5250	189.985	189.962	189.691	139.588	189.854	189.732	189.913	189.538	189.443	189.163
27.0250	189.348	189.547	189.375	189.642	189.087	188.956	189.335	189.168	189.249	189.524
27.5250	189.127	189.141	189.263	189.335	189.050	189.005	189.028	189.272	188.843	188.838
28.0250	188.883	189.046	189.348	188.617	188.865	189.050	188.956	188.649	188.558	188.513
28.5250	188.297	188.558	188.698	188.432	188.206	188.464	188.594	188.405	188.251	188.400
29.0250	188.378	188.315	188.418	188.455	188.527	188.484	188.527	188.455	188.130	187.999
29.5250	187.994	188.021	188.215	187.935	187.999	187.656	187.755	187.633	187.868	187.981
30.0250	187.737	187.994	188.093	188.265	187.985	187.999	188.026	187.660	187.552	187.556
30.5250	187.340	187.471	188.026	187.926	187.692	187.556	187.809	187.642	187.552	187.683
31.0250	187.466	187.272	187.737	187.759	187.502	187.398	187.592	187.389	187.231	187.299
31.5250	187.331	187.714	187.466	187.367	187.416	187.213	187.692	187.484	187.462	187.164
32.0250	187.195	187.331	187.466	187.570	187.100	186.721	187.082	186.766	187.285	187.480
32.5250	187.236	187.114	187.100	186.915	186.884	186.978	186.712	187.200	186.879	186.811
33.0250	186.662	186.125	186.360	186.613	186.568	186.414	187.064	187.096	186.301	186.604
33.5250	186.920	186.622	186.884	186.541	187.137	186.518	186.712	186.550	186.789	186.392
34.0250	186.608	186.346	186.310	186.432	186.098	185.922	186.225	186.423	186.351	186.649
34.5250	186.473	186.324	186.423	186.279	186.243	186.197	186.044	186.148	185.773	185.936
35.0250	185.624	185.864	185.877	185.873	185.922	186.175	186.220	186.297	185.841	185.958
35.5250	185.945	185.769	186.053	185.809	186.076	186.157	186.058	185.841	185.597	185.570
36.0250	185.855	185.624	185.408	184.974	185.687	185.936	185.593	185.426	186.031	186.053
36.5250	185.796	185.949	186.076	185.832	185.909	185.615	185.864	185.891	185.642	185.918
37.0250	185.746	185.981	186.139	186.003	185.927	186.017	185.832	185.579	186.026	185.859
37.5250	185.620	185.827	185.836	185.579	185.990	185.669	185.755	185.976	185.380	185.769
38.0250	185.737	186.049	185.891	185.733	185.597	185.715	185.480	185.620	185.832	185.543
38.5250	185.155	185.439	185.642	185.525	185.651	185.692	185.119	185.629	185.800	185.602
39.0250	185.520	185.385	185.520	185.624	185.805	185.633	185.141	185.502	185.904	185.651
39.5250	185.435	185.696	185.701	185.976	185.742	185.642	185.656	185.548	185.534	185.656
40.0250	185.656	185.656	185.656	185.656	185.656	185.656	185.656	185.656	185.656	185.656
40.5250	185.656	185.656	185.656	185.656	185.656	185.656	185.656	185.656	185.656	185.656
41.0250	185.656	185.656	185.656	185.656	185.656	185.656	185.656	185.656	185.656	185.656
41.5250	185.656	185.656	185.656	185.656	185.656	185.656	185.656	185.656	185.656	185.656
42.0250	185.656	185.656	185.656	185.656	185.656	185.656	185.656	185.656	185.656	185.656
42.5250	185.656	185.656	185.656	185.656	185.656	185.656	185.656	185.656	185.656	185.656
43.0250	185.656	185.656	185.656	185.656	185.656	185.656	185.656	185.656	185.656	185.656
43.5250	185.656	185.656	185.656	185.656	185.656	185.656	185.656	185.656	185.656	185.656
44.0250	185.656	185.656	185.656	185.656	185.656	185.656	185.656	185.656	185.656	185.656
44.5250	185.656	185.656	185.656	185.656	185.656	185.656	185.656	185.656	185.656	185.656
45.0250	185.656	185.656	185.656	185.656	185.656	185.656	185.656	185.656	185.656	185.656
45.5250	185.656	185.656	185.656	185.656	185.656	185.656	185.656	185.656	185.656	185.656
46.0250	185.656	185.656	185.656	185.656	185.656	185.656	185.656	185.656	185.656	185.656
46.5250	185.656	185.656	185.656	185.656	185.656	185.656	185.656	185.656	185.656	185.656
47.0250	185.656	185.656	185.656	185.656	185.656	185.656	185.656	185.656	185.656	185.656
47.5250	185.656	185.656	185.656	185.656	185.656	185.656	185.656	185.656	185.656	185.656
48.0250	185.656	185.656	185.656	185.656	185.656	185.656	185.656	185.656	185.656	185.656
48.5250	185.656	185.656	185.656	185.656	185.656	185.656	185.656	185.656	185.656	185.656
49.0250	185.656	185.656	185.656	185.656	185.656	185.656	185.656	185.656	185.656	185.656
49.5250	185.656	185.656	185.656	185.656	185.656	185.656	185.656	185.656	185.656	185.656

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) FM2L CC/S RECORD = 23

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	194.613	193.906	194.145	194.085	195.450	195.749	196.048	195.709	196.217	195.032
0.5250	194.155	192.471	192.133	191.376	192.252	195.022	194.354	194.593	194.314	195.081
1.0250	194.235	194.384	194.912	193.736	194.185	195.071	195.191	195.858	195.101	197.333
1.5250	196.277	195.530	193.677	193.896	194.653	195.898	195.848	194.284	193.946	194.553
2.0250	194.175	194.314	193.448	192.850	194.075	194.673	195.958	194.783	195.789	196.416
2.5250	195.719	195.570	195.450	195.101	195.012	194.015	193.896	194.135	194.165	193.448
3.0250	193.567	194.424	194.374	194.484	193.836	193.936	193.149	195.540	194.374	195.201
3.5250	194.862	194.613	193.308	193.727	193.388	193.697	194.982	195.809	194.025	195.350
4.0250	195.440	195.480	194.872	196.197	195.410	195.121	194.444	194.603	194.235	194.105
4.5250	193.597	194.444	195.739	195.878	195.948	194.942	194.593	193.746	196.705	197.283
5.0250	196.227	195.599	194.573	195.301	197.323	196.695	195.350	196.127	195.360	196.665
5.5250	197.044	196.755	195.729	194.663	196.466	200.859	203.848	209.227	209.905	205.502
6.0250	201.298	202.971	205.571	203.121	202.234	201.846	198.269	194.474	194.693	195.958
6.5250	200.590	200.192	206.299	203.499	200.013	197.682	193.747	193.059	195.121	199.564
7.0250	205.601	206.807	210.493	209.965	209.726	214.497	215.334	215.135	215.553	212.037
7.5250	208.550	208.540	212.624	216.629	214.009	212.047	209.895	207.873	205.920	207.902
8.0250	209.188	211.927	213.013	215.932	217.914	220.355	220.345	219.419	217.576	217.466
8.5250	214.159	212.585	212.864	215.563	218.193	218.881	217.347	213.760	215.683	213.073
9.0250	213.043	215.912	219.438	221.521	225.127	227.129	224.051	222.019	222.606	221.082
9.5250	219.707	220.016	225.216	227.318	226.611	226.651	226.462	226.621	227.807	224.708
10.0250	221.501	219.767	218.452	221.899	224.180	227.846	229.480	226.840	224.858	223.941
10.5250	221.301	219.996	221.252	223.842	226.302	224.220	220.833	221.092	222.517	224.499
11.0250	226.850	226.900	225.964	226.163	223.314	223.792	222.228	223.144	223.862	225.605
11.5250	227.209	227.299	225.585	226.322	224.350	225.137	226.243	226.123	225.316	226.073
12.0250	228.633	227.259	227.946	228.793	230.576	229.789	228.793	228.414	229.729	230.148
12.5250	231.941	231.224	230.118	231.092	231.004	231.453	234.730	233.634	230.546	230.267
13.0250	229.938	231.542	232.120	231.293	230.048	229.958	229.899	227.797	229.301	232.439
13.5250	233.575	234.083	231.114	228.185	225.954	226.003	226.502	228.554	228.863	232.080
14.0250	232.897	232.708	232.947	228.743	230.476	230.646	232.379	232.060	231.483	230.128
14.5250	228.992	227.059	227.737	225.874	226.272	227.986	229.660	229.988	230.217	231.871
15.0250	230.606	232.549	232.329	230.965	229.191	229.022	229.381	228.444	226.990	225.774
15.5250	224.609	228.544	229.919	230.118	229.829	230.327	228.902	230.168	228.982	231.014
16.0250	232.409	228.574	225.984	227.378	229.590	229.869	227.179	227.657	228.384	229.042
16.5250	226.561	226.033	227.279	227.000	229.540	230.716	230.855	230.068	229.928	228.883
17.0250	228.912	228.085	226.751	224.987	226.312	227.289	226.910	227.508	226.292	228.175
17.5250	229.062	228.085	229.112	231.234	230.616	230.666	229.600	228.574	227.697	227.846
18.0250	226.980	227.179	227.687	228.474	230.138	231.781	233.624	234.581	230.447	227.358
18.5250	225.465	226.153	226.721	227.946	227.677	228.873	228.215	227.129	228.424	228.584
19.0250	227.059	227.059	229.311	229.510	229.490	229.719	229.022	229.341	229.381	230.128
19.5250	230.895	228.464	225.605	226.551	229.440	229.430	228.434	226.800	226.940	228.414
20.0250	230.018	229.430	231.443	232.708	231.971	229.391	227.518	228.016	226.990	227.199
20.5250	228.773	227.916	227.767	228.544	229.201	229.371	229.859	230.277	230.237	230.865
21.0250	230.696	231.144	231.383	230.546	230.108	229.859	227.269	227.827	228.594	227.617
21.5250	228.713	226.402	228.962	228.863	227.916	229.341	229.440	228.125	228.245	228.713
22.0250	225.446	225.376	227.548	226.691	225.196	225.974	228.962	228.873	227.667	226.173
22.5250	227.478	225.685	225.944	227.458	229.570	229.361	228.982	228.016	229.450	229.879
23.0250	228.843	230.536	233.345	233.335	231.353	231.333	231.901	229.719	230.038	232.529
23.5250	229.789	228.205	229.112	229.640	230.307	231.961	231.542	230.576	231.971	233.216
24.0250	231.981	230.775	230.905	231.632	231.552	231.343	232.280	231.702	232.160	230.207
24.5250	230.974	232.568	233.654	233.136	231.981	230.357	232.260	234.003	230.825	227.478

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) FM2L CC/S RECORD = 24

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0250	228.295	229.291	230.915	229.102	227.757	228.853	228.962	230.656	230.536	230.287
25.5250	230.955	229.669	228.693	229.849	230.357	230.367	230.945	231.592	230.377	231.622
26.0250	229.570	227.627	227.797	228.514	230.656	230.357	230.347	229.012	230.795	231.602
26.5250	230.755	230.197	229.381	227.906	229.102	228.305	228.384	228.623	228.056	228.175
27.0250	227.747	227.338	226.890	226.272	226.422	228.374	229.221	229.510	229.002	229.859
27.5250	231.652	231.343	232.718	233.555	229.211	226.561	223.383	219.857	216.858	214.607
28.0250	215.404	219.219	220.484	222.576	223.174	222.367	220.285	219.239	220.644	223.224
28.5250	221.780	220.176	219.668	218.004	217.566	218.552	216.878	214.926	213.202	211.788
29.0250	213.740	215.972	211.798	206.328	203.649	204.575	204.555	204.266	201.676	202.274
29.5250	203.938	204.515	204.456	205.910	205.073	204.745	202.065	201.308	201.507	202.951
30.0250	199.305	197.931	199.335	200.909	199.913	197.622	196.914	195.570	197.681	198.150
30.5250	198.478	198.528	198.289	198.538	197.841	197.233	196.596	195.679	197.383	198.309
31.0250	196.177	195.510	195.211	195.589	196.685	195.580	195.809	194.324	194.235	193.846
31.5250	194.135	193.786	194.902	192.531	191.306	190.937	190.858	190.867	191.585	192.661
32.0250	192.710	193.328	191.296	191.764	191.405	191.645	190.339	190.339	189.951	189.513
32.5250	189.194	189.264	189.493	191.336	191.664	190.310	188.895	188.676	187.371	187.301
33.0250	187.929	188.267	188.616	188.367	188.726	186.654	186.942	187.172	188.905	188.955
33.5250	189.413	187.998	187.610	187.789	186.554	187.172	187.530	188.218	188.337	188.497
34.0250	188.815	188.148	188.088	187.829	187.460	186.056	186.733	186.803	187.331	187.022
34.5250	186.843	186.474	186.514	186.534	186.793	185.468	185.498	186.295	185.827	186.753
35.0250	186.524	186.952	187.311	187.331	187.700	188.437	187.899	187.829	186.195	186.215
35.5250	185.100	186.225	185.946	186.106	186.305	186.833	186.673	185.179	185.358	186.295
36.0250	185.647	185.797	185.886	187.052	187.470	186.972	186.863	185.787	185.558	185.876
36.5250	185.926	185.508	185.857	186.235	187.082	186.923	187.441	187.610	187.700	187.112
37.0250	186.494	185.996	185.807	186.315	185.707	185.637	187.371	187.879	187.032	187.142
37.5250	187.002	188.078	188.417	186.952	187.221	187.460	187.929	187.231	185.667	186.036
38.0250	187.670	187.769	188.048	187.759	186.644	187.261	186.873	185.199	185.727	186.255
38.5250	187.620	187.102	188.068	188.128	189.303	187.849	187.072	188.088	188.606	188.028
39.0250	188.746	188.506	188.018	187.251	187.590	188.267	186.604	186.962	186.733	187.072
39.5250	188.178	188.805	187.729	189.363	188.875	189.154	188.716	188.885	188.218	189.373
40.0250	189.373	189.373	189.373	189.373	189.373	189.373	189.373	189.373	189.373	189.373
40.5250	189.373	189.373	189.373	189.373	189.373	189.373	189.373	189.373	189.373	189.373
41.0250	189.373	189.373	189.373	189.373	189.373	189.373	189.373	189.373	189.373	189.373
41.5250	189.373	189.373	189.373	189.373	189.373	189.373	189.373	189.373	189.373	189.373
42.0250	189.373	189.373	189.373	189.373	189.373	189.373	189.373	189.373	189.373	189.373
42.5250	189.373	189.373	189.373	189.373	189.373	189.373	189.373	189.373	189.373	189.373
43.0250	189.373	189.373	189.373	189.373	189.373	189.373	189.373	189.373	189.373	189.373
43.5250	189.373	189.373	189.373	189.373	189.373	189.373	189.373	189.373	189.373	189.373
44.0250	189.373	189.373	189.373	189.373	189.373	189.373	189.373	189.373	189.373	189.373
44.5250	189.373	189.373	189.373	189.373	189.373	189.373	189.373	189.373	189.373	189.373
45.0250	189.373	189.373	189.373	189.373	189.373	189.373	189.373	189.373	189.373	189.373
45.5250	189.373	189.373	189.373	189.373	189.373	189.373	189.373	189.373	189.373	189.373
46.0250	189.373	189.373	189.373	189.373	189.373	189.373	189.373	189.373	189.373	189.373
46.5250	189.373	189.373	189.373	189.373	189.373	189.373	189.373	189.373	189.373	189.373
47.0250	189.373	189.373	189.373	189.373	189.373	189.373	189.373	189.373	189.373	189.373
47.5250	189.373	189.373	189.373	189.373	189.373	189.373	189.373	189.373	189.373	189.373
48.0250	189.373	189.373	189.373	189.373	189.373	189.373	189.373	189.373	189.373	189.373
48.5250	189.373	189.373	189.373	189.373	189.373	189.373	189.373	189.373	189.373	189.373
49.0250	189.373	189.373	189.373	189.373	189.373	189.373	189.373	189.373	189.373	189.373
49.5250	189.373	189.373	189.373	189.373	189.373	189.373	189.373	189.373	189.373	189.373

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) FM3L CC/S RECORD = 25

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	191.633	191.175	191.162	191.641	191.723	191.654	191.907	192.121	191.894	191.817
0.5250	191.226	191.085	191.569	191.487	191.213	191.299	191.466	192.223	191.714	191.731
1.0250	191.008	191.607	191.440	191.307	191.855	191.997	192.403	191.492	191.804	191.778
1.5250	191.650	191.868	191.718	191.667	191.787	192.112	191.988	191.718	191.765	191.547
2.0250	191.907	191.530	192.044	191.603	191.239	191.560	191.890	191.907	192.472	191.885
2.5250	191.594	191.483	191.427	191.663	191.902	191.855	191.705	191.710	191.740	191.851
3.0250	192.215	191.774	191.444	191.744	191.449	191.051	191.046	191.569	192.039	191.851
3.5250	191.727	191.748	191.581	191.603	191.842	191.607	191.273	191.641	191.260	191.479
4.0250	191.196	191.200	191.025	190.892	192.138	192.497	191.855	191.543	191.697	191.440
4.5250	191.248	191.419	191.654	191.633	192.318	191.962	191.504	191.971	192.258	191.453
5.0250	191.680	192.176	192.489	192.382	192.185	192.086	191.962	191.821	192.437	192.532
5.5250	192.621	192.698	193.062	192.275	192.001	192.377	192.142	192.202	192.347	192.121
6.0250	192.365	192.313	191.997	191.958	191.740	191.530	191.616	191.205	191.680	191.136
6.5250	191.303	191.055	190.601	190.499	190.965	191.744	191.106	190.986	190.854	191.384
7.0250	192.292	192.600	192.767	192.583	192.497	192.823	192.065	192.048	193.687	195.074
7.5250	194.380	194.132	193.315	193.195	193.037	193.007	192.133	192.955	193.914	195.202
8.0250	194.903	194.154	193.465	193.126	192.198	192.116	191.701	193.370	195.040	195.266
8.5250	195.151	195.206	193.875	192.930	194.342	195.570	195.429	195.754	194.740	193.430
9.0250	193.285	192.279	193.721	195.249	195.061	195.266	195.844	194.954	193.302	191.303
9.5250	190.434	189.621	190.293	190.546	192.039	193.058	192.797	192.917	191.997	191.059
10.0250	191.607	191.915	190.978	190.259	189.886	189.681	189.206	190.905	191.162	191.256
10.5250	191.115	189.750	189.446	190.708	192.844	193.666	193.208	193.995	192.420	191.577
11.0250	191.038	192.288	192.163	192.613	192.767	191.967	193.263	192.917	191.920	190.884
11.5250	191.179	191.851	191.119	190.293	190.182	189.698	189.946	190.991	193.015	192.724
12.0250	192.835	192.698	192.643	192.262	193.203	193.687	193.786	194.107	194.072	193.306
12.5250	192.968	191.731	190.824	190.614	190.961	192.232	193.229	193.631	192.540	192.643
13.0250	192.014	190.447	189.981	190.165	191.256	190.948	192.146	192.266	191.997	191.894
13.5250	192.767	192.964	193.225	192.232	190.811	190.439	190.477	190.225	189.792	189.394
14.0250	189.013	189.728	190.130	190.006	191.521	192.138	191.290	191.072	191.462	192.168
14.5250	191.624	191.539	192.942	193.593	193.422	193.721	192.497	192.065	192.656	193.152
15.0250	191.543	191.847	191.821	191.196	190.190	190.717	190.961	191.611	191.521	192.510
15.5250	192.480	192.561	192.583	192.467	192.703	192.900	192.960	191.937	192.472	193.554
16.0250	192.814	191.864	191.200	191.192	191.158	190.601	189.985	189.459	190.229	189.916
16.5250	189.416	190.011	191.192	192.870	192.823	191.560	191.295	190.867	190.939	190.777
17.0250	190.451	189.976	190.858	190.546	191.141	191.068	191.423	191.076	191.513	192.108
17.5250	192.549	191.765	190.524	190.451	190.469	191.376	190.503	190.126	189.544	189.818
18.0250	189.985	190.670	191.423	192.326	191.975	191.397	190.053	190.203	189.424	190.370
18.5250	190.314	189.493	189.488	190.267	189.424	189.788	190.747	189.801	189.129	189.043
19.0250	189.488	189.617	189.377	188.966	188.508	188.393	188.157	188.063	189.364	189.544
19.5250	188.898	189.737	190.952	191.316	191.145	190.439	189.262	190.190	191.299	191.440
20.0250	191.325	191.440	191.483	191.132	190.807	191.868	191.855	190.665	190.019	189.809
20.5250	190.567	191.132	191.128	191.277	190.695	191.063	190.858	189.304	189.848	189.219
21.0250	190.002	190.918	190.909	191.389	191.141	191.192	191.534	191.457	191.868	191.697
21.5250	190.546	189.904	191.072	190.576	190.546	190.939	190.730	189.681	189.536	189.869
22.0250	190.417	190.002	190.045	190.267	189.715	189.707	189.912	190.781	191.462	190.862
22.5250	191.158	190.503	189.827	191.034	190.790	190.160	190.259	190.439	189.553	189.805
23.0250	190.841	190.327	189.065	189.501	189.540	190.336	190.747	191.029	191.586	189.814
23.5250	189.681	189.938	188.881	188.902	188.448	188.611	188.958	188.739	188.222	188.778
24.0250	188.046	188.119	188.247	187.639	187.558	187.764	188.624	188.911	188.710	188.157
24.5250	188.590	188.787	188.316	188.145	188.097	187.871	189.309	189.805	189.548	189.600

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) FM3L CC/S RECORD = 26

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0250	188.979	188.534	188.363	188.889	189.882	189.279	189.424	189.215	189.540	188.594
25.5250	188.243	187.678	187.794	187.892	187.648	187.263	187.421	188.277	187.922	188.140
26.0250	187.828	187.289	187.943	187.657	187.066	188.204	189.506	188.611	187.657	187.378
26.5250	187.002	186.595	186.390	186.385	186.997	187.515	186.972	186.728	187.263	186.582
27.0250	186.201	186.625	187.584	188.418	188.573	188.769	188.106	188.620	187.918	187.699
27.5250	187.139	186.719	186.647	187.224	186.899	186.895	187.173	187.815	187.503	187.301
28.0250	187.079	187.776	187.965	187.879	187.421	187.348	187.331	187.263	187.571	187.271
28.5250	187.819	187.408	186.261	187.075	187.567	186.843	186.287	186.407	188.016	187.764
29.0250	188.076	188.598	188.286	187.485	187.759	188.050	188.025	187.687	187.006	186.749
29.5250	187.036	188.230	188.367	187.952	187.597	187.169	186.569	186.454	186.278	186.942
30.0250	187.070	187.323	187.383	188.598	188.243	187.627	185.889	185.281	185.602	185.850
30.5250	185.962	186.766	187.888	187.481	186.702	185.898	186.993	187.734	186.903	186.766
31.0250	187.229	187.053	186.955	186.655	186.843	186.968	186.574	186.676	187.211	188.020
31.5250	188.033	187.845	187.952	188.187	188.654	188.264	188.067	187.481	186.831	186.420
32.0250	186.017	186.146	186.116	186.531	186.758	186.805	186.544	187.374	187.721	187.498
32.5250	187.109	188.003	187.913	188.504	187.331	187.066	186.450	187.092	186.424	185.713
33.0250	186.116	186.146	185.645	186.240	186.869	187.267	187.550	187.126	186.052	185.957
33.5250	186.621	185.701	186.535	187.126	187.100	186.886	186.154	187.177	187.618	187.648
34.0250	186.993	187.802	187.087	186.266	186.274	185.898	186.240	185.598	186.129	186.557
34.5250	185.816	185.512	185.161	185.825	186.009	186.505	186.625	186.099	185.731	186.313
35.0250	185.893	186.077	186.189	186.582	186.360	186.634	186.826	186.946	186.424	185.850
35.5250	185.953	186.685	187.648	187.327	186.813	186.039	186.056	185.876	186.043	185.975
36.0250	185.979	186.647	187.391	186.497	186.856	186.916	187.306	186.835	186.141	186.240
36.5250	186.908	186.912	186.518	186.304	186.865	187.267	187.892	187.815	187.935	187.746
37.0250	187.554	187.973	187.995	188.102	187.618	186.993	186.625	187.147	186.557	187.100
37.5250	186.839	186.856	186.985	187.075	186.938	186.839	186.993	187.207	186.805	186.916
38.0250	187.738	188.170	187.464	187.186	186.955	187.490	187.468	187.541	187.665	186.908
38.5250	187.169	186.617	186.912	187.156	186.998	186.510	186.445	186.955	186.719	187.143
39.0250	187.280	187.096	187.019	186.950	186.835	187.104	187.498	187.357	186.518	186.831
39.5250	187.263	186.882	186.587	186.390	186.077	186.510	186.647	187.310	186.745	186.629
40.0250	186.629	186.629	186.629	186.629	186.629	186.629	186.629	186.629	186.629	186.629
40.5250	186.629	186.629	186.629	186.629	186.629	186.629	186.629	186.629	186.629	186.629
41.0250	186.629	186.629	186.629	186.629	186.629	186.629	186.629	186.629	186.629	186.629
41.5250	186.629	186.629	186.629	186.629	186.629	186.629	186.629	186.629	186.629	186.629
42.0250	186.629	186.629	186.629	186.629	186.629	186.629	186.629	186.629	186.629	186.629
42.5250	186.629	186.629	186.629	186.629	186.629	186.629	186.629	186.629	186.629	186.629
43.0250	186.629	186.629	186.629	186.629	186.629	186.629	186.629	186.629	186.629	186.629
43.5250	186.629	186.629	186.629	186.629	186.629	186.629	186.629	186.629	186.629	186.629
44.0250	186.629	186.629	186.629	186.629	186.629	186.629	186.629	186.629	186.629	186.629
44.5250	186.629	186.629	186.629	186.629	186.629	186.629	186.629	186.629	186.629	186.629
45.0250	186.629	186.629	186.629	186.629	186.629	186.629	186.629	186.629	186.629	186.629
45.5250	186.629	186.629	186.629	186.629	186.629	186.629	186.629	186.629	186.629	186.629
46.0250	186.629	186.629	186.629	186.629	186.629	186.629	186.629	186.629	186.629	186.629
46.5250	186.629	186.629	186.629	186.629	186.629	186.629	186.629	186.629	186.629	186.629
47.0250	186.629	186.629	186.629	186.629	186.629	186.629	186.629	186.629	186.629	186.629
47.5250	186.629	186.629	186.629	186.629	186.629	186.629	186.629	186.629	186.629	186.629
48.0250	186.629	186.629	186.629	186.629	186.629	186.629	186.629	186.629	186.629	186.629
48.5250	186.629	186.629	186.629	186.629	186.629	186.629	186.629	186.629	186.629	186.629
49.0250	186.629	186.629	186.629	186.629	186.629	186.629	186.629	186.629	186.629	186.629
49.5250	186.629	186.629	186.629	186.629	186.629	186.629	186.629	186.629	186.629	186.629

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) PT1L MPA RECORD = 27

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	0.460	0.460	0.459	0.459	0.461	0.460	0.460	0.460	0.459	0.460
0.5250	0.462	0.461	0.461	0.461	0.460	0.460	0.461	0.460	0.460	0.460
1.0250	0.460	0.459	0.461	0.461	0.461	0.460	0.461	0.459	0.460	0.462
1.5250	0.460	0.460	0.461	0.461	0.461	0.460	0.459	0.461	0.459	0.460
2.0250	0.460	0.460	0.461	0.460	0.462	0.460	0.460	0.460	0.461	0.460
2.5250	0.461	0.460	0.460	0.461	0.459	0.459	0.460	0.460	0.460	0.459
3.0250	0.460	0.460	0.459	0.459	0.460	0.460	0.460	0.461	0.459	0.460
3.5250	0.459	0.461	0.461	0.461	0.460	0.460	0.461	0.460	0.460	0.460
4.0250	0.460	0.461	0.460	0.461	0.460	0.461	0.460	0.460	0.460	0.460
4.5250	0.459	0.460	0.460	0.460	0.460	0.460	0.461	0.460	0.460	0.460
5.0250	0.460	0.461	0.461	0.459	0.459	0.461	0.460	0.461	0.461	0.461
5.5250	0.461	0.461	0.460	0.460	0.461	0.460	0.461	0.461	0.462	0.461
6.0250	0.461	0.461	0.461	0.460	0.461	0.461	0.462	0.462	0.460	0.462
6.5250	0.462	0.461	0.461	0.461	0.462	0.462	0.461	0.462	0.461	0.461
7.0250	0.461	0.462	0.463	0.462	0.462	0.462	0.462	0.463	0.463	0.463
7.5250	0.463	0.462	0.463	0.462	0.462	0.461	0.461	0.462	0.461	0.462
8.0250	0.463	0.463	0.462	0.463	0.463	0.461	0.462	0.463	0.463	0.462
8.5250	0.461	0.463	0.463	0.463	0.462	0.464	0.463	0.462	0.461	0.462
9.0250	0.464	0.462	0.462	0.462	0.462	0.463	0.463	0.461	0.463	0.462
9.5250	0.464	0.462	0.463	0.463	0.464	0.463	0.464	0.463	0.461	0.463
10.0250	0.463	0.463	0.463	0.462	0.463	0.461	0.463	0.462	0.463	0.462
10.5250	0.462	0.462	0.461	0.463	0.462	0.462	0.461	0.463	0.463	0.463
11.0250	0.463	0.464	0.463	0.463	0.462	0.464	0.465	0.463	0.463	0.462
11.5250	0.463	0.463	0.463	0.463	0.464	0.463	0.464	0.463	0.465	0.463
12.0250	0.463	0.462	0.463	0.462	0.462	0.463	0.463	0.462	0.463	0.462
12.5250	0.461	0.462	0.461	0.462	0.464	0.463	0.461	0.462	0.464	0.462
13.0250	0.463	0.461	0.463	0.465	0.463	0.463	0.464	0.463	0.463	0.463
13.5250	0.462	0.463	0.463	0.463	0.464	0.464	0.464	0.464	0.465	0.463
14.0250	0.463	0.465	0.464	0.463	0.463	0.463	0.465	0.464	0.465	0.464
14.5250	0.465	0.463	0.463	0.464	0.462	0.463	0.463	0.463	0.462	0.464
15.0250	0.463	0.465	0.463	0.464	0.463	0.463	0.463	0.463	0.464	0.463
15.5250	0.463	0.464	0.464	0.462	0.464	0.464	0.464	0.464	0.465	0.464
16.0250	0.465	0.463	0.464	0.465	0.464	0.466	0.465	0.464	0.465	0.464
16.5250	0.463	0.465	0.464	0.464	0.464	0.465	0.464	0.465	0.466	0.465
17.0250	0.465	0.465	0.464	0.465	0.466	0.464	0.464	0.463	0.465	0.464
17.5250	0.465	0.463	0.464	0.466	0.464	0.465	0.464	0.464	0.464	0.465
18.0250	0.464	0.464	0.464	0.465	0.464	0.465	0.464	0.464	0.465	0.465
18.5250	0.465	0.466	0.465	0.466	0.467	0.465	0.465	0.465	0.465	0.465
19.0250	0.465	0.463	0.465	0.466	0.467	0.465	0.467	0.465	0.466	0.465
19.5250	0.467	0.466	0.465	0.466	0.465	0.465	0.464	0.465	0.466	0.464
20.0250	0.466	0.465	0.465	0.465	0.464	0.465	0.465	0.466	0.466	0.465
20.5250	0.464	0.465	0.464	0.465	0.465	0.466	0.465	0.465	0.465	0.464
21.0250	0.465	0.465	0.465	0.464	0.465	0.464	0.464	0.463	0.464	0.465
21.5250	0.466	0.465	0.466	0.466	0.466	0.465	0.464	0.466	0.466	0.466
22.0250	0.464	0.466	0.467	0.466	0.465	0.467	0.467	0.466	0.465	0.466
22.5250	0.465	0.466	0.465	0.465	0.465	0.465	0.465	0.466	0.465	0.466
23.0250	0.466	0.466	0.464	0.465	0.465	0.465	0.465	0.464	0.465	0.465
23.5250	0.464	0.464	0.466	0.466	0.465	0.467	0.467	0.464	0.466	0.466
24.0250	0.465	0.465	0.466	0.465	0.467	0.465	0.466	0.465	0.465	0.466
24.5250	0.466	0.467	0.466	0.465	0.466	0.466	0.466	0.466	0.465	0.466

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) PT1L MPA RECORD = 28

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0250	0.465	0.465	0.466	0.465	0.465	0.466	0.465	0.465	0.465	0.466
25.5250	0.466	0.464	0.466	0.465	0.464	0.465	0.466	0.465	0.464	0.465
26.0250	0.465	0.466	0.465	0.465	0.466	0.465	0.465	0.465	0.465	0.465
26.5250	0.465	0.465	0.465	0.465	0.465	0.465	0.464	0.465	0.466	0.466
27.0250	0.465	0.465	0.464	0.464	0.464	0.466	0.465	0.463	0.465	0.464
27.5250	0.465	0.464	0.465	0.463	0.465	0.463	0.464	0.466	0.465	0.464
28.0250	0.465	0.465	0.465	0.463	0.465	0.464	0.465	0.465	0.463	0.465
28.5250	0.464	0.464	0.464	0.463	0.466	0.463	0.464	0.464	0.464	0.464
29.0250	0.465	0.464	0.465	0.464	0.464	0.464	0.464	0.464	0.464	0.464
29.5250	0.463	0.465	0.464	0.464	0.464	0.464	0.464	0.465	0.463	0.464
30.0250	0.464	0.463	0.464	0.464	0.463	0.464	0.464	0.463	0.463	0.464
30.5250	0.463	0.465	0.463	0.464	0.464	0.464	0.463	0.464	0.464	0.465
31.0250	0.464	0.464	0.464	0.464	0.465	0.464	0.464	0.464	0.463	0.462
31.5250	0.465	0.463	0.462	0.463	0.463	0.463	0.462	0.463	0.464	0.463
32.0250	0.464	0.464	0.464	0.462	0.463	0.464	0.462	0.463	0.463	0.464
32.5250	0.463	0.465	0.463	0.462	0.463	0.463	0.464	0.464	0.463	0.462
33.0250	0.463	0.463	0.463	0.463	0.463	0.462	0.462	0.462	0.464	0.463
33.5250	0.463	0.463	0.462	0.463	0.462	0.463	0.463	0.463	0.464	0.464
34.0250	0.464	0.464	0.464	0.463	0.463	0.463	0.463	0.464	0.472	0.463
34.5250	0.463	0.464	0.463	0.463	0.462	0.462	0.463	0.461	0.462	0.462
35.0250	0.463	0.462	0.463	0.462	0.463	0.463	0.463	0.462	0.462	0.462
35.5250	0.463	0.463	0.463	0.463	0.463	0.462	0.463	0.464	0.462	0.464
36.0250	0.463	0.463	0.462	0.463	0.463	0.464	0.462	0.463	0.463	0.463
36.5250	0.464	0.462	0.462	0.463	0.463	0.462	0.464	0.462	0.463	0.461
37.0250	0.463	0.462	0.463	0.463	0.463	0.463	0.463	0.462	0.463	0.465
37.5250	0.462	0.464	0.463	0.463	0.463	0.464	0.463	0.464	0.463	0.464
38.0250	0.462	0.464	0.463	0.463	0.464	0.464	0.464	0.464	0.463	0.463
38.5250	0.464	0.463	0.463	0.464	0.464	0.463	0.464	0.463	0.463	0.464
39.0250	0.463	0.465	0.464	0.462	0.463	0.463	0.462	0.463	0.463	0.461
39.5250	0.463	0.463	0.463	0.463	0.462	0.463	0.462	0.463	0.462	0.462
40.0250	0.462	0.462	0.462	0.462	0.462	0.462	0.462	0.462	0.462	0.462
40.5250	0.462	0.462	0.462	0.462	0.462	0.462	0.462	0.462	0.462	0.462
41.0250	0.462	0.462	0.462	0.462	0.462	0.462	0.462	0.462	0.462	0.462
41.5250	0.462	0.462	0.462	0.462	0.462	0.462	0.462	0.462	0.462	0.462
42.0250	0.462	0.462	0.462	0.462	0.462	0.462	0.462	0.462	0.462	0.462
42.5250	0.462	0.462	0.462	0.462	0.462	0.462	0.462	0.462	0.462	0.462
43.0250	0.462	0.462	0.462	0.462	0.462	0.462	0.462	0.462	0.462	0.462
43.5250	0.462	0.462	0.462	0.462	0.462	0.462	0.462	0.462	0.462	0.462
44.0250	0.462	0.462	0.462	0.462	0.462	0.462	0.462	0.462	0.462	0.462
44.5250	0.462	0.462	0.462	0.462	0.462	0.462	0.462	0.462	0.462	0.462
45.0250	0.462	0.462	0.462	0.462	0.462	0.462	0.462	0.462	0.462	0.462
45.5250	0.462	0.462	0.462	0.462	0.462	0.462	0.462	0.462	0.462	0.462
46.0250	0.462	0.462	0.462	0.462	0.462	0.462	0.462	0.462	0.462	0.462
46.5250	0.462	0.462	0.462	0.462	0.462	0.462	0.462	0.462	0.462	0.462
47.0250	0.462	0.462	0.462	0.462	0.462	0.462	0.462	0.462	0.462	0.462
47.5250	0.462	0.462	0.462	0.462	0.462	0.462	0.462	0.462	0.462	0.462
48.0250	0.462	0.462	0.462	0.462	0.462	0.462	0.462	0.462	0.462	0.462
48.5250	0.462	0.462	0.462	0.462	0.462	0.462	0.462	0.462	0.462	0.462
49.0250	0.462	0.462	0.462	0.462	0.462	0.462	0.462	0.462	0.462	0.462
49.5250	0.462	0.462	0.462	0.462	0.462	0.462	0.462	0.462	0.462	0.462

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) PT2L MPA RECORD = 29

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	0.401	0.401	0.401	0.401	0.401	0.402	0.401	0.402	0.402	0.401
0.5250	0.402	0.402	0.402	0.402	0.401	0.401	0.401	0.401	0.401	0.402
1.0250	0.402	0.401	0.402	0.403	0.402	0.403	0.402	0.402	0.402	0.401
1.5250	0.402	0.401	0.402	0.402	0.402	0.401	0.401	0.401	0.401	0.402
2.0250	0.401	0.401	0.401	0.401	0.402	0.401	0.401	0.402	0.403	0.401
2.5250	0.401	0.401	0.402	0.401	0.401	0.401	0.401	0.402	0.402	0.401
3.0250	0.402	0.400	0.402	0.402	0.402	0.401	0.401	0.401	0.401	0.401
3.5250	0.401	0.402	0.402	0.401	0.401	0.401	0.401	0.401	0.402	0.401
4.0250	0.402	0.402	0.401	0.403	0.402	0.402	0.401	0.402	0.402	0.402
4.5250	0.403	0.402	0.403	0.403	0.403	0.403	0.403	0.404	0.404	0.404
5.0250	0.404	0.404	0.406	0.406	0.405	0.405	0.405	0.404	0.405	0.406
5.5250	0.406	0.406	0.406	0.406	0.406	0.406	0.408	0.407	0.407	0.407
6.0250	0.408	0.408	0.408	0.407	0.407	0.408	0.407	0.408	0.409	0.409
6.5250	0.409	0.408	0.409	0.409	0.409	0.409	0.409	0.409	0.411	0.410
7.0250	0.410	0.409	0.411	0.411	0.410	0.410	0.412	0.411	0.410	0.411
7.5250	0.411	0.412	0.412	0.411	0.412	0.411	0.411	0.412	0.411	0.412
8.0250	0.413	0.411	0.413	0.413	0.412	0.413	0.413	0.413	0.413	0.413
8.5250	0.413	0.413	0.413	0.413	0.413	0.414	0.415	0.413	0.414	0.414
9.0250	0.414	0.413	0.414	0.414	0.413	0.414	0.414	0.414	0.414	0.415
9.5250	0.414	0.415	0.416	0.416	0.415	0.416	0.416	0.414	0.415	0.415
10.0250	0.415	0.416	0.416	0.415	0.416	0.416	0.415	0.415	0.416	0.415
10.5250	0.416	0.415	0.415	0.416	0.415	0.416	0.417	0.417	0.416	0.417
11.0250	0.416	0.417	0.417	0.418	0.418	0.417	0.417	0.418	0.418	0.418
11.5250	0.418	0.417	0.417	0.417	0.417	0.418	0.417	0.417	0.419	0.418
12.0250	0.418	0.417	0.418	0.417	0.418	0.418	0.418	0.418	0.418	0.418
12.5250	0.418	0.418	0.419	0.419	0.419	0.419	0.418	0.419	0.419	0.419
13.0250	0.419	0.419	0.419	0.418	0.420	0.420	0.419	0.419	0.420	0.420
13.5250	0.420	0.420	0.420	0.419	0.420	0.421	0.420	0.420	0.421	0.421
14.0250	0.420	0.420	0.421	0.421	0.420	0.420	0.421	0.421	0.421	0.420
14.5250	0.422	0.421	0.421	0.421	0.421	0.421	0.421	0.421	0.421	0.421
15.0250	0.421	0.421	0.421	0.421	0.422	0.421	0.421	0.421	0.421	0.421
15.5250	0.420	0.422	0.421	0.422	0.421	0.423	0.422	0.422	0.423	0.422
16.0250	0.423	0.423	0.423	0.423	0.423	0.423	0.423	0.423	0.423	0.423
16.5250	0.423	0.423	0.423	0.422	0.423	0.423	0.423	0.424	0.423	0.423
17.0250	0.423	0.423	0.423	0.423	0.424	0.424	0.424	0.424	0.423	0.423
17.5250	0.423	0.424	0.423	0.424	0.424	0.424	0.424	0.424	0.424	0.425
18.0250	0.424	0.424	0.425	0.425	0.425	0.424	0.425	0.425	0.424	0.425
18.5250	0.425	0.424	0.425	0.426	0.425	0.426	0.425	0.425	0.425	0.425
19.0250	0.425	0.426	0.426	0.426	0.427	0.426	0.427	0.425	0.426	0.427
19.5250	0.427	0.426	0.426	0.425	0.425	0.426	0.427	0.426	0.426	0.425
20.0250	0.426	0.426	0.426	0.426	0.426	0.426	0.426	0.426	0.426	0.427
20.5250	0.426	0.427	0.427	0.426	0.427	0.427	0.427	0.426	0.426	0.426
21.0250	0.427	0.427	0.427	0.427	0.427	0.426	0.427	0.426	0.427	0.427
21.5250	0.427	0.427	0.427	0.427	0.427	0.427	0.427	0.428	0.428	0.428
22.0250	0.429	0.428	0.428	0.428	0.428	0.429	0.428	0.427	0.429	0.428
22.5250	0.428	0.428	0.428	0.429	0.428	0.428	0.428	0.427	0.428	0.428
23.0250	0.428	0.429	0.428	0.428	0.429	0.428	0.429	0.428	0.428	0.428
23.5250	0.429	0.428	0.429	0.429	0.430	0.429	0.429	0.429	0.430	0.430
24.0250	0.429	0.430	0.429	0.429	0.429	0.429	0.430	0.430	0.429	0.429
24.5250	0.429	0.429	0.430	0.430	0.430	0.429	0.430	0.430	0.429	0.429

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) PT2L MPA RECORD = 30

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0250	0.429	0.429	0.430	0.429	0.430	0.430	0.430	0.430	0.430	0.430
25.5250	0.430	0.429	0.431	0.430	0.430	0.429	0.430	0.430	0.430	0.429
26.0250	0.429	0.429	0.428	0.428	0.428	0.429	0.429	0.428	0.429	0.428
26.5250	0.428	0.428	0.429	0.428	0.428	0.428	0.428	0.428	0.427	0.427
27.0250	0.428	0.427	0.426	0.428	0.426	0.426	0.426	0.426	0.426	0.426
27.5250	0.426	0.426	0.425	0.425	0.425	0.425	0.426	0.424	0.424	0.425
28.0250	0.425	0.426	0.425	0.424	0.424	0.424	0.425	0.424	0.424	0.424
28.5250	0.424	0.423	0.423	0.423	0.423	0.423	0.423	0.423	0.423	0.424
29.0250	0.424	0.422	0.422	0.423	0.422	0.422	0.422	0.423	0.422	0.422
29.5250	0.422	0.422	0.422	0.422	0.422	0.421	0.421	0.420	0.421	0.421
30.0250	0.422	0.422	0.421	0.421	0.420	0.420	0.421	0.421	0.421	0.420
30.5250	0.420	0.420	0.420	0.420	0.421	0.420	0.421	0.420	0.420	0.420
31.0250	0.420	0.420	0.419	0.420	0.420	0.419	0.419	0.419	0.419	0.419
31.5250	0.418	0.419	0.418	0.418	0.418	0.419	0.419	0.419	0.418	0.418
32.0250	0.418	0.418	0.418	0.419	0.419	0.418	0.418	0.418	0.418	0.419
32.5250	0.419	0.418	0.418	0.418	0.418	0.418	0.418	0.418	0.417	0.418
33.0250	0.417	0.417	0.417	0.417	0.417	0.417	0.416	0.416	0.416	0.416
33.5250	0.417	0.417	0.417	0.416	0.41[illegible]	0.418	0.419	0.416	0.416	0.416
34.0250	0.417	0.417	0.417	0.417	0.417	0.416	0.417	0.417	0.415	0.412
34.5250	0.411	0.416	0.417	0.416	0.416	0.417	0.415	0.416	0.416	0.416
35.0250	0.416	0.415	0.416	0.415	0.415	0.416	0.416	0.415	0.416	0.416
35.5250	0.416	0.415	0.415	0.416	0.416	0.416	0.416	0.416	0.417	0.416
36.0250	0.416	0.416	0.416	0.415	0.416	0.416	0.416	0.415	0.416	0.415
36.5250	0.415	0.415	0.414	0.415	0.415	0.415	0.415	0.415	0.415	0.415
37.0250	0.415	0.415	0.415	0.415	0.415	0.416	0.415	0.415	0.415	0.415
37.5250	0.416	0.416	0.415	0.415	0.415	0.415	0.415	0.416	0.415	0.415
38.0250	0.415	0.415	0.415	0.415	0.415	0.415	0.415	0.414	0.414	0.415
38.5250	0.415	0.415	0.415	0.415	0.415	0.415	0.415	0.415	0.415	0.415
39.0250	0.414	0.415	0.415	0.414	0.415	0.414	0.413	0.414	0.414	0.414
39.5250	0.413	0.414	0.414	0.414	0.414	0.414	0.413	0.413	0.414	0.413
40.0250	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413
40.5250	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413
41.0250	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413
41.5250	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413
42.0250	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413
42.5250	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413
43.0250	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413
43.5250	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413
44.0250	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413
44.5250	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413
45.0250	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413
45.5250	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413
46.0250	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413
46.5250	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413
47.0250	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413
47.5250	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413
48.0250	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413
48.5250	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413
49.0250	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413
49.5250	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) TC1 K RECORD = 31

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	640.215	640.030	636.912	639.196	638.332	638.147	638.981	638.208	639.567	640.586
0.5250	638.455	639.751	637.190	637.962	639.659	638.888	637.374	638.672	639.381	639.289
1.0250	638.086	638.612	638.859	639.014	638.767	639.260	638.612	638.149	639.014	638.828
1.5250	638.705	639.353	639.260	637.346	638.211	639.044	638.056	638.921	638.581	638.488
2.0250	638.890	639.075	638.056	637.222	638.580	638.427	638.396	638.211	[illegible]7.995	639.137
2.5250	639.569	638.766	637.748	638.673	638.520	639.538	638.272	638.705	[illegible].581	638.736
3.0250	638.921	639.723	638.704	638.489	638.396	638.427	639.106	638.365	[illegible].538	638.859
3.5250	639.199	639.661	640.063	639.846	640.032	639.229	637.994	640.217	640.186	640.341
4.0250	640.434	640.557	641.514	641.020	641.822	642.501	642.378	643.983	645.248	645.000
4.5250	646.760	647.747	649.258	650.584	652.959	655.333	657.583	660.695	663.313	665.901
5.0250	668.241	670.519	672.366	672.858	674.120	675.567	675.228	676.120	676.674	676.797
5.5250	676.643	677.444	677.505	677.905	677.782	678.459	677.597	676.890	678.059	677.720
6.0250	677.659	678.367	677.936	676.797	678.490	677.505	678.120	677.936	678.336	677.874
6.5250	677.567	678.520	677.690	677.597	678.059	677.567	677.690	677.567	677.259	678.674
7.0250	677.997	678.520	677.382	677.413	678.151	677.844	677.105	678.059	677.536	678.520
7.5250	678.397	678.090	677.813	677.690	678.243	677.074	678.151	678.397	677.720	677.351
8.0250	677.720	679.043	677.659	677.351	677.844	678.028	677.997	678.274	677.967	678.920
8.5250	677.720	678.490	678.059	678.243	677.659	677.782	677.474	678.859	678.490	678.151
9.0250	678.828	679.012	677.935	678.244	679.289	678.613	678.305	678.520	678.151	677.874
9.5250	677.782	677.874	678.797	678.582	678.951	677.844	679.382	678.582	678.274	678.951
10.0250	679.597	678.366	678.582	679.935	678.674	678.428	679.105	678.674	678.182	678.274
10.5250	678.828	678.920	678.490	679.197	678.551	677.782	679.013	678.336	678.643	678.705
11.0250	678.643	678.951	678.951	679.074	679.259	678.490	679.289	678.521	679.074	678.674
11.5250	679.166	679.628	678.397	679.597	678.643	678.274	678.859	678.736	679.535	679.043
12.0250	678.705	679.290	679.751	678.889	679.843	679.013	678.767	678.859	679.351	679.874
12.5250	679.597	679.320	679.597	679.966	679.413	679.597	679.043	680.520	679.197	679.351
13.0250	679.628	678.736	679.720	680.028	679.689	678.797	679.843	679.782	680.151	679.474
13.5250	679.259	679.136	679.628	678.767	679.659	679.566	680.274	679.597	679.720	679.382
14.0250	679.997	679.966	679.720	680.089	679.597	680.397	680.243	679.782	679.966	679.782
14.5250	680.089	680.059	680.120	679.751	679.751	680.120	679.197	680.735	680.428	679.720
15.0250	679.997	680.212	679.505	679.905	680.059	680.089	679.966	679.966	679.966	679.812
15.5250	680.428	680.212	680.243	680.366	680.704	680.212	680.520	679.936	680.643	679.936
16.0250	680.397	680.705	680.581	680.643	680.489	680.951	680.059	680.243	680.028	680.735
16.5250	680.059	680.458	681.043	680.426	680.766	680.828	680.797	680.459	680.428	680.182
17.0250	681.197	680.735	680.612	680.674	681.935	681.658	681.350	681.258	680.520	680.643
17.5250	680.828	681.504	681.289	681.289	680.920	680.581	681.166	680.766	681.381	681.043
18.0250	681.535	681.504	681.627	682.181	681.597	681.412	681.320	681.689	681.412	680.735
18.5250	681.258	681.074	681.443	681.750	681.627	681.596	681.720	681.719	681.166	682.119
19.0250	681.843	681.689	681.935	681.351	681.904	682.181	682.242	681.935	681.873	682.119
19.5250	682.365	681.351	682.027	682.519	682.212	682.211	682 212	681.935	682.365	681.843
20.0250	682.734	682.642	682.089	681.658	683.380	682.980	682.119	682.304	681.966	682.212
20.5250	682.242	681.996	683.011	682.796	682.796	682.027	682.519	682.581	682.365	683.257
21.0250	683.257	681.873	682.981	682.734	682.796	683.104	683.011	683.257	682.211	683.134
21.5250	683.103	683.196	681.966	683.227	682.550	682.950	683.042	683.411	683.288	683.196
22.0250	682.765	684.088	683.503	683.749	684.118	682.981	682.888	683.934	683.503	683.442
22.5250	684.426	684.303	683.842	683.596	684.088	683.718	684.641	683.472	683.842	684.211
23.0250	684.672	684.703	684.057	684.610	684.088	685.102	684.241	683.473	685.102	684.180
23.5250	684.610	684.118	684.580	684.303	683.934	684.549	684.395	684.118	684.334	684.795
24.0250	683.688	684.549	684.518	685.133	683.903	684.672	684.272	684.610	685.318	684.980
24.5250	685.379	685.010	684.795	685.502	684.395	685.687	685.656	685.933	685.994	686.271

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) TC1 K RECORD = 32

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0250	685.410	684.826	685.349	685.410	684.857	685.441	685.595	685.748	685.625	686.056
25.5250	685.748	686.363	685.902	685.625	686.240	685.717	685.625	686.240	686.056	686.455
26.0250	686.425	686.639	684.918	681.288	677.997	672.212	668.024	663.405	658.353	654.685
26.5250	652.342	650.184	649.197	648.025	647.315	646.698	647.099	645.649	645.248	645.124
27.0250	645.556	644.846	645.494	645.803	645.926	645.155	644.630	644.013	644.630	644.445
27.5250	644.260	644.846	644.815	644.939	644.415	643.982	644.198	644.662	643.859	644.384
28.0250	643.767	644.754	644.723	643.767	644.878	644.445	644.877	645.001	644.693	643.705
28.5250	644.106	645.865	644.415	643.612	644.[illegible]	644.785	643.952	644.970	645.526	643.736
29.0250	645.217	644.816	645.217	645.279	644.940	645.557	645.094	644.415	645.557	645.032
29.5250	645.526	645.495	645.094	644.662	645.279	645.433	645.619	645.927	645.156	645.865
30.0250	645.002	645.649	645.433	645.834	645.772	645.618	645.340	646.543	645.834	645.926
30.5250	646.297	646.019	645.865	645.310	646.328	646.142	646.451	645.711	646.205	646.050
31.0250	645.495	645.834	646.112	646.266	646.729	646.143	646.420	647.161	646.482	646.081
31.5250	646.606	646.390	646.174	647.470	646.266	647.099	647.161	647.068	646.914	646.760
32.0250	647.192	647.254	646.606	647.130	647.439	647.685	646.976	646.729	647.130	647.223
32.5250	647.963	646.976	647.408	647.192	647.747	647.685	646.729	648.148	647.562	647.531
33.0250	648.056	648.148	647.809	647.870	648.302	648.333	648.210	648.395	647.994	647.932
33.5250	648.364	648.025	648.518	648.580	648.796	648.457	648.426	649.043	648.395	649.135
34.0250	648.672	648.549	649.135	649.197	648.858	649.351	649.074	649.382	649.197	648.457
34.5250	649.444	649.567	649.197	649.012	649.382	649.289	649.937	649.443	649.783	649.320
35.0250	649.505	650.122	650.060	651.910	652.033	649.906	650.214	650.029	650.152	650.523
35.5250	650.060	650.553	650.214	649.597	651.047	648.795	649.998	649.659	649.967	651.417
36.0250	649.906	650.615	649.937	651.632	651.016	650.121	651.047	650.645	650.769	651.016
36.5250	650.399	649.258	651.509	652.095	651.170	651.725	650.954	651.293	651.664	651.725
37.0250	651.324	651.294	651.355	651.787	651.109	651.972	651.417	651.664	652.342	652.434
37.5250	651.386	652.126	651.695	652.650	652.835	652.342	652.219	652.620	652.126	652.774
38.0250	652.589	652.650	652.650	652.250	652.250	653.421	653.051	652.743	652.219	652.311
38.5250	652.342	652.989	653.236	652.496	652.743	653.575	653.668	653.390	653.452	653.976
39.0250	652.681	653.236	654.161	653.853	653.483	653.082	653.205	653.853	653.884	654.531
39.5250	654.007	654.624	653.236	653.483	653.421	654.069	654.253	654.993	654.469	653.976
40.0250	653.976	653.976	653.976	653.976	653.976	653.976	653.976	653.976	653.976	653.976
40.5250	653.976	653.976	653.976	653.976	653.976	653.976	653.976	653.976	653.976	653.976
41.0250	653.976	653.976	653.976	653.976	653.976	653.976	653.976	653.976	653.976	653.976
41.5250	653.976	653.976	653.976	653.976	653.976	653.976	653.976	653.976	653.976	653.976
42.0250	653.976	653.976	653.976	653.976	653.976	653.976	653.976	653.976	653.976	653.976
42.5250	653.976	653.976	653.976	653.976	653.976	653.976	653.976	653.976	653.976	653.976
43.0250	653.976	653.976	653.976	653.976	653.976	653.976	653.976	653.976	653.976	653.976
43.5250	653.976	653.976	653.976	653.976	653.976	653.976	653.976	653.976	653.976	653.976
44.0250	653.976	653.976	653.976	653.976	653.976	653.976	653.976	653.976	653.976	653.976
44.5250	653.976	653.976	653.976	653.976	653.976	653.976	653.976	653.976	653.976	653.976
45.0250	653.976	653.976	653.976	653.976	653.976	653.976	653.976	653.976	653.976	653.976
45.5250	653.976	653.976	653.976	653.976	653.976	653.976	653.976	653.976	653.976	653.976
46.0250	653.976	653.976	653.976	653.976	653.976	653.976	653.976	653.976	653.976	653.976
46.5250	653.976	653.976	653.976	653.976	653.976	653.976	653.976	653.976	653.976	653.976
47.0250	653.976	653.976	653.976	653.976	653.976	653.976	653.976	653.976	653.976	653.976
47.5250	653.976	653.976	653.976	653.976	653.976	653.976	653.976	653.976	653.976	653.976
48.0250	653.976	653.976	653.976	653.976	653.976	653.976	653.976	653.976	653.976	653.976
48.5250	653.976	653.976	653.976	653.976	653.976	653.976	653.976	653.976	653.976	653.976
49.0250	653.976	653.976	653.976	653.976	653.976	653.976	653.976	653.976	653.976	653.976
49.5250	653.976	653.976	653.976	653.976	653.976	653.976	653.976	653.976	653.976	653.976

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) TC2 K RECORD = 33

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	637.810	637.439	638.396	637.903	638.551	637.069	638.427	637.285	637.717	637.470
0.5250	637.594	636.976	637.655	637.995	637.625	638.427	637.779	638.396	637.223	638.427
1.0250	637.872	637.161	637.347	637.254	637.038	637.779	637.686	637.686	637.625	638.366
1.5250	638.242	636.729	637.563	638.921	637.625	637.686	637.964	638.150	638.427	637.378
2.0250	637.717	637.903	638.891	637.501	636.883	638.150	637.501	637.655	637.964	637.872
2.5250	637.748	637.841	638.366	637.100	637.717	638.150	638.335	637.810	637.439	637.007
3.0250	637.779	637.903	637.439	637.038	637.347	637.810	637.872	637.316	637.470	637.902
3.5250	638.119	638.057	637.933	638.427	638.180	639.045	639.045	639.107	639.662	639.261
4.0250	639.940	640.897	640.002	641.144	640.836	642.255	642.533	643.366	644.601	644.662
4.5250	646.606	647.933	649.351	651.664	654.562	656.042	659.863	662.698	665.593	668.980
5.0250	672.489	674.428	676.429	677.906	680.274	680.367	681.781	681.966	683.473	682.643
5.5250	683.381	683.565	683.596	684.703	683.904	684.396	684.519	684.734	683.873	684.457
6.0250	684.703	683.965	683.411	683.873	684.149	684.119	685.103	684.488	684.457	685.287
6.5250	684.611	684.580	684.611	685.164	684.365	683.627	684.734	684.119	684.549	683.934
7.0250	685.164	683.719	685.226	684.119	684.150	683.996	683.780	684.334	685.380	683.996
7.5250	684.980	684.611	684.026	683.873	683.934	684.334	684.180	684.703	683.811	684.918
8.0250	684.396	684.303	685.041	684.918	683.996	683.842	684.396	685.810	684.519	685.318
8.5250	684.088	685.011	684.857	684.949	685.379	685.164	684.980	685.011	685.349	684.949
9.0250	685.011	686.302	684.765	684.734	685.072	685.287	685.226	685.656	685.287	684.826
9.5250	684.826	685.195	685.564	685.748	686.210	684.365	685.041	685.441	685.687	684.765
10.0250	685.134	684.918	685.226	685.718	685.441	686.056	685.441	685.902	685.349	685.841
10.5250	685.872	686.025	685.964	686.333	685.226	685.441	686.087	685.687	685.472	685.995
11.0250	685.164	686.025	686.240	685.964	685.933	685.902	686.579	685.841	685.410	685.779
11.5250	685.472	686.025	685.872	686.117	685.564	686.087	685.379	686.333	685.472	685.964
12.0250	686.179	686.025	686.855	685.779	687.655	686.640	685.749	686.025	687.839	687.101
12.5250	687.071	686.917	686.702	686.732	686.240	686.671	686.855	686.302	686.333	686.087
13.0250	686.579	686.948	686.456	686.855	687.163	685.533	686.671	687.224	686.210	687.409
13.5250	686.763	686.794	686.763	686.978	685.995	687.163	687.501	686.579	686.210	686.609
14.0250	687.870	686.363	687.101	687.532	686.917	686.825	687.563	687.563	687.255	687.224
14.5250	687.655	686.855	686.732	687.532	687.655	686.886	687.809	687.532	686.978	686.517
15.0250	687.470	688.054	688.147	687.655	687.347	687.040	687.593	687.716	687.009	[illegible].224
15.5250	687.685	687.778	687.255	687.563	687.255	686.855	687.686	687.993	687.009	686.054
16.0250	687.009	687.255	688.454	687.440	687.563	688.393	687.378	687.655	688.423	688.024
16.5250	688.577	687.040	687.809	687.778	687.593	687.993	688.024	687.685	688.085	688.454
17.0250	688.270	687.870	688.762	688.024	688.423	688.147	689.253	687.809	688.608	688.700
17.5250	689.100	688.577	688.731	689.069	687.962	687.993	688.393	688.639	687.839	688.239
18.0250	688.762	689.161	689.008	688.854	688.024	689.407	688.239	688.485	688.638	689.315
18.5250	688.362	689.499	688.669	688.331	689.007	689.438	690.053	688.300	689.130	689.130
19.0250	689.192	689.837	689.991	688.700	689.253	688.854	689.315	688.731	689.469	688.823
19.5250	688.854	689.561	689.653	689.837	689.561	690.391	690.176	689.161	690.360	689.315
20.0250	689.622	689.960	689.714	689.745	689.438	689.253	690.575	689.653	690.422	690.268
20.5250	688.915	690.145	690.083	690.360	689.776	689.899	689.684	690.760	690.329	690.883
21.0250	690.483	691.006	691.005	689.714	690.391	690.452	690.729	690.299	690.729	690.821
21.5250	690.821	691.344	691.589	690.667	691.098	690.760	690.729	690.421	691.313	690.790
22.0250	690.883	691.251	691.159	691.774	691.405	690.606	691.128	691.221	691.251	691.128
22.5250	692.296	691.098	691.282	691.559	692.266	691.928	691.313	691.467	691.927	691.866
23.0250	691.436	692.511	691.897	691.958	692.112	692.050	692.511	692.112	692.511	692.573
23.5250	692.419	692.911	691.989	692.542	692.388	691.620	692.972	691.682	692.880	691.989
24.0250	692.327	692.665	692.511	692.081	692.451	692.327	692.266	692.604	693.956	692.911
24.5250	693.311	693.864	692.358	693.403	693.218	694.509	693.956	693.741	694.048	692.850

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) TC2 K RECORD = 34

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0250	694.171	693.618	693.526	693.095	693.587	694.110	692.942	693.526	692.972	693.587
25.5250	693.188	693.956	694.232	694.816	694.724	694.448	694.171	693.894	695.154	694.786
26.0250	693.741	693.741	692.419	689.776	685.841	679.444	673.967	667.718	662.482	658.446
26.5250	655.580	652.620	650.986	649.598	647.532	646.822	645.526	645.650	645.526	644.601
27.0250	644.477	645.403	644.693	644.446	644.786	644.693	643.983	644.107	643.891	644.354
27.5250	643.582	643.798	643.212	644.446	644.138	643.675	643.860	644.199	643.675	644.385
28.0250	643.644	644.261	644.354	643.490	644.570	644.323	643.706	643.953	644.385	643.181
28.5250	644.292	643.891	644.230	643.767	643.582	643.675	644.045	644.261	644.570	643.891
29.0250	644.045	644.045	643.922	644.230	644.062	644.354	644.601	644.724	644.292	644.570
29.5250	644.631	645.063	644.415	645.094	644.631	644.755	645.125	645.125	644.261	644.817
30.0250	644.786	645.033	644.971	644.755	644.971	645.187	644.539	645.033	644.786	645.681
30.5250	645.063	645.927	645.897	645.033	645.835	645.310	645.619	645.218	644.971	645.125
31.0250	645.495	644.878	645.927	645.187	645.681	645.279	645.711	645.897	646.205	645.681
31.5250	645.897	645.742	645.989	646.112	646.359	646.082	646.544	646.390	645.989	646.020
32.0250	646.575	646.791	646.082	646.668	646.390	646.298	646.328	646.483	646.699	646.606
32.5250	646.668	646.236	646.668	646.483	647.007	646.760	647.007	646.976	647.131	646.668
33.0250	647.069	647.254	647.717	646.976	647.501	647.254	647.377	647.377	647.470	647.192
33.5250	648.272	647.624	647.470	647.809	647.254	648.087	648.025	647.871	648.272	647.871
34.0250	648.426	647.748	647.717	648.118	648.920	648.457	648.488	647.871	648.488	648.210
34.5250	648.549	648.395	648.580	649.043	648.549	648.426	649.074	649.074	648.796	648.920
35.0250	648.673	648.889	649.197	649.105	649.074	648.642	648.765	649.536	649.413	649.629
35.5250	649.413	649.290	649.722	648.889	649.598	649.444	649.598	649.660	649.506	649.567
36.0250	650.061	649.845	650.122	650.061	650.431	649.968	650.307	650.092	650.431	650.122
36.5250	650.307	650.277	649.629	650.092	650.277	650.770	651.233	650.215	650.554	650.092
37.0250	650.092	650.862	650.462	650.431	651.017	650.369	650.770	651.356	650.801	651.541
37.5250	650.678	651.048	651.418	651.264	651.233	651.695	650.585	651.603	651.911	652.219
38.0250	652.034	652.466	651.664	652.158	652.188	652.219	651.942	652.373	651.819	651.510
38.5250	652.682	652.312	652.435	652.127	652.466	652.774	651.757	652.836	652.466	653.083
39.0250	652.281	653.391	652.188	652.744	653.175	653.237	652.497	652.682	652.682	653.206
39.5250	653.206	652.713	652.990	653.699	652.774	653.761	653.268	654.223	653.052	653.853
40.0250	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853
40.5250	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853
41.0250	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853
41.5250	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853
42.0250	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853
42.5250	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853
43.0250	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853
43.5250	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853
44.0250	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853
44.5250	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853
45.0250	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853
45.5250	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853
46.0250	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853
46.5250	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853
47.0250	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853
47.5250	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853
48.0250	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853
48.5250	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853
49.0250	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853
49.5250	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) TC3 K RECORD = 35

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0255	641.911	638.698	639.269	639.341	639.094	638.979	639.683	639.106	638.830	638.979
0.5255	639.160	639.117	639.459	638.566	639.404	639.370	638.767	638.569	639.146	638.850
1.0255	638.870	638.631	639.752	639.628	638.859	639.235	639.430	639.513	638.758	638.873
1.5255	639.620	639.381	638.853	639.117	639.261	639.157	638.549	638.732	639.198	639.439
2.0255	638.959	638.437	639.668	639.528	639.332	638.905	639.353	639.413	639.378	639.243
2.5255	639.310	639.381	639.375	638.796	639.401	639.470	639.407	638.985	640.047	639.548
3.0255	639.556	639.100	639.591	639.611	639.246	638.778	640.056	639.533	639.694	639.872
3.5255	639.929	639.886	639.976	639.579	640.357	641.049	640.311	640.561	641.454	641.465
4.0255	641.772	641.686	642.757	643.265	643.890	644.289	645.637	646.515	647.473	648.231
4.5255	649.957	651.686	653.685	655.648	658.505	661.235	664.756	668.192	672.471	676.091
5.0255	679.716	682.424	685.810	688.048	690.075	691.310	693.247	693.859	694.382	695.116
5.5255	696.611	696.948	697.259	697.219	697.993	697.868	697.759	697.499	697.933	697.651
6.0255	697.856	697.619	698.042	698.059	698.005	697.459	697.925	697.668	697.665	697.408
6.5255	698.165	698.085	698.033	697.374	697.908	697.953	697.828	697.293	698.125	698.113
7.0255	697.990	697.768	698.248	698.022	697.591	697.399	698.248	697.782	697.968	697.522
7.5255	698.348	698.093	697.719	697.522	698.119	698.105	698.176	697.862	698.336	698.445
8.0255	698.405	697.510	698.339	698.328	698.142	697.631	698.333	698.448	698.462	698.159
8.5255	698.759	698.219	698.422	698.039	698.796	698.676	698.785	698.451	699.028	698.656
9.0255	698.802	698.553	698.899	698.722	699.176	698.405	699.065	699.119	699.128	698.262
9.5255	699.050	699.039	699.199	698.842	699.442	699.424	699.479	698.893	699.450	699.099
10.0255	699.187	699.053	699.479	699.836	699.365	699.256	699.690	699.533	699.490	699.007
10.5255	699.439	699.647	699.773	698.982	699.862	699.662	699.673	699.176	699.702	699.745
11.0255	699.536	699.356	699.933	700.064	699.802	699.373	699.942	699.707	699.896	699.605
11.5255	700.122	700.005	699.976	699.999	699.785	700.267	699.859	699.470	700.459	700.139
12.0255	700.362	700.019	700.490	700.270	700.113	699.982	700.450	700.504	700.193	700.290
12.5255	700.676	700.724	700.704	700.307	700.658	700.838	700.778	700.279	700.804	700.947
13.0255	701.070	700.327	700.744	700.793	700.864	700.684	700.941	701.264	700.847	701.207
13.5255	701.018	700.750	700.999	700.539	701.004	701.055	701.144	700.838	701.464	701.338
14.0255	701.441	700.693	701.378	701.304	701.396	701.047	701.621	701.887	701.501	701.024
14.5255	701.738	701.655	701.672	701.247	701.953	701.947	702.078	701.213	701.667	701.410
15.0255	701.753	701.401	702.052	701.972	702.030	701.721	702.090	702.153	702.161	701.764
15.5255	702.321	702.470	702.455	702.152	702.384	702.561	702.298	701.772	702.581	702.812
16.0255	702.592	701.995	702.598	702.415	702.832	702.058	702.615	702.675	702.618	702.272
16.5255	702.961	702.689	702.689	702.224	702.732	702.781	702.784	702.581	702.909	703.023
17.0255	703.078	702.547	703.164	702.949	703.369	702.681	703.218	703.301	703.338	702.955
17.5255	703.395	703.520	703.260	702.858	703.338	703.340	703.426	703.006	703.683	703.572
18.0255	703.672	702.861	703.680	703.529	703.926	703.412	703.766	704.134	704.072	703.298
18.5255	703.857	703.857	703.994	703.403	704.200	704.115	704.220	703.863	704.086	704.186
19.0255	704.183	703.857	704.314	704.260	704.451	704.294	704.549	704.617	704.614	704.297
19.5255	704.928	704.531	704.688	704.440	704.860	705.023	704.931	704.620	704.680	705.037
20.0255	705.048	704.923	705.105	705.271	705.334	704.571	705.108	705.337	705.211	704.743
20.5255	705.477	705.559	705.671	705.165	705.391	705.348	705.582	705.274	705.605	706.005
21.0255	705.917	705.431	705.797	706.128	705.634	705.094	705.979	705.951	706.133	705.714
21.5255	706.210	706.082	706.393	705.948	706.225	706.082	706.105	706.116	706.262	706.733
22.0255	706.550	705.819	706.299	706.625	706.330	706.070	706.416	706.781	707.059	706.585
22.5255	706.725	706.927	706.842	706.524	707.064	707.244	707.370	706.859	707.281	707.355
23.0255	707.187	706.662	707.161	707.481	707.398	707.293	707.413	707.727	707.441	707.139
23.5255	707.136	707.484	707.430	707.193	707.715	708.010	708.201	707.396	707.727	707.907
24.0255	707.895	707.715	708.175	708.520	708.352	707.992	708.349	708.463	708.532	707.952
24.5255	708.446	708.426	708.883	708.421	708.312	709.203	709.009	708.452	708.854	708.823

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) TC3 K RECORD = 36

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0255	709.288	708.598	709.214	709.377	709.231	708.535	709.306	709.300	709.194	708.783
25.5255	709.565	709.725	709.602	709.169	709.523	709.762	709.894	709.391	709.845	709.979
26.0255	710.416	709.468	709.014	705.719	701.076	694.225	687.811	681.043	674.566	668.464
26.5255	664.137	660.471	657.026	654.186	652.867	651.557	650.000	649.146	648.890	648.735
27.0255	648.001	647.390	647.422	647.230	647.407	647.020	646.848	647.146	647.198	646.593
27.5255	646.748	646.937	646.541	646.277	646.667	646.991	646.963	646.231	646.555	646.739
28.0255	646.676	646.389	646.564	646.590	647.069	646.386	646.839	647.014	646.894	646.510
28.5255	646.785	646.722	646.963	646.395	646.659	647.189	646.983	646.573	646.900	646.900
29.0255	647.049	646.638	646.779	647.184	646.980	646.455	646.920	647.106	646.802	646.688
29.5255	646.653	647.138	647.336	646.495	647.141	647.003	647.232	647.123	647.146	647.499
30.0255	647.405	646.920	647.350	647.640	647.373	646.954	647.439	647.717	647.680	647.123
30.5255	647.717	647.970	647.548	647.224	647.347	647.668	647.823	647.433	647.952	648.147
31.0255	648.041	647.516	647.878	647.984	648.024	647.691	647.981	648.560	648.205	647.950
31.5255	647.320	648.274	648.130	647.884	648.486	648.618	648.615	648.328	648.549	648.712
32.0255	648.853	648.013	648.604	648.704	648.991	648.701	649.226	649.421	648.905	648.701
32.5255	648.893	649.676	649.510	648.586	649.412	649.484	649.346	648.910	649.567	649.774
33.0255	649.650	649.154	649.418	650.247	649.814	649.372	649.696	649.943	649.969	649.880
33.5255	650.023	649.566	650.318	649.754	650.040	650.075	650.218	649.891	650.298	650.780
34.0255	650.422	649.957	650.304	650.376	650.703	650.146	650.485	650.918	650.932	650.617
34.5255	650.969	651.041	650.849	650.594	650.643	651.179	651.302	650.505	650.878	651.279
35.0255	651.976	650.912	651.291	651.574	651.827	650.975	651.549	652.053	651.795	651.686
35.5255	651.801	651.913	651.999	651.549	651.738	652.366	652.440	651.807	652.326	652.260
36.0255	652.039	651.615	652.245	652.589	652.429	652.400	652.753	652.552	652.481	652.452
36.5255	652.128	652.816	652.836	652.609	653.019	653.444	653.295	652.724	652.985	653.352
37.0255	653.332	652.965	653.507	653.888	653.490	653.097	653.713	653.659	653.750	652.908
37.5255	653.902	653.982	654.083	653.770	653.811	654.100	653.874	653.879	654.051	654.249
38.0255	654.705	653.839	654.450	654.392	654.092	653.985	654.203	654.814	654.542	654.218
38.5255	654.545	654.805	654.605	654.630	654.805	655.235	654.969	654.602	655.040	655.292
39.0255	655.118	654.478	655.009	655.450	655.215	655.106	655.358	655.625	655.545	654.777
39.5255	655.347	655.401	655.619	655.201	655.547	656.098	656.049	655.656	655.740	656.339
40.0255	656.339	656.339	656.339	656.339	656.339	656.339	656.339	656.339	656.339	656.339
40.5255	656.339	656.339	656.339	656.339	656.339	656.339	656.339	656.339	656.339	656.339
41.0255	656.339	656.339	656.339	656.339	656.339	656.339	656.339	656.339	656.339	656.339
41.5255	656.339	656.339	656.339	656.339	656.339	656.339	656.339	656.339	656.339	656.339
42.0255	656.339	656.339	656.339	656.339	656.339	656.339	656.339	656.339	656.339	656.339
42.5255	656.339	656.339	656.339	656.339	656.339	656.339	656.339	656.339	656.339	656.339
43.0255	656.339	656.339	656.339	656.339	656.339	656.339	656.339	656.339	656.339	656.339
43.5255	656.339	656.339	656.339	656.339	656.339	656.339	656.339	656.339	656.339	656.339
44.0255	656.339	656.339	656.339	656.339	656.339	656.339	656.339	656.339	656.339	656.339
44.5255	656.339	656.339	656.339	656.339	656.339	656.339	656.339	656.339	656.339	656.339
45.0255	656.339	656.339	656.339	656.339	656.339	656.339	656.339	656.339	656.339	656.339
45.5255	656.339	656.339	656.339	656.339	656.339	656.339	656.339	656.339	656.339	656.339
46.0255	656.339	656.339	656.339	656.339	656.339	656.339	656.339	656.339	656.339	656.339
46.5255	656.339	656.339	656.339	656.339	656.339	656.339	656.339	656.339	656.339	656.339
47.0255	656.339	656.339	656.339	656.339	656.339	656.339	656.339	656.339	656.339	656.339
47.5255	656.339	656.339	656.339	656.339	656.339	656.339	656.339	656.339	656.339	656.339
48.0255	656.339	656.339	656.339	656.339	656.339	656.339	656.339	656.339	656.339	656.339
48.5255	656.339	656.339	656.339	656.339	656.339	656.339	656.339	656.339	656.339	656.339
49.0255	656.339	656.339	656.339	656.339	656.339	656.339	656.339	656.339	656.339	656.339
49.5255	656.339	656.339	656.339	656.339	656.339	656.339	656.339	656.339	656.339	656.339

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) TC4 K RECORD = 37

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	637.550	637.612	638.230	638.044	637.674	638.446	637.952	637.797	638.168	637.303
0.5250	637.921	637.180	637.396	639.650	637.921	638.508	638.507	638.879	637.612	639.466
1.0250	638.415	638.725	638.199	637.119	637.488	638.323	637.982	638.570	638.323	639.095
1.5250	637.025	638.261	637.458	638.569	637.643	638.415	638.106	637.118	638.076	638.446
2.0250	637.118	637.952	638.137	637.705	637.303	638.384	638.755	637.612	637.767	637.519
2.5250	638.292	637.983	638.694	637.643	637.489	638.817	638.385	637.365	638.261	637.272
3.0250	638.075	638.229	638.724	638.013	637.674	639.156	637.921	639.311	638.137	639.156
3.5250	638.477	638.199	638.353	638.972	639.281	639.713	638.724	639.404	639.868	639.745
4.0250	638.878	640.732	640.670	641.381	641.844	643.081	643.635	644.193	645.710	646.543
4.5250	647.720	649.577	651.213	653.464	655.714	658.827	662.617	664.958	670.038	673.332
5.0250	678.224	682.195	685.984	690.545	693.929	697.648	699.552	702.747	704.467	705.880
5.5250	708.428	710.209	711.192	711.836	713.279	713.525	712.972	713.003	713.586	714.814
6.0250	714.016	715.275	714.415	714.691	714.139	714.968	713.034	715.366	714.323	713.709
6.5250	714.047	715.121	714.016	714.599	714.415	714.998	714.691	714.661	714.722	714.354
7.0250	715.489	714.384	714.660	714.016	714.937	714.661	715.520	714.906	714.016	714.937
7.5250	714.323	714.108	715.582	715.459	714.262	714.875	714.415	715.059	714.477	715.612
8.0250	714.415	715.612	715.459	715.183	715.581	715.857	713.249	714.446	714.538	714.538
8.5250	715.857	715.459	715.428	715.213	714.753	715.182	714.323	715.152	715.704	715.213
9.0250	715.090	714.845	716.042	715.336	715.550	715.274	715.029	716.748	715.827	715.336
9.5250	716.441	714.906	715.366	714.998	716.441	715.090	715.612	717.300	717.607	715.827
10.0250	715.551	715.981	715.796	716.011	717.239	716.748	715.827	715.704	716.441	715.673
10.5250	717.546	717.116	716.656	716.287	716.748	716.564	716.840	716.625	716.134	717.024
11.0250	716.809	717.300	716.011	716.195	717.515	716.625	716.901	717.270	717.699	716.870
11.5250	716.349	717.178	717.607	716.717	717.607	716.625	717.454	717.699	716.963	717.607
12.0250	718.313	716.564	717.331	717.362	717.945	717.208	718.344	718.773	718.528	717.546
12.5250	718.190	718.006	717.546	717.791	717.484	718.682	718.098	717.515	717.270	717.854
13.0250	717.668	719.050	718.160	718.958	718.712	718.068	717.945	717.576	717.331	718.252
13.5250	718.099	718.774	718.068	718.006	718.344	719.880	718.744	717.639	718.559	718.467
14.0250	719.204	718.805	719.234	718.376	718.314	718.161	718.621	718.345	719.941	718.559
14.5250	719.450	718.990	718.866	718.314	719.358	719.143	720.003	719.573	719.419	718.559
15.0250	720.310	720.279	719.850	719.849	718.468	719.635	719.205	719.697	720.341	719.327
15.5250	719.419	720.155	718.775	719.574	719.235	719.756	719.111	719.881	719.789	720.709
16.0250	720.156	721.108	719.174	720.557	719.787	719.757	719.848	720.250	720.648	720.956
16.5250	720.463	719.849	720.156	719.420	720.280	720.402	720.771	720.125	720.465	720.281
17.0250	720.341	721.109	720.924	720.003	720.924	720.310	721.508	720.556	721.323	721.569
17.5250	720.864	720.218	721.078	720.524	721.662	721.663	720.187	721.199	721.294	721.323
18.0250	721.724	721.877	722.153	721.540	720.803	722.860	722.277	721.323	722.523	721.355
18.5250	721.048	722.368	722.308	722.186	721.723	722.952	722.275	721.448	722.892	722.369
19.0250	722.583	721.999	721.877	721.969	723.414	722.369	723.044	722.891	722.460	723.229
19.5250	721.939	722.953	722.735	722.583	722.767	723.137	722.953	723.076	722.092	723.475
20.0250	722.891	723.660	722.954	722.459	723.382	723.814	723.720	723.167	723.014	723.291
20.5250	723.044	724.490	723.936	723.383	725.011	724.090	723.629	724.336	724.121	724.273
21.0250	723.229	724.520	724.274	723.996	724.797	724.764	724.919	724.458	725.289	724.244
21.5250	724.888	724.426	724.365	724.948	724.395	724.828	724.580	724.949	723.904	725.196
22.0250	724.766	723.966	725.534	724.641	724.826	725.103	724.488	725.564	724.057	725.657
22.5250	725.382	725.379	725.227	726.058	724.857	725.259	725.350	725.964	725.503	726.086
23.0250	725.135	726.426	725.748	726.457	725.964	725.810	725.811	725.717	726.241	726.241
23.5250	726.888	725.411	726.055	726.580	725.747	725.718	726.456	726.610	726.302	726.056
24.0250	727.225	726.301	727.226	726.672	727.011	726.454	727.071	726.886	726.978	726.763
24.5250	726.611	727.134	726.332	727.408	727.438	727.007	728.116	727.501	727.654	727.409

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) TC4 K RECORD = 38

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0250	727.348	729.132	727.963	728.301	727.071	728.454	728.609	728.456	727.993	727.932
25.5250	727.469	727.810	728.241	727.839	728.824	729.009	728.241	727.808	727.932	728.887
26.0250	728.732	727.961	729.099	727.317	724.983	719.419	714.876	708.122	702.102	694.729
26.5250	688.049	681.855	676.071	670.870	666.282	662.371	660.060	656.023	654.327	652.385
27.0250	651.644	649.885	649.206	648.433	648.062	647.875	647.163	646.947	646.482	646.204
27.5250	646.576	646.854	646.143	646.544	645.709	646.513	645.554	646.080	645.989	645.926
28.0250	645.369	645.740	645.739	645.926	645.556	645.369	645.896	645.556	645.800	645.245
28.5250	645.926	645.586	646.235	645.679	645.060	645.770	646.173	644.996	645.955	645.401
29.0250	645.647	645.864	646.018	645.306	646.267	645.709	645.924	645.678	645.553	645.831
29.5250	645.676	646.047	645.770	646.420	645.367	646.080	646.327	646.141	645.955	646.079
30.0250	645.863	646.576	646.050	646.327	645.493	646.545	645.740	645.863	646.297	646.018
30.5250	646.358	646.358	646.110	646.203	646.079	646.451	646.358	646.328	646.392	646.204
31.0250	646.328	646.266	647.102	646.234	646.513	646.390	646.698	646.420	646.544	646.854
31.5250	646.916	646.544	646.173	646.451	646.947	647.008	647.937	647.071	646.635	648.058
32.0250	646.946	646.822	646.823	647.256	647.287	647.781	647.379	647.566	647.595	647.070
32.5250	647.256	648.646	647.720	647.840	647.690	647.350	647.318	648.247	647.811	647.348
33.0250	647.999	648.092	647.936	647.875	648.340	648.216	648.029	647.971	647.473	648.030
33.5250	648.959	647.999	648.493	648.371	647.783	647.998	648.216	648.155	649.049	648.772
34.0250	648.372	648.557	648.742	648.497	648.681	649.114	649.112	648.927	648.895	648.803
34.5250	648.682	649.577	649.021	649.606	649.330	648.805	649.485	650.194	648.991	649.699
35.0250	648.990	649.949	649.949	649.485	650.134	649.639	649.330	650.226	650.164	650.349
35.5250	649.886	649.854	650.195	650.350	650.472	650.411	650.163	650.411	650.132	650.103
36.0250	650.781	650.411	650.812	650.936	650.350	650.534	651.151	651.305	650.688	649.979
36.5250	650.657	650.843	650.843	651.028	651.151	651.121	651.521	650.473	650.627	651.522
37.0250	651.583	652.477	650.967	652.107	651.182	651.707	651.676	652.015	651.737	652.046
37.5250	651.738	651.182	651.707	651.644	651.984	651.305	651.984	652.107	651.892	651.861
38.0250	652.046	652.323	652.478	652.385	652.199	651.953	651.859	651.738	652.631	652.415
38.5250	653.002	652.786	653.156	652.786	653.094	652.570	652.632	653.063	653.464	653.125
39.0250	652.847	653.094	652.785	653.464	653.094	653.618	653.556	653.248	653.803	654.019
39.5250	652.570	653.341	653.957	654.728	653.032	654.079	653.896	654.142	653.711	654.543
40.0250	654.543	654.543	654.543	654.543	654.543	654.543	654.543	654.543	654.543	654.543
40.5250	654.543	654.543	654.543	654.543	654.543	654.543	654.543	654.543	654.543	654.543
41.0250	654.543	654.543	654.543	654.543	654.543	654.543	654.543	654.543	654.543	654.543
41.5250	654.543	654.543	654.543	654.543	654.543	654.543	654.543	654.543	654.543	654.543
42.0250	654.543	654.543	654.543	654.543	654.543	654.543	654.543	654.543	654.543	654.543
42.5250	654.543	654.543	654.543	654.543	654.543	654.543	654.543	654.543	654.543	654.543
43.0250	654.543	654.543	654.543	654.543	654.543	654.543	654.543	654.543	654.543	654.543
43.5250	654.543	654.543	654.543	654.543	654.543	654.543	654.543	654.543	654.543	654.543
44.0250	654.543	654.543	654.543	654.543	654.543	654.543	654.543	654.543	654.543	654.543
44.5250	654.543	654.543	654.543	654.543	654.543	654.543	654.543	654.543	654.543	654.543
45.0250	654.543	654.543	654.543	654.543	654.543	654.543	654.543	654.543	654.543	654.543
45.5250	654.543	654.543	654.543	654.543	654.543	654.543	654.543	654.543	654.543	654.543
46.0250	654.543	654.543	654.543	654.543	654.543	654.543	654.543	654.543	654.543	654.543
46.5250	654.543	654.543	654.543	654.543	654.543	654.543	654.543	654.543	654.543	654.543
47.0250	654.543	654.543	654.543	654.543	654.543	654.543	654.543	654.543	654.543	654.543
47.5250	654.543	654.543	654.543	654.543	654.543	654.543	654.543	654.543	654.543	654.543
48.0250	654.543	654.543	654.543	654.543	654.543	654.543	654.543	654.543	654.543	654.543
48.5250	654.543	654.543	654.543	654.543	654.543	654.543	654.543	654.543	654.543	654.543
49.0250	654.543	654.543	654.543	654.543	654.543	654.543	654.543	654.543	654.543	654.543
49.5250	654.543	654.543	654.543	654.543	654.543	654.543	654.543	654.543	654.543	654.543

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) TC5 K RECORD = 39

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	637.016	636.892	637.725	636.460	637.417	637.510	637.880	636.676	637.386	636.830
0.5250	637.819	636.213	637.509	637.510	636.769	636.954	637.633	637.077	637.386	637.571
1.0250	636.954	638.313	637.324	637.725	637.077	636.954	636.738	636.738	637.541	638.837
1.5250	637.324	637.849	637.047	636.923	636.830	636.985	637.232	637.448	637.510	636.645
2.0250	637.232	637.510	638.096	637.479	638.837	637.572	637.572	636.275	638.066	636.799
2.5250	637.448	636.707	637.726	637.695	637.263	637.603	637.942	636.892	638.004	636.799
3.0250	637.263	638.251	638.312	637.664	636.306	638.127	637.479	638.313	636.985	639.362
3.5250	637.510	639.053	637.942	638.436	637.757	638.158	638.467	638.591	638.961	639.671
4.0250	639.702	640.535	640.752	640.659	641.523	643.036	644.054	645.443	646.214	647.356
4.5250	649.978	650.780	653.156	655.657	658.592	661.590	665.995	668.520	674.830	678.215
5.0250	682.952	686.427	691.007	694.450	698.721	702.100	704.895	707.290	709.010	711.619
5.5250	713.124	714.443	715.548	715.949	716.715	718.435	717.699	718.898	717.237	718.312
6.0250	718.160	719.543	718.191	719.265	718.712	718.559	718.958	718.590	719.050	719.450
6.5250	718.252	719.174	718.499	718.159	717.761	719.142	719.082	720.035	719.142	718.344
7.0250	719.603	718.221	719.694	717.575	719.111	718.834	719.910	718.682	719.358	719.143
7.5250	718.129	718.251	718.743	718.987	719.080	718.865	719.540	719.021	719.296	719.634
8.0250	718.560	719.786	718.927	719.633	719.203	720.096	718.589	720.464	719.235	719.787
8.5250	718.835	720.248	719.696	720.279	719.172	719.604	719.848	718.864	720.249	719.296
9.0250	719.542	720.494	719.541	719.725	720.432	720.955	719.909	719.510	720.402	719.818
9.5250	720.094	720.311	720.955	719.543	721.078	720.095	721.139	720.709	720.185	720.248
10.0250	720.924	720.370	720.833	720.678	720.710	721.201	720.801	721.323	720.832	720.647
10.5250	720.402	721.048	720.986	721.445	721.016	721.386	721.170	721.354	721.323	721.108
11.0250	720.985	721.109	721.110	722.153	721.138	721.630	722.308	721.323	721.970	721.601
11.5250	722.186	721.999	721.814	721.293	721.569	721.692	722.800	722.245	722.708	721.354
12.0250	723.074	721.292	722.614	721.907	722.430	722.276	721.568	722.461	722.062	721.845
12.5250	722.305	722.737	721.600	723.198	722.213	723.138	722.275	722.460	722.215	723.107
13.0250	722.460	722.739	722.399	723.782	722.307	722.584	722.490	723.597	722.920	722.522
13.5250	723.167	723.197	722.369	724.272	723.844	724.274	722.981	723.905	723.998	723.167
14.0250	723.660	723.199	723.290	722.767	723.013	722.612	723.412	722.890	723.505	723.505
14.5250	723.444	722.951	724.335	722.673	725.319	723.072	723.782	723.596	723.536	723.474
15.0250	723.720	725.074	723.719	723.782	723.874	724.242	723.719	724.088	724.856	724.522
15.5250	724.396	724.918	723.533	724.519	723.872	724.919	724.578	724.796	723.689	724.334
16.0250	724.456	725.042	724.518	724.057	724.057	724.888	725.288	724.732	725.349	725.255
16.5250	725.286	724.425	725.563	724.979	725.994	724.948	725.381	724.548	724.826	726.239
17.0250	725.440	725.133	725.779	724.917	725.687	725.193	726.240	725.071	725.563	724.827
17.5250	726.701	726.669	725.194	726.855	725.440	725.994	726.363	725.902	726.457	726.886
18.0250	726.085	725.381	726.302	726.518	725.747	726.146	726.915	726.608	727.838	727.132
18.5250	726.146	727.040	726.303	727.593	726.087	728.178	727.745	725.995	727.040	726.611
19.0250	727.409	726.919	727.747	727.102	727.593	727.562	726.547	727.254	728.331	727.592
19.5250	727.347	727.009	726.703	727.286	727.410	727.039	726.854	727.256	727.594	727.503
20.0250	728.452	728.056	727.931	728.023	727.962	728.823	727.808	729.068	728.331	728.610
20.5250	727.195	728.455	728.208	728.212	728.916	729.099	728.518	730.697	729.407	728.732
21.0250	729.101	728.792	729.162	728.762	728.486	728.885	730.145	729.039	730.420	729.808
21.5250	729.469	729.869	728.518	729.409	729.654	729.439	728.579	730.421	729.410	730.084
22.0250	729.715	730.175	729.716	730.207	730.730	730.330	729.471	730.790	730.083	730.085
22.5250	730.270	730.852	730.178	730.881	729.749	730.852	730.485	730.792	730.822	730.299
23.0250	730.177	731.589	731.312	730.975	731.282	730.945	731.619	731.036	731.128	731.098
23.5250	730.914	731.037	731.129	731.312	730.300	731.405	732.080	731.896	731.558	730.792
24.0250	731.957	731.374	732.417	731.558	731.558	731.221	731.895	732.355	733.061	731.896
24.5250	733.521	732.663	732.479	732.693	731.926	732.479	732.264	732.601	733.368	732.847

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) TC5 K RECORD = 40

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0250	732.325	732.815	733.583	733.061	732.785	733.368	732.785	734.717	732.233	733.613
25.5250	732.755	733.583	733.031	732.571	733.828	733.399	733.491	733.583	733.245	733.675
26.0250	734.472	733.552	732.018	730.299	726.576	720.188	715.550	707.843	702.315	694.419
26.5250	687.810	681.660	676.738	670.768	666.457	662.021	659.458	656.151	654.082	653.125
27.0250	651.212	650.563	649.361	649.114	648.991	647.726	647.788	647.757	647.263	647.942
27.5250	646.677	647.016	646.893	647.109	646.492	646.245	646.368	647.232	646.122	647.047
28.0250	646.554	646.677	646.554	645.998	646.523	645.813	646.677	646.029	646.214	646.029
28.5250	646.985	646.153	646.183	646.152	645.597	646.091	646.091	645.597	646.060	645.721
29.0250	646.152	645.690	645.875	646.091	645.690	645.659	646.060	645.381	645.998	645.628
29.5250	645.566	646.337	646.338	645.566	645.690	646.523	646.430	646.029	646.152	645.813
30.0250	645.906	646.800	645.967	646.893	645.875	646.091	645.813	646.245	646.091	646.152
30.5250	646.122	646.399	646.986	645.936	646.770	646.430	646.831	645.967	646.523	646.091
31.0250	646.276	646.430	647.047	646.399	646.152	646.091	646.584	646.153	647.787	646.523
31.5250	647.047	646.399	646.893	646.615	646.800	646.770	646.553	646.955	646.338	646.862
32.0250	646.862	645.998	646.831	646.646	646.924	647.664	646.955	647.325	647.294	647.232
32.5250	646.986	647.386	647.572	648.220	647.201	648.251	646.986	647.911	647.294	647.541
33.0250	647.633	646.769	647.726	647.171	647.232	647.664	648.034	647.140	648.097	647.911
33.5250	648.312	647.788	648.004	648.158	648.837	647.880	648.497	648.281	648.682	648.405
34.0250	648.497	648.343	648.651	648.528	649.115	648.960	648.682	649.299	648.343	648.651
34.5250	648.713	648.929	648.682	648.867	648.837	648.867	649.022	649.607	649.022	648.991
35.0250	649.422	648.620	649.330	649.299	649.854	649.176	649.423	649.299	650.070	649.824
35.5250	649.669	649.669	649.422	649.700	649.792	649.299	649.515	649.669	650.287	649.608
36.0250	649.762	650.101	650.996	650.379	650.225	649.916	650.379	650.378	650.132	650.163
36.5250	650.502	649.546	650.502	650.718	650.563	650.934	651.336	650.749	650.564	650.996
37.0250	650.780	650.996	650.625	650.810	650.502	651.027	651.026	650.965	651.181	651.798
37.5250	651.027	650.904	651.119	651.768	651.675	651.242	651.551	651.768	651.490	651.583
38.0250	651.768	652.014	652.015	652.046	652.446	651.860	652.877	651.952	652.785	651.953
38.5250	652.785	652.106	652.229	652.198	652.570	652.138	652.416	652.786	652.785	653.402
39.0250	653.064	652.631	653.002	652.971	652.940	653.218	652.600	653.156	653.033	653.619
39.5250	653.187	654.052	653.125	653.682	652.600	653.187	653.433	653.803	653.156	653.865
40.0250	653.865	653.865	653.865	653.865	653.865	653.865	653.865	653.865	653.865	653.865
40.5250	653.865	653.865	653.865	653.865	653.865	653.865	653.865	653.865	653.865	653.865
41.0250	653.865	653.865	653.865	653.865	653.865	653.865	653.865	653.865	653.865	653.865
41.5250	653.865	653.865	653.865	653.865	653.865	653.865	653.865	653.865	653.865	653.865
42.0250	653.865	653.865	653.865	653.865	653.865	653.865	653.865	653.865	653.865	653.865
42.5250	653.865	653.865	653.865	653.865	653.865	653.865	653.865	653.865	653.865	653.865
43.0250	653.865	653.865	653.865	653.865	653.865	653.865	653.865	653.865	653.865	653.865
43.5250	653.865	653.865	653.865	653.865	653.865	653.865	653.865	653.865	653.865	653.865
44.0250	653.865	653.865	653.865	653.865	653.865	653.865	653.865	653.865	653.865	653.865
44.5250	653.865	653.865	653.865	653.865	653.865	653.865	653.865	653.865	653.865	653.865
45.0250	653.865	653.865	653.865	653.865	653.865	653.865	653.865	653.865	653.865	653.865
45.5250	653.865	653.865	653.865	653.865	653.865	653.865	653.865	653.865	653.865	653.865
46.0250	653.865	653.865	653.865	653.865	653.865	653.865	653.865	653.865	653.865	653.865
46.5250	653.865	653.865	653.865	653.865	653.865	653.865	653.865	653.865	653.865	653.865
47.0250	653.865	653.865	653.865	653.865	653.865	653.865	653.865	653.865	653.865	653.865
47.5250	653.865	653.865	653.865	653.865	653.865	653.865	653.865	653.865	653.865	653.865
48.0250	653.865	653.865	653.865	653.865	653.865	653.865	653.865	653.865	653.865	653.865
48.5250	653.865	653.865	653.865	653.865	653.865	653.865	653.865	653.865	653.865	653.865
49.0250	653.865	653.865	653.865	653.865	653.865	653.865	653.865	653.865	653.865	653.865
49.5250	653.865	653.865	653.865	653.865	653.865	653.865	653.865	653.865	653.865	653.865

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) TC6 K RECORD = 41

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	637.365	638.106	636.871	637.675	636.655	636.346	637.149	637.149	637.335	637.365
0.5250	636.624	637.705	636.438	637.613	637.736	636.161	637.180	638.446	636.407	637.211
1.0250	637.396	637.026	637.551	637.087	636.624	636.253	637.674	637.489	637.767	636.809
1.5250	637.520	637.643	636.284	638.013	637.797	637.056	638.013	637.241	637.366	637.643
2.0250	636.594	636.469	636.963	637.273	637.025	636.222	636.779	637.736	636.840	637.736
2.5250	636.160	636.562	636.315	636.655	636.716	636.192	637.396	637.550	636.593	637.982
3.0250	637.056	637.087	636.778	637.057	639.187	636.284	637.149	636.964	636.964	637.118
3.5250	636.871	636.902	637.520	639.064	638.940	637.520	638.076	638.508	638.014	638.384
4.0250	638.322	639.156	639.404	640.299	640.578	640.392	641.504	641.906	643.421	643.975
4.5250	645.338	646.946	648.153	650.378	653.803	654.944	659.844	661.785	665.635	668.345
5.0250	671.485	674.101	676.532	677.086	678.655	679.795	681.826	682.565	682.965	683.274
5.5250	684.597	683.982	683.921	683.397	684.044	684.753	684.537	685.215	685.092	685.892
6.0250	685.275	684.661	684.507	685.030	684.352	684.260	686.202	684.569	684.598	684.598
6.5250	684.506	684.231	684.321	685.492	685.062	684.508	684.537	685.986	684.413	684.692
7.0250	684.999	683.827	684.907	685.646	686.048	684.845	685.892	684.753	684.752	684.753
7.5250	686.540	684.969	685.462	685.123	685.708	684.876	684.320	685.307	684.907	685.400
8.0250	685.276	684.784	685.923	686.230	685.708	685.430	686.077	685.185	684.967	685.646
8.5250	685.000	685.153	685.585	685.462	685.370	685.555	686.262	685.740	683.735	686.324
9.0250	685.986	684.815	685.647	684.320	685.708	685.803	685.462	685.093	684.537	686.355
9.5250	685.309	685.460	687.063	685.801	685.246	686.632	686.755	685.956	685.955	686.355
10.0250	685.954	685.614	685.586	685.430	686.108	686.108	685.060	685.861	686.170	686.076
10.5250	686.109	685.523	684.721	685.338	685.893	687.155	685.678	685.801	686.448	685.647
11.0250	686.972	686.202	686.510	686.633	686.110	687.094	687.250	686.355	687.125	686.879
11.5250	686.602	687.217	686.110	686.879	687.125	686.386	686.664	685.830	686.817	686.293
12.0250	687.558	686.602	685.985	687.002	686.509	686.940	687.374	686.016	686.846	686.726
12.5250	687.065	687.187	685.893	686.324	687.434	687.096	687.189	687.710	686.970	687.372
13.0250	686.201	687.033	687.279	686.756	686.571	687.587	686.725	686.508	686.910	686.172
13.5250	686.940	687.556	687.526	687.556	686.417	687.155	688.205	687.527	687.678	686.447
14.0250	688.293	686.540	686.078	687.217	688.326	687.494	687.373	687.927	687.617	687.064
14.5250	688.019	686.479	686.973	688.295	687.495	686.755	687.649	687.186	687.864	688.328
15.0250	687.989	687.371	687.249	687.802	688.051	687.033	688.172	687.557	687.835	687.218
15.5250	687.988	688.266	687.709	687.156	688.296	688.018	688.112	688.052	687.988	688.081
16.0250	689.128	687.370	688.265	687.926	688.142	688.419	688.573	688.235	687.957	688.235
16.5250	689.527	687.989	689.098	688.664	687.894	688.327	688.264	688.513	688.079	687.465
17.0250	688.851	687.893	688.573	688.850	689.065	689.096	689.313	688.081	688.482	689.127
17.5250	689.314	688.357	688.265	688.420	689.252	687.524	689.345	688.914	689.650	689.313
18.0250	688.326	689.744	689.497	688.603	689.160	689.159	689.958	690.637	689.005	690.082
18.5250	689.559	689.312	688.943	689.588	689.683	689.589	690.052	689.774	687.802	689.835
19.0250	688.942	689.682	690.451	690.791	690.082	689.188	689.189	690.114	689.035	690.360
19.5250	689.374	689.160	689.988	690.329	690.388	689.928	689.992	690.760	689.437	690.544
20.0250	689.467	689.652	690.789	690.297	689.743	690.697	690.788	690.852	689.866	690.297
20.5250	691.436	688.883	690.450	689.618	690.328	690.729	690.113	691.004	691.097	691.065
21.0250	690.358	690.419	691.098	690.512	690.019	691.529	691.282	690.789	690.482	691.191
21.5250	690.636	690.420	691.127	690.604	691.218	691.313	692.264	691.342	692.484	691.743
22.0250	691.712	691.404	691.867	692.083	691.712	691.743	691.681	691.772	691.620	692.235
22.5250	692.204	692.266	691.652	691.650	691.497	692.788	690.883	692.296	692.112	692.512
23.0250	691.373	691.589	691.805	691.837	692.973	692.604	691.837	692.852	692.204	691.805
23.5250	691.836	692.604	692.082	692.083	692.666	692.173	693.189	692.820	692.142	692.543
24.0250	693.098	692.389	692.728	693.342	692.080	692.789	692.606	692.637	693.436	693.498
24.5250	692.575	693.867	692.635	693.497	694.451	693.404	692.944	694.880	693.250	694.451

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) TC6 K RECORD = 42

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0250	693.129	692.882	694.143	693.467	693.866	692.913	693.590	694.451	693.621	694.143
25.5250	694.326	694.359	694.081	694.421	693.744	695.095	693.866	695.004	694.237	693.774
26.0250	695.004	695.681	693.590	689.064	684.012	678.379	672.100	667.513	662.370	658.303
26.5250	655.374	653.154	651.118	648.676	648.707	647.009	647.441	645.956	645.739	645.307
27.0250	645.646	644.905	644.317	643.884	644.655	644.658	643.885	644.007	644.195	643.699
27.5250	643.976	643.729	643.790	643.913	643.513	643.975	642.956	643.606	643.637	643.388
28.0250	644.008	643.296	643.483	643.666	643.761	643.605	643.666	643.019	643.544	643.234
28.5250	643.420	644.256	643.730	643.358	643.698	643.265	643.700	643.729	643.729	643.638
29.0250	643.080	643.575	644.192	643.575	644.132	643.388	643.698	644.163	643.667	643.946
29.5250	644.071	644.379	644.100	644.040	644.472	643.946	644.193	644.038	643.976	644.440
30.0250	644.686	644.412	644.224	644.224	644.255	643.172	644.347	644.780	644.368	644.565
30.5250	644.565	644.596	643.854	644.656	644.442	644.380	644.286	644.470	644.379	645.399
31.0250	644.658	644.841	645.091	645.460	644.904	644.844	644.102	645.461	645.246	645.523
31.5250	644.968	644.997	645.338	644.535	645.338	645.554	645.276	645.399	645.120	645.677
32.0250	645.710	645.461	645.802	645.585	645.525	645.835	645.522	646.080	645.832	645.895
32.5250	645.710	645.461	645.895	646.976	646.080	646.793	646.326	646.081	646.018	646.388
33.0250	646.918	645.862	646.513	647.378	646.173	646.791	646.543	646.328	646.823	646.080
33.5250	646.698	646.854	646.141	646.697	646.978	646.854	647.782	647.007	647.472	647.348
34.0250	647.841	646.978	647.315	647.565	647.256	647.101	647.717	647.565	647.596	647.594
34.5250	647.844	647.627	647.658	648.152	647.906	648.243	647.717	648.216	648.154	648.431
35.0250	648.309	649.080	648.494	648.058	648.337	649.605	649.234	648.493	648.245	648.958
35.5250	648.151	648.585	648.677	648.804	648.615	648.927	648.926	649.296	648.832	649.699
36.0250	648.801	649.731	649.266	648.646	649.604	649.298	649.358	649.294	649.328	649.978
36.5250	649.543	649.759	650.315	648.896	650.038	650.007	649.110	650.131	649.391	650.193
37.0250	650.410	650.286	650.811	650.285	650.255	650.996	649.729	650.377	650.317	650.532
37.5250	651.058	651.583	650.872	650.904	650.810	650.256	650.503	650.933	651.429	651.118
38.0250	650.965	650.965	650.254	650.779	651.335	651.860	651.736	650.780	651.151	651.429
38.5250	651.118	651.798	651.427	651.922	651.860	652.045	650.997	651.274	652.046	652.075
39.0250	651.676	652.323	651.429	651.366	652.539	652.569	651.490	652.508	653.248	652.383
39.5250	652.261	652.353	652.693	653.002	653.433	652.909	653.125	652.753	653.402	652.260
40.0250	652.260	652.260	652.260	652.260	652.260	652.260	652.260	652.260	652.260	652.260
40.5250	652.260	652.260	652.260	652.260	652.260	652.260	652.260	652.260	652.260	652.260
41.0250	652.260	652.260	652.260	652.260	652.260	652.260	652.260	652.260	652.260	652.260
41.5250	652.260	652.260	652.260	652.260	652.260	652.260	652.260	652.260	652.260	652.260
42.0250	652.260	652.260	652.260	652.260	652.260	652.260	652.260	652.260	652.260	652.260
42.5250	652.260	652.260	652.260	652.260	652.260	652.260	652.260	652.260	652.260	652.260
43.0250	652.260	652.260	652.260	652.260	652.260	652.260	652.260	652.260	652.260	652.260
43.5250	652.260	652.260	652.260	652.260	652.260	652.260	652.260	652.260	652.260	652.260
44.0250	652.260	652.260	652.260	652.260	652.260	652.260	652.260	652.260	652.260	652.260
44.5250	652.260	652.260	652.260	652.260	652.260	652.260	652.260	652.260	652.260	652.260
45.0250	652.260	652.260	652.260	652.260	652.260	652.260	652.260	652.260	652.260	652.260
45.5250	652.260	652.260	652.260	652.260	652.260	652.260	652.260	652.260	652.260	652.260
46.0250	652.260	652.260	652.260	652.260	652.260	652.260	652.260	652.260	652.260	652.260
46.5250	652.260	652.260	652.260	652.260	652.260	652.260	652.260	652.260	652.260	652.260
47.0250	652.260	652.260	652.260	652.260	652.260	652.260	652.260	652.260	652.260	652.260
47.5250	652.260	652.260	652.260	652.260	652.260	652.260	652.260	652.260	652.260	652.260
48.0250	652.260	652.260	652.260	652.260	652.260	652.260	652.260	652.260	652.260	652.260
48.5250	652.260	652.260	652.260	652.260	652.260	652.260	652.260	652.260	652.260	652.260
49.0250	652.260	652.260	652.260	652.260	652.260	652.260	652.260	652.260	652.260	652.260
49.5250	652.260	652.260	652.260	652.260	652.260	652.260	652.260	652.260	652.260	652.260

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) TC7 K RECORD = 43

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0255	642.269	639.384	639.519	639.628	639.531	639.315	639.812	639.884	643.516	639.516
0.5255	639.447	639.723	639.275	639.809	639.571	639.878	639.599	639.760	639.717	639.686
1.0255	639.433	639.640	639.556	639.476	639.482	639.637	639.657	639.823	638.740	639.493
1.5255	639.792	639.433	639.120	639.622	639.511	639.539	639.462	639.711	639.617	639.706
2.0255	639.229	639.634	639.849	639.912	639.571	639.620	639.645	639.708	655.302	639.519
2.5255	639.901	639.757	639.557	639.490	639.895	639.869	639.247	639.424	639.493	639.809
3.0255	639.447	639.485	639.614	639.749	639.465	639.720	639.927	639.947	639.731	640.208
3.5255	640.041	640.024	639.938	640.354	640.271	640.681	640.348	640.753	641.269	641.528
4.0255	641.355	641.725	642.509	642.893	643.289	643.948	644.774	645.124	645.833	647.175
4.5255	648.820	650.405	652.228	654.652	657.176	659.637	662.878	666.974	670.239	673.815
5.0255	676.927	679.929	682.168	684.578	685.912	687.564	688.581	689.413	689.581	690.549
5.5255	691.378	691.518	691.550	692.187	692.255	692.407	692.315	694.873	692.071	692.875
6.0255	692.301	692.772	692.727	692.510	692.290	692.627	692.424	692.341	692.255	692.441
6.5255	692.447	692.855	692.127	692.721	692.681	692.484	692.110	692.704	692.581	692.604
7.0255	692.212	692.752	692.521	692.441	692.172	692.795	692.595	692.858	692.078	692.778
7.5255	692.686	692.915	692.447	692.798	692.770	692.621	692.472	692.610	692.789	692.829
8.0255	692.467	693.098	693.341	693.169	692.532	693.232	693.281	693.047	692.715	693.144
8.5255	693.215	693.189	693.038	693.084	693.335	693.526	692.767	692.884	693.155	693.401
9.0255	693.061	693.109	693.092	693.418	693.135	693.315	693.589	693.441	693.244	693.738
9.5255	693.572	693.621	693.189	693.592	693.600	694.112	693.115	693.638	693.581	693.738
10.0255	693.401	693.732	693.626	693.649	693.264	693.346	693.692	693.904	693.778	693.886
10.5255	693.652	694.366	693.721	694.141	694.015	694.083	693.538	693.863	694.038	693.978
11.0255	693.723	693.849	694.223	693.975	694.009	693.986	693.898	694.592	694.078	694.135
11.5255	694.332	694.515	694.038	694.203	694.263	694.543	694.081	694.149	694.340	694.609
12.0255	694.166	694.575	694.620	694.957	694.192	694.566	694.712	694.595	694.183	694.835
12.5255	694.812	694.832	694.421	694.760	694.580	694.677	694.400	694.843	694.760	694.749
13.0255	694.477	694.617	694.637	694.835	694.800	694.812	694.823	695.112	694.680	694.829
13.5255	695.060	694.980	694.877	695.029	695.246	695.189	694.872	695.186	695.332	695.286
14.0255	694.892	695.215	695.577	695.600	695.043	695.320	695.080	695.766	695.223	695.143
14.5255	695.511	695.574	695.309	695.631	695.471	[illegible]5.640	695.123	695.477	695.546	695.583
15.0255	694.351	695.540	695.948	696.091	695.660	[illegible].936	695.934	695.994	695.7e3	695.980
15.5255	695.888	695.971	695.571	695.720	696.134	696.297	695.422	703.410	696.285	695.642
16.0255	695.948	696.168	696.231	696.431	695.877	696.402	696.517	696.377	695.763	696.214
16.5255	696.308	696.702	696.220	696.437	696.594	696.443	696.220	696.251	696.877	696.834
17.0255	696.317	696.400	696.637	696.319	696.491	696.599	696.780	696.717	696.177	696.571
17.5255	697.034	696.805	696.642	696.657	696.979	697.036	696.825	696.036	697.219	697.248
18.0255	697.062	697.328	697.399	697.216	696.837	697.042	697.131	697.159	697.002	697.185
18.5255	697.571	697.196	696.968	697.239	698.033	697.662	697.082	697.982	697.976	697.770
19.0255	697.502	697.750	697.842	697.465	697.733	697.924	697.868	697.907	697.745	697.816
19.5255	698.030	698.127	697.502	697.810	697.999	697.309	697.787	698.047	698.199	698.436
20.0255	697.936	698.364	698.459	698.427	698.090	698.199	698.330	698.627	698.147	698.459
20.5255	698.861	698.687	698.393	698.533	698.793	698.416	698.590	698.901	698.707	698.910
21.0255	698.441	698.567	699.181	699.235	698.453	698.958	698.990	699.115	698.499	698.938
21.5255	699.221	699.030	698.687	699.015	699.292	699.170	699.095	699.129	699.292	699.461
22.0255	699.141	699.449	699.592	699.746	699.424	699.084	699.880	699.689	699.481	699.495
22.5255	699.683	699.832	699.527	699.903	699.866	700.023	699.775	700.049	700.200	699.906
23.0255	699.889	700.040	700.212	700.172	700.058	700.337	700.232	700.063	700.212	700.243
23.5255	700.532	700.335	700.354	700.517	700.660	700.597	700.255	700.783	700.871	700.865
24.0255	700.452	700.820	701.071	701.066	700.372	701.037	701.382	701.017	700.723	701.000
24.5255	701.400	701.351	700.903	701.331	701.388	701.499	701.125	701.231	701.608	701.748

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) TC7 K RECORD = 44

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0255	701.374	701.482	701.634	701.722	701.614	701.893	701.725	702.042	701.554	701.979
25.5255	702.247	701.742	701.842	702.236	701.962	702.110	701.639	702.236	702.619	702.610
26.0255	702.239	702.042	701.108	697.396	691.209	684.920	678.597	672.388	666.903	662.723
26.5255	659.614	657.010	654.552	653.526	652.093	651.237	649.818	649.247	649.207	648.588
27.0255	648.221	648.238	647.952	647.656	647.241	647.436	646.808	646.828	646.544	646.375
27.5255	646.294	646.231	646.200	646.234	646.300	646.065	645.646	646.360	646.403	646.335
28.0255	646.059	646.289	646.363	646.140	645.982	646.501	646.292	646.096	645.761	646.312
28.5255	645.982	646.481	645.566	645.999	646.727	646.406	646.380	646.271	646.214	646.312
29.0255	646.188	646.323	646.558	646.833	646.380	646.567	646.839	646.710	646.375	646.957
29.5255	646.865	647.028	646.593	646.959	647.011	646.868	646.819	646.902	647.241	647.054
30.0255	647.051	646.828	647.413	647.444	647.146	647.120	647.284	647.284	647.054	647.106
30.5255	647.120	647.499	647.100	647.565	647.278	647.507	647.424	647.582	647.476	647.659
31.0255	647.309	647.676	647.900	647.837	647.484	647.662	648.012	648.069	647.760	648.442
31.5255	648.258	647.937	647.865	648.201	648.367	648.574	647.805	648.161	648.594	648.534
32.0255	648.069	648.367	648.720	648.815	648.362	648.651	649.216	648.817	648.327	648.608
32.5255	648.628	649.460	648.915	649.242	648.946	649.161	648.717	648.760	649.319	649.746
33.0255	648.987	648.889	649.388	649.557	649.170	649.299	649.574	649.672	649.250	649.766
33.5255	649.689	649.907	649.591	649.497	649.749	650.188	649.525	649.835	649.849	650.222
34.0255	649.686	650.065	650.741	650.646	650.477	650.305	650.365	650.385	650.325	650.385
34.5255	650.695	650.655	650.500	650.236	650.603	650.936	650.443	650.933	651.133	651.022
35.0255	650.844	650.873	651.068	651.403	650.921	650.959	651.535	651.801	651.320	651.099
35.5255	651.641	652.062	651.314	651.589	651.678	651.985	651.747	651.833	651.752	651.836
36.0255	651.566	651.738	651.990	652.145	651.603	652.564	652.374	652.331	652.079	652.885
36.5255	652.460	652.632	652.334	652.420	652.661	652.764	652.334	652.578	652.776	652.990
37.0255	652.721	652.761	652.644	653.240	652.592	653.114	653.323	653.415	653.134	653.489
37.5255	653.475	653.681	653.340	653.171	653.641	654.071	653.604	653.581	653.081	654.071
38.0255	653.555	653.604	654.097	654.306	653.564	654.042	654.480	654.658	654.059	654.833
38.5255	654.529	654.598	654.174	654.409	654.667	654.824	654.257	654.776	655.088	655.151
39.0255	654.718	655.117	654.990	654.976	655.114	654.850	655.266	655.692	654.896	655.154
39.5255	655.615	655.907	655.248	655.300	654.473	655.664	655.125	655.715	655.833	655.607
40.0255	655.607	655.607	655.607	655.607	655.607	655.607	655.607	655.607	655.607	655.607
40.5255	655.607	655.607	655.607	655.607	655.607	655.607	655.607	655.607	655.607	655.607
41.0255	655.607	655.607	655.607	655.607	655.607	655.607	655.607	655.607	655.607	655.607
41.5255	655.607	655.607	655.607	655.607	655.607	655.607	655.607	655.607	655.607	655.607
42.0255	655.607	655.607	655.607	655.607	655.607	655.607	655.607	655.607	655.607	655.607
42.5255	655.607	655.607	655.607	655.607	655.607	655.607	655.607	655.607	655.607	655.607
43.0255	655.607	655.607	655.607	655.607	655.607	655.607	655.607	655.607	655.607	655.607
43.5255	655.607	655.607	655.607	655.607	655.607	655.607	655.607	655.607	655.607	655.607
44.0255	655.607	655.607	655.607	655.607	655.607	655.607	655.607	655.607	655.607	655.607
44.5255	655.607	655.607	655.607	655.607	655.607	655.607	655.607	655.607	655.607	655.607
45.0255	655.607	655.607	655.607	655.607	655.607	655.607	655.607	655.607	655.607	655.607
45.5255	655.607	655.607	655.607	655.607	655.607	655.607	655.607	655.607	655.607	655.607
46.0255	655.607	655.607	655.607	655.607	655.607	655.607	655.607	655.607	655.607	655.607
46.5255	655.607	655.607	655.607	655.607	655.607	655.607	655.607	655.607	655.607	655.607
47.0255	655.607	655.607	655.607	655.607	655.607	655.607	655.607	655.607	655.607	655.607
47.5255	655.607	655.607	655.607	655.607	655.607	655.607	655.607	655.607	655.607	655.607
48.0255	655.607	655.607	655.607	655.607	655.607	655.607	655.607	655.607	655.607	655.607
48.5255	655.607	655.607	655.607	655.607	655.607	655.607	655.607	655.607	655.607	655.607
49.0255	655.607	655.607	655.607	655.607	655.607	655.607	655.607	655.607	655.607	655.607
49.5255	655.607	655.607	655.607	655.607	655.607	655.607	655.607	655.607	655.607	655.607

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) TC8 K RECORD = 45

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	638.004	637.880	637.819	638.065	638.251	637.016	637.911	637.942	638.281	638.313
0.5250	638.498	637.880	638.807	638.830	638.251	637.911	637.880	638.498	636.584	637.757
1.0250	637.603	638.158	637.078	637.942	637.201	637.509	637.602	637.818	637.973	637.818
1.5250	637.757	638.961	637.571	638.251	637.819	637.386	637.757	638.250	637.510	637.139
2.0250	637.942	637.602	638.004	637.170	637.077	637.695	638.189	637.417	637.849	637.603
2.5250	638.652	637.016	637.849	637.572	638.529	637.201	637.664	637.664	637.293	638.220
3.0250	637.355	637.325	637.170	637.541	637.881	638.899	637.109	637.633	638.313	638.405
3.5250	637.973	638.281	638.652	637.973	638.807	638.313	639.054	639.146	639.733	639.949
4.0250	639.856	640.597	641.647	640.875	641.215	642.511	643.128	644.424	645.350	645.813
4.5250	648.312	649.330	651.150	653.709	656.089	658.872	663.007	666.088	669.598	673.907
5.0250	677.938	680.615	683.260	685.504	687.964	688.456	690.485	691.038	692.298	693.405
5.5250	693.681	694.265	694.511	694.112	694.327	694.880	694.665	694.911	695.525	695.740
6.0250	695.187	695.556	694.849	695.679	695.310	693.958	695.986	695.156	694.696	695.863
6.5250	694.972	695.033	695.494	695.710	695.648	694.542	695.249	694.695	696.232	694.696
7.0250	694.818	695.587	695.310	695.464	695.709	695.156	696.508	694.511	695.648	695.771
7.5250	695.771	696.263	695.064	695.156	695.617	695.464	694.788	694.849	695.525	695.556
8.0250	695.986	695.279	695.341	696.262	694.757	696.232	695.833	695.464	695.433	695.064
8.5250	694.573	696.293	694.972	695.709	696.355	695.648	695.832	696.877	695.033	695.894
9.0250	695.464	695.986	695.648	695.955	696.478	696.416	695.925	696.324	695.802	696.693
9.5250	695.341	695.802	696.600	696.355	696.631	695.986	695.279	695.740	696.263	695.740
10.0250	695.402	696.047	695.955	695.832	697.061	697.246	696.263	697.737	696.478	697.338
10.5250	697.184	696.048	696.447	697.123	697.154	697.246	696.600	696.017	696.847	696.631
11.0250	696.293	696.846	696.693	697.553	697.430	697.000	696.846	697.276	696.662	697.615
11.5250	697.154	696.693	696.754	696.846	697.277	696.693	696.263	697.338	698.045	696.416
12.0250	697.092	696.539	697.553	697.307	697.891	697.768	697.799	696.662	698.843	698.475
12.5250	696.969	697.922	697.953	698.167	698.045	697.584	697.399	697.738	697.768	697.399
13.0250	698.997	697.246	697.707	698.628	697.430	698.075	698.198	698.352	698.167	698.413
13.5250	698.874	699.335	698.290	697.584	697.522	697.430	698.290	697.215	698.229	697.768
14.0250	698.291	697.645	698.659	697.461	699.089	697.737	697.922	698.567	698.936	697.768
14.5250	699.028	697.645	698.444	698.690	697.952	697.922	699.673	697.799	698.383	697.676
15.0250	699.826	699.519	699.058	699.489	698.536	698.843	698.721	700.103	698.352	699.243
15.5250	698.782	699.089	699.089	699.181	698.721	699.458	699.304	699.796	698.966	699.519
16.0250	699.212	698.997	698.843	700.318	699.028	699.427	699.765	699.089	699.396	699.519
16.5250	699.427	699.704	699.335	698.721	699.120	699.642	699.765	699.796	699.366	698.874
17.0250	700.779	698.874	700.625	699.366	700.318	699.765	699.980	699.458	700.687	700.625
17.5250	700.256	700.349	699.335	699.857	699.581	699.642	700.748	700.410	700.318	700.379
18.0250	700.164	700.656	700.932	699.949	700.256	700.809	700.932	700.349	701.147	700.349
18.5250	700.349	701.270	701.086	700.318	699.949	701.393	701.086	700.165	701.301	701.025
19.0250	701.946	701.178	701.670	701.025	700.871	700.594	700.502	701.608	700.349	701.055
19.5250	701.147	701.792	701.055	701.240	700.902	701.178	701.239	701.854	701.086	700.963
20.0250	701.240	701.608	701.424	702.130	701.024	701.547	701.270	702.222	701.854	702.253
20.5250	702.131	702.069	702.253	701.147	701.639	702.315	702.192	702.161	702.561	702.837
21.0250	701.946	701.977	702.069	702.622	702.806	702.898	703.144	701.700	703.021	702.714
21.5250	703.021	702.253	703.820	701.916	703.083	702.929	702.990	703.236	703.850	703.236
22.0250	702.683	702.192	703.574	702.898	703.052	703.451	702.745	702.653	703.175	702.591
22.5250	703.144	703.359	702.775	702.990	703.636	703.205	703.421	702.591	702.591	704.956
23.0250	702.898	703.574	703.943	703.758	704.434	703.850	704.157	704.342	704.280	703.727
23.5250	704.925	704.802	704.096	703.881	703.267	704.526	704.465	704.618	704.280	703.697
24.0250	705.202	704.618	704.925	704.035	704.342	704.465	705.724	704.833	705.048	704.925
24.5250	704.557	705.171	705.110	704.864	705.018	705.202	705.448	705.417	704.281	705.662

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) TC8 K RECORD = 46

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0250	705.386	705.908	705.601	706.154	705.724	705.325	705.847	706.184	705.755	706.276
25.5250	705.785	706.584	706.707	705.908	705.417	706.215	706.123	705.785	706.768	705.632
26.0250	707.013	706.522	705.263	701.669	696.969	689.194	683.598	676.861	670.090	664.979
26.5250	661.312	657.945	655.440	652.629	651.149	649.669	649.114	647.664	647.633	646.893
27.0250	647.109	646.060	646.368	645.350	645.813	645.350	645.165	645.473	644.856	645.196
27.5250	645.196	645.875	644.857	645.103	644.795	645.196	644.517	644.702	644.548	645.628
28.0250	645.165	644.394	645.227	644.548	645.103	644.363	645.567	644.671	644.177	644.949
28.5250	644.764	645.196	644.702	644.239	644.641	644.332	645.010	645.289	644.610	644.641
29.0250	644.517	644.579	645.350	644.949	645.258	644.887	644.455	645.412	644.949	645.103
29.5250	644.826	644.795	645.227	644.424	644.949	644.856	645.875	645.628	645.165	644.671
30.0250	645.628	645.597	645.505	646.245	645.319	645.227	645.288	645.720	645.628	646.122
30.5250	645.597	645.905	645.659	646.122	645.042	645.535	646.461	645.875	646.122	645.998
31.0250	646.091	646.060	645.998	645.967	646.029	645.659	645.813	646.399	646.368	646.245
31.5250	646.091	646.584	646.245	645.937	646.893	646.615	646.121	647.047	646.368	646.708
32.0250	646.615	647.232	646.615	647.232	646.368	646.924	646.985	647.695	647.109	646.769
32.5250	646.831	648.189	647.170	646.954	647.417	647.294	647.602	647.756	647.787	647.602
33.0250	647.510	646.893	647.294	647.880	647.324	647.633	647.972	648.158	648.343	647.880
33.5250	647.695	647.695	648.127	647.602	648.281	647.818	648.312	648.404	649.114	648.651
34.0250	648.651	648.219	649.267	648.775	648.898	648.960	648.466	648.990	648.188	648.713
34.5250	648.929	649.022	648.805	649.299	648.497	649.021	648.867	649.237	649.114	648.836
35.0250	649.422	649.145	649.175	649.330	648.929	649.361	649.885	649.361	649.299	649.761
35.5250	650.008	650.626	649.175	649.607	650.409	649.731	650.162	649.700	650.472	650.286
36.0250	649.916	650.471	649.885	650.286	650.595	650.317	649.916	650.162	650.625	650.471
36.5250	650.347	651.150	650.779	650.779	651.273	650.964	651.273	650.810	650.995	650.841
37.0250	651.304	650.871	651.550	651.767	650.964	651.180	651.303	651.396	651.735	651.427
37.5250	651.550	651.920	651.982	651.272	651.457	652.322	651.921	651.334	651.982	652.353
38.0250	651.890	651.673	651.767	651.581	652.507	652.321	653.311	651.921	653.248	652.475
38.5250	652.939	652.754	652.076	652.661	652.662	653.526	652.938	652.321	653.000	653.679
39.0250	652.784	652.723	653.092	653.557	653.093	653.556	652.877	653.432	652.816	653.712
39.5250	653.402	653.371	653.709	653.926	653.586	654.142	653.926	654.142	653.895	654.729
40.0250	654.729	654.729	654.729	654.729	654.729	654.729	654.729	654.729	654.729	654.729
40.5250	654.729	654.729	654.729	654.729	654.729	654.729	654.729	654.729	654.729	654.729
41.0250	654.729	654.729	654.729	654.729	654.729	654.729	654.729	654.729	654.729	654.729
41.5250	654.729	654.729	654.729	654.729	654.729	654.729	654.729	654.729	654.729	654.729
42.0250	654.729	654.729	654.729	654.729	654.729	654.729	654.729	654.729	654.729	654.729
42.5250	654.729	654.729	654.729	654.729	654.729	654.729	654.729	654.729	654.729	654.729
43.0250	654.729	654.729	654.729	654.729	654.729	654.729	654.729	654.729	654.729	654.729
43.5250	654.729	654.729	654.729	654.729	654.729	654.729	654.729	654.729	654.729	654.729
44.0250	654.729	654.729	654.729	654.729	654.729	654.729	654.729	654.729	654.729	654.729
44.5250	654.729	654.729	654.729	654.729	654.729	654.729	654.729	654.729	654.729	654.729
45.0250	654.729	654.729	654.729	654.729	654.729	654.729	654.729	654.729	654.729	654.729
45.5250	654.729	654.729	654.729	654.729	654.729	654.729	654.729	654.729	654.729	654.729
46.0250	654.729	654.729	654.729	654.729	654.729	654.729	654.729	654.729	654.729	654.729
46.5250	654.729	654.729	654.729	654.729	654.729	654.729	654.729	654.729	654.729	654.729
47.0250	654.729	654.729	654.729	654.729	654.729	654.729	654.729	654.729	654.729	654.729
47.5250	654.729	654.729	654.729	654.729	654.729	654.729	654.729	654.729	654.729	654.729
48.0250	654.729	654.729	654.729	654.729	654.729	654.729	654.729	654.729	654.729	654.729
48.5250	654.729	654.729	654.729	654.729	654.729	654.729	654.729	654.729	654.729	654.729
49.0250	654.729	654.729	654.729	654.729	654.729	654.729	654.729	654.729	654.729	654.729
49.5250	654.729	654.729	654.729	654.729	654.729	654.729	654.729	654.729	654.729	654.729

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) TC9 K RECORD = 47

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	637.047	637.448	638.127	637.417	637.664	637.633	637.757	637.788	637.417	637.572
0.5250	636.954	636.645	636.460	638.004	636.553	637.417	638.281	637.602	638.683	637.417
1.0250	638.529	637.417	638.714	637.633	637.603	637.170	637.355	637.695	636.892	638.220
1.5250	637.911	636.954	637.633	637.973	637.510	638.004	636.923	637.911	638.220	637.139
2.0250	638.158	637.818	638.035	638.127	637.139	636.831	637.849	637.819	638.251	638.652
2.5250	638.251	638.004	638.096	637.386	637.201	637.047	637.849	638.529	638.683	637.911
3.0250	637.417	638.529	638.220	638.344	636.275	638.004	639.146	637.788	637.201	637.819
3.5250	638.313	638.374	637.973	638.807	638.158	638.652	639.054	638.992	639.362	638.930
4.0250	640.289	640.319	640.906	641.986	641.523	642.881	643.776	644.424	645.659	646.924
4.5250	647.880	649.453	651.242	653.310	656.182	659.150	662.576	665.595	670.090	675.046
5.0250	678.646	683.106	688.640	691.591	693.896	697.707	700.226	702.714	705.447	707.075
5.5250	707.935	709.286	711.251	711.742	712.571	712.694	713.553	712.970	714.014	714.383
6.0250	713.400	714.106	714.874	714.198	714.566	713.799	713.953	714.658	714.474	714.750
6.5250	714.321	714.597	714.751	714.045	714.290	714.781	714.720	714.167	714.598	714.628
7.0250	713.953	713.953	715.119	714.352	714.045	714.321	714.505	714.812	714.566	714.229
7.5250	713.584	714.075	714.935	713.707	714.014	715.027	714.996	715.272	714.781	715.027
8.0250	714.874	715.334	715.272	715.825	715.549	714.352	715.180	715.242	714.536	714.843
8.5250	714.996	714.996	715.794	714.996	715.426	715.273	714.505	714.843	715.303	714.873
9.0250	715.457	715.272	715.304	715.365	715.518	715.303	714.904	715.273	715.457	715.365
9.5250	715.825	715.764	715.303	715.794	715.764	715.978	715.518	715.672	715.948	715.733
10.0250	715.242	715.978	716.132	715.211	716.286	715.672	715.549	715.886	716.316	715.518
10.5250	716.470	715.672	715.242	716.347	715.334	715.917	716.163	716.224	716.500	716.439
11.0250	715.886	716.224	716.316	715.518	716.101	716.071	716.377	716.408	716.899	716.285
11.5250	716.255	716.347	716.808	716.930	716.777	717.114	716.869	716.838	717.175	716.684
12.0250	717.329	716.531	717.422	716.777	717.206	717.053	717.360	716.869	716.715	716.654
12.5250	717.575	716.930	717.146	716.838	717.513	716.531	717.053	717.575	717.605	717.728
13.0250	717.421	717.974	717.298	717.544	717.728	717.605	717.053	718.067	717.268	717.790
13.5250	716.623	718.250	717.728	718.372	717.697	717.360	718.005	717.943	717.820	717.667
14.0250	717.944	717.881	717.514	718.250	718.742	718.679	717.513	718.496	719.355	718.188
14.5250	718.220	718.372	718.618	718.557	718.835	718.557	718.925	718.373	718.127	718.557
15.0250	718.280	718.803	718.404	718.250	719.263	718.464	718.741	718.495	718.280	719.663
15.5250	718.618	718.372	718.957	719.170	718.986	718.895	719.540	719.387	718.404	719.662
16.0250	719.202	719.848	719.171	719.877	719.387	719.910	719.171	719.355	718.928	719.971
16.5250	719.939	719.202	719.295	719.018	720.246	719.633	719.480	720.001	719.971	719.723
17.0250	719.909	719.755	720.430	719.786	720.370	719.818	720.217	719.540	720.863	719.416
17.5250	719.908	719.693	720.277	721.354	720.800	720.586	720.925	720.156	719.939	720.525
18.0250	720.954	720.493	719.910	721.353	720.707	720.554	720.371	721.200	719.632	720.523
18.5250	721.170	720.370	720.247	721.353	720.923	721.600	720.432	720.860	721.509	720.983
19.0250	721.353	721.046	721.938	721.445	720.800	721.076	722.031	721.814	721.075	721.355
19.5250	721.661	721.938	722.459	721.077	721.877	721.629	722.091	720.861	721.783	721.721
20.0250	722.829	722.274	721.876	722.460	721.844	722.030	722.306	722.338	722.860	722.429
20.5250	721.907	722.275	722.092	722.674	722.213	721.938	722.060	722.305	722.644	723.198
21.0250	722.398	723.291	723.044	722.829	723.135	722.706	722.460	723.505	723.106	722.920
21.5250	723.013	722.644	723.968	724.121	723.382	722.920	723.227	722.797	723.998	723.044
22.0250	723.228	723.166	723.506	724.182	723.874	723.936	724.060	723.505	724.427	724.488
22.5250	724.398	723.845	723.074	724.181	724.120	723.411	723.166	723.689	723.750	724.396
23.0250	724.490	724.643	723.688	724.858	723.933	724.734	724.982	724.366	723.842	724.241
23.5250	724.640	724.888	724.641	724.673	725.011	725.657	725.288	724.950	725.381	725.349
24.0250	725.782	725.073	724.919	725.903	725.103	725.596	725.227	724.704	726.487	725.564
24.5250	725.471	726.179	725.751	725.995	726.210	725.932	726.240	725.626	725.504	726.518

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) TC9 K RECORD = 48

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0250	727.039	726.671	726.333	726.180	726.272	727.903	727.070	727.378	726.427	726.735
25.5250	727.195	726.824	726.794	727.840	727.409	727.719	727.286	727.317	727.319	727.963
26.0250	727.994	726.978	727.317	725.503	721.967	717.145	712.571	705.570	700.164	693.159
26.5250	687.319	680.276	675.907	670.214	666.611	662.330	658.531	656.491	653.895	652.568
27.0250	651.458	650.101	649.083	648.806	648.065	647.633	647.109	647.140	646.615	646.646
27.5250	646.430	646.214	645.813	646.368	645.721	645.844	645.628	645.751	645.844	645.628
28.0250	645.443	645.597	645.320	645.659	645.474	645.597	646.029	645.165	645.227	645.258
28.5250	645.690	645.011	645.350	645.258	645.412	645.505	645.936	645.165	645.566	645.443
29.0250	645.721	645.011	645.628	645.320	645.782	645.752	645.566	645.196	644.980	646.029
29.5250	645.412	645.381	645.412	645.906	644.949	645.103	645.505	645.751	645.906	645.227
30.0250	645.505	646.183	645.628	645.875	646.060	646.183	645.782	645.936	646.029	645.751
30.5250	645.813	645.875	646.029	645.690	646.183	645.628	645.967	646.122	645.813	645.751
31.0250	645.690	646.245	646.646	646.584	646.523	646.307	646.338	646.060	646.276	646.461
31.5250	647.078	646.153	646.862	646.461	646.801	646.986	646.646	646.924	646.369	646.461
32.0250	647.047	646.461	646.615	647.047	646.924	647.479	646.955	646.739	647.572	647.047
32.5250	647.356	647.232	647.263	647.849	647.140	646.862	647.140	646.461	647.726	647.479
33.0250	647.263	647.387	647.911	646.523	647.479	647.479	648.312	647.232	648.312	647.634
33.5250	647.911	647.849	648.127	648.189	647.078	648.065	647.325	647.942	648.281	648.250
34.0250	648.560	647.942	648.651	648.405	648.436	648.158	648.528	648.528	648.682	649.146
34.5250	648.651	648.836	648.867	648.806	648.559	649.176	649.392	649.855	649.392	649.176
35.0250	649.145	649.638	649.299	648.929	649.793	649.207	649.423	650.225	649.700	649.330
35.5250	649.299	649.299	649.700	649.978	649.855	649.700	650.409	649.762	649.608	649.638
36.0250	650.934	649.669	650.348	649.762	650.070	650.101	650.071	650.688	650.317	650.040
36.5250	650.625	650.348	650.718	650.842	650.379	651.088	649.854	650.780	651.026	650.811
37.0250	650.779	651.242	650.101	651.180	650.934	650.162	651.334	650.749	651.273	651.211
37.5250	651.489	651.674	651.119	652.045	651.612	651.860	651.519	651.119	651.612	651.859
38.0250	652.075	652.322	652.476	651.643	651.305	651.489	652.013	652.075	652.168	652.477
38.5250	651.829	652.167	652.508	652.415	652.601	651.952	652.507	653.247	652.385	652.631
39.0250	653.187	652.261	652.940	652.939	652.787	652.785	653.216	653.279	653.062	652.630
39.5250	653.002	652.940	653.619	652.879	653.063	653.589	653.372	653.432	653.340	652.569
40.0250	652.569	652.569	652.569	652.569	652.569	652.569	652.569	652.569	652.569	652.569
40.5250	652.569	652.569	652.569	652.569	652.569	652.569	652.569	652.569	652.569	652.569
41.0250	652.569	652.569	652.569	652.569	652.569	652.569	652.569	652.569	652.569	652.569
41.5250	652.569	652.569	652.569	652.569	652.569	652.569	652.569	652.569	652.569	652.569
42.0250	652.569	652.569	652.569	652.569	652.569	652.569	652.569	652.569	652.569	652.569
42.5250	652.569	652.569	652.569	652.569	652.569	652.569	652.569	652.569	652.569	652.569
43.0250	652.569	652.569	652.569	652.569	652.569	652.569	652.569	652.569	652.569	652.569
43.5250	652.569	652.569	652.569	652.569	652.569	652.569	652.569	652.569	652.569	652.569
44.0250	652.569	652.569	652.569	652.569	652.569	652.569	652.569	652.569	652.569	652.569
44.5250	652.569	652.569	652.569	652.569	652.569	652.569	652.569	652.569	652.569	652.569
45.0250	652.569	652.569	652.569	652.569	652.569	652.569	652.569	652.569	652.569	652.569
45.5250	652.569	652.569	652.569	652.569	652.569	652.569	652.569	652.569	652.569	652.569
46.0250	652.569	652.569	652.569	652.569	652.569	652.569	652.569	652.569	652.569	652.569
46.5250	652.569	652.569	652.569	652.569	652.569	652.569	652.569	652.569	652.569	652.569
47.0250	652.569	652.569	652.569	652.569	652.569	652.569	652.569	652.569	652.569	652.569
47.5250	652.569	652.569	652.569	652.569	652.569	652.569	652.569	652.569	652.569	652.569
48.0250	652.569	652.569	652.569	652.569	652.569	652.569	652.569	652.569	652.569	652.569
48.5250	652.569	652.569	652.569	652.569	652.569	652.569	652.569	652.569	652.569	652.569
49.0250	652.569	652.569	652.569	652.569	652.569	652.569	652.569	652.569	652.569	652.569
49.5250	652.569	652.569	652.569	652.569	652.569	652.569	652.569	652.569	652.569	652.569

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) TC10 K RECORD = 49

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	637.643	637.859	638.755	637.859	638.631	638.538	638.107	638.600	637.797	638.569
0.5250	638.724	638.137	638.817	638.600	637.952	638.137	637.921	639.774	638.693	638.291
1.0250	638.477	639.095	639.033	638.817	637.952	637.952	637.643	637.828	637.983	638.446
1.5250	639.218	638.107	637.860	639.125	638.353	637.427	637.581	638.076	638.075	637.859
2.0250	638.724	638.755	638.755	638.106	638.847	636.933	639.002	638.261	638.323	638.631
2.5250	637.674	637.983	638.724	637.797	638.199	637.674	638.322	638.539	638.662	638.600
3.0250	637.736	638.909	638.847	639.218	638.292	637.766	638.600	638.230	637.859	639.465
3.5250	638.570	638.786	638.601	639.064	639.156	639.835	639.650	640.145	640.207	640.207
4.0250	641.535	641.720	642.152	642.615	643.141	643.758	644.995	645.772	647.786	649.177
4.5250	649.793	652.601	654.851	657.163	660.337	664.065	667.637	672.470	677.179	683.150
5.0250	686.971	690.454	696.081	699.890	702.932	706.862	710.639	713.617	716.103	717.700
5.5250	719.357	720.985	722.275	723.105	724.090	725.443	724.458	725.534	726.210	725.719
6.0250	726.117	726.487	727.101	726.395	726.454	725.932	727.193	726.210	726.856	726.672
6.5250	726.240	725.779	726.795	726.518	726.549	725.870	726.978	726.456	726.240	726.332
7.0250	725.780	725.563	726.549	726.117	726.487	725.994	726.920	726.609	726.640	726.024
7.5250	726.210	726.793	726.702	727.316	726.454	726.948	726.671	726.916	726.701	726.822
8.0250	726.239	727.316	727.102	727.440	726.610	726.918	727.595	727.471	727.255	727.472
8.5250	727.378	726.856	727.841	727.378	726.364	727.841	727.964	726.362	726.947	726.825
9.0250	727.840	727.596	727.380	727.747	726.978	727.777	728.517	727.101	726.947	728.147
9.5250	727.594	727.965	728.209	727.164	727.716	728.054	728.086	727.653	728.302	728.394
10.0250	727.625	727.225	728.148	727.593	728.577	728.762	728.024	727.719	729.009	728.424
10.5250	728.209	727.962	728.178	728.178	727.718	728.023	728.485	728.487	728.762	728.578
11.0250	728.730	728.393	728.885	728.915	729.069	728.207	728.977	728.578	728.854	728.855
11.5250	729.162	728.301	728.732	728.057	729.624	729.317	728.516	730.207	729.377	729.254
12.0250	728.948	729.533	728.885	728.853	728.764	729.686	729.961	729.255	729.592	729.470
12.5250	729.194	729.163	729.103	729.408	729.594	730.146	729.347	729.595	730.085	730.330
13.0250	729.565	729.347	729.287	729.991	730.392	731.129	730.360	730.484	729.870	730.084
13.5250	729.224	730.454	730.822	730.422	730.116	731.404	730.577	730.422	730.699	731.252
14.0250	730.485	729.594	730.944	730.607	731.008	731.037	731.498	731.100	730.485	730.916
14.5250	730.853	730.884	730.576	731.253	731.161	731.284	731.345	731.007	731.190	731.436
15.0250	731.745	730.913	731.806	730.607	731.898	731.682	731.283	730.944	731.775	731.651
15.5250	731.560	731.836	732.511	732.235	731.744	731.468	731.959	732.511	732.328	732.880
16.0250	732.450	731.590	731.898	732.788	732.112	733.094	732.388	732.941	732.449	732.143
16.5250	733.585	731.530	731.775	732.358	732.358	732.328	732.604	732.450	732.542	732.512
17.0250	732.389	732.021	732.757	733.033	731.775	733.647	732.818	733.156	732.695	733.524
17.5250	732.481	732.420	732.910	733.800	733.524	732.725	733.125	733.278	733.216	734.352
18.0250	733.953	733.340	733.861	733.278	733.861	733.555	734.996	734.443	733.647	733.340
18.5250	734.383	734.475	733.800	734.352	733.892	734.659	733.401	734.291	735.333	733.708
19.0250	734.045	734.720	735.057	734.965	735.425	734.597	735.211	735.333	734.321	734.659
19.5250	734.659	734.781	735.119	735.426	735.241	735.456	735.947	735.119	735.486	735.610
20.0250	735.302	734.843	735.303	736.100	735.364	735.548	734.843	735.671	736.192	734.843
20.5250	736.192	736.039	736.039	736.100	735.456	736.468	735.210	735.732	736.744	736.039
21.0250	736.530	736.162	736.345	736.315	736.192	736.223	736.867	736.683	737.112	736.346
21.5250	737.603	736.438	736.591	737.143	735.732	736.836	737.388	737.296	736.836	737.235
22.0250	736.898	737.603	737.542	736.959	737.572	736.806	737.327	736.499	736.468	737.051
22.5250	738.370	737.971	736.591	738.308	737.480	737.726	737.082	737.419	737.511	737.725
23.0250	738.032	738.002	737.235	738.032	738.155	738.308	739.382	738.707	738.523	738.615
23.5250	738.063	738.400	738.094	738.738	739.382	739.106	738.799	738.554	738.830	738.922
24.0250	739.106	738.952	739.381	739.412	739.535	739.320	738.278	738.738	739.842	740.118
24.5250	739.750	738.646	739.382	739.443	740.516	739.964	740.210	740.424	740.087	740.240

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) TC10 K RECORD = 50

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0250	740.547	740.117	740.670	740.946	739.688	741.068	740.700	741.191	739.688	740.485
25.5250	741.007	740.639	740.240	741.528	741.130	740.731	740.854	740.792	741.314	740.424
26.0250	741.835	741.620	740.516	735.977	731.374	725.904	719.572	713.771	706.095	699.061
26.5250	692.176	685.399	679.210	674.286	669.423	666.005	661.415	659.351	657.317	654.821
27.0250	653.309	652.138	650.904	649.979	649.857	649.392	649.054	648.154	648.775	647.783
27.5250	647.568	647.907	647.598	648.001	647.227	647.040	646.979	646.731	647.133	647.256
28.0250	646.885	647.071	646.730	646.638	646.946	646.450	646.916	646.234	647.008	646.762
28.5250	646.699	646.887	646.948	646.731	646.698	646.389	646.360	646.700	646.947	646.823
29.0250	646.710	646.514	646.728	646.638	646.575	646.605	646.946	647.225	646.422	647.224
29.5250	646.853	646.576	646.823	646.668	646.451	646.946	646.731	646.853	646.823	646.608
30.0250	646.854	647.040	646.823	646.638	647.011	646.915	647.040	646.513	646.761	646.856
30.5250	646.791	647.225	647.349	647.103	647.443	647.196	647.009	647.380	646.823	646.916
31.0250	647.442	647.598	647.257	647.320	647.038	647.475	647.103	647.598	647.660	647.630
31.5250	647.287	647.505	647.568	647.072	647.721	647.848	648.091	647.629	647.877	647.937
32.0250	647.941	648.495	647.847	648.278	647.848	647.753	647.909	648.185	648.063	648.432
32.5250	647.629	648.217	647.970	647.878	648.186	648.556	648.188	648.650	648.219	648.774
33.0250	648.279	648.927	649.174	648.466	648.897	648.683	649.176	648.807	648.340	648.745
33.5250	649.702	648.776	648.650	648.745	648.989	648.929	648.525	649.054	649.299	648.806
34.0250	649.330	649.240	649.732	649.299	648.929	649.362	649.918	649.297	649.764	649.361
34.5250	649.456	649.393	649.357	649.977	649.270	650.195	650.041	650.040	650.072	649.701
35.0250	650.319	650.379	650.[illegible]	649.917	649.794	650.441	650.782	650.411	650.442	650.411
35.5250	650.042	650.503	650.[illegible]	650.597	650.133	650.658	651.028	650.319	651.028	650.535
36.0250	650.719	650.720	651.398	650.627	651.398	650.967	651.120	651.275	651.090	651.861
36.5250	651.337	651.057	651.244	651.923	651.275	651.522	651.830	651.244	652.046	651.429
37.0250	651.676	651.644	651.707	651.922	651.984	652.262	651.614	652.169	651.923	651.583
37.5250	652.292	652.416	651.984	652.662	652.077	652.632	653.187	651.861	652.601	653.248
38.0250	652.817	653.063	653.002	653.063	652.785	652.724	652.785	653.187	653.156	653.094
38.5250	653.587	652.755	653.063	653.464	652.908	652.878	652.631	654.112	653.033	653.896
39.0250	653.371	653.063	653.927	653.896	653.587	654.019	653.741	653.957	653.865	653.556
39.5250	654.512	653.556	654.235	654.173	654.050	654.111	654.728	654.451	654.389	654.790
40.0250	654.790	654.790	654.790	654.790	654.790	654.790	654.790	654.790	654.790	654.790
40.5250	654.790	654.790	654.790	654.790	654.790	654.790	654.790	654.790	654.790	654.790
41.0250	654.790	654.790	654.790	654.790	654.790	654.790	654.790	654.790	654.790	654.790
41.5250	654.790	654.790	654.790	654.790	654.790	654.790	654.790	654.790	654.790	654.790
42.0250	654.790	654.790	654.790	654.790	654.790	654.790	654.790	654.790	654.790	654.790
42.5250	654.790	654.790	654.790	654.790	654.790	654.790	654.790	654.790	654.790	654.790
43.0250	654.790	654.790	654.790	654.790	654.790	654.790	654.790	654.790	654.790	654.790
43.5250	654.790	654.790	654.790	654.790	654.790	654.790	654.790	654.790	654.790	654.790
44.0250	654.790	654.790	654.790	654.790	654.790	654.790	654.790	654.790	654.790	654.790
44.5250	654.790	654.790	654.790	654.790	654.790	654.790	654.790	654.790	654.790	654.790
45.0250	654.790	654.790	654.790	654.790	654.790	654.790	654.790	654.790	654.790	654.790
45.5250	654.790	654.790	654.790	654.790	654.790	654.790	654.790	654.790	654.790	654.790
46.0250	654.790	654.790	654.790	654.790	654.790	654.790	654.790	654.790	654.790	654.790
46.5250	654.790	654.790	654.790	654.790	654.790	654.790	654.790	654.790	654.790	654.790
47.0250	654.790	654.790	654.790	654.790	654.790	654.790	654.790	654.790	654.790	654.790
47.5250	654.790	654.790	654.790	654.790	654.790	654.790	654.790	654.790	654.790	654.790
48.0250	654.790	654.790	654.790	654.790	654.790	654.790	654.790	654.790	654.790	654.790
48.5250	654.790	654.790	654.790	654.790	654.790	654.790	654.790	654.790	654.790	654.790
49.0250	654.790	654.790	654.790	654.790	654.790	654.790	654.790	654.790	654.790	654.790
49.5250	654.790	654.790	654.790	654.790	654.790	654.790	654.790	654.790	654.790	654.790

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) TC11 K RECORD = 51

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0256	640.870	638.011	638.333	638.670	638.078	637.906	638.170	638.551	642.179	638.202
0.5256	638.313	638.696	638.429	638.359	638.524	638.382	638.101	637.764	638.272	638.606
1.0256	638.208	638.179	638.167	638.348	638.141	638.153	638.286	638.504	637.356	638.231
1.5256	638.371	638.533	638.147	638.159	638.368	638.229	638.446	638.310	638.472	638.626
2.0256	637.866	638.562	638.112	638.498	638.057	638.330	638.156	638.342	654.735	638.057
2.5256	638.333	638.548	637.947	638.049	638.623	638.501	637.758	638.199	638.539	638.382
3.0256	637.941	638.072	638.667	638.786	638.260	638.417	638.368	638.725	638.449	638.429
3.5256	638.728	638.757	638.693	638.855	638.725	639.157	639.163	639.436	639.604	639.677
4.0256	639.816	639.990	640.605	640.901	640.794	641.743	642.413	643.152	643.274	644.684
4.5256	645.536	646.702	647.668	649.442	651.288	653.268	655.658	658.627	661.072	663.550
5.0256	665.304	667.646	669.527	671.295	672.201	673.502	674.454	674.992	674.645	675.610
5.5256	676.288	676.788	676.372	677.396	677.540	677.792	677.627	680.079	676.876	677.965
6.0256	677.506	677.795	678.116	677.936	677.737	678.396	678.179	678.260	677.876	678.590
6.5256	678.095	678.469	678.052	678.307	678.555	678.399	678.182	678.359	678.434	678.671
7.0256	678.127	678.584	678.399	678.601	678.116	678.862	678.489	678.674	678.396	678.856
7.5256	678.960	678.633	678.610	678.986	678.945	678.891	678.737	678.827	678.931	679.073
8.0256	678.969	678.951	679.255	679.145	679.050	679.446	679.382	679.466	678.804	679.524
8.5256	679.188	679.411	679.061	679.596	679.573	679.342	679.038	679.448	679.489	679.619
9.0256	679.417	679.527	679.596	679.758	679.639	679.631	679.755	679.795	679.631	680.001
9.5256	679.969	679.839	679.582	680.012	680.241	680.148	679.755	679.925	680.105	679.937
10.0256	679.842	679.798	680.192	680.151	680.189	680.113	680.469	680.510	680.183	680.325
10.5256	680.564	680.405	679.775	680.365	680.420	680.333	680.252	680.423	680.599	680.663
11.0256	680.330	680.524	680.778	680.567	680.316	680.484	680.848	680.631	680.313	680.605
11.5256	680.848	680.591	680.209	680.579	680.830	680.579	680.420	680.856	680.810	680.998
12.0256	680.683	680.906	680.932	680.958	680.449	680.975	681.244	681.033	680.721	681.062
12.5256	680.958	681.021	680.940	681.374	681.518	681.472	681.065	681.299	681.198	681.654
13.0256	680.926	680.871	681.426	681.420	681.325	680.955	681.724	681.628	680.906	681.414
13.5256	681.886	681.634	681.446	681.536	681.518	681.675	681.432	681.738	681.787	681.724
14.0256	681.481	681.958	681.773	681.732	681.518	681.816	681.941	682.207	681.747	681.975
14.5256	682.166	681.880	681.845	681.816	682.053	682.149	681.608	682.134	682.305	682.328
15.0256	680.714	682.305	682.071	682.201	682.253	681.318	682.481	682.660	682.175	682.175
15.5256	682.391	682.516	681.929	682.394	682.308	682.354	681.630	689.670	682.420	681.934
16.0256	682.131	682.591	682.770	682.790	682.247	682.857	682.452	682.767	682.409	682.955
16.5256	682.695	682.854	682.516	682.753	682.634	683.028	682.577	682.689	683.085	682.984
17.0256	682.730	682.657	682.949	682.521	682.932	683.253	683.470	683.354	682.811	683.224
17.5256	682.990	683.452	683.117	683.030	683.343	683.415	683.409	682.972	683.773	683.649
18.0256	683.239	683.317	683.594	683.684	683.432	683.319	683.640	683.886	683.184	683.591
18.5256	683.750	684.019	683.412	683.727	684.028	683.900	683.669	684.109	684.149	683.820
19.0256	683.634	684.314	684.218	684.129	683.981	683.805	684.224	684.137	684.077	683.955
19.5256	684.438	684.557	683.947	684.068	684.531	683.871	683.984	684.317	684.487	684.747
20.0256	684.080	684.814	684.863	684.594	684.103	684.684	684.704	684.577	684.450	685.002
20.5256	685.057	684.823	684.493	685.059	684.877	684.877	684.721	685.057	685.039	685.169
21.0256	684.716	685.146	685.299	685.242	685.080	685.042	685.406	685.375	685.025	685.294
21.5256	685.690	685.704	685.224	685.294	685.892	685.389	685.496	685.643	685.773	685.797
22.0256	685.710	685.612	686.016	685.976	685.536	685.846	686.181	685.753	685.770	685.866
22.5256	686.265	686.337	685.958	686.386	686.401	686.389	685.958	686.242	686.456	686.510
23.0256	686.242	686.690	686.519	686.623	686.536	686.675	686.664	686.719	686.461	686.695
23.5256	686.820	686.898	686.733	686.866	686.964	687.010	686.979	686.970	687.412	687.245
24.0256	686.626	687.161	687.276	687.190	687.086	686.970	687.658	687.467	687.571	687.525
24.5256	687.693	688.042	687.432	687.456	687.892	688.219	687.724	687.863	688.022	688.190

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) TC11 K RECORD = 52

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0256	687.875	688.204	688.167	688.366	688.005	688.193	688.366	688.464	688.305	688.447
25.5256	688.693	688.268	688.406	688.681	688.724	688.687	688.386	688.484	688.816	688.981
26.0256	688.684	688.854	687.967	685.785	681.195	676.724	672.337	668.158	663.651	660.765
26.5256	658.465	656.110	653.873	652.856	651.596	650.625	649.738	649.259	648.891	648.340
27.0256	648.140	648.082	647.813	648.042	647.465	647.554	647.589	647.505	647.015	647.099
27.5256	647.320	647.010	646.702	646.847	646.981	646.986	646.740	646.902	647.262	646.946
28.0256	646.493	646.705	646.931	646.673	646.592	646.751	646.064	646.540	646.496	646.319
28.5256	646.653	646.548	646.551	646.343	646.685	646.632	646.641	646.427	646.496	646.725
29.0256	646.603	646.607	646.711	646.606	646.340	646.583	646.789	646.896	646.473	646.551
29.5256	646.473	646.922	646.563	646.804	646.685	646.624	646.398	646.720	646.473	647.230
30.0256	646.899	646.615	647.001	646.870	646.719	647.120	647.111	646.966	646.911	647.120
30.5256	646.951	647.096	646.679	647.360	647.285	647.189	647.352	647.218	647.384	647.383
31.0256	647.122	647.317	647.511	647.392	647.070	647.288	647.702	647.702	647.134	647.111
31.5256	647.778	647.955	647.259	647.233	647.789	647.801	647.413	647.914	647.560	647.795
32.0256	647.688	647.772	647.760	647.931	647.804	647.871	648.256	648.329	648.181	648.042
32.5256	648.181	648.645	648.262	648.410	648.755	648.561	648.462	648.155	648.314	648.595
33.0256	648.616	648.285	648.595	648.952	648.140	648.404	648.778	649.132	648.511	648.923
33.5256	648.778	649.169	648.993	648.830	649.001	649.268	648.694	649.019	649.349	649.068
34.0256	649.221	649.109	649.456	649.404	649.207	649.523	649.352	649.575	649.364	649.604
34.5256	649.343	649.471	649.601	649.662	649.735	650.349	649.911	649.569	650.332	650.262
35.0256	649.909	650.054	650.048	650.430	650.167	650.149	650.381	650.807	650.103	650.248
35.5256	650.868	651.381	650.865	650.827	650.355	650.694	650.407	651.256	651.013	650.801
36.0256	650.978	650.961	650.567	651.387	651.074	650.749	651.680	651.764	650.616	651.416
36.5256	651.880	651.320	651.413	651.407	651.859	651.967	651.897	651.688	652.117	652.140
37.0256	651.848	651.911	652.236	652.282	651.949	651.839	651.996	652.535	652.309	652.224
37.5256	652.659	652.558	652.549	652.590	652.450	652.937	652.471	652.671	651.910	653.273
38.0256	652.546	653.204	652.917	653.172	652.746	652.479	652.992	653.126	652.564	652.871
38.5256	653.465	653.181	653.447	653.781	653.668	653.610	653.540	653.891	653.914	654.256
39.0256	653.723	653.453	653.923	654.583	653.911	654.238	654.537	654.505	654.059	654.224
39.5256	654.453	654.633	654.438	654.273	653.924	654.737	654.178	654.378	655.128	654.575
40.0256	654.575	654.575	654.575	654.575	654.575	654.575	654.575	654.575	654.575	654.575
40.5256	654.575	654.575	654.575	654.575	654.575	654.575	654.575	654.575	654.575	654.575
41.0256	654.575	654.575	654.575	654.575	654.575	654.575	654.575	654.575	654.575	654.575
41.5256	654.575	654.575	654.575	654.575	654.575	654.575	654.575	654.575	654.575	654.575
42.0256	654.575	654.575	654.575	654.575	654.575	654.575	654.575	654.575	654.575	654.575
42.5256	654.575	654.575	654.575	654.575	654.575	654.575	654.575	654.575	654.575	654.575
43.0256	654.575	654.575	654.575	654.575	654.575	654.575	654.575	654.575	654.575	654.575
43.5256	654.575	654.575	654.575	654.575	654.575	654.575	654.575	654.575	654.575	654.575
44.0256	654.575	654.575	654.575	654.575	654.575	654.575	654.575	654.575	654.575	654.575
44.5256	654.575	654.575	654.575	654.575	654.575	654.575	654.575	654.575	654.575	654.575
45.0256	654.575	654.575	654.575	654.575	654.575	654.575	654.575	654.575	654.575	654.575
45.5256	654.575	654.575	654.575	654.575	654.575	654.575	654.575	654.575	654.575	654.575
46.0256	654.575	654.575	654.575	654.575	654.575	654.575	654.575	654.575	654.575	654.575
46.5256	654.575	654.575	654.575	654.575	654.575	654.575	654.575	654.575	654.575	654.575
47.0256	654.575	654.575	654.575	654.575	654.575	654.575	654.575	654.575	654.575	654.575
47.5256	654.575	654.575	654.575	654.575	654.575	654.575	654.575	654.575	654.575	654.575
48.0256	654.575	654.575	654.575	654.575	654.575	654.575	654.575	654.575	654.575	654.575
48.5256	654.575	654.575	654.575	654.575	654.575	654.575	654.575	654.575	654.575	654.575
49.0256	654.575	654.575	654.575	654.575	654.575	654.575	654.575	654.575	654.575	654.575
49.5256	654.575	654.575	654.575	654.575	654.575	654.575	654.575	654.575	654.575	654.575

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) TC12 K RECORD = 53

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	636.469	636.809	636.253	636.963	636.809	636.531	637.550	636.716	637.952	637.210
0.5250	638.045	636.840	637.890	636.469	636.563	637.705	636.933	637.705	636.531	637.365
1.0250	636.593	637.242	636.377	637.581	637.365	637.242	636.623	637.397	636.778	636.933
1.5250	636.655	637.272	637.519	637.304	636.716	637.921	636.284	637.365	637.211	635.852
2.0250	636.438	637.273	637.396	636.747	637.581	637.241	637.643	636.655	636.747	636.841
2.5250	637.365	637.087	637.767	636.871	637.365	637.735	638.014	636.809	636.747	636.408
3.0250	637.365	637.427	637.303	638.045	637.179	638.075	636.933	637.489	637.334	637.890
3.5250	637.519	637.334	637.427	637.612	637.860	637.736	638.013	637.736	637.921	639.157
4.0250	639.096	639.867	639.991	639.620	640.175	641.936	641.874	643.791	644.007	644.965
4.5250	646.389	646.731	649.635	650.194	653.371	654.820	658.612	661.477	664.988	666.282
5.0250	669.576	672.655	673.917	675.209	676.932	677.824	678.349	679.612	679.857	679.764
5.5250	680.965	681.242	680.287	682.537	680.688	680.626	680.842	682.414	680.256	681.429
6.0250	680.227	682.875	681.550	681.581	681.274	682.074	680.165	680.688	680.718	681.828
6.5250	681.18	680.565	681.428	680.842	681.704	682.012	680.750	680.965	682.043	681.027
7.0250	682.012	681.306	680.873	679.950	681.213	681.396	681.580	681.180	682.291	681.088
7.5250	680.996	681.890	681.643	680.935	681.428	681.211	682.012	680.873	681.735	680.903
8.0250	682.628	680.781	681.242	681.920	680.318	681.798	680.842	681.982	681.521	682.043
8.5250	680.749	682.073	680.688	681.858	681.489	681.674	680.841	681.765	681.921	681.365
9.0250	682.352	682.536	681.274	680.627	681.705	681.336	681.767	682.105	683.860	680.843
9.5250	683.277	682.228	681.827	681.982	682.598	681.119	683.089	681.211	682.445	681.858
10.0250	683.922	682.445	681.982	682.505	681.458	682.751	681.951	683.028	681.458	682.136
10.5250	682.134	682.566	682.598	683.275	682.599	682.752	682.043	682.629	681.673	682.228
11.0250	682.628	683.367	681.766	682.382	682.659	682.537	681.674	683.091	682.227	681.611
11.5250	682.659	682.875	682.290	683.429	682.905	681.951	683.214	683.276	682.813	682.044
12.0250	682.997	682.968	682.967	682.659	683.582	682.381	682.937	682.967	684.169	682.843
12.5250	683.461	684.477	682.968	682.535	682.444	683.707	683.305	683.675	682.259	682.720
13.0250	683.768	682.967	682.690	684.075	683.892	683.213	682.474	684.137	682.660	683.645
13.5250	683.399	683.644	682.874	682.412	683.120	684.137	683.336	683.244	684.106	682.691
14.0250	684.043	682.628	683.736	682.904	684.106	683.059	684.477	682.781	684.631	683.706
14.5250	684.014	683.305	684.259	683.367	684.230	684.754	685.585	683.121	683.551	683.645
15.0250	684.475	684.044	684.538	684.785	684.260	685.277	683.521	684.568	684.907	683.706
15.5250	682.904	683.889	682.875	684.476	684.199	684.137	684.321	685.402	682.873	684.537
16.0250	684.169	685.154	684.322	684.631	684.443	684.415	684.260	684.260	685.829	684.876
16.5250	686.201	683.950	684.967	685.892	685.586	684.291	684.383	684.167	685.000	685.400
17.0250	686.571	684.199	685.768	685.769	683.982	684.907	685.645	683.489	684.075	685.985
17.5250	685.338	685.430	684.721	685.862	684.782	685.308	684.474	685.122	684.353	684.136
18.0250	684.658	684.568	685.675	685.553	684.782	685.122	684.966	685.861	684.967	685.768
18.5250	685.523	685.338	685.797	686.106	684.998	686.478	684.629	685.738	685.861	686.784
19.0250	685.954	685.307	686.971	684.968	686.908	684.968	686.724	686.292	686.291	684.289
19.5250	686.322	686.661	686.168	686.014	685.953	686.291	685.923	686.691	686.415	685.830
20.0250	685.953	687.555	685.584	686.878	685.737	687.123	686.015	685.892	686.107	686.322
20.5250	686.876	686.448	686.198	687.463	687.833	687.062	687.891	686.230	687.186	687.957
21.0250	687.863	686.293	686.632	688.849	687.495	689.157	687.249	686.600	687.371	687.061
21.5250	687.187	686.970	687.741	688.418	687.155	686.785	687.801	688.109	687.864	688.633
22.0250	688.418	688.172	687.678	688.204	688.296	687.402	688.512	687.924	688.047	687.217
22.5250	687.649	688.633	688.632	688.079	687.955	688.942	688.356	688.696	688.418	689.375
23.0250	688.819	688.972	688.262	689.403	688.636	688.787	689.406	689.252	688.419	689.437
23.5250	689.436	688.789	689.465	689.037	689.282	689.067	689.344	688.727	689.189	690.206
24.0250	689.651	689.591	690.267	688.696	689.805	689.499	690.359	689.620	689.743	689.222
24.5250	689.344	688.729	690.390	689.775	689.653	690.174	689.439	690.639	689.591	690.544

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) TC12 K RECORD = 54

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0250	690.021	690.914	689.837	690.761	689.714	690.915	690.299	690.917	690.853	690.852
25.5250	690.855	691.191	690.822	690.054	690.393	690.699	691.314	690.763	691.315	691.345
26.0250	690.884	690.331	689.745	686.107	681.551	675.301	670.315	664.280	660.830	656.577
26.5250	653.587	651.242	649.976	648.306	648.059	646.418	646.916	646.048	645.275	644.687
27.0250	644.006	644.749	644.531	643.729	644.284	644.317	643.914	645.090	644.131	643.945
27.5250	644.099	644.470	644.100	644.501	643.790	643.820	643.818	644.749	644.004	644.317
28.0250	643.912	643.697	644.131	643.573	644.348	643.758	644.069	644.130	644.069	643.850
28.5250	643.513	643.883	643.697	643.851	643.543	643.975	644.222	644.099	644.841	644.129
29.0250	644.131	643.913	643.882	644.346	645.398	644.345	644.534	644.440	644.530	644.410
29.5250	644.532	644.720	643.976	644.934	644.129	644.377	644.903	644.688	644.470	644.934
30.0250	644.689	644.533	644.531	645.058	645.243	645.213	644.997	644.965	644.500	646.049
30.5250	645.027	645.461	645.337	645.058	645.275	644.933	644.966	645.336	645.924	644.903
31.0250	645.708	644.841	646.140	645.307	645.832	645.336	645.616	645.893	645.771	645.553
31.5250	645.803	645.522	645.275	645.615	645.398	646.018	646.791	646.666	645.398	646.576
32.0250	645.892	646.946	646.080	646.483	645.955	645.985	646.232	646.481	646.357	646.450
32.5250	646.296	646.914	646.791	647.376	647.040	647.165	646.450	647.473	647.039	647.193
33.0250	647.100	647.132	647.163	646.666	647.504	647.132	647.131	647.504	647.408	647.257
33.5250	647.378	647.009	647.689	647.596	648.155	647.813	648.369	647.381	648.247	648.061
34.0250	648.187	647.937	647.877	648.062	648.123	647.846	648.340	648.092	647.906	648.029
34.5250	648.496	648.245	648.063	648.275	648.185	648.496	648.496	649.727	648.650	649.176
35.0250	648.093	648.928	648.495	649.485	649.269	648.650	648.928	648.897	649.022	649.206
35.5250	648.774	649.484	649.639	648.899	649.051	649.177	650.162	649.577	650.070	649.270
36.0250	649.701	649.424	649.855	650.133	649.854	649.485	650.102	650.411	650.195	650.287
36.5250	650.874	649.855	650.442	650.565	650.534	650.657	650.689	650.164	650.319	651.830
37.0250	649.732	651.059	650.227	651.367	650.226	651.428	650.782	650.811	651.398	652.014
37.5250	651.059	650.997	651.398	651.614	651.552	650.966	651.460	651.522	651.244	652.077
38.0250	652.046	651.583	651.398	651.522	651.922	651.861	652.261	651.737	652.323	651.522
38.5250	653.155	651.460	653.001	651.491	652.385	652.323	652.447	651.953	652.354	653.002
39.0250	652.168	652.076	651.613	652.446	652.077	652.693	653.063	652.601	652.970	653.279
39.5250	652.354	653.433	652.108	653.185	652.200	653.741	652.570	653.680	653.094	654.388
40.0250	654.388	654.388	654.388	654.388	654.388	654.388	654.388	654.388	654.388	654.388
40.5250	654.388	654.388	654.388	654.388	654.388	654.388	654.388	654.388	654.388	654.388
41.0250	654.388	654.388	654.388	654.388	654.388	654.388	654.388	654.388	654.388	654.388
41.5250	654.388	654.388	654.388	654.388	654.388	654.388	654.388	654.388	654.388	654.388
42.0250	654.388	654.388	654.388	654.388	654.388	654.388	654.388	654.388	654.388	654.388
42.5250	654.388	654.388	654.388	654.388	654.388	654.388	654.388	654.388	654.388	654.388
43.0250	654.388	654.388	654.388	654.388	654.388	654.388	654.388	654.388	654.388	654.388
43.5250	654.388	654.388	654.388	654.388	654.388	654.388	654.388	654.388	654.388	654.388
44.0250	654.388	654.388	654.388	654.388	654.388	654.388	654.388	654.388	654.388	654.388
44.5250	654.388	654.388	654.388	654.388	654.388	654.388	654.388	654.388	654.388	654.388
45.0250	654.388	654.388	654.388	654.388	654.388	654.388	654.388	654.388	654.388	654.388
45.5250	654.388	654.388	654.388	654.388	654.388	654.388	654.388	654.388	654.388	654.388
46.0250	654.388	654.388	654.388	654.388	654.388	654.388	654.388	654.388	654.388	654.388
46.5250	654.388	654.388	654.388	654.388	654.388	654.388	654.388	654.388	654.388	654.388
47.0250	654.388	654.388	654.388	654.388	654.388	654.388	654.388	654.388	654.388	654.388
47.5250	654.388	654.388	654.388	654.388	654.388	654.388	654.388	654.388	654.388	654.388
48.0250	654.388	654.388	654.388	654.388	654.388	654.388	654.388	654.388	654.388	654.388
48.5250	654.388	654.388	654.388	654.388	654.388	654.388	654.388	654.388	654.388	654.388
49.0250	654.388	654.388	654.388	654.388	654.388	654.388	654.388	654.388	654.388	654.388
49.5250	654.388	654.388	654.388	654.388	654.388	654.388	654.388	654.388	654.388	654.388

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) TC13 K RECORD = 55

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	636.852	637.748	638.274	637.408	638.306	637.687	636.820	636.975	637.595	637.193
0.5250	637.409	637.037	636.636	638.181	636.450	638.058	637.348	637.503	636.666	637.471
1.0250	636.512	638.026	637.129	636.822	636.543	637.965	637.191	637.101	637.253	637.624
1.5250	636.295	636.760	637.191	637.966	636.264	637.903	636.727	637.007	638.212	636.944
2.0250	637.130	636.729	637.285	636.913	637.872	637.562	637.408	636.542	637.470	636.912
2.5250	636.820	636.542	637.531	637.346	638.275	637.501	637.161	637.564	638.677	637.317
3.0250	638.151	637.316	638.368	637.965	637.469	637.842	637.347	637.996	637.687	637.532
3.5250	637.873	637.996	637.564	638.492	638.429	638.738	637.964	639.203	639.264	639.698
4.0250	639.047	641.368	641.308	640.131	641.430	642.079	642.578	643.659	645.144	646.535
4.5250	648.015	648.910	651.254	653.381	656.340	658.436	661.825	665.307	669.007	672.185
5.0250	675.765	678.873	681.119	683.118	684.655	686.193	687.546	688.744	690.343	689.820
5.5250	690.097	690.528	691.728	691.974	691.112	691.789	691.635	692.958	691.942	692.251
6.0250	692.097	691.634	692.464	691.604	692.065	691.911	692.742	691.604	691.481	692.036
6.5250	691.910	692.065	691.326	692.157	691.665	691.726	691.666	691.389	692.096	692.188
7.0250	692.619	692.156	692.004	691.634	692.220	691.543	692.679	692.004	692.527	692.711
7.5250	692.341	693.418	692.127	692.250	692.833	692.495	692.372	692.281	692.833	692.496
8.0250	692.004	692.157	691.912	693.204	691.757	692.710	692.034	692.864	692.833	692.528
8.5250	692.096	692.527	692.281	692.342	692.865	692.680	692.864	693.356	693.018	692.466
9.0250	692.495	692.987	692.864	692.465	693.635	692.774	692.865	693.694	692.681	693.233
9.5250	692.741	692.710	694.189	693.479	692.897	692.803	693.050	692.496	692.802	693.080
10.0250	693.818	693.202	692.219	693.511	693.665	694.095	693.265	693.910	693.173	693.727
10.5250	693.234	693.756	692.865	693.910	693.817	693.849	693.295	694.556	692.526	693.819
11.0250	693.541	694.311	693.695	693.295	694.219	692.711	693.018	693.050	693.910	693.817
11.5250	694.095	693.294	693.572	694.095	694.157	693.018	693.940	693.849	693.357	693.943
12.0250	693.849	693.387	695.020	693.173	694.586	693.880	693.387	694.248	694.220	693.880
12.5250	694.156	694.680	694.648	695.295	693.234	694.249	694.218	694.434	694.588	694.434
13.0250	694.526	694.065	694.187	694.342	694.433	694.279	694.681	694.772	693.819	694.525
13.5250	694.741	695.174	694.310	694.433	694.649	694.618	693.788	693.972	694.990	694.587
14.0250	695.142	693.726	694.588	695.142	696.343	693.879	694.772	694.187	695.142	694.310
14.5250	694.403	694.959	695.758	695.234	695.080	694.771	696.035	695.419	696.312	695.081
15.0250	695.882	696.282	694.926	695.880	695.266	694.987	694.895	695.173	695.665	696.127
15.5250	695.203	696.003	694.863	694.927	695.574	695.111	696.557	695.602	695.420	697.021
16.0250	695.389	695.941	695.450	695.173	695.358	696.033	695.850	695.604	695.543	696.126
16.5250	695.355	695.666	697.360	696.158	695.850	696.035	696.189	697.021	695.911	695.356
17.0250	696.557	695.941	695.633	696.127	696.590	695.849	696.681	695.759	696.279	697.483
17.5250	697.420	696.649	696.557	697.298	696.833	696.771	695.542	697.482	696.003	695.788
18.0250	696.773	697.205	696.498	697.883	696.220	697.297	697.205	697.175	696.588	697.454
18.5250	696.405	696.496	696.957	697.545	696.896	697.881	696.896	697.143	697.112	697.451
19.0250	698.898	696.495	697.419	696.866	698.221	697.268	697.666	697.910	697.236	696.280
19.5250	697.574	698.314	697.328	698.499	697.788	697.605	697.789	697.943	697.912	697.696
20.0250	697.973	697.973	697.634	698.313	697.943	697.912	697.667	697.912	697.080	698.435
20.5250	697.912	698.189	698.742	698.345	698.374	698.529	698.158	697.233	698.711	698.712
21.0250	698.867	698.897	698.250	698.498	698.436	698.495	698.774	698.402	698.805	698.989
21.5250	698.898	698.651	699.298	698.312	698.404	698.651	699.019	699.237	699.111	699.082
22.0250	698.560	698.928	699.542	699.544	700.160	699.482	699.729	699.113	699.604	699.357
22.5250	699.974	699.974	700.438	700.099	699.265	699.359	700.222	700.498	700.005	701.237
23.0250	700.129	699.420	700.036	700.590	700.249	699.789	700.681	700.344	700.066	699.759
23.5250	700.806	700.529	700.405	700.252	699.665	700.621	700.344	700.404	700.714	701.976
24.0250	700.622	700.714	701.206	700.312	701.759	701.237	701.483	700.497	701.513	701.174
24.5250	701.637	700.562	702.068	701.884	702.159	701.267	702.160	701.392	700.806	701.729

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) TC13 K RECORD = 56

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0250	701.021	701.667	701.699	702.285	701.854	702.591	701.606	701.575	702.253	702.438
25.5250	701.146	702.345	701.607	701.730	701.914	702.039	702.191	702.530	702.590	702.254
26.0250	702.222	702.284	701.206	698.157	693.667	686.961	683.025	675.517	669.378	664.228
26.5250	660.562	656.957	654.892	652.025	649.958	649.681	648.478	648.077	647.089	646.996
27.0250	646.934	646.349	645.948	645.732	645.763	645.020	645.577	645.114	645.238	644.373
27.5250	645.145	645.330	644.898	645.112	644.806	645.114	644.620	644.062	644.837	644.989
28.0250	644.744	644.649	644.527	644.403	644.743	644.898	645.052	644.961	644.710	644.404
28.5250	645.238	644.651	644.867	645.053	644.742	644.466	644.557	644.837	644.896	644.928
29.0250	645.114	644.714	645.299	645.022	644.990	645.115	645.050	644.929	645.083	644.681
29.5250	644.775	645.546	645.177	645.453	645.022	645.639	645.269	645.423	645.207	645.114
30.0250	644.776	645.114	645.362	645.701	645.702	645.793	645.177	645.793	645.300	645.608
30.5250	645.331	645.670	645.762	645.640	645.514	645.948	646.009	645.918	646.257	645.424
31.0250	645.392	646.041	646.163	646.164	646.441	646.134	645.824	646.072	646.503	646.103
31.5250	647.059	646.103	646.688	646.411	646.317	646.596	647.335	647.214	646.442	646.843
32.0250	646.751	647.244	646.473	646.997	646.967	646.842	647.121	647.058	647.090	647.923
32.5250	646.720	647.336	647.182	646.503	647.584	647.644	646.904	647.799	647.213	646.936
33.0250	647.337	648.323	648.601	647.491	647.707	647.799	648.108	647.676	647.490	647.707
33.5250	648.725	647.584	648.355	647.800	647.829	647.738	647.613	648.293	647.798	648.046
34.0250	647.923	648.386	648.107	648.571	648.817	648.478	649.156	648.848	648.663	648.231
34.5250	649.033	648.817	648.602	648.601	648.725	648.972	648.941	649.249	649.002	649.249
35.0250	649.033	649.249	649.403	649.649	649.588	649.712	649.188	649.866	649.773	649.896
35.5250	649.712	649.403	649.248	649.835	650.082	649.558	650.082	650.205	650.637	650.020
36.0250	650.174	650.452	650.451	650.575	649.988	650.113	650.143	650.915	650.606	650.452
36.5250	651.346	650.760	650.421	650.822	651.161	650.699	651.809	651.037	650.112	650.204
37.0250	651.007	650.328	651.161	651.438	650.913	650.822	651.377	650.945	651.686	651.685
37.5250	651.562	651.377	651.932	652.055	651.962	651.870	651.531	651.747	652.209	652.240
38.0250	652.210	652.240	652.025	652.425	652.332	652.672	652.888	652.795	652.055	652.395
38.5250	652.579	652.795	653.134	652.487	652.795	653.135	652.147	653.350	653.690	653.319
39.0250	652.580	653.073	652.825	652.857	653.412	653.412	653.782	653.566	653.751	653.258
39.5250	653.566	653.566	653.505	653.164	653.690	653.751	653.720	654.645	654.393	654.614
40.0250	654.614	654.614	654.614	654.614	654.614	654.614	654.614	654.614	654.614	654.614
40.5250	654.614	654.614	654.614	654.614	654.614	654.614	654.614	654.614	654.614	654.614
41.0250	654.614	654.614	654.614	654.614	654.614	654.614	654.614	654.614	654.614	654.614
41.5250	654.614	654.614	654.614	654.614	654.614	654.614	654.614	654.614	654.614	654.614
42.0250	654.614	654.614	654.614	654.614	654.614	654.614	654.614	654.614	654.614	654.614
42.5250	654.614	654.614	654.614	654.614	654.614	654.614	654.614	654.614	654.614	654.614
43.0250	654.614	654.614	654.614	654.614	654.614	654.614	654.614	654.614	654.614	654.614
43.5250	654.614	654.614	654.614	654.614	654.614	654.614	654.614	654.614	654.614	654.614
44.0250	654.614	654.614	654.614	654.614	654.614	654.614	654.614	654.614	654.614	654.614
44.5250	654.614	654.614	654.614	654.614	654.614	654.614	654.614	654.614	654.614	654.614
45.0250	654.614	654.614	654.614	654.614	654.614	654.614	654.614	654.614	654.614	654.614
45.5250	654.614	654.614	654.614	654.614	654.614	654.614	654.614	654.614	654.614	654.614
46.0250	654.614	654.614	654.614	654.614	654.614	654.614	654.614	654.614	654.614	654.614
46.5250	654.614	654.614	654.614	654.614	654.614	654.614	654.614	654.614	654.614	654.614
47.0250	654.614	654.614	654.614	654.614	654.614	654.614	654.614	654.614	654.614	654.614
47.5250	654.614	654.614	654.614	654.614	654.614	654.614	654.614	654.614	654.614	654.614
48.0250	654.614	654.614	654.614	654.614	654.614	654.614	654.614	654.614	654.614	654.614
48.5250	654.614	654.614	654.614	654.614	654.614	654.614	654.614	654.614	654.614	654.614
49.0250	654.614	654.614	654.614	654.614	654.614	654.614	654.614	654.614	654.614	654.614
49.5250	654.614	654.614	654.614	654.614	654.614	654.614	654.614	654.614	654.614	654.614

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) TC14 K RECORD = 57

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	637.674	637.056	637.705	637.643	638.199	637.890	638.044	637.489	638.107	637.334
0.5250	638.199	637.890	637.241	638.477	636.809	638.045	637.736	638.446	637.705	638.014
1.0250	636.933	638.385	637.890	637.242	637.705	637.674	636.933	636.840	637.519	637.334
1.5250	637.766	637.581	637.242	638.044	636.902	637.087	637.025	637.211	637.581	637.303
2.0250	637.427	638.044	637.735	637.210	637.520	636.717	637.705	637.427	638.292	637.427
2.5250	637.767	637.396	638.045	637.705	638.106	637.736	638.322	637.458	638.415	637.272
3.0250	637.890	637.211	637.211	637.828	637.334	638.477	637.766	637.612	637.365	637.952
3.5250	637.674	637.952	638.322	638.662	637.396	639.126	638.415	638.569	639.002	639.218
4.0250	639.125	640.547	639.866	641.597	640.670	641.689	642.615	643.976	645.244	645.985
4.5250	647.969	648.868	650.936	652.940	655.560	658.334	662.031	664.588	668.222	672.686
5.0250	677.671	681.118	685.090	688.788	691.777	694.421	696.910	699.092	700.720	702.317
5.5250	703.454	704.160	705.910	706.955	706.924	706.893	707.384	708.889	708.521	708.275
6.0250	708.336	708.183	708.643	709.227	708.705	709.411	708.858	708.398	709.196	708.643
6.5250	708.275	708.981	708.428	708.674	708.889	708.828	708.428	708.029	708.766	708.643
7.0250	708.889	708.950	709.258	708.214	708.674	708.981	708.797	708.643	708.920	708.459
7.5250	709.135	708.336	709.043	708.920	708.429	708.766	708.736	708.551	708.766	708.306
8.0250	709.043	709.472	708.797	710.086	709.012	709.196	709.104	709.227	709.012	709.534
8.5250	709.012	709.626	709.104	708.889	709.043	709.503	709.073	709.073	709.104	709.718
9.0250	709.933	709.288	710.056	709.442	710.056	710.209	709.841	710.025	709.994	709.411
9.5250	709.933	709.994	710.302	710.179	711.345	709.718	710.793	709.902	710.240	710.025
10.0250	710.762	710.578	709.872	709.902	710.025	710.455	710.271	710.608	709.718	710.701
10.5250	709.933	710.823	711.253	709.780	710.455	711.008	709.688	710.117	711.130	710.332
11.0250	710.639	710.332	710.670	710.823	711.038	710.885	711.284	710.179	710.240	710.517
11.5250	710.762	711.284	710.885	710.670	710.486	710.885	710.854	711.315	711.622	710.946
12.0250	711.530	711.038	711.683	710.946	711.438	711.100	711.775	711.100	711.775	712.113
12.5250	712.512	712.174	711.407	712.573	711.560	712.420	711.806	711.898	712.144	711.867
13.0250	711.683	711.714	711.806	712.358	711.867	713.003	712.113	712.972	711.929	711.929
13.5250	711.959	713.034	711.837	711.745	712.543	712.297	712.328	711.929	713.249	712.021
14.0250	713.525	712.696	712.359	713.157	712.420	712.604	713.126	712.604	712.205	712.696
14.5250	712.942	712.665	713.586	712.481	712.542	712.880	712.850	712.911	712.911	712.635
15.0250	712.788	713.064	712.942	712.911	713.832	713.985	713.126	713.341	712.696	713.064
15.5250	713.494	714.077	713.494	713.832	713.617	713.402	713.310	712.788	713.924	713.955
16.0250	713.801	713.832	713.556	713.985	713.801	714.139	714.170	713.187	713.832	713.617
16.5250	714.937	713.863	713.218	714.599	714.354	714.139	713.771	714.231	714.938	714.691
17.0250	714.078	714.016	714.783	714.599	715.029	714.630	714.139	714.231	714.292	714.415
17.5250	715.428	714.384	713.955	714.784	714.262	715.305	714.876	715.182	714.538	715.336
18.0250	714.753	715.060	715.275	715.551	715.182	716.103	715.090	715.305	714.968	715.582
18.5250	714.722	715.060	715.674	715.459	715.029	715.766	715.520	715.612	716.042	715.213
19.0250	715.612	715.336	716.042	715.735	716.103	715.520	716.226	715.581	715.980	715.489
19.5250	715.950	715.520	716.502	715.858	716.533	716.165	715.950	716.073	716.871	716.073
20.0250	716.226	717.239	716.318	716.963	717.147	716.594	716.318	716.963	717.085	716.502
20.5250	716.380	717.208	716.963	717.638	716.932	717.484	716.011	717.731	717.208	717.025
21.0250	717.270	717.086	717.638	716.809	717.086	717.577	717.515	717.699	717.178	717.085
21.5250	718.006	717.392	717.086	717.822	718.221	717.178	717.669	718.037	717.884	718.129
22.0250	718.037	717.976	717.976	718.374	717.914	717.976	718.773	718.498	717.884	717.976
22.5250	718.589	718.651	718.682	718.314	717.976	718.620	718.836	719.080	718.805	719.357
23.0250	719.142	719.664	718.897	718.866	719.971	718.866	719.112	718.375	719.327	718.989
23.5250	718.775	719.204	719.358	719.849	719.695	718.897	719.941	719.419	719.971	719.388
24.0250	720.064	719.757	720.647	720.187	720.217	719.849	719.909	720.248	719.756	720.094
24.5250	720.095	720.525	719.941	720.248	720.648	719.879	720.678	720.801	721.078	721.046

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) TC14 K RECORD = 58

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0250	721.322	720.924	721.200	720.894	720.708	720.616	720.832	721.262	720.770	722.429
25.5250	721.692	722.093	721.138	721.630	722.307	721.814	721.200	721.017	721.384	721.999
26.0250	722.246	721.723	721.231	720.247	715.980	712.635	706.340	701.641	695.374	688.175
26.5250	682.596	676.840	671.639	667.052	663.418	659.906	657.255	654.203	652.724	651.460
27.0250	650.380	649.362	648.620	647.566	647.412	646.760	646.699	646.297	646.048	646.420
27.5250	645.801	646.296	645.490	646.079	645.893	645.988	645.490	645.429	645.676	645.212
28.0250	645.708	646.111	645.677	645.676	644.934	645.366	645.739	645.645	645.182	645.026
28.5250	645.925	645.243	645.646	645.182	645.400	645.583	645.677	645.367	645.830	645.707
29.0250	645.616	645.087	645.368	645.584	645.832	645.585	645.801	645.552	645.242	645.520
29.5250	645.427	645.708	645.862	645.956	645.398	645.956	645.521	645.553	645.737	645.770
30.0250	645.521	645.800	645.738	645.429	645.646	645.678	645.398	646.791	645.955	646.171
30.5250	645.582	645.987	646.234	646.172	646.328	645.923	646.791	646.357	646.390	645.987
31.0250	646.388	646.389	646.855	646.481	646.822	646.109	646.511	646.666	646.791	646.387
31.5250	647.223	646.543	647.101	646.729	647.037	646.575	647.040	647.163	646.884	647.720
32.0250	646.760	646.946	647.071	647.196	647.255	647.410	647.009	647.504	647.224	647.225
32.5250	647.164	647.286	647.380	647.379	647.473	647.812	647.101	647.473	647.413	647.752
33.0250	647.691	647.536	648.184	647.660	648.370	647.968	647.999	648.125	648.186	648.186
33.5250	647.846	648.032	648.926	648.156	648.712	648.064	648.155	648.248	648.650	648.618
34.0250	648.215	648.219	649.053	648.216	648.403	648.929	648.928	648.927	648.620	649.268
34.5250	648.622	649.485	649.115	649.792	649.023	649.454	649.022	649.362	648.991	649.731
35.0250	649.423	649.917	649.763	649.362	649.701	649.763	649.608	649.916	650.226	649.424
35.5250	649.949	650.534	650.195	649.826	650.720	649.640	650.287	649.857	650.163	649.887
36.0250	649.856	650.196	650.380	650.164	650.843	650.689	650.565	651.244	650.936	650.010
36.5250	650.472	651.151	650.689	650.349	650.472	650.566	650.720	650.997	651.367	651.429
37.0250	651.275	651.552	651.429	651.398	651.306	651.768	651.244	651.767	651.306	651.613
37.5250	651.429	651.644	651.522	651.583	651.613	651.984	652.138	651.984	651.738	651.366
38.0250	651.738	652.971	652.447	651.738	652.755	652.200	653.186	652.632	652.354	652.200
38.5250	652.476	652.416	652.292	652.724	653.341	653.680	653.094	652.909	652.940	653.495
39.0250	653.217	653.464	653.248	652.940	652.878	653.526	653.526	653.772	653.002	653.772
39.5250	653.588	653.526	654.204	653.896	653.433	654.327	653.433	653.896	653.187	654.605
40.0250	654.605	654.605	654.605	654.605	654.605	654.605	654.605	654.605	654.605	654.605
40.5250	654.605	654.605	654.605	654.605	654.605	654.605	654.605	654.605	654.605	654.605
41.0250	654.605	654.605	654.605	654.605	654.605	654.605	654.605	654.605	654.605	654.605
41.5250	654.605	654.605	654.605	654.605	654.605	654.605	654.605	654.605	654.605	654.605
42.0250	654.605	654.605	654.605	654.605	654.605	654.605	654.605	654.605	654.605	654.605
42.5250	654.605	654.605	654.605	654.605	654.605	654.605	654.605	654.605	654.605	654.605
43.0250	654.605	654.605	654.605	654.605	654.605	654.605	654.605	654.605	654.605	654.605
43.5250	654.605	654.605	654.605	654.605	654.605	654.605	654.605	654.605	654.605	654.605
44.0250	654.605	654.605	654.605	654.605	654.605	654.605	654.605	654.605	654.605	654.605
44.5250	654.605	654.605	654.605	654.605	654.605	654.605	654.605	654.605	654.605	654.605
45.0250	654.605	654.605	654.605	654.605	654.605	654.605	654.605	654.605	654.605	654.605
45.5250	654.605	654.605	654.605	654.605	654.605	654.605	654.605	654.605	654.605	654.605
46.0250	654.605	654.605	654.605	654.605	654.605	654.605	654.605	654.605	654.605	654.605
46.5250	654.605	654.605	654.605	654.605	654.605	654.605	654.605	654.605	654.605	654.605
47.0250	654.605	654.605	654.605	654.605	654.605	654.605	654.605	654.605	654.605	654.605
47.5250	654.605	654.605	654.605	654.605	654.605	654.605	654.605	654.605	654.605	654.605
48.0250	654.605	654.605	654.605	654.605	654.605	654.605	654.605	654.605	654.605	654.605
48.5250	654.605	654.605	654.605	654.605	654.605	654.605	654.605	654.605	654.605	654.605
49.0250	654.605	654.605	654.605	654.605	654.605	654.605	654.605	654.605	654.605	654.605
49.5250	654.605	654.605	654.605	654.605	654.605	654.605	654.605	654.605	654.605	654.605

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) TC15 K RECORD = 59

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	637.192	637.192	638.056	637.501	637.408	636.883	637.902	636.729	637.099	637.130
0.5250	637.346	637.377	637.747	638.056	637.346	637.624	636.667	637.748	636.698	637.593
1.0250	637.007	637.778	637.007	637.655	636.883	637.161	637.161	636.790	637.284	637.346
1.5250	636.296	637.562	636.790	638.056	637.099	636.574	637.562	637.068	637.253	637.068
2.0250	637.007	638.396	636.358	637.099	638.087	636.976	637.501	637.285	637.531	637.192
2.5250	637.253	636.976	637.037	636.945	638.180	636.790	637.562	637.439	637.593	637.284
3.0250	637.284	637.408	638.118	638.056	637.254	637.686	637.377	637.655	637.192	638.056
3.5250	637.748	638.087	637.439	638.273	638.550	638.180	638.180	638.859	638.766	638.890
4.0250	639.631	640.526	640.804	640.897	641.915	642.255	642.780	644.323	645.834	646.822
4.5250	648.950	649.783	651.880	654.686	656.689	659.524	663.344	667.132	671.535	675.321
5.0250	679.966	683.903	686.486	690.698	694.079	696.076	700.377	702.128	704.217	704.616
5.5250	706.797	707.257	708.486	709.222	709.652	711.218	710.481	711.648	711.894	710.942
6.0250	711.587	711.433	710.911	712.139	711.126	712.200	711.464	711.925	711.832	712.292
6.5250	712.139	711.740	711.679	712.078	711.526	711.955	711.587	712.139	711.740	711.893
7.0250	711.555	710.666	712.447	711.709	712.017	711.832	712.538	711.494	712.907	712.692
7.5250	710.788	711.924	711.955	712.814	711.525	710.973	711.065	711.526	711.648	712.263
8.0250	711.679	711.556	712.324	712.324	712.170	712.968	712.385	713.122	711.433	713.183
8.5250	712.170	712.201	712.231	713.091	712.569	713.184	712.508	711.587	712.508	712.845
9.0250	712.753	712.754	713.122	712.293	712.477	713.030	712.569	713.122	713.829	712.999
9.5250	713.522	712.385	712.847	712.937	714.105	712.324	714.290	713.706	713.399	714.044
10.0250	713.184	713.767	712.969	713.306	713.246	713.767	713.431	713.122	713.460	713.061
10.5250	714.596	713.859	713.460	713.521	712.784	713.797	713.093	714.566	713.429	714.320
11.0250	713.706	713.890	713.768	713.368	713.982	713.676	715.212	714.136	714.412	713.491
11.5250	714.997	714.044	715.304	714.873	714.412	714.599	715.056	714.044	715.059	714.719
12.0250	715.027	714.566	714.843	713.798	714.105	714.598	715.213	714.535	714.198	715.181
12.5250	715.395	715.426	714.197	714.749	715.364	715.705	715.273	714.383	715.519	715.518
13.0250	715.395	715.058	716.011	715.458	715.457	715.517	714.597	715.641	715.089	715.181
13.5250	714.873	716.042	714.535	715.642	715.089	715.765	715.612	715.243	715.519	715.302
14.0250	716.103	715.273	716.993	715.057	716.440	715.919	716.656	715.058	716.779	715.579
14.5250	717.086	715.427	715.826	716.317	715.980	715.580	716.227	716.502	716.564	715.580
15.0250	717.608	716.411	715.795	716.194	716.287	716.072	715.766	717.179	717.211	716.533
15.5250	716.687	716.317	716.347	716.441	717.025	717.887	716.593	717.607	716.441	717.271
16.0250	716.194	716.440	716.687	717.548	717.395	716.841	717.947	717.856	717.547	716.993
16.5250	718.193	716.932	716.963	717.118	717.856	717.825	718.287	717.395	717.394	717.240
17.0250	718.040	717.209	717.517	717.947	717.517	717.148	718.500	718.440	717.455	718.440
17.5250	718.439	717.977	717.825	718.409	718.471	718.715	718.468	718.223	717.823	719.270
18.0250	718.317	718.715	718.530	719.208	718.346	718.070	719.146	719.178	718.746	719.115
18.5250	718.407	717.700	718.070	720.222	718.501	719.547	719.299	719.147	719.270	718.837
19.0250	719.238	718.624	720.438	719.054	719.730	718.622	718.777	719.330	719.332	719.116
19.5250	718.437	719.545	719.761	720.221	719.885	720.131	719.638	719.513	720.529	719.484
20.0250	719.329	720.497	719.452	720.100	719.207	720.499	719.822	720.561	719.544	720.255
20.5250	720.252	720.867	720.468	721.145	720.835	720.744	720.190	720.315	720.867	720.745
21.0250	720.251	720.869	720.191	720.590	720.313	721.021	721.881	720.375	721.761	721.359
21.5250	721.820	720.991	721.083	720.898	720.838	720.991	721.298	721.267	720.345	721.331
22.0250	721.422	720.712	721.852	721.422	721.789	721.389	722.099	721.422	721.484	721.635
22.5250	721.053	721.575	722.099	723.111	721.822	722.651	720.930	721.545	722.958	722.896
23.0250	722.377	722.530	722.191	722.777	722.377	722.375	723.052	723.021	722.408	722.190
23.5250	723.298	723.021	723.573	722.837	722.930	723.329	722.806	722.254	723.823	723.299
24.0250	723.852	723.054	724.558	723.699	724.681	723.975	724.005	723.116	723.513	723.423
24.5250	724.375	723.329	724.313	724.284	724.836	724.713	724.160	724.896	724.008	724.559

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) TC15 K RECORD = 60

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0250	724.469	724.928	725.021	724.713	725.635	725.697	724.837	724.469	724.991	725.697
25.5250	724.684	725.665	725.574	724.930	724.806	725.236	725.359	725.635	725.235	726.003
26.0250	726.341	726.003	724.560	722.500	718.378	713.307	707.748	700.562	694.847	688.945
26.5250	683.103	676.797	671.689	667.133	663.652	660.634	657.799	655.795	653.052	652.342
27.0250	651.386	650.091	649.413	648.888	647.686	647.716	647.223	647.346	646.729	647.007
27.5250	646.236	646.544	646.390	646.020	646.390	646.235	645.804	645.896	646.421	645.989
28.0250	646.051	645.557	645.773	646.267	645.865	646.236	645.773	645.989	646.266	645.495
28.5250	646.174	646.020	645.711	646.174	646.112	645.742	645.495	645.804	646.020	645.896
29.0250	645.711	645.434	645.773	646.112	646.174	645.588	646.637	646.143	645.927	646.020
29.5250	645.680	646.205	645.958	646.297	645.742	646.174	645.711	646.575	645.989	646.297
30.0250	645.835	646.112	645.835	645.865	646.082	646.914	645.588	646.143	645.742	646.051
30.5250	646.513	646.359	645.927	645.958	646.236	646.020	646.760	646.390	646.822	646.483
31.0250	646.205	646.544	646.914	646.760	646.205	646.205	646.667	646.359	647.099	647.038
31.5250	647.593	646.421	647.377	646.575	646.698	647.223	646.729	647.871	646.359	646.942
32.0250	647.007	646.822	647.130	646.883	647.099	647.747	647.377	647.130	647.408	647.562
32.5250	647.346	647.284	647.593	648.087	647.192	648.364	647.655	647.901	647.655	647.624
33.0250	647.624	647.994	648.457	647.531	648.056	648.025	648.241	647.685	647.562	647.747
33.5250	648.056	648.302	648.395	648.025	648.271	648.302	647.932	648.148	649.227	648.303
34.0250	648.179	648.487	648.888	648.210	648.518	648.333	649.135	648.950	648.488	648.858
34.5250	648.827	648.950	648.950	649.289	648.888	649.906	649.228	649.351	649.166	649.351
35.0250	649.259	649.135	649.598	649.536	649.197	649.074	649.814	650.029	649.977	649.752
35.5250	649.475	649.598	649.999	649.999	650.615	649.536	650.060	650.307	650.184	650.030
36.0250	650.770	650.215	650.400	650.307	651.109	650.554	650.338	650.245	650.554	650.831
36.5250	650.585	650.616	650.369	650.431	651.109	650.986	651.479	651.232	650.770	651.263
37.0250	651.109	651.325	650.770	651.571	651.294	651.109	651.171	651.294	651.572	651.972
37.5250	651.294	651.417	652.003	651.633	651.386	652.219	651.386	651.726	652.034	651.294
38.0250	651.880	652.065	652.527	652.928	651.695	652.188	652.157	652.312	653.052	652.373
38.5250	652.959	652.620	652.774	652.712	652.928	652.219	652.712	653.051	652.990	652.836
39.0250	652.866	653.051	653.175	653.175	653.483	653.052	652.990	654.007	653.853	652.990
39.5250	653.206	653.174	653.884	653.329	653.422	653.730	653.483	654.038	653.761	653.761
40.0250	653.761	653.761	653.761	653.761	653.761	653.761	653.761	653.761	653.761	653.761
40.5250	653.761	653.761	653.761	653.761	653.761	653.761	653.761	653.761	653.761	653.761
41.0250	653.761	653.761	653.761	653.761	653.761	653.761	653.761	653.761	653.761	653.761
41.5250	653.761	653.761	653.761	653.761	653.761	653.761	653.761	653.761	653.761	653.761
42.0250	653.761	653.761	653.761	653.761	653.761	653.761	653.761	653.761	653.761	653.761
42.5250	653.761	653.761	653.761	653.761	653.761	653.761	653.761	653.761	653.761	653.761
43.0250	653.761	653.761	653.761	653.761	653.761	653.761	653.761	653.761	653.761	653.761
43.5250	653.761	653.761	653.761	653.761	653.761	653.761	653.761	653.761	653.761	653.761
44.0250	653.761	653.761	653.761	653.761	653.761	653.761	653.761	653.761	653.761	653.761
44.5250	653.761	653.761	653.761	653.761	653.761	653.761	653.761	653.761	653.761	653.761
45.0250	653.761	653.761	653.761	653.761	653.761	653.761	653.761	653.761	653.761	653.761
45.5250	653.761	653.761	653.761	653.761	653.761	653.761	653.761	653.761	653.761	653.761
46.0250	653.761	653.761	653.761	653.761	653.761	653.761	653.761	653.761	653.761	653.761
46.5250	653.761	653.761	653.761	653.761	653.761	653.761	653.761	653.761	653.761	653.761
47.0250	653.761	653.761	653.761	653.761	653.761	653.761	653.761	653.761	653.761	653.761
47.5250	653.761	653.761	653.761	653.761	653.761	653.761	653.761	653.761	653.761	653.761
48.0250	653.761	653.761	653.761	653.761	653.761	653.761	653.761	653.761	653.761	653.761
48.5250	653.761	653.761	653.761	653.761	653.761	653.761	653.761	653.761	653.761	653.761
49.0250	653.761	653.761	653.761	653.761	653.761	653.761	653.761	653.761	653.761	653.761
49.5250	653.761	653.761	653.761	653.761	653.761	653.761	653.761	653.761	653.761	653.761

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) TC'S K RECORD = 61

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	637.994	638.458	637.902	637.593	637.531	637.408	638.458	637.840	637.655	637.717
0.5250	639.105	638.241	638.087	637.624	637.933	636.481	637.871	638.396	637.068	637.531
1.0250	638.056	637.624	636.91[illegible]	637.716	637.408	638.056	637.377	638.581	638.180	637.439
1.5250	638.180	637.964	637.531	638.766	638.242	638.118	637.871	638.210	637.130	637.439
2.0250	637.531	638.056	637.624	637.933	637.994	637.470	636.975	637.408	637.809	637.624
2.5250	637.377	637.716	637.933	638.272	637.902	637.130	637.469	638.365	636.975	637.778
3.0250	638.087	637.315	637.716	637.531	638.272	637.902	637.408	637.840	637.501	638.303
3.5250	637.377	637.531	636.921	638.365	638.334	637.346	638.087	639.075	637.902	637.994
4.0250	637.470	637.593	637.624	637.501	637.562	637.871	637.439	637.562	637.470	637.655
4.5250	638.118	637.439	637.562	637.995	637.933	637.501	637.655	638.272	638.056	637.501
5.0250	638.427	637.407	638.427	637.995	637.717	637.470	638.211	637.254	638.149	637.778
5.5250	639.631	637.346	638.334	637.871	638.458	639.075	639.075	637.284	638.180	638.427
6.0250	639.105	638.025	637.686	638.519	638.210	638.149	638.056	638.056	638.643	638.612
6.5250	638.982	638.149	638.519	639.106	637.871	638.489	638.550	638.149	638.180	638.458
7.0250	638.674	638.427	639.106	639.137	638.025	638.458	639.507	638.488	638.211	637.902
7.5250	638.118	638.519	638.859	638.612	638.550	638.952	638.334	638.303	637.408	638.704
8.0250	638.643	637.995	639.013	638.581	637.840	638.890	638.921	638.519	637.902	638.766
8.5250	637.964	638.272	638.890	638.365	638.550	638.334	639.075	637.964	639.075	639.075
9.0250	638.458	638.519	638.705	638.921	639.445	639.322	637.871	638.427	639.075	639.322
9.5250	638.458	638.458	639.137	638.890	638.828	638.674	638.951	637.933	638.797	637.840
10.0250	637.994	638.890	637.964	638.581	639.106	638.427	638.519	638.149	638.550	638.489
10.5250	638.056	638.550	638.396	637.500	638.427	639.075	638.704	637.315	638.488	638.180
11.0250	638.087	638.488	638.241	639.106	638.303	638.427	638.704	638.612	638.272	638.920
11.5250	638.828	638.581	637.562	637.778	639.013	637.871	638.673	638.427	638.488	638.334
12.0250	638.180	637.933	639.137	638.427	638.087	638.087	637.470	637.809	639.569	638.643
12.5250	638.365	638.396	638.334	638.211	638.025	637.346	638.087	639.106	637.747	638.180
13.0250	639.260	638.488	638.180	638.488	638.180	638.890	638.365	638.550	638.643	638.736
13.5250	638.797	638.890	638.859	638.519	638.427	638.735	638.211	637.809	638.828	637.933
14.0250	637.964	637.747	638.241	638.952	638.735	638.612	638.550	638.303	638.797	637.593
14.5250	637.871	638.704	638.149	638.859	638.087	638.458	638.982	638.427	638.643	637.686
15.0250	638.211	638.797	638.735	638.087	638.488	637.902	638.272	640.001	638.056	639.569
15.5250	638.952	637.840	638.982	638.551	637.933	638.612	638.427	638.766	638.581	638.766
16.0250	638.334	638.056	637.902	639.075	638.859	638.797	638.519	638.365	637.995	638.920
16.5250	638.334	638.149	639.199	638.489	638.952	638.180	638.921	639.569	639.569	638.272
17.0250	639.785	638.704	639.044	639.168	638.581	638.581	638.396	638.766	639.507	639.291
17.5250	639.167	638.365	639.106	638.674	638.766	638.488	638.674	639.137	639.167	639.322
18.0250	639.476	639.939	638.612	639.353	638.458	638.396	638.982	638.982	638.736	638.797
18.5250	638.519	638.643	639.168	638.828	639.044	639.816	639.291	638.890	639.970	639.939
19.0250	639.878	639.106	638.489	640.156	639.106	638.859	639.075	638.643	638.921	639.229
19.5250	638.766	639.909	639.044	639.013	639.106	639.445	639.075	638.457	638.705	638.982
20.0250	639.199	638.890	639.229	639.353	639.384	638.951	639.939	639.939	639.291	639.908
20.5250	638.612	639.199	640.032	638.982	638.983	638.952	639.600	639.445	639.137	639.600
21.0250	639.816	638.705	640.001	639.322	639.785	640.001	640.248	639.075	638.983	640.062
21.5250	639.939	639.662	639.291	639.970	640.557	640.094	640.618	638.643	639.661	640.464
22.0250	640.371	639.291	640.310	640.742	639.785	639.723	639.754	639.847	639.970	640.371
22.5250	640.156	639.415	640.063	640.958	639.878	639.384	640.063	640.989	640.618	641.019
23.0250	639.816	639.538	640.526	640.526	640.804	639.723	640.248	640.125	640.680	640.341
23.5250	640.001	641.081	640.001	640.557	641.113	640.526	640.526	641.020	640.804	640.186
24.0250	640.618	640.565	639.847	640.495	641.143	640.618	640.618	641.452	640.588	641.760
24.5250	641.390	642.254	641.421	640.156	641.452	641.359	640.341	640.835	641.729	641.606

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) TC16 K RECORD = 62

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0250	642.038	641.976	642.439	641.236	641.884	642.563	640.958	641.884	642.131	641.791
25.5250	640.742	642.655	642.131	641.637	642.224	642.285	642.655	642.439	642.656	642.501
26.0250	641.267	641.730	641.791	643.304	642.254	641.853	642.594	641.668	642.193	642.162
26.5250	642.440	642.069	642.810	642.193	642.594	641.730	642.286	641.946	642.131	641.915
27.0250	642.039	642.409	641.854	642.131	641.947	642.039	642.101	642.625	642.502	642.132
27.5250	642.687	642.563	641.854	643.119	642.162	642.533	641.977	642.132	642.502	642.471
28.0250	642.502	643.119	642.039	642.348	642.564	642.626	642.563	642.502	642.934	642.039
28.5250	642.718	642.934	643.767	643.088	642.996	642.811	642.718	643.088	643.490	643.613
29.0250	643.397	643.212	643.490	643.520	643.242	643.150	643.551	643.582	643.366	643.459
29.5250	643.860	644.384	643.860	643.983	643.798	644.137	643.829	644.353	644.138	643.767
30.0250	644.385	644.261	643.860	643.675	644.138	644.168	644.354	644.878	644.014	644.878
30.5250	644.323	643.767	644.539	644.693	644.878	644.230	645.248	644.508	645.001	644.508
31.0250	644.724	644.847	644.755	645.063	645.063	645.156	645.217	645.125	644.754	645.341
31.5250	645.403	645.341	645.094	645.372	645.156	645.896	645.865	645.927	645.063	646.050
32.0250	646.020	646.328	646.112	646.328	645.866	645.402	646.051	646.421	646.483	646.822
32.5250	646.020	646.606	646.359	646.698	645.680	646.637	646.575	646.575	646.390	646.729
33.0250	646.637	646.637	647.068	646.884	646.760	646.853	646.883	647.161	647.223	647.130
33.5250	647.007	646.976	647.161	646.914	647.932	647.439	647.932	647.408	647.470	647.500
34.0250	647.439	647.408	648.271	647.963	647.346	647.624	648.179	648.333	648.056	647.809
34.5250	648.272	648.857	648.333	648.611	647.963	648.487	648.487	648.734	648.549	648.857
35.0250	649.228	648.796	649.505	648.857	648.179	648.858	649.166	648.549	649.073	649.012
35.5250	649.474	648.888	648.827	649.043	649.474	649.690	649.227	649.351	649.135	649.659
36.0250	649.721	649.567	649.351	650.122	649.752	650.215	650.338	649.289	649.906	649.814
36.5250	649.660	650.430	650.369	650.153	650.430	650.677	649.721	650.523	650.338	650.801
37.0250	649.999	651.047	650.677	650.492	650.770	651.078	650.646	651.201	650.862	650.862
37.5250	651.232	651.633	651.109	651.417	651.201	651.417	651.664	651.726	651.818	651.170
38.0250	652.157	651.571	651.726	651.448	652.157	652.034	652.558	651.417	652.219	651.880
38.5250	651.448	652.250	652.928	652.127	652.281	652.620	652.312	652.496	652.281	652.805
39.0250	652.990	652.404	652.373	652.651	652.866	652.188	652.712	653.298	653.360	653.206
39.5250	652.774	653.945	652.990	653.452	653.391	653.483	653.360	653.576	653.483	653.298
40.0250	653.298	653.298	653.298	653.298	653.298	653.298	653.298	653.298	653.298	653.298
40.5250	653.298	653.298	653.298	653.298	653.298	653.298	653.298	653.298	653.298	653.298
41.0250	653.298	653.298	653.298	653.298	653.298	653.298	653.298	653.298	653.298	653.298
41.5250	653.298	653.298	653.298	653.298	653.298	653.298	653.298	653.298	653.298	653.298
42.0250	653.298	653.298	653.298	653.298	653.298	653.298	653.298	653.298	653.298	653.298
42.5250	653.298	653.298	653.298	653.298	653.298	653.298	653.298	653.298	653.298	653.298
43.0250	653.298	653.298	653.298	653.298	653.298	653.298	653.298	653.298	653.298	653.298
43.5250	653.298	653.298	653.298	653.298	653.298	653.298	653.298	653.298	653.298	653.298
44.0250	653.298	653.298	653.298	653.298	653.298	653.298	653.298	653.298	653.298	653.298
44.5250	653.298	653.298	653.298	653.298	653.298	653.298	653.298	653.298	653.298	653.298
45.0250	653.298	653.298	653.298	653.298	653.298	653.298	653.298	653.298	653.298	653.298
45.5250	653.298	653.298	653.298	653.298	653.298	653.298	653.298	653.298	653.298	653.298
46.0250	653.298	653.298	653.298	653.298	653.298	653.298	653.298	653.298	653.298	653.298
46.5250	653.298	653.298	653.298	653.298	653.298	653.298	653.298	653.298	653.298	653.298
47.0250	653.298	653.298	653.298	653.298	653.298	653.298	653.298	653.298	653.298	653.298
47.5250	653.298	653.298	653.298	653.298	653.298	653.298	653.298	653.298	653.298	653.298
48.0250	653.298	653.298	653.298	653.298	653.298	653.298	653.298	653.298	653.298	653.298
48.5250	653.298	653.298	653.298	653.298	653.298	653.298	653.298	653.298	653.298	653.298
49.0250	653.298	653.298	653.298	653.298	653.298	653.298	653.298	653.298	653.298	653.298
49.5250	653.298	653.298	653.298	653.298	653.298	653.298	653.298	653.298	653.298	653.298

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) TC17 K RECORD = 63

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	638.396	637.964	637.315	638.396	638.025	637.933	639.692	638.025	638.149	637.717
0.5250	638.272	638.272	637.871	638.581	638.056	638.087	638.489	638.180	638.056	637.624
1.0250	638.056	638.612	637.995	638.303	638.767	638.519	637.593	638.458	638.180	638.519
1.5250	638.705	638.307	638.242	638.242	638.242	638.241	637.748	638.211	638.458	637.933
2.0250	637.902	638.27[illegible]	637.408	638.149	637.809	637.779	638.396	638.303	638.520	638.025
2.5250	638.612	637.748	639.168	638.211	638.519	637.779	638.828	638.427	637.562	637.933
3.0250	638.520	637.717	637.871	638.674	638.520	638.581	637.995	639.106	638.211	638.736
3.5250	638.272	638.519	637.871	638.550	637.933	637.994	638.304	638.766	638.396	637.778
4.0250	637.902	637.377	637.501	638.550	637.562	638.056	637.902	638.427	638.303	638.303
4.5250	639.013	638.674	637.747	638.859	638.797	638.334	638.921	638.983	637.315	638.983
5.0250	638.921	638.550	639.230	639.013	639.014	638.767	638.797	638.643	638.396	638.983
5.5250	638.797	638.427	638.489	638.612	639.014	638.612	639.322	639.353	639.353	638.334
6.0250	638.859	638.550	638.736	639.106	638.705	638.180	638.952	639.415	638.921	639.199
6.5250	639.693	639.137	639.106	639.415	638.519	639.014	638.952	638.797	638.458	639.261
7.0250	638.952	638.952	639.106	639.415	639.785	638.767	638.859	638.921	639.291	639.816
7.5250	638.952	639.106	639.353	638.674	639.322	638.581	639.044	638.859	639.384	638.736
8.0250	639.322	639.013	639.291	640.094	638.612	639.075	639.693	638.859	638.952	639.477
8.5250	638.581	638.921	639.662	638.056	639.137	638.828	639.477	638.983	639.106	639.415
9.0250	639.353	638.828	640.619	638.797	639.538	639.755	638.828	639.260	639.662	639.075
9.5250	638.550	639.044	638.952	639.075	639.137	638.921	639.137	638.489	638.797	639.847
10.0250	638.581	639.014	638.828	639.507	639.229	639.075	639.230	639.168	639.137	639.662
10.5250	638.982	639.322	639.106	638.303	638.056	639.569	638.581	638.303	639.260	638.519
11.0250	638.828	638.921	639.106	638.797	639.137	639.970	639.013	639.199	638.365	639.075
11.5250	639.044	639.446	639.014	639.322	638.612	639.230	639.168	638.921	639.353	638.859
12.0250	639.384	638.612	638.488	638.365	638.674	639.353	638.828	638.396	639.662	638.643
12.5250	638.489	638.921	638.519	638.983	639.693	640.094	639.075	639.600	639.569	639.507
13.0250	639.384	638.797	638.643	639.013	638.612	638.921	638.736	639.878	638.643	639.044
13.5250	638.674	639.291	639.075	638.242	638.520	639.291	638.736	638.273	639.384	638.674
14.0250	638.797	638.952	638.705	638.334	638.828	639.013	638.489	639.168	639.909	638.396
14.5250	638.828	639.230	639.198	639.539	639.168	639.013	638.766	638.890	639.353	638.334
15.0250	639.415	638.828	638.396	638.180	639.199	638.149	638.859	638.704	638.983	639.291
15.5250	638.921	639.446	639.106	639.476	638.890	638.427	638.736	639.600	639.631	638.673
16.0250	638.983	638.581	638.427	639.723	639.260	638.581	639.168	639.230	639.785	638.736
16.5250	638.612	639.044	638.180	638.705	639.538	638.766	638.303	640.063	639.538	638.705
17.0250	638.982	639.538	639.229	639.693	639.816	639.199	639.507	638.550	638.983	638.303
17.5250	638.828	639.847	638.859	638.643	639.322	639.353	639.446	639.878	639.569	639.199
18.0250	639.322	639.106	639.477	639.322	639.230	639.013	639.754	639.507	638.921	639.755
18.5250	639.693	639.322	639.137	639.909	639.816	639.755	639.322	639.477	638.797	639.168
19.0250	639.353	639.754	639.909	640.063	639.322	638.797	639.785	639.384	639.631	640.249
19.5250	640.187	639.446	640.403	639.569	640.125	639.415	640.125	639.477	638.890	639.600
20.0250	639.538	639.292	639.693	639.384	639.600	639.538	640.094	640.217	639.785	640.310
20.5250	639.415	639.724	640.032	640.032	640.217	640.094	639.538	639.724	639.816	640.094
21.0250	639.878	640.526	639.785	639.291	639.693	639.507	640.187	640.372	640.279	640.248
21.5250	640.094	639.538	640.619	640.619	640.341	640.310	639.878	640.125	640.279	640.434
22.0250	639.878	640.341	640.588	640.279	640.681	640.310	641.298	640.465	640.218	640.125
22.5250	639.847	640.835	640.928	640.372	640.742	640.680	640.835	641.082	640.835	640.742
23.0250	640.557	641.205	640.495	640.588	641.175	641.699	640.557	640.266	640.712	640.434
23.5250	640.773	641.360	641.113	641.051	641.020	641.020	642.039	640.804	641.144	641.452
24.0250	640.866	641.236	641.607	641.267	641.699	641.545	642.255	640.588	641.421	641.977
24.5250	641.113	641.391	641.576	641.452	641.668	641.977	640.743	642.131	642.101	641.761

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) TC17 K RECORD = 64

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0250	641.854	641.637	642.070	642.347	641.576	641.236	641.854	640.341	641.483	642.409
25.5250	641.916	642.039	642.286	642.625	642.255	642.255	642.039	642.348	642.625	642.132
26.0250	642.841	642.811	642.317	642.378	641.452	641.946	641.638	642.594	642.193	642.255
26.5250	642.995	642.008	641.360	641.761	642.533	642.348	642.533	643.026	642.039	642.286
27.0250	642.347	642.502	642.440	642.070	642.471	642.934	642.008	641.730	642.502	643.027
27.5250	642.872	642.163	642.224	642.656	642.718	642.594	642.471	642.378	642.471	642.934
28.0250	642.934	642.872	642.780	642.564	642.502	642.626	642.594	642.842	642.996	642.903
28.5250	643.335	643.181	642.811	643.521	643.737	642.872	643.181	643.582	642.996	643.983
29.0250	643.243	642.903	643.459	643.644	643.860	643.274	643.490	643.829	643.706	643.582
29.5250	643.644	643.675	644.138	644.261	643.675	644.230	643.675	644.076	644.230	644.662
30.0250	644.385	644.662	644.292	645.310	644.292	644.508	644.662	644.816	644.601	644.786
30.5250	644.508	644.724	644.878	644.631	644.786	644.570	644.970	644.724	645.742	645.063
31.0250	645.032	645.063	644.415	645.742	645.279	645.156	645.279	645.619	645.248	645.680
31.5250	645.804	645.434	645.773	645.495	645.896	646.020	645.217	646.421	646.020	646.390
32.0250	646.112	646.143	646.421	645.711	646.328	646.544	646.421	646.112	646.205	646.853
32.5250	646.513	646.359	646.637	646.575	647.315	646.667	647.346	647.161	646.637	647.192
33.0250	646.760	646.698	646.791	647.254	646.791	647.223	646.668	647.501	647.069	647.593
33.5250	647.747	647.315	647.562	647.501	647.686	647.593	647.809	647.809	647.994	647.809
34.0250	647.994	647.593	647.994	647.932	648.025	648.364	648.672	648.395	648.272	648.981
34.5250	648.673	648.673	648.611	648.179	648.488	648.796	648.734	649.043	649.043	648.888
35.0250	649.104	648.827	648.518	648.302	649.135	649.074	649.351	648.796	649.228	649.536
35.5250	649.629	649.629	649.166	649.536	649.937	649.721	649.814	649.845	650.369	649.937
36.0250	649.536	649.999	649.660	650.215	650.277	650.616	650.122	650.400	650.708	650.708
36.5250	650.523	650.739	650.492	650.647	650.307	651.078	650.523	650.862	650.616	650.862
37.0250	651.202	650.985	651.510	652.034	651.387	651.263	651.202	650.862	651.942	652.157
37.5250	651.448	651.849	651.911	651.911	652.373	651.911	651.387	651.787	651.911	651.572
38.0250	652.158	652.404	652.127	652.342	652.836	652.682	652.836	652.373	652.897	652.713
38.5250	652.836	652.558	652.774	652.651	653.699	652.558	652.712	652.589	652.713	653.422
39.0250	652.867	653.268	652.898	653.144	653.483	653.576	653.021	653.268	653.761	653.545
39.5250	653.638	653.422	654.069	653.267	653.977	653.853	653.699	653.946	654.223	654.562
40.0250	654.562	654.562	654.562	654.562	654.562	654.562	654.562	654.562	654.562	654.562
40.5250	654.562	654.562	654.562	654.562	654.562	654.562	654.562	654.562	654.562	654.562
41.0250	654.562	654.562	654.562	654.562	654.562	654.562	654.562	654.562	654.562	654.562
41.5250	654.562	654.562	654.562	654.562	654.562	654.562	654.562	654.562	654.562	654.562
42.0250	654.562	654.562	654.562	654.562	654.562	654.562	654.562	654.562	654.562	654.562
42.5250	654.562	654.562	654.562	654.562	654.562	654.562	654.562	654.562	654.562	654.562
43.0250	654.562	654.562	654.562	654.562	654.562	654.562	654.562	654.562	654.562	654.562
43.5250	654.562	654.562	654.562	654.562	654.562	654.562	654.562	654.562	654.562	654.562
44.0250	654.562	654.562	654.562	654.562	654.562	654.562	654.562	654.562	654.562	654.562
44.5250	654.562	654.562	654.562	654.562	654.562	654.562	654.562	654.562	654.562	654.562
45.0250	654.562	654.562	654.562	654.562	654.562	654.562	654.562	654.562	654.562	654.562
45.5250	654.562	654.562	654.562	654.562	654.562	654.562	654.562	654.562	654.562	654.562
46.0250	654.562	654.562	654.562	654.562	654.562	654.562	654.562	654.562	654.562	654.562
46.5250	654.562	654.562	654.562	654.562	654.562	654.562	654.562	654.562	654.562	654.562
47.0250	654.562	654.562	654.562	654.562	654.562	654.562	654.562	654.562	654.562	654.562
47.5250	654.562	654.562	654.562	654.562	654.562	654.562	654.562	654.562	654.562	654.562
48.0250	654.562	654.562	654.562	654.562	654.562	654.562	654.562	654.562	654.562	654.562
48.5250	654.562	654.562	654.562	654.562	654.562	654.562	654.562	654.562	654.562	654.562
49.0250	654.562	654.562	654.562	654.562	654.562	654.562	654.562	654.562	654.562	654.562
49.5250	654.562	654.562	654.562	654.562	654.562	654.562	654.562	654.562	654.562	654.562

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) TC18 K RECORD = 65

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	638.118	638.334	637.994	638.488	639.229	638.334	637.902	637.655	638.704	638.581
0.5250	637.902	637.593	638.210	639.260	637.686	639.631	637.994	639.260	638.643	638.365
1.0250	638.087	637.531	638.488	638.427	638.952	637.717	638.025	639.075	638.149	637.840
1.5250	637.840	638.149	638.427	638.334	638.457	638.396	637.994	638.951	638.643	637.562
2.0250	637.408	638.550	638.982	638.241	638.674	637.778	639.661	637.685	638.241	638.427
2.5250	639.137	638.303	638.797	637.500	637.778	637.624	638.396	638.921	639.013	638.674
3.0250	638.025	638.766	637.037	638.272	637.809	638.674	637.809	638.643	637.840	638.889
3.5250	639.044	638.488	638.365	638.643	638.210	638.396	638.179	638.365	638.674	638.704
4.0250	638.241	638.982	638.705	639.754	638.890	639.106	639.137	638.890	639.878	639.661
4.5250	639.662	640.588	639.692	640.341	640.588	641.915	642.254	642.502	644.075	643.921
5.0250	645.279	645.125	647.840	648.981	650.770	652.219	654.562	657.059	659.740	662.482
5.5250	664.761	669.226	672.089	674.858	678.335	681.350	684.918	688.238	690.237	693.003
6.0250	694.878	697.889	699.794	701.975	702.773	705.046	705.722	707.165	708.577	708.854
6.5250	709.222	709.867	711.525	711.004	711.403	712.295	713.338	712.386	713.429	713.553
7.0250	712.694	713.491	714.168	713.769	714.598	713.862	714.198	714.230	714.783	714.844
7.5250	714.721	714.905	715.581	715.735	715.335	715.398	715.120	715.644	715.829	715.675
8.0250	715.673	715.704	715.581	716.933	716.596	716.441	716.165	715.795	716.443	716.227
8.5250	716.966	716.658	715.982	716.811	716.780	716.996	716.595	715.951	716.104	715.734
9.0250	716.903	715.580	716.840	717.090	716.380	716.995	716.380	717.643	716.627	716.380
9.5250	717.610	717.120	717.825	717.273	717.397	717.148	716.842	717.364	717.950	717.547
10.0250	717.672	717.487	717.579	716.811	718.011	717.764	717.673	716.934	717.918	717.732
10.5250	718.442	717.825	718.532	718.748	718.225	719.026	718.535	718.287	718.839	718.564
11.0250	718.501	718.471	718.101	718.442	718.010	718.686	718.380	719.611	718.964	718.563
11.5250	718.871	718.687	718.995	718.502	719.333	718.902	718.503	718.749	718.902	718.164
12.0250	719.118	719.271	719.055	719.087	719.302	718.655	719.916	719.456	720.442	719.487
12.5250	719.304	719.332	720.842	719.026	720.194	719.765	719.855	720.041	719.517	720.317
13.0250	719.578	719.919	719.611	720.503	720.192	720.195	720.349	720.163	720.532	720.134
13.5250	719.671	720.163	720.165	720.717	720.102	721.178	720.378	720.779	720.223	720.687
14.0250	721.393	719.979	720.195	720.593	720.503	720.347	720.779	721.055	720.811	720.716
14.5250	720.533	720.995	721.609	720.440	721.270	720.286	722.102	720.748	721.240	722.439
15.0250	721.918	721.610	721.733	722.284	720.873	721.454	721.333	721.825	721.792	721.857
15.5250	721.424	722.410	722.254	722.164	721.057	720.441	721.638	721.517	721.703	722.594
16.0250	722.257	721.981	722.193	722.410	721.948	722.656	722.718	722.810	722.901	723.025
16.5250	723.331	722.962	722.040	722.623	722.870	722.011	723.363	723.118	723.177	722.808
17.0250	723.393	722.316	723.301	723.024	723.947	723.301	723.763	722.472	723.607	723.056
17.5250	723.854	722.872	722.994	724.005	723.486	722.808	722.963	723.793	722.471	723.178
18.0250	723.210	723.730	724.560	723.671	723.271	724.099	723.669	724.560	724.009	723.546
18.5250	724.131	723.669	724.376	724.131	724.346	724.038	724.161	723.792	723.852	723.364
19.0250	724.560	725.021	725.204	725.021	724.653	725.297	725.696	725.206	724.560	725.114
19.5250	725.144	724.653	725.696	724.408	725.113	725.697	724.990	724.745	725.113	725.052
20.0250	724.898	723.947	725.267	725.419	725.052	725.021	724.899	725.635	725.942	726.095
20.5250	724.807	725.543	725.788	725.144	725.605	725.911	725.114	726.096	725.788	726.341
21.0250	725.329	726.340	726.248	725.819	727.077	726.218	725.512	726.709	726.709	725.727
21.5250	726.617	726.280	726.709	727.261	727.016	726.648	726.065	726.034	727.231	726.833
22.0250	727.353	726.740	727.046	726.648	726.525	726.464	727.169	726.893	726.587	727.108
22.5250	727.292	727.844	726.280	728.243	727.415	727.139	727.568	727.630	726.955	727.599
23.0250	727.722	727.292	728.151	727.537	727.660	728.857	728.795	727.875	727.998	728.274
23.5250	729.041	728.765	728.182	728.089	728.734	728.734	728.366	729.133	729.010	728.703
24.0250	729.286	728.366	729.102	728.611	728.212	728.703	728.734	728.580	728.734	729.624
24.5250	729.746	729.378	728.795	729.593	728.887	729.041	730.268	729.900	729.838	729.624

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) TC18 K RECORD = 66

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0250	729.716	729.255	730.574	730.268	730.022	730.667	729.869	730.912	730.114	730.513
25.5250	730.206	730.053	730.820	730.943	730.759	731.188	731.219	730.820	731.004	730.513
26.0250	730.636	731.127	732.139	731.035	731.924	730.973	731.372	731.311	730.759	730.912
26.5250	730.881	730.881	730.943	730.636	729.439	728.305	725.112	722.503	718.472	715.180
27.0250	710.635	706.213	702.220	697.797	693.126	688.669	685.348	681.227	677.567	673.658
27.5250	670.858	668.579	666.517	665.254	663.036	661.126	659.339	658.292	657.213	657.213
28.0250	655.210	655.426	654.038	653.514	653.237	652.712	652.836	652.127	651.880	651.078
28.5250	651.140	650.369	650.955	650.276	650.492	650.246	650.029	649.629	649.228	649.474
29.0250	649.382	648.642	648.302	648.580	648.703	649.012	649.166	648.981	648.364	648.148
29.5250	648.734	648.734	648.426	648.148	647.531	647.562	647.778	648.672	648.148	648.796
30.0250	647.994	648.148	647.562	647.932	647.963	648.056	647.963	647.871	647.624	647.963
30.5250	647.686	647.192	647.655	647.254	647.963	647.562	648.025	647.871	647.747	647.562
31.0250	648.056	647.901	648.302	647.500	647.716	647.840	647.870	647.531	647.901	647.593
31.5250	647.500	647.223	648.703	647.994	647.747	647.901	647.686	648.272	647.902	648.148
32.0250	647.809	647.593	647.902	648.087	647.963	648.642	647.963	648.611	648.364	648.241
32.5250	648.025	648.302	647.686	648.426	648.241	648.672	648.179	648.056	648.518	647.994
33.0250	648.518	648.457	648.241	648.117	649.043	648.426	649.505	648.333	648.858	648.981
33.5250	648.919	648.487	649.320	648.457	648.765	648.518	649.289	648.919	648.333	648.857
34.0250	648.734	649.197	649.258	649.043	649.228	649.629	649.104	649.598	648.888	649.536
34.5250	648.981	649.567	649.104	649.814	648.858	649.999	649.505	650.214	649.351	649.814
35.0250	650.122	649.752	649.259	649.629	650.153	649.783	649.659	649.844	650.091	649.814
35.5250	650.276	650.030	650.307	649.999	650.338	649.721	651.016	650.061	650.677	650.369
36.0250	650.492	650.523	650.708	650.307	650.431	650.955	650.554	650.893	650.739	650.801
36.5250	650.369	651.201	651.356	651.448	650.955	651.140	650.369	650.400	650.893	651.325
37.0250	651.017	652.003	651.109	650.770	651.078	651.047	651.325	651.386	651.448	651.695
37.5250	651.726	651.787	650.862	652.435	652.003	652.127	651.787	651.479	652.096	652.065
38.0250	652.219	652.867	652.589	652.188	651.941	651.880	652.805	652.373	653.298	652.435
38.5250	652.836	651.787	652.466	652.527	653.483	652.928	652.188	652.743	652.990	652.959
39.0250	652.867	653.452	653.206	653.083	652.712	653.884	653.545	653.730	653.298	653.236
39.5250	653.113	654.439	653.237	653.853	653.083	653.946	652.959	653.637	653.514	653.853
40.0250	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853
40.5250	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853
41.0250	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853
41.5250	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853
42.0250	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853
42.5250	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853
43.0250	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853
43.5250	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853
44.0250	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853
44.5250	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853
45.0250	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853
45.5250	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853
46.0250	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853
46.5250	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853
47.0250	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853
47.5250	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853
48.0250	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853
48.5250	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853
49.0250	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853
49.5250	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853	653.853

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) TC19 K RECORD = 67

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	637.748	637.625	638.027	637.748	637.749	637.747	636.883	637.965	637.161	637.159
0.5250	637.129	637.563	637.964	638.026	637.314	636.511	637.407	638.180	638.118	638.088
1.0250	638.087	637.408	637.685	637.748	637.344	637.468	637.469	637.779	637.995	637.129
1.5250	638.305	637.718	637.469	637.841	637.963	637.284	637.810	637.593	638.428	637.933
2.0250	636.852	637.747	637.717	638.273	637.284	637.253	637.593	637.531	638.057	637.810
2.5250	637.314	637.933	637.192	637.810	637.810	637.315	638.150	637.530	637.933	638.335
3.0250	637.191	637.623	637.593	637.810	637.934	637.254	638.242	637.469	637.624	637.531
3.5250	637.746	637.718	637.715	637.964	637.532	637.872	637.935	637.377	637.440	637.160
4.0250	637.500	637.036	637.469	637.780	637.314	638.211	637.313	637.654	637.747	637.902
4.5250	637.501	637.901	637.871	637.624	636.913	637.376	637.129	637.469	636.697	636.942
5.0250	637.438	636.943	637.529	637.746	637.592	637.344	638.427	637.562	638.242	637.221
5.5250	637.500	637.099	637.995	637.562	638.118	638.120	638.242	636.821	637.377	637.532
6.0250	636.850	637.285	637.901	638.026	637.315	636.264	637.501	637.594	638.275	636.821
6.5250	637.563	637.314	637.749	637.440	637.285	636.575	637.995	637.966	637.872	638.800
7.0250	637.131	637.531	638.490	638.058	637.378	637.655	637.191	637.625	637.409	637.749
7.5250	637.191	636.790	637.778	637.716	636.636	637.933	637.376	637.409	636.759	637.934
8.0250	636.853	637.964	638.182	637.440	638.615	637.749	637.873	637.656	637.717	638.120
8.5250	637.996	637.099	638.583	637.965	637.779	637.904	637.502	636.945	637.193	637.285
9.0250	637.718	637.007	638.245	637.685	638.058	637.718	637.377	637.687	637.284	637.655
9.5250	638.121	637.069	637.160	637.162	637.068	637.593	637.254	638.182	637.470	638.059
10.0250	637.037	637.346	637.872	637.346	637.811	636.542	637.564	636.821	636.882	636.976
10.5250	637.284	637.255	637.686	637.192	637.315	636.234	637.378	637.252	637.626	636.883
11.0250	637.069	636.295	637.470	636.142	637.625	637.254	636.883	637.348	637.533	637.626
11.5250	637.377	637.346	636.914	636.882	637.935	636.882	637.439	637.316	637.316	637.501
12.0250	637.997	637.841	637.285	637.314	637.595	636.913	637.997	637.717	637.501	637.533
12.5250	637.872	636.852	638.398	637.037	637.316	637.440	637.594	637.161	637.068	638.121
13.0250	637.562	637.624	637.841	637.254	637.811	637.531	638.463	637.223	638.275	637.099
13.5250	637.068	637.038	637.872	636.915	637.469	637.717	636.823	637.409	637.253	638.027
14.0250	637.377	637.655	637.471	637.686	637.162	638.460	637.873	637.719	637.129	637.904
14.5250	637.903	637.996	638.088	637.997	637.625	637.718	638.522	638.274	638.677	638.275
15.0250	638.305	638.399	638.368	637.192	637.192	638.956	638.244	638.769	637.501	637.006
15.5250	638.212	638.306	638.400	638.429	638.212	637.781	637.873	637.687	638.151	638.212
16.0250	637.717	638.428	638.243	637.439	638.367	638.183	637.718	637.903	637.872	638.461
16.5250	638.275	638.182	637.656	637.872	637.964	638.986	638.459	638.152	638.522	638.739
17.0250	638.276	638.338	637.812	638.120	638.491	639.141	638.616	638.027	637.965	638.771
17.5250	638.956	638.398	638.679	638.213	638.832	638.274	638.522	638.429	638.274	638.771
18.0250	639.265	639.325	639.635	639.171	639.637	638.832	638.462	639.017	638.678	638.553
18.5250	638.461	638.924	638.925	638.090	639.328	639.481	638.770	639.698	639.451	638.769
19.0250	639.079	640.379	638.615	639.356	639.297	638.832	639.079	639.543	640.256	640.193
19.5250	639.077	640.286	638.366	639.420	638.800	639.514	638.956	639.419	639.698	639.976
20.0250	639.945	639.727	639.637	639.140	640.131	639.513	640.441	639.514	640.285	639.914
20.5250	640.316	640.625	639.636	641.616	640.224	639.729	640.254	639.543	640.255	639.977
21.0250	639.883	640.224	641.399	640.625	640.812	640.161	639.759	640.471	641.245	641.120
21.5250	641.184	641.523	640.779	641.491	639.666	640.996	640.934	641.028	639.697	640.904
22.0250	640.843	640.345	641.831	641.522	641.336	640.965	641.770	641.521	641.740	641.184
22.5250	641.182	641.244	641.614	641.460	641.335	641.677	641.368	641.090	641.583	641.583
23.0250	641.645	642.544	642.512	641.461	641.832	642.265	641.367	642.697	642.791	642.729
23.5250	642.728	643.038	643.038	642.450	641.489	643.224	641.985	642.294	642.638	642.759
24.0250	642.542	642.697	642.820	642.820	643.593	642.666	642.759	642.294	642.729	643.625
24.5250	642.976	644.305	643.563	642.696	642.850	643.780	643.346	643.376	643.224	643.161

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) TC19 K RECORD = 68

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0250	643.871	643.284	643.564	643.655	643.964	643.409	643.005	643.904	642.851	643.965
25.5250	643.222	644.121	643.901	644.025	644.860	645.109	644.553	644.088	644.709	644.335
26.0250	646.003	643.994	644.490	645.480	644.245	644.921	643.684	645.388	644.150	644.521
26.5250	644.211	645.880	645.078	644.953	644.737	646.129	644.923	645.139	645.481	645.356
27.0250	645.913	645.820	645.668	645.020	645.515	646.131	645.854	644.957	646.038	645.731
27.5250	645.422	645.513	645.577	646.473	645.917	646.411	646.534	646.318	646.040	646.256
28.0250	646.380	646.442	645.978	646.411	646.441	646.535	646.873	646.812	647.182	646.658
28.5250	646.905	646.905	646.350	647.183	646.935	647.244	645.700	647.090	647.182	647.244
29.0250	647.706	647.491	647.028	647.738	647.244	647.614	647.706	647.459	647.676	647.645
29.5250	647.923	647.892	648.293	648.292	647.830	648.355	648.324	648.540	648.663	648.262
30.0250	648.478	648.663	648.632	648.571	649.126	649.095	649.126	648.324	649.249	649.187
30.5250	649.064	649.311	649.095	649.249	649.342	649.034	649.989	649.681	649.804	649.897
31.0250	649.681	650.175	649.897	650.113	649.743	650.144	649.834	650.051	650.421	650.421
31.5250	651.038	650.730	650.328	650.205	649.959	650.853	651.469	651.192	650.761	650.483
32.0250	650.853	651.500	651.192	650.575	651.285	650.853	651.285	651.315	651.593	651.130
32.5250	651.223	651.686	651.470	651.439	651.562	651.346	652.271	652.117	652.056	651.932
33.0250	651.686	652.456	652.395	651.932	652.056	652.271	652.919	652.888	652.641	652.549
33.5250	653.289	652.703	653.227	653.135	652.549	652.611	653.350	652.580	653.073	652.826
34.0250	653.289	653.690	653.874	653.350	652.950	653.474	654.244	653.905	654.060	653.998
34.5250	653.751	654.214	653.905	653.905	654.060	654.645	654.553	653.905	654.584	654.522
35.0250	654.861	654.676	654.584	654.892	655.200	654.861	654.337	654.553	654.830	655.015
35.5250	655.354	654.861	655.693	655.601	655.785	655.755	655.570	655.631	655.817	655.323
36.0250	655.570	655.601	655.847	655.755	655.816	656.217	655.724	656.217	656.525	656.063
36.5250	656.433	655.971	656.371	656.125	656.433	656.988	656.618	656.833	657.172	656.926
37.0250	656.741	657.080	656.957	657.111	657.358	657.912	657.635	657.234	657.820	657.789
37.5250	657.512	657.851	657.604	657.080	658.035	657.512	658.004	657.296	657.666	657.789
38.0250	658.159	657.881	658.251	657.974	658.837	658.005	658.190	658.251	658.775	658.714
38.5250	659.114	658.251	659.052	658.929	659.268	658.282	658.621	659.453	658.929	658.775
39.0250	658.960	659.237	659.206	659.515	658.867	659.484	659.176	658.867	659.484	659.145
39.5250	659.083	659.576	659.515	660.192	659.607	660.593	659.977	659.730	659.730	660.439
40.0250	660.439	660.439	660.439	660.439	660.439	660.439	660.439	660.439	660.439	660.439
40.5250	660.439	660.439	660.439	660.439	660.439	660.439	660.439	660.439	660.439	660.439
41.0250	660.439	660.439	660.439	660.439	660.439	660.439	660.439	660.439	660.439	660.439
41.5250	660.439	660.439	660.439	660.439	660.439	660.439	660.439	660.439	660.439	660.439
42.0250	660.439	660.439	660.439	660.439	660.439	660.439	660.439	660.439	660.439	660.439
42.5250	660.439	660.439	660.439	660.439	660.439	660.439	660.439	660.439	660.439	660.439
43.0250	660.439	660.439	660.439	660.439	660.439	660.439	660.439	660.439	660.439	660.439
43.5250	660.439	660.439	660.439	660.439	660.439	660.439	660.439	660.439	660.439	660.439
44.0250	660.439	660.439	660.439	660.439	660.439	660.439	660.439	660.439	660.439	660.439
44.5250	660.439	660.439	660.439	660.439	660.439	660.439	660.439	660.439	660.439	660.439
45.0250	660.439	660.439	660.439	660.439	660.439	660.439	660.439	660.439	660.439	660.439
45.5250	660.439	660.439	660.439	660.439	660.439	660.439	660.439	660.439	660.439	660.439
46.0250	660.439	660.439	660.439	660.439	660.439	660.439	660.439	660.439	660.439	660.439
46.5250	660.439	660.439	660.439	660.439	660.439	660.439	660.439	660.439	660.439	660.439
47.0250	660.439	660.439	660.439	660.439	660.439	660.439	660.439	660.439	660.439	660.439
47.5250	660.439	660.439	660.439	660.439	660.439	660.439	660.439	660.439	660.439	660.439
48.0250	660.439	660.439	660.439	660.439	660.439	660.439	660.439	660.439	660.439	660.439
48.5250	660.439	660.439	660.439	660.439	660.439	660.439	660.439	660.439	660.439	660.439
49.0250	660.439	660.439	660.439	660.439	660.439	660.439	660.439	660.439	660.439	660.439
49.5250	660.439	660.439	660.439	660.439	660.439	660.439	660.439	660.439	660.439	660.439

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) TC20 K RECORD = 69

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0257	640.976	637.307	637.833	638.109	637.472	637.897	637.746	637.963	641.608	638.057
0.5257	637.711	637.783	637.504	637.251	637.769	637.873	637.548	637.661	638.080	637.775
1.0257	637.644	638.257	637.635	638.062	637.743	637.999	637.778	638.054	636.737	637.731
1.5257	637.836	638.100	637.356	637.562	637.650	638.068	637.539	637.824	637.545	637.417
2.0257	637.260	638.243	637.847	637.734	637.603	637.879	637.368	638.443	655.234	637.693
2.5257	637.911	638.280	637.333	637.777	637.632	637.804	637.333	637.245	637.783	637.978
3.0257	637.426	637.132	637.888	637.949	637.670	638.057	637.815	637.804	637.801	637.853
3.5257	637.562	637.734	637.609	637.842	637.682	637.751	637.493	637.583	638.144	637.932
4.0257	637.519	638.135	637.943	637.998	637.687	637.940	638.269	638.286	637.545	638.269
4.5257	638.089	638.054	637.708	638.353	637.812	637.914	637.481	638.068	638.307	637.865
5.0257	637.804	637.786	638.173	637.853	638.179	637.981	637.693	638.246	637.093	638.082
5.5257	637.806	637.937	637.551	637.731	637.978	637.978	637.545	640.415	636.926	637.792
6.0257	637.463	638.315	637.839	638.030	637.580	637.586	638.304	637.914	638.019	637.783
6.5257	637.699	638.097	637.751	637.705	638.112	638.062	637.350	637.615	637.946	638.179
7.0257	637.559	637.580	637.615	637.655	637.769	637.850	637.978	637.903	637.682	637.812
7.5257	637.673	637.868	637.629	637.647	637.655	638.071	637.484	637.812	637.972	637.798
8.0257	637.745	637.870	637.763	638.033	637.2[illegible]	637.809	637.862	637.714	637.542	638.042
8.5257	637.905	637.792	637.632	637.673	637.879	638.138	637.821	637.519	638.022	638.269
9.0257	637.522	637.966	638.115	638.109	637.432	637.847	637.996	637.969	637.562	637.751
9.5257	638.039	638.118	637.530	637.847	637.879	637.862	637.254	637.714	637.626	637.751
10.0257	637.612	637.856	638.150	637.978	637.740	638.182	637.705	638.054	637.536	637.789
10.5257	638.202	638.019	637.397	637.446	637.676	637.809	637.504	637.737	637.818	638.216
11.0257	637.571	637.641	637.780	637.856	637.513	637.990	637.751	637.780	637.498	637.923
11.5257	637.266	637.815	637.722	637.653	637.836	638.123	637.565	637.920	637.685	637.975
12.0257	637.641	637.867	637.923	638.115	637.859	637.978	637.964	638.109	637.748	637.763
12.5257	637.833	637.682	637.711	637.827	638.004	637.949	637.216	637.931	637.777	638.022
13.0257	637.859	637.399	637.455	638.062	637.812	637.292	638.001	637.865	637.513	637.888
13.5257	638.057	637.664	637.548	637.958	637.818	638.083	637.600	637.661	638.382	638.150
14.0257	637.847	637.882	637.981	637.708	637.972	637.620	637.978	638.196	637.609	637.780
14.5257	637.777	638.059	637.702	637.743	637.876	638.068	637.943	637.786	638.379	638.097
15.0257	637.002	637.958	637.798	638.048	637.844	637.133	638.161	638.062	637.722	637.684
15.5257	638.254	638.277	637.827	638.077	637.876	637.966	637.119	645.362	638.519	637.575
16.0257	638.071	638.243	638.644	638.184	637.821	638.472	638.237	638.269	637.961	638.275
16.5257	638.600	638.469	638.158	638.245	638.463	638.786	638.231	638.179	638.330	638.353
17.0257	638.568	638.176	638.408	637.866	638.656	638.461	638.644	638.472	638.336	638.245
17.5257	638.746	638.618	638.420	638.289	638.897	638.751	638.216	638.087	638.903	639.045
18.0257	638.493	638.693	638.795	638.929	638.775	638.722	639.028	638.885	638.772	638.693
18.5257	638.641	639.315	638.958	639.251	639.551	639.385	639.019	639.022	639.199	639.117
19.0257	638.914	639.521	639.571	639.167	639.275	639.478	639.577	639.618	638.946	639.513
19.5257	639.411	639.420	639.324	639.315	639.751	639.375	639.260	639.533	639.533	639.926
20.0257	639.071	639.507	639.873	640.344	639.769	639.899	640.205	640.074	639.681	639.801
20.5257	640.289	639.952	640.359	640.147	640.240	640.208	640.242	640.240	640.577	640.652
21.0257	640.417	640.466	640.699	640.635	639.940	640.251	640.801	640.643	640.144	640.577
21.5257	640.533	640.690	640.440	640.850	640.952	641.158	640.815	640.818	641.129	641.335
22.0257	640.934	641.051	641.158	641.533	640.850	640.865	641.338	641.806	641.417	641.376
22.5257	641.414	641.821	641.350	641.405	641.713	641.751	641.213	641.446	641.835	641.914
23.0257	641.414	641.824	642.056	642.216	642.001	642.126	641.780	642.126	642.248	641.995
23.5257	642.605	642.562	642.329	642.646	642.309	642.544	642.428	642.239	642.698	642.785
24.0257	642.286	642.594	642.919	642.707	642.399	642.573	642.873	642.960	642.722	643.358
24.5257	643.323	643.067	643.256	642.739	643.099	643.372	643.003	643.215	643.631	643.538

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) TC20 K RECORD = 70

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0257	643.236	643.489	643.489	643.375	643.210	643.614	643.846	643.701	643.831	644.203
25.5257	644.110	644.206	643.660	644.163	644.151	644.532	644.140	644.279	644.511	644.639
26.0257	644.296	644.296	644.755	644.924	644.587	644.517	644.866	644.918	644.593	644.776
26.5257	644.921	644.840	644.613	644.811	645.450	645.240	644.709	645.220	645.415	645.505
27.0257	645.409	645.656	645.618	645.618	645.368	645.453	645.819	646.089	645.862	646.089
27.5257	645.856	646.440	646.039	646.339	646.614	646.240	646.170	646.263	646.388	646.350
28.0257	646.042	646.170	646.847	646.449	646.423	646.568	646.542	647.079	646.693	646.949
28.5257	646.963	647.338	647.039	647.111	647.317	647.358	647.506	647.042	647.605	647.855
29.0257	647.352	647.442	647.826	648.229	647.678	647.631	647.596	647.701	647.434	647.954
29.5257	648.500	648.238	648.369	648.572	648.171	648.566	648.404	648.491	648.764	648.659
30.0257	648.468	648.537	648.476	648.897	649.057	648.691	648.976	648.848	648.267	649.124
30.5257	649.423	649.368	649.461	649.539	649.629	649.658	649.202	649.661	649.728	649.862
31.0257	649.763	650.076	650.309	650.082	649.922	650.016	650.192	650.378	649.986	650.187
31.5257	650.378	650.918	650.143	650.390	650.683	650.506	650.166	650.672	650.695	650.907
32.0257	650.338	651.261	651.249	651.165	651.206	650.997	651.461	651.470	651.435	651.461
32.5257	651.354	651.693	651.310	651.183	651.322	651.638	651.728	651.920	652.251	652.414
33.0257	651.836	651.810	651.987	652.045	652.062	652.300	652.834	652.704	652.466	653.119
33.5257	652.713	653.093	653.000	653.174	652.730	652.759	652.687	653.131	653.456	653.305
34.0257	652.852	653.456	653.354	653.456	653.534	653.238	653.389	653.627	653.630	653.760
34.5257	653.964	654.001	653.589	653.612	654.155	654.312	653.903	654.637	654.472	654.454
35.0257	654.898	654.463	654.579	654.611	654.712	654.672	654.634	655.038	654.861	654.620
35.5257	655.244	654.930	655.011	654.980	655.633	655.862	655.148	655.180	655.859	655.862
36.0257	655.696	655.450	655.360	655.946	656.103	656.071	655.894	656.480	656.280	656.451
36.5257	656.320	656.245	656.425	656.285	656.886	657.147	656.451	656.616	657.185	657.292
37.0257	656.506	656.544	656.773	657.406	657.087	657.046	657.313	658.125	657.182	657.298
37.5257	657.760	657.867	657.899	657.661	657.664	657.919	657.324	657.075	657.006	658.207
38.0257	657.815	657.565	658.311	658.250	657.945	657.937	658.163	658.589	658.215	658.186
38.5257	658.679	658.839	658.482	658.700	659.155	658.526	658.648	658.592	658.717	659.152
39.0257	658.857	658.468	659.228	659.118	659.074	659.245	659.297	659.341	659.300	658.981
39.5257	659.730	659.843	659.178	659.118	658.881	659.637	659.332	659.599	660.145	659.872
40.0257	659.872	659.872	659.872	659.872	659.872	659.872	659.872	659.872	659.872	659.872
40.5257	659.872	659.872	659.872	659.872	659.872	659.872	659.872	659.872	659.872	659.872
41.0257	659.872	659.872	659.872	659.872	659.872	659.872	659.872	659.872	659.872	659.872
41.5257	659.872	659.872	659.872	659.872	659.872	659.872	659.872	659.872	659.872	659.872
42.0257	659.872	659.872	659.872	659.872	659.872	659.872	659.872	659.872	659.872	659.872
42.5257	659.872	659.872	659.872	659.872	659.872	659.872	659.872	659.872	659.872	659.872
43.0257	659.872	659.872	659.872	659.872	659.872	659.872	659.872	659.872	659.872	659.872
43.5257	659.872	659.872	659.872	659.872	659.872	659.872	659.872	659.872	659.872	659.872
44.0257	659.872	659.872	659.872	659.872	659.872	659.872	659.872	659.872	659.872	659.872
44.5257	659.872	659.872	659.872	659.872	659.872	659.872	659.872	659.872	659.872	659.872
45.0257	659.872	659.872	659.872	659.872	659.872	659.872	659.872	659.872	659.872	659.872
45.5257	659.872	659.872	659.872	659.872	659.872	659.872	659.872	659.872	659.872	659.872
46.0257	659.872	659.872	659.872	659.872	659.872	659.872	659.872	659.872	659.872	659.872
46.5257	659.872	659.872	659.872	659.872	659.872	659.872	659.872	659.872	659.872	659.872
47.0257	659.872	659.872	659.872	659.872	659.872	659.872	659.872	659.872	659.872	659.872
47.5257	659.872	659.872	659.872	659.872	659.872	659.872	659.872	659.872	659.872	659.872
48.0257	659.872	659.872	659.872	659.872	659.872	659.872	659.872	659.872	659.872	659.872
48.5257	659.872	659.872	659.872	659.872	659.872	659.872	659.872	659.872	659.872	659.872
49.0257	659.872	659.872	659.872	659.872	659.872	659.872	659.872	659.872	659.872	659.872
49.5257	659.872	659.872	659.872	659.872	659.872	659.872	659.872	659.872	659.872	659.872

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) TC21 K RECORD = 71

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0256	644.362	641.071	641.486	641.512	641.302	640.863	641.244	641.394	641.192	640.875
0.5256	641.483	641.469	641.224	641.074	641.685	641.382	641.227	640.805	641.483	641.382
1.0256	641.460	640.190	641.645	641.587	641.299	640.863	641.679	641.509	642.048	641.088
1.5256	641.821	641.475	641.726	641.109	641.538	641.454	641.625	641.140	641.688	641.541
2.0256	641.590	641.117	641.558	641.552	641.541	641.279	641.613	641.561	641.336	641.313
2.5256	641.801	641.529	641.322	640.791	641.521	641.700	641.668	640.953	641.749	641.480
3.0256	641.405	640.979	641.688	641.584	641.662	641.094	641.426	641.552	641.651	641.330
3.5256	641.287	641.498	641.472	641.071	641.763	641.656	641.501	641.504	641.988	641.607
4.0256	641.555	641.019	641.613	641.694	641.677	641.293	641.723	641.711	641.737	640.912
4.5256	641.668	641.454	641.752	641.515	641.604	641.821	641.645	641.192	641.818	641.437
5.0256	641.844	641.152	641.832	642.291	641.812	641.382	641.731	641.928	641.835	641.521
5.5256	641.997	642.158	641.994	641.930	642.366	642.527	642.674	641.870	642.475	642.957
6.0256	642.628	642.801	643.562	643.456	643.594	643.560	644.425	644.589	645.321	645.327
6.5256	646.817	646.832	647.832	648.515	649.552	650.469	651.065	651.278	653.033	653.324
7.0256	654.628	655.688	657.574	657.739	658.556	658.334	659.558	659.849	660.125	660.307
7.5256	662.296	662.629	662.986	663.614	665.758	665.188	665.755	665.795	667.127	667.789
8.0256	668.612	668.111	668.822	669.357	669.900	669.460	671.614	671.471	672.333	671.511
8.5256	672.207	671.980	673.271	673.274	673.573	674.050	674.927	674.200	675.336	675.114
9.0256	675.775	675.882	676.448	675.917	676.603	676.333	677.538	678.084	677.785	677.601
9.5256	677.975	677.791	678.345	678.190	679.185	679.162	679.116	678.837	679.797	680.369
10.0256	680.645	680.650	681.107	680.786	681.093	681.274	681.441	680.734	681.435	681.665
10.5256	682.159	682.033	682.530	682.214	683.320	683.145	682.880	682.516	683.156	683.823
11.0256	684.199	683.622	684.266	684.332	683.857	683.665	684.245	684.653	684.639	684.438
11.5256	685.254	685.432	685.389	685.041	685.403	685.713	686.024	686.127	686.886	686.937
12.0256	687.026	686.124	687.316	686.538	686.756	686.662	687.354	687.391	687.940	687.535
12.5256	687.891	688.109	688.351	687.555	687.745	688.543	689.020	687.966	689.080	689.106
13.0256	689.037	688.460	689.566	689.525	689.784	689.367	690.413	690.456	690.689	689.867
13.5256	689.795	689.882	690.450	690.433	690.924	690.533	691.208	690.815	691.363	691.096
14.0256	691.226	690.488	691.211	691.559	691.728	691.567	692.360	692.323	692.888	692.101
14.5256	692.420	692.328	692.963	692.793	693.175	692.966	693.167	692.719	693.144	693.397
15.0256	693.850	693.063	693.379	694.086	694.218	693.302	694.112	694.063	694.502	694.057
15.5256	695.010	694.482	694.379	694.229	695.125	694.922	695.533	694.600	695.441	695.490
16.0256	695.665	695.306	695.760	696.073	696.391	694.964	695.197	695.263	695.607	695.846
16.5256	696.144	696.328	696.452	696.067	696.765	696.443	696.471	695.610	696.515	696.629
17.0256	697.074	696.773	696.954	697.025	697.614	697.379	697.792	698.372	698.329	697.692
17.5256	697.852	698.274	697.689	697.709	698.182	698.047	698.530	698.159	698.504	698.518
18.0256	698.665	697.953	698.768	698.492	698.880	698.217	698.932	699.115	699.566	699.141
18.5256	698.986	699.201	699.325	698.943	699.867	699.509	699.678	699.618	700.183	699.870
19.0256	700.123	700.022	700.183	700.060	700.502	699.738	700.327	700.335	700.479	699.781
19.5256	700.301	700.396	701.259	700.766	701.466	701.151	701.463	701.033	701.245	701.650
20.0256	701.693	701.443	701.690	701.713	702.238	701.819	702.534	702.143	701.874	701.282
20.5256	702.106	702.439	703.056	702.141	702.657	702.439	702.626	702.184	702.792	703.174
21.0256	703.375	702.910	703.475	703.383	703.251	702.976	703.225	703.475	703.636	703.188
21.5256	704.321	704.092	704.482	703.785	704.029	704.015	704.281	703.750	704.319	704.718
22.0256	704.982	704.474	704.528	704.413	705.022	704.554	704.990	705.082	705.464	704.683
22.5256	705.076	705.263	705.888	705.335	705.455	693.120	705.842	705.426	706.241	705.742
23.0256	706.155	705.524	705.822	705.914	706.316	706.215	707.062	706.577	706.735	705.951
23.5256	706.310	706.075	706.855	706.442	706.714	707.070	707.242	706.680	707.314	707.331
24.0256	707.386	706.795	707.309	707.168	707.027	707.047	707.194	707.483	707.351	707.007
24.5256	707.377	707.354	707.584	706.841	707.601	707.759	708.052	707.351	708.422	708.585

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) TC21 K RECORD = 72

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0256	708.473	707.905	708.841	709.119	708.729	708.381	708.800	708.886	709.454	708.967
25.5256	709.196	709.537	709.727	708.992	709.601	709.549	709.233	708.895	709.641	709.446
26.0256	709.899	709.262	709.500	709.687	709.799	709.830	710.217	710.527	710.639	709.931
26.5256	710.355	710.263	709.922	709.693	710.166	710.410	710.407	709.951	710.737	710.682
27.0256	710.616	710.407	710.958	710.854	711.503	710.656	710.946	711.319	711.580	711.155
27.5256	711.448	711.500	711.316	710.886	711.310	711.557	711.677	710.393	710.263	710.212
28.0256	709.738	708.571	708.631	707.908	707.463	706.319	705.931	705.036	704.126	702.643
28.5256	702.502	701.638	701.079	699.595	698.708	698.418	697.964	695.912	695.415	695.223
29.0256	694.407	693.411	692.937	692.173	691.246	690.424	690.456	689.942	689.844	689.000
29.5256	688.092	687.770	687.948	687.147	686.817	686.225	685.771	684.903	684.880	684.484
30.0256	684.208	683.814	683.315	682.941	682.671	681.972	682.038	681.585	681.202	680.081
30.5256	680.498	680.340	680.441	679.794	679.800	680.044	679.386	677.963	678.725	677.705
31.0256	678.225	677.437	677.569	677.342	677.311	676.724	676.661	676.488	676.557	676.307
31.5256	675.906	676.831	676.563	675.724	675.922	675.511	675.594	675.002	674.927	674.732
32.0256	674.246	673.812	674.068	674.464	673.981	673.254	673.383	673.676	673.426	673.216
32.5256	673.153	673.722	673.320	672.808	673.303	672.880	672.443	671.842	672.135	672.555
33.0256	672.095	671.468	671.695	671.868	671.802	671.367	671.416	671.635	671.416	670.493
33.5256	670.881	670.328	671.097	670.110	670.519	671.134	670.493	670.395	670.047	670.594
34.0256	670.686	669.817	670.283	670.033	669.981	669.351	669.880	669.874	669.463	668.721
34.5256	669.595	669.659	669.213	668.730	668.485	668.781	669.086	668.557	668.948	668.997
35.0256	669.106	668.543	668.560	668.465	668.715	668.336	668.335	668.422	668.767	667.841
35.5256	667.852	668.347	668.269	667.674	668.223	668.111	668.220	667.659	667.570	667.982
36.0256	667.487	666.998	667.406	667.953	667.921	667.392	667.544	667.418	667.357	666.920
36.5256	666.998	666.972	667.216	666.382	666.745	667.009	666.814	666.975	666.891	667.216
37.0256	666.894	666.624	666.842	666.762	667.164	666.347	666.624	666.327	666.425	666.244
37.5256	666.393	666.903	666.549	666.103	665.962	666.031	666.445	666.020	666.166	666.212
38.0256	666.042	666.063	666.051	666.181	666.224	665.519	665.579	666.221	666.296	665.551
38.5256	665.913	665.876	665.881	665.631	665.950	666.089	665.881	665.340	665.194	665.602
39.0256	665.487	665.395	665.317	665.519	665.467	664.900	664.909	665.729	665.740	664.742
39.5256	664.799	665.553	665.401	665.107	664.990	665.090	665.303	664.774	665.179	665.214
40.0256	665.214	665.214	665.214	665.214	665.214	665.214	665.214	665.214	665.214	665.214
40.5256	665.214	665.214	665.214	665.214	665.214	665.214	665.214	665.214	665.214	665.214
41.0256	665.214	665.214	665.214	665.214	665.214	665.214	665.214	665.214	665.214	665.214
41.5256	665.214	665.214	665.214	665.214	665.214	665.214	665.214	665.214	665.214	665.214
42.0256	665.214	665.214	665.214	665.214	665.214	665.214	665.214	665.214	665.214	665.214
42.5256	665.214	665.214	665.214	665.214	665.214	665.214	665.214	665.214	665.214	665.214
43.0256	665.214	665.214	665.214	665.214	665.214	665.214	665.214	665.214	665.214	665.214
43.5256	665.214	665.214	665.214	665.214	665.214	665.214	665.214	665.214	665.214	665.214
44.0256	665.214	665.214	665.214	665.214	665.214	665.214	665.214	665.214	665.214	665.214
44.5256	665.214	665.214	665.214	665.214	665.214	665.214	665.214	665.214	665.214	665.214
45.0256	665.214	665.214	665.214	665.214	665.214	665.214	665.214	665.214	665.214	665.214
45.5256	665.214	665.214	665.214	665.214	665.214	665.214	665.214	665.214	665.214	665.214
46.0256	665.214	665.214	665.214	665.214	665.214	665.214	665.214	665.214	665.214	665.214
46.5256	665.214	665.214	665.214	665.214	665.214	665.214	665.214	665.214	665.214	665.214
47.0256	665.214	665.214	665.214	665.214	665.214	665.214	665.214	665.214	665.214	665.214
47.5256	665.214	665.214	665.214	665.214	665.214	665.214	665.214	665.214	665.214	665.214
48.0256	665.214	665.214	665.214	665.214	665.214	665.214	665.214	665.214	665.214	665.214
48.5256	665.214	665.214	665.214	665.214	665.214	665.214	665.214	665.214	665.214	665.214
49.0256	665.214	665.214	665.214	665.214	665.214	665.214	665.214	665.214	665.214	665.214
49.5256	665.214	665.214	665.214	665.214	665.214	665.214	665.214	665.214	665.214	665.214

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) TC22 K RECORD = 73

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0255	505.665	504.948	505.155	505.152	505.126	505.013	505.164	505.000	505.077	505.004
0.5255	505.021	504.977	505.117	504.951	505.090	505.030	504.996	504.989	505.092	505.131
1.0255	505.064	504.983	505.178	505.009	505.165	504.985	505.121	505.142	505.109	504.977
1.5255	504.977	505.180	505.078	505.011	505.117	505.064	505.062	504.985	505.145	505.000
2.0255	505.170	504.930	505.047	504.988	504.972	505.048	505.043	505.029	505.275	505.077
2.5255	505.082	505.186	505.138	504.919	505.118	505.074	505.176	505.207	505.123	505.090
3.0255	505.079	504.997	505.144	505.230	505.166	505.120	505.131	505.172	505.105	505.023
3.5255	505.149	505.018	505.201	505.043	505.095	505.097	505.173	505.074	505.208	505.148
4.0255	505.125	505.098	505.067	505.144	505.228	505.240	505.190	505.178	505.162	504.997
4.5255	505.164	505.208	505.212	504.957	505.157	505.060	505.210	505.056	505.065	505.138
5.0255	505.126	504.970	505.112	505.244	505.144	505.135	505.218	505.173	505.087	505.112
5.5255	505.131	505.237	505.200	505.081	505.329	505.170	505.103	505.078	505.151	504.971
6.0255	505.145	504.996	505.085	505.222	505.287	505.091	505.107	505.003	505.052	505.020
6.5255	505.170	505.254	505.229	505.087	505.167	505.110	505.052	505.056	505.151	505.158
7.0255	505.223	505.049	505.051	505.194	505.268	505.034	505.120	505.109	505.178	504.757
7.5255	505.053	505.107	505.141	504.964	505.180	505.163	505.143	505.023	505.103	505.259
8.0255	505.028	505.061	505.181	505.179	505.163	505.067	505.169	505.136	505.164	505.152
8.5255	505.182	505.145	505.181	505.102	505.192	505.215	505.182	505.124	505.202	505.185
9.0255	505.219	504.995	505.126	505.174	505.114	504.957	505.183	505.120	505.343	505.052
9.5255	505.141	504.788	505.315	505.100	505.111	505.177	505.134	505.062	505.145	505.167
10.0255	505.283	505.125	505.216	505.319	505.141	505.090	505.121	505.256	505.074	505.053
10.5255	505.154	505.078	505.193	505.037	505.223	505.259	505.226	505.016	505.144	505.244
11.0255	505.285	505.196	505.142	505.193	505.285	505.008	505.145	505.272	505.243	504.985
11.5255	505.235	505.231	505.221	505.061	505.256	505.124	505.162	504.981	505.182	505.234
12.0255	505.184	505.155	505.174	505.135	505.222	505.134	505.284	505.105	505.122	505.058
12.5255	505.204	505.355	505.150	505.077	505.233	505.205	505.158	505.018	505.217	505.114
13.0255	505.304	505.053	505.079	505.257	505.213	505.047	505.207	505.211	505.161	504.991
13.5255	505.245	504.957	505.156	505.083	505.121	505.140	505.103	504.993	505.210	505.182
14.0255	505.084	505.089	505.163	505.056	505.282	505.054	505.176	505.185	505.112	505.117
14.5255	505.222	505.223	505.167	505.105	505.121	505.159	504.877	505.075	505.076	505.208
15.0255	505.021	504.970	505.176	505.172	505.174	504.964	505.163	505.099	505.281	505.059
15.5255	505.100	505.199	505.233	505.144	505.278	505.226	505.176	505.158	505.226	505.133
16.0255	505.237	505.167	505.199	505.193	505.236	505.086	505.223	505.220	505.244	505.066
16.5255	505.166	505.234	505.215	505.132	505.199	505.244	505.309	505.087	505.248	505.134
17.0255	505.158	505.150	505.338	505.166	505.176	505.147	505.243	505.312	505.245	505.173
17.5255	505.243	505.221	505.358	505.078	505.067	505.232	505.279	505.116	505.086	505.322
18.0255	505.332	505.094	505.226	505.170	505.287	505.166	505.233	505.170	505.237	505.056
18.5255	505.200	505.287	505.153	505.001	505.215	505.241	505.304	504.960	505.168	505.075
19.0255	505.199	505.141	505.034	505.310	505.212	505.135	505.218	505.300	505.215	505.063
19.5255	505.213	505.241	505.296	505.111	505.291	505.279	505.235	504.964	505.289	505.218
20.0255	505.342	505.140	505.237	505.203	505.278	505.139	505.163	505.157	505.189	505.136
20.5255	505.143	505.290	505.238	505.105	505.256	505.342	505.175	505.107	505.245	505.316
21.0255	505.219	505.041	505.222	505.349	505.302	505.102	505.205	505.304	505.244	505.244
21.5255	505.238	505.196	505.380	505.158	505.170	505.158	505.324	505.079	505.147	505.417
22.0255	505.269	505.240	505.244	505.276	505.296	505.035	505.276	505.321	505.315	505.132
22.5255	505.278	505.264	505.203	505.178	505.231	505.274	505.519	505.178	505.229	505.339
23.0255	505.234	505.224	505.334	505.208	505.270	505.086	505.291	505.337	505.509	505.090
23.5255	505.214	505.322	505.321	505.232	505.222	505.302	505.240	505.242	505.195	505.210
24.0255	505.276	505.178	505.302	505.130	505.247	505.156	505.189	505.200	505.245	505.187
24.5255	505.257	505.196	505.297	505.025	505.258	505.343	505.286	505.219	505.240	505.436

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) TC22 K RECORD = 74

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0255	505.257	505.207	505.186	505.308	505.326	505.168	505.211	505.178	505.128	505.177
25.5255	505.321	505.246	505.194	504.933	505.208	505.136	505.369	505.082	505.130	505.292
26.0255	505.247	505.143	505.200	505.218	505.222	505.173	505.315	505.304	505.423	505.112
26.5255	505.334	505.258	505.083	505.156	505.226	505.344	505.188	505.245	505.304	505.313
27.0255	505.358	505.110	505.209	505.368	505.229	505.264	505.168	505.247	505.306	505.323
27.5255	505.305	505.293	505.355	505.085	505.292	505.237	505.246	505.236	505.193	505.275
28.0255	505.287	505.086	505.321	505.223	505.402	505.316	505.287	505.305	505.320	505.254
28.5255	505.256	505.272	505.326	505.190	505.188	505.303	505.353	505.177	505.373	505.338
29.0255	505.247	505.336	505.247	505.352	505.346	505.101	505.264	505.299	505.222	505.223
29.5255	505.180	505.296	505.389	505.251	505.191	505.313	505.357	505.218	505.399	505.169
30.0255	505.307	505.222	505.208	505.384	505.331	505.186	505.248	505.471	505.403	505.153
30.5255	505.299	505.275	505.213	505.072	505.276	505.280	505.251	505.323	505.122	505.255
31.0255	505.289	505.138	505.229	505.131	505.376	505.102	505.255	505.341	505.406	505.207
31.5255	505.204	505.379	505.243	505.252	505.272	505.303	505.400	505.151	505.315	505.367
32.0255	505.289	505.220	505.218	505.350	505.337	505.177	505.377	505.272	505.337	505.151
32.5255	505.228	505.321	505.298	505.213	505.200	505.336	505.281	505.091	505.163	505.256
33.0255	505.189	505.212	505.242	505.393	505.306	505.169	505.118	505.343	505.189	505.046
33.5255	505.259	505.124	505.318	505.162	505.254	505.394	505.392	505.113	505.131	505.313
34.0255	505.325	505.122	505.221	505.312	505.314	505.196	505.082	505.335	505.248	505.265
34.5255	505.247	505.233	505.312	505.222	505.211	505.263	505.231	505.076	505.193	505.297
35.0255	505.212	505.111	505.303	505.181	505.246	505.069	505.263	505.325	505.292	505.231
35.5255	505.248	505.360	505.263	505.293	505.255	505.333	505.435	505.218	505.256	505.277
36.0255	505.366	505.195	505.265	505.357	505.324	505.154	505.258	505.373	505.439	505.051
36.5255	505.146	505.371	505.352	505.245	505.280	505.421	505.189	505.109	505.333	505.229
37.0255	505.408	505.177	505.253	505.327	505.220	505.287	505.414	505.258	505.301	505.113
37.5255	505.215	505.277	505.377	505.133	505.266	505.277	505.296	505.189	505.227	505.215
38.0255	505.286	505.150	505.187	505.186	505.260	505.156	505.320	505.338	505.303	505.135
38.5255	505.302	505.258	505.125	505.141	505.263	505.254	505.292	505.197	505.179	505.377
39.0255	505.209	505.143	505.043	505.291	505.339	505.105	505.242	505.358	505.251	505.196
39.5255	505.101	505.236	504.808	505.184	505.191	505.241	505.380	505.200	505.236	505.327
40.0255	505.327	505.327	505.327	505.327	505.327	505.327	505.327	505.327	505.327	505.327
40.5255	505.327	505.327	505.327	505.327	505.327	505.327	505.327	505.327	505.327	505.327
41.0255	505.327	505.327	505.327	505.327	505.327	505.327	505.327	505.327	505.327	505.327
41.5255	505.327	505.327	505.327	505.327	505.327	505.327	505.327	505.327	505.327	505.327
42.0255	505.327	505.327	505.327	505.327	505.327	505.327	505.327	505.327	505.327	505.327
42.5255	505.327	505.327	505.327	505.327	505.327	505.327	505.327	505.327	505.327	505.327
43.0255	505.327	505.327	505.327	505.327	505.327	505.327	505.327	505.327	505.327	505.327
43.5255	505.327	505.327	505.327	505.327	505.327	505.327	505.327	505.327	505.327	505.327
44.0255	505.327	505.327	505.327	505.327	505.327	505.327	505.327	505.327	505.327	505.327
44.5255	505.327	505.327	505.327	505.327	505.327	505.327	505.327	505.327	505.327	505.327
45.0255	505.327	505.327	505.327	505.327	505.327	505.327	505.327	505.327	505.327	505.327
45.5255	505.327	505.327	505.327	505.327	505.327	505.327	505.327	505.327	505.327	505.327
46.0255	505.327	505.327	505.327	505.327	505.327	505.327	505.327	505.327	505.327	505.327
46.5255	505.327	505.327	505.327	505.327	505.327	505.327	505.327	505.327	505.327	505.327
47.0255	505.327	505.327	505.327	505.327	505.327	505.327	505.327	505.327	505.327	505.327
47.5255	505.327	505.327	505.327	505.327	505.327	505.327	505.327	505.327	505.327	505.327
48.0255	505.327	505.327	505.327	505.327	505.327	505.327	505.327	505.327	505.327	505.327
48.5255	505.327	505.327	505.327	505.327	505.327	505.327	505.327	505.327	505.327	505.327
49.0255	505.327	505.327	505.327	505.327	505.327	505.327	505.327	505.327	505.327	505.327
49.5255	505.327	505.327	505.327	505.327	505.327	505.327	505.327	505.327	505.327	505.327

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) TC24 K RECORD = 75

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0256	515.095	514.294	514.284	514.261	514.195	514.114	514.302	514.255	514.328	514.168
0.5256	514.365	514.403	514.282	514.047	514.370	514.440	514.388	514.321	514.555	514.544
1.0256	514.519	514.275	514.552	514.567	514.477	514.366	514.617	514.622	514.518	514.539
1.5256	514.599	514.770	514.647	514.547	514.690	514.630	514.681	514.550	514.772	514.731
2.0256	514.688	514.497	514.682	514.698	514.630	514.508	514.681	514.579	514.464	514.402
2.5256	514.645	514.563	514.419	514.471	514.714	514.601	514.666	514.629	514.725	514.801
3.0256	514.701	514.498	514.728	514.605	514.596	514.391	514.653	514.707	514.729	514.508
3.5256	514.667	514.701	514.630	514.453	514.732	514.652	514.668	514.599	514.841	514.728
4.0256	514.635	514.545	514.735	514.676	514.718	514.577	514.861	514.758	514.729	514.508
4.5256	514.653	514.642	514.699	514.481	514.712	514.791	514.704	514.509	514.633	514.668
5.0256	514.577	514.467	514.766	514.671	514.629	514.581	514.870	514.718	514.784	514.593
5.5256	514.875	514.839	514.843	514.700	515.002	514.902	515.005	514.737	514.867	514.914
6.0256	514.805	514.730	514.833	514.899	514.804	514.721	514.971	514.864	514.947	514.779
6.5256	515.057	514.951	514.985	514.743	515.077	515.046	515.035	514.872	515.273	515.212
7.0256	515.173	515.077	515.308	515.170	515.220	515.141	515.261	515.315	515.339	514.901
7.5256	515.473	515.519	515.529	515.251	515.520	515.632	515.671	515.459	515.672	515.713
8.0256	515.746	515.547	515.878	515.869	515.959	515.824	515.928	515.995	515.995	515.892
8.5256	516.201	516.093	516.079	515.962	516.139	516.232	516.074	516.048	516.354	516.192
9.0256	516.236	516.116	516.364	516.345	516.487	516.229	516.515	516.419	516.359	516.232
9.5256	516.361	516.050	516.375	516.140	516.414	516.376	516.484	516.148	516.451	516.399
10.0256	516.405	516.198	516.451	516.450	516.377	516.183	516.524	516.484	516.512	516.278
10.5256	516.494	516.571	516.581	516.409	516.638	516.698	516.534	516.541	516.796	516.746
11.0256	516.833	516.613	516.861	516.914	517.022	516.670	517.002	516.957	516.765	516.716
11.5256	516.977	516.880	517.047	516.848	517.028	517.055	517.072	516.993	517.134	517.165
12.0256	516.944	516.874	517.109	516.948	517.149	516.975	517.191	517.185	517.076	516.870
12.5256	517.230	517.245	517.206	517.050	517.293	517.294	517.301	517.259	517.340	517.436
13.0256	517.484	517.293	517.433	517.496	517.498	517.371	517.657	517.516	517.5[illegible]	517.424
13.5256	517.620	517.673	517.712	517.444	517.740	517.698	517.727	517.485	517.712	517.690
14.0256	517.721	517.556	517.735	517.728	517.796	517.741	517.889	517.855	517.708	517.628
14.5256	517.820	517.785	517.823	517.658	517.944	517.933	517.744	517.775	517.929	517.882
15.0256	517.770	517.677	517.827	517.712	517.798	517.733	517.811	517.880	517.959	517.688
15.5256	517.935	518.055	518.023	517.824	518.172	518.213	518.174	517.929	518.190	518.349
16.0256	518.289	518.048	518.311	518.454	518.419	518.293	518.438	518.368	518.546	518.313
16.5256	518.512	518.567	518.602	518.347	518.525	518.508	518.577	518.474	518.696	518.611
17.0256	518.704	518.510	518.757	518.713	518.718	518.499	518.799	518.765	518.802	518.549
17.5256	518.820	518.739	518.653	518.556	518.693	518.675	518.641	518.522	518.751	518.813
18.0256	518.746	518.546	518.900	518.908	518.834	518.764	519.054	518.963	519.138	518.844
18.5256	519.054	519.227	519.174	519.033	519.187	519.280	519.352	519.100	519.365	519.331
19.0256	519.441	519.192	519.318	519.229	519.146	519.026	519.335	519.199	519.164	518.962
19.5256	519.163	519.166	519.149	519.013	519.264	519.282	519.270	519.123	519.328	519.285
20.0256	519.303	519.171	519.361	519.229	519.369	519.159	519.425	519.440	519.426	519.232
20.5256	519.463	519.578	519.548	519.378	519.501	519.597	519.660	519.446	519.683	519.615
21.0256	519.640	519.478	519.699	519.724	519.726	519.594	519.806	519.819	519.940	519.749
21.5256	520.034	520.151	519.971	519.828	519.906	519.973	519.961	519.745	519.921	519.869
22.0256	519.962	519.735	519.933	519.867	519.942	519.848	519.975	520.112	520.070	519.907
22.5256	520.013	520.000	520.048	519.813	519.998	520.136	520.110	519.911	520.201	520.143
23.0256	520.136	520.023	520.020	520.145	520.258	519.950	520.118	520.122	520.078	519.980
23.5256	520.070	520.184	520.200	520.127	520.270	520.326	520.447	520.154	520.285	520.403
24.0256	520.513	520.315	520.600	520.490	520.636	520.376	520.526	520.491	520.561	520.439
24.5256	520.641	520.809	520.803	520.594	520.800	520.797	520.765	520.518	520.623	520.796

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) TC24 K RECORD = 76

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0256	520.850	520.683	520.801	520.838	520.813	520.640	520.738	520.793	520.723	520.602
25.5256	520.714	520.748	520.726	520.581	520.715	520.802	520.857	520.826	520.984	521.029
26.0256	521.039	520.971	520.982	521.063	520.994	520.797	520.910	520.924	520.812	520.800
26.5256	520.960	520.881	520.961	520.747	521.008	520.953	521.000	520.930	521.009	520.978
27.0256	520.900	520.724	520.846	520.885	520.958	520.760	521.017	521.115	521.129	520.805
27.5256	520.961	521.084	521.084	520.753	520.977	521.014	521.150	520.848	521.010	521.099
28.0256	521.144	520.949	521.047	521.093	521.141	520.954	521.086	521.054	521.019	521.032
28.5256	521.218	521.081	521.137	520.859	521.080	521.034	520.949	520.838	520.969	520.983
29.0256	521.043	520.899	520.980	521.066	521.111	520.927	521.106	521.074	521.085	520.993
29.5256	521.077	521.122	521.191	521.012	521.119	521.099	521.021	520.848	521.028	521.158
30.0256	521.097	520.988	521.161	521.127	521.141	521.107	521.130	521.225	521.214	520.985
30.5256	521.194	521.262	521.279	520.984	521.254	521.358	521.271	521.172	521.373	521.468
31.0256	521.422	521.252	521.421	521.439	521.450	521.269	521.476	521.509	521.482	521.317
31.5256	521.289	521.506	521.471	521.317	521.421	521.515	521.399	521.214	521.261	521.287
32.0256	521.231	520.993	521.140	521.209	521.259	521.035	521.198	521.286	521.119	520.977
32.5256	520.986	521.185	521.124	521.035	521.036	521.197	520.950	520.837	521.012	521.052
33.0256	520.992	520.866	521.083	521.017	521.108	520.988	521.115	521.182	521.156	521.040
33.5256	521.179	521.206	521.210	520.983	521.079	521.218	521.173	520.917	521.049	521.212
34.0256	521.140	521.044	521.127	521.264	521.084	520.993	521.077	521.144	521.173	520.946
34.5256	521.081	521.203	521.146	520.885	521.093	521.105	521.069	520.968	521.172	521.152
35.0256	521.236	521.013	521.040	521.124	521.059	521.043	521.051	521.183	521.030	520.789
35.5256	521.064	521.081	521.035	520.850	521.045	521.091	521.095	520.935	521.087	521.098
36.0256	521.029	520.861	521.022	521.097	521.028	520.857	520.980	520.992	521.077	520.828
36.5256	521.053	521.087	521.056	520.924	521.105	521.028	521.028	520.967	521.003	521.058
37.0256	521.047	520.863	521.017	521.068	521.018	520.852	520.895	521.003	521.016	520.847
37.5256	520.925	521.032	521.033	520.788	520.940	520.998	520.991	520.724	520.879	520.927
38.0256	520.809	520.716	520.769	520.816	520.899	520.676	520.851	520.908	520.947	520.780
38.5256	520.826	520.810	520.786	520.723	520.734	520.859	520.798	520.713	520.861	520.934
39.0256	520.916	520.713	520.873	520.885	520.823	520.641	520.751	520.794	520.742	520.603
39.5256	520.721	520.809	520.632	520.713	520.754	520.820	520.896	520.647	520.726	520.771
40.0256	520.771	520.771	520.771	520.771	520.771	520.771	520.771	520.771	520.771	520.771
40.5256	520.771	520.771	520.771	520.771	520.771	520.771	520.771	520.771	520.771	520.771
41.0256	520.771	520.771	520.771	520.771	520.771	520.771	520.771	520.771	520.771	520.771
41.5256	520.771	520.771	520.771	520.771	520.771	520.771	520.771	520.771	520.771	520.771
42.0256	520.771	520.771	520.771	520.771	520.771	520.771	520.771	520.771	520.771	520.771
42.5256	520.771	520.771	520.771	520.771	520.771	520.771	520.771	520.771	520.771	520.771
43.0256	520.771	520.771	520.771	520.771	520.771	520.771	520.771	520.771	520.771	520.771
43.5256	520.771	520.771	520.771	520.771	520.771	520.771	520.771	520.771	520.771	520.771
44.0256	520.771	520.771	520.771	520.771	520.771	520.771	520.771	520.771	520.771	520.771
44.5256	520.771	520.771	520.771	520.771	520.771	520.771	520.771	520.771	520.771	520.771
45.0256	520.771	520.771	520.771	520.771	520.771	520.771	520.771	520.771	520.771	520.771
45.5256	520.771	520.771	520.771	520.771	520.771	520.771	520.771	520.771	520.771	520.771
46.0256	520.771	520.771	520.771	520.771	520.771	520.771	520.771	520.771	520.771	520.771
46.5256	520.771	520.771	520.771	520.771	520.771	520.771	520.771	520.771	520.771	520.771
47.0256	520.771	520.771	520.771	520.771	520.771	520.771	520.771	520.771	520.771	520.771
47.5256	520.771	520.771	520.771	520.771	520.771	520.771	520.771	520.771	520.771	520.771
48.0256	520.771	520.771	520.771	520.771	520.771	520.771	520.771	520.771	520.771	520.771
48.5256	520.771	520.771	520.771	520.771	520.771	520.771	520.771	520.771	520.771	520.771
49.0256	520.771	520.771	520.771	520.771	520.771	520.771	520.771	520.771	520.771	520.771
49.5256	520.771	520.771	520.771	520.771	520.771	520.771	520.771	520.771	520.771	520.771

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) TC27 K RECORD = 77

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0257	292.980	292.214	292.309	292.283	292.281	292.293	292.290	292.244	292.328	292.208
0.5257	292.392	292.244	292.297	292.190	292.290	292.296	292.268	292.089	292.230	292.302
1.0257	292.372	292.133	292.337	292.404	292.214	292.201	292.395	292.394	292.244	292.230
1.5257	292.434	292.345	292.426	292.183	292.339	292.307	292.278	292.203	292.337	292.439
2.0257	292.305	292.156	292.241	292.324	292.433	292.202	292.206	292.407	292.453	292.393
2.5257	292.309	292.262	292.301	292.125	292.376	292.278	292.277	292.260	292.330	292.297
3.0257	292.404	292.253	292.300	292.386	292.311	292.233	292.212	292.310	292.467	292.231
3.5257	292.221	292.261	292.340	292.224	292.282	292.331	292.232	292.114	292.4[illegible]	292.312
4.0257	292.232	292.227	292.267	292.348	292.364	292.341	292.393	292.280	292.5[illegible]	292.310
4.5257	292.314	292.377	292.507	292.239	292.227	292.288	292.289	292.284	292.2[illegible]	292.328
5.0257	292.435	292.190	292.440	292.439	292.299	292.244	292.525	292.303	292.348	292.215
5.5257	292.288	292.426	292.358	292.225	292.335	292.347	292.376	292.307	292.268	292.424
6.0257	292.326	292.291	292.219	292.332	292.345	292.161	292.428	292.297	292.380	292.251
6.5257	292.369	292.342	292.348	292.230	292.290	292.268	292.371	292.210	292.376	292.312
7.0257	292.455	292.319	292.317	292.155	292.343	292.258	292.420	292.302	292.473	291.885
7.5257	292.416	292.365	292.444	292.206	292.340	292.297	292.319	292.198	292.326	292.365
8.0257	292.429	292.237	292.368	292.399	292.251	292.345	292.349	292.256	292.418	292.260
8.5257	292.407	292.335	292.370	292.233	292.403	292.449	292.329	292.343	292.406	292.444
9.0257	292.322	292.251	292.293	292.215	292.375	292.150	292.352	292.202	292.307	292.244
9.5257	292.265	292.041	292.370	292.251	292.517	292.340	292.325	292.191	292.468	292.418
10.0257	292.319	292.186	292.359	292.420	292.473	292.184	292.417	292.173	292.447	292.273
10.5257	292.422	292.253	292.360	292.424	292.337	292.436	292.406	292.219	292.411	292.288
11.0257	292.266	292.370	292.571	292.369	292.501	292.164	292.392	292.403	292.423	292.242
11.5257	292.400	292.468	292.492	292.355	292.319	292.323	292.259	292.416	292.317	292.394
12.0257	292.439	292.391	292.492	292.353	292.376	292.318	292.445	292.285	292.360	292.272
12.5257	292.394	292.544	292.398	292.178	292.322	292.411	292.412	292.434	292.464	292.280
13.0257	292.374	292.389	292.491	292.297	292.455	292.196	292.550	292.398	292.301	292.358
13.5257	292.452	292.359	292.312	292.272	292.331	292.380	292.462	292.185	292.342	292.578
14.0257	292.485	292.369	292.216	292.380	292.401	292.386	292.336	292.410	292.376	292.213
14.5257	292.469	292.349	292.311	292.248	292.395	292.391	292.066	292.274	292.381	292.291
15.0257	292.401	292.212	292.381	292.441	292.394	292.406	292.428	292.328	292.364	292.375
15.5257	292.245	292.386	292.340	292.242	292.473	292.469	292.330	292.247	292.399	292.279
16.0257	292.374	292.254	292.401	292.349	292.482	292.291	292.451	292.336	292.410	292.375
16.5257	292.332	292.308	292.393	292.314	292.312	292.452	292.331	292.248	292.433	292.545
17.0257	292.253	292.280	292.388	292.366	292.342	292.324	292.451	292.450	292.516	292.226
17.5257	292.380	292.407	292.340	292.380	292.368	292.372	292.478	292.185	292.260	292.440
18.0257	292.428	292.147	292.400	292.410	292.335	292.278	292.397	292.434	292.403	292.224
18.5257	292.326	292.367	292.479	292.348	292.221	292.539	292.482	292.461	292.437	292.226
19.0257	292.450	292.303	292.455	292.359	292.382	292.293	292.474	292.502	292.394	292.324
19.5257	292.504	292.393	292.395	292.289	292.420	292.513	292.366	292.249	292.336	292.469
20.0257	292.351	292.335	292.442	292.428	292.515	292.357	292.462	292.314	292.372	292.179
20.5257	292.399	292.446	292.371	292.382	292.343	292.470	292.433	292.170	292.449	292.406
21.0257	292.514	292.296	292.366	292.405	292.365	292.273	292.267	292.376	292.467	292.279
21.5257	292.479	292.378	292.371	292.380	292.481	292.378	292.524	292.260	292.383	292.531
22.0257	292.507	292.314	292.295	292.492	292.426	292.329	292.365	292.486	292.462	292.397
22.5257	292.458	292.310	292.375	292.405	292.469	292.455	292.469	292.416	292.497	292.516
23.0257	292.384	292.245	292.382	292.334	292.551	292.357	292.358	292.517	292.519	292.348
23.5257	292.455	292.471	292.505	292.254	292.532	292.353	292.322	292.343	292.376	292.446
24.0257	292.336	292.324	292.377	292.433	292.472	292.332	292.445	292.475	292.487	292.319
24.5257	292.388	292.397	292.391	292.180	292.439	292.456	292.528	292.324	292.362	292.388

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) TC27 K RECORD = 78

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0257	292.376	292.168	292.452	292.533	292.389	292.348	292.438	292.398	292.367	292.297
25.5257	292.471	292.288	292.502	292.278	292.297	292.556	292.411	292.365	292.354	292.375
26.0257	292.365	292.409	292.501	292.386	292.361	292.254	292.534	292.383	292.341	292.406
26.5257	292.406	292.526	292.493	292.340	292.290	292.485	292.456	292.362	292.479	292.397
27.0257	292.445	292.314	292.235	292.543	292.457	292.330	292.472	292.480	292.485	292.267
27.5257	292.411	292.461	292.414	292.398	292.391	292.522	292.536	292.340	292.478	292.399
28.0257	292.416	292.311	292.388	292.473	292.392	292.478	292.452	292.464	292.474	292.331
28.5257	292.412	292.502	292.534	292.305	292.456	292.540	292.445	292.323	292.429	292.410
29.0257	292.481	292.243	292.441	292.507	292.588	292.242	292.423	292.433	292.383	292.457
29.5257	292.400	292.383	292.549	292.401	292.447	292.479	292.456	292.348	292.382	292.538
30.0257	292.359	292.220	292.450	292.505	292.412	292.300	292.480	292.383	292.452	292.445
30.5257	292.387	292.482	292.521	292.383	292.424	292.409	292.545	292.397	292.401	292.504
31.0257	292.458	292.400	292.375	292.571	292.341	292.212	292.473	292.404	292.411	292.289
31.5257	292.334	292.457	292.405	292.410	292.394	292.456	292.491	292.521	292.407	292.459
32.0257	292.536	292.337	292.516	292.388	292.544	292.238	292.317	292.497	292.405	292.181
32.5257	292.308	292.415	292.530	292.337	292.320	292.446	292.449	292.461	292.406	292.368
33.0257	292.446	292.515	292.452	292.405	292.522	292.330	292.461	292.510	292.329	292.415
33.5257	292.497	292.598	292.603	292.318	292.407	292.422	292.543	292.414	292.394	292.473
34.0257	292.363	292.492	292.495	292.418	292.525	292.400	292.485	292.427	292.461	292.391
34.5257	292.429	292.443	292.417	292.297	292.490	292.585	292.404	292.515	292.433	292.491
35.0257	292.527	292.405	292.347	292.499	292.469	292.430	292.468	292.423	292.510	292.397
35.5257	292.484	292.430	292.436	292.399	292.388	292.458	292.487	292.452	292.417	292.513
36.0257	292.421	292.367	292.374	292.502	292.561	292.400	292.381	292.424	292.420	292.452
36.5257	292.409	292.511	292.497	292.363	292.554	292.453	292.434	292.354	292.397	292.465
37.0257	292.329	292.399	292.349	292.531	292.504	292.256	292.563	292.453	292.424	292.438
37.5257	292.353	292.510	292.450	292.429	292.361	292.514	292.427	292.291	292.410	292.479
38.0257	292.371	292.328	292.470	292.557	292.434	292.359	292.393	292.481	292.492	292.411
38.5257	292.450	292.503	292.388	292.513	292.309	292.474	292.542	292.403	292.416	292.522
39.0257	292.601	292.294	292.577	292.464	292.381	292.334	292.375	292.398	292.450	292.410
39.5257	292.545	292.578	292.232	292.485	292.366	292.364	292.583	292.517	292.364	292.468
40.0257	292.468	292.468	292.468	292.468	292.468	292.468	292.468	292.468	292.468	292.468
40.5257	292.468	292.468	292.468	292.468	292.468	292.468	292.468	292.468	292.468	292.468
41.0257	292.468	292.468	292.468	292.468	292.468	292.468	292.468	292.468	292.468	292.468
41.5257	292.468	292.468	292.468	292.468	292.468	292.468	292.468	292.468	292.468	292.468
42.0257	292.468	292.468	292.468	292.468	292.468	292.468	292.468	292.468	292.468	292.468
42.5257	292.468	292.468	292.468	292.468	292.468	292.468	292.468	292.468	292.468	292.468
43.0257	292.468	292.468	292.468	292.468	292.468	292.468	292.468	292.468	292.468	292.468
43.5257	292.468	292.468	292.468	292.468	292.468	292.468	292.468	292.468	292.468	292.468
44.0257	292.468	292.468	292.468	292.468	292.468	292.468	292.468	292.468	292.468	292.468
44.5257	292.468	292.468	292.468	292.468	292.468	292.468	292.468	292.468	292.468	292.468
45.0257	292.468	292.468	292.468	292.468	292.468	292.468	292.468	292.468	292.468	292.468
45.5257	292.468	292.468	292.468	292.468	292.468	292.468	292.468	292.468	292.468	292.468
46.0257	292.468	292.468	292.468	292.468	292.468	292.468	292.468	292.468	292.468	292.468
46.5257	292.468	292.468	292.468	292.468	292.468	292.468	292.468	292.468	292.468	292.468
47.0257	292.468	292.468	292.468	292.468	292.468	292.468	292.468	292.468	292.468	292.468
47.5257	292.468	292.468	292.468	292.468	292.468	292.468	292.468	292.468	292.468	292.468
48.0257	292.468	292.468	292.468	292.468	292.468	292.468	292.468	292.468	292.468	292.468
48.5257	292.468	292.468	292.468	292.468	292.468	292.468	292.468	292.468	292.468	292.468
49.0257	292.468	292.468	292.468	292.468	292.468	292.468	292.468	292.468	292.468	292.468
49.5257	292.468	292.468	292.468	292.468	292.468	292.468	292.468	292.468	292.468	292.468

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) TC28 K RECORD = 79

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0258	512.681	511.878	511.956	512.072	512.045	511.922	512.131	512.170	512.239	512.092
0.5258	512.224	512.141	512.216	512.114	512.159	512.277	512.272	512.296	512.403	512.641
1.0258	512.372	512.200	512.587	512.425	512.313	512.348	512.558	512.512	512.517	512.243
1.5258	512.424	512.446	512.337	512.261	512.386	512.377	512.237	512.116	512.287	512.260
2.0258	512.199	512.000	512.306	512.235	512.143	511.949	512.173	512.140	512.106	511.915
2.5258	512.191	511.877	512.019	511.900	512.230	512.057	512.146	512.015	512.240	512.208
3.0258	512.206	512.021	512.059	512.121	512.052	512.037	512.252	512.343	512.233	512.073
3.5258	512.334	512.347	512.362	512.083	512.405	512.257	512.274	512.103	512.323	512.184
4.0258	512.207	512.113	512.187	512.184	512.262	512.070	512.260	512.366	512.171	512.004
4.5258	512.264	512.224	512.170	511.976	512.307	512.401	512.328	512.088	512.188	512.281
5.0258	512.158	512.155	512.188	512.219	512.188	512.094	512.346	512.235	512.257	512.233
5.5258	512.318	512.232	512.273	512.080	512.447	512.294	512.306	512.003	512.227	512.334
6.0258	512.326	512.179	512.357	512.307	512.365	512.130	512.441	512.478	512.538	512.301
6.5258	512.511	512.584	512.475	512.439	512.390	512.489	512.368	512.207	512.571	512.424
7.0258	512.487	512.394	512.581	512.496	512.490	512.074	512.377	512.397	512.447	512.012
7.5258	512.602	512.604	512.499	512.529	512.809	512.797	512.919	512.903	513.102	513.203
8.0258	513.200	513.108	513.371	513.380	513.358	513.348	513.561	513.480	513.520	513.318
8.5258	513.646	513.604	513.566	513.324	513.653	513.659	513.697	513.489	513.647	513.661
9.0258	513.690	513.674	513.845	513.823	513.724	513.565	513.902	513.810	513.859	513.546
9.5258	513.820	513.568	513.901	513.718	513.934	513.950	513.921	513.800	514.016	514.071
10.0258	514.014	513.691	514.015	513.944	513.961	513.802	514.022	513.824	513.868	513.724
10.5258	514.057	514.023	513.980	513.931	514.160	514.016	514.145	514.035	514.413	514.444
11.0258	514.593	514.324	514.636	514.634	514.750	514.486	514.588	514.769	514.423	514.457
11.5258	514.745	514.560	514.652	514.522	514.712	514.721	514.734	514.668	514.958	514.804
12.0258	514.718	514.720	514.815	514.713	514.973	514.568	514.760	514.637	514.789	514.590
12.5258	514.792	514.859	514.805	514.678	514.973	515.032	515.050	514.903	515.147	515.054
13.0258	515.436	515.251	515.425	515.468	515.468	515.419	515.627	515.699	515.653	515.597
13.5258	515.735	515.725	515.954	515.668	515.826	515.922	515.914	515.807	515.922	515.881
14.0258	515.936	515.783	516.105	516.043	516.072	515.934	516.191	516.148	516.147	515.874
14.5258	516.098	516.138	516.214	516.097	516.128	516.321	516.053	516.133	516.192	516.222
15.0258	516.036	515.961	516.067	515.967	516.036	515.850	515.896	516.066	516.016	515.807
15.5258	515.957	515.950	516.073	515.853	516.200	516.069	516.191	516.117	516.172	516.330
16.0258	516.332	516.139	516.261	516.446	516.330	516.221	516.440	516.486	516.466	516.413
16.5258	516.500	516.573	516.805	516.254	516.543	516.478	516.583	516.222	516.550	516.463
17.0258	516.415	516.383	516.550	516.588	516.542	516.515	516.576	516.619	516.680	516.326
17.5258	516.547	516.566	516.563	516.271	516.549	516.426	516.612	516.257	516.594	516.542
18.0258	516.760	516.377	516.614	516.808	516.912	516.790	516.961	517.078	517.151	517.055
18.5258	517.186	517.096	517.323	517.046	517.376	517.274	517.380	517.238	517.560	517.395
19.0258	517.568	517.227	517.413	517.323	517.265	517.045	517.232	517.228	517.114	517.067
19.5258	516.974	517.127	517.067	516.924	516.933	517.012	516.952	516.785	517.082	517.082
20.0258	517.114	516.726	517.000	516.939	517.077	516.777	517.003	517.122	517.076	516.826
20.5258	517.014	517.159	517.078	516.996	517.212	517.134	517.097	516.971	517.120	517.172
21.0258	517.193	517.047	517.289	517.286	517.377	517.208	517.455	517.434	517.576	517.518
21.5258	517.733	517.882	517.699	517.494	517.683	517.578	517.493	517.363	517.554	517.556
22.0258	517.680	517.516	517.671	517.624	517.767	517.584	517.905	517.837	517.826	517.614
22.5258	517.805	517.798	517.789	517.552	517.697	517.830	517.692	517.668	517.793	517.820
23.0258	517.806	517.604	517.738	517.918	517.806	517.693	517.766	517.892	517.845	517.573
23.5258	517.972	517.975	517.844	517.783	518.168	518.132	518.036	517.895	518.099	518.119
24.0258	518.174	518.140	518.262	518.275	518.415	518.229	518.384	518.456	518.610	518.341
24.5258	518.694	518.754	518.755	518.546	518.805	518.657	518.734	518.494	518.470	518.542

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) TC28 K RECORD = 80

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0258	518.520	518.357	518.480	518.537	518.498	518.434	518.549	518.508	518.408	518.312
25.5258	518.373	518.388	518.380	518.221	518.463	518.569	518.619	518.469	518.722	518.841
26.0258	518.850	518.827	518.342	518.816	518.826	518.551	518.673	518.609	518.646	518.455
26.5258	518.553	518.478	518.628	518.388	518.624	518.545	518.682	518.502	518.804	518.653
27.0258	518.661	518.456	518.639	518.667	518.762	518.361	518.779	518.868	518.900	518.506
27.5258	518.666	518.697	518.764	518.700	518.707	518.905	519.083	518.956	518.939	519.015
28.0258	519.122	518.706	518.919	519.006	518.912	518.832	518.935	518.921	518.796	518.735
28.5258	518.887	518.857	518.879	518.697	518.821	518.809	518.713	518.674	518.747	518.879
29.0258	518.890	518.776	518.851	518.920	519.024	518.794	518.966	518.881	518.919	518.697
29.5258	518.921	518.926	518.836	518.728	518.732	518.814	518.702	518.618	518.731	518.756
30.0258	518.711	518.543	518.771	518.765	518.748	518.547	518.797	518.677	518.664	518.539
30.5258	518.743	518.729	518.777	518.688	518.846	518.994	518.939	518.902	519.051	518.958
31.0258	519.122	519.055	519.024	519.102	519.007	518.825	518.888	519.100	519.020	518.789
31.5258	518.865	518.933	518.908	518.815	519.025	518.912	518.991	518.725	518.960	518.962
32.0258	518.965	518.673	518.908	518.889	518.912	518.660	518.653	518.677	518.742	518.548
32.5258	518.616	518.619	518.667	518.543	518.761	518.767	518.517	518.456	518.588	518.615
33.0258	518.621	518.454	518.637	518.746	518.879	518.687	518.766	518.968	518.989	518.851
33.5258	518.975	518.992	518.996	518.821	518.748	518.902	518.735	518.622	518.831	518.737
34.0258	518.633	518.515	518.558	518.495	518.551	518.352	518.439	518.596	518.569	518.482
34.5258	518.620	518.666	518.552	518.399	518.533	518.646	518.478	518.407	518.481	518.525
35.0258	518.436	518.311	518.447	518.442	518.491	518.266	518.522	518.418	518.437	518.196
35.5258	518.360	518.543	518.477	518.345	518.501	518.267	518.557	518.238	518.276	518.397
36.0258	518.381	518.132	518.327	518.369	518.386	518.140	518.432	518.478	518.525	518.476
36.5258	518.652	518.735	518.549	518.277	518.448	518.532	518.424	518.306	518.358	518.482
37.0258	518.431	518.253	518.419	518.363	518.367	518.115	518.362	518.313	518.394	518.364
37.5258	518.334	518.488	518.445	518.232	518.337	518.398	518.400	518.158	518.251	518.233
38.0258	518.340	518.050	518.030	518.330	518.160	518.056	518.140	518.209	518.244	518.105
38.5258	518.175	518.116	518.054	517.912	518.202	518.154	518.129	517.823	518.088	518.169
39.0258	518.125	517.950	518.117	518.177	518.126	517.886	517.943	518.203	518.031	517.802
39.5258	518.060	518.115	517.738	517.983	518.113	518.091	518.182	517.933	518.051	518.120
40.0258	518.120	518.120	518.120	518.120	518.120	518.120	518.120	518.120	518.120	518.120
40.5258	518.120	518.120	518.120	518.120	518.120	518.120	518.120	518.120	518.120	518.120
41.0258	518.120	518.120	518.120	518.120	518.120	518.120	518.120	518.120	518.120	518.120
41.5258	518.120	518.120	518.120	518.120	518.120	518.120	518.120	518.120	518.120	518.120
42.0258	518.120	518.120	518.120	518.120	518.120	518.120	518.120	518.120	518.120	518.120
42.5258	518.120	518.120	518.120	518.120	518.120	518.120	518.120	518.120	518.120	518.120
43.0258	518.120	518.120	518.120	518.120	518.120	518.120	518.120	518.120	518.120	518.120
43.5258	518.120	518.120	518.120	518.120	518.120	518.120	518.120	518.120	518.120	518.120
44.0258	518.120	518.120	518.120	518.120	518.120	518.120	518.120	518.120	518.120	518.120
44.5258	518.120	518.120	518.120	518.120	518.120	518.120	518.120	518.120	518.120	518.120
45.0258	518.120	518.120	518.120	518.120	518.120	518.120	518.120	518.120	518.120	518.120
45.5258	518.120	518.120	518.120	518.120	518.120	518.120	518.120	518.120	518.120	518.120
46.0258	518.120	518.120	518.120	518.120	518.120	518.120	518.120	518.120	518.120	518.120
46.5258	518.120	518.120	518.120	518.120	518.120	518.120	518.120	518.120	518.120	518.120
47.0258	518.120	518.120	518.120	518.120	518.120	518.120	518.120	518.120	518.120	518.120
47.5258	518.120	518.120	518.120	518.120	518.120	518.120	518.120	518.120	518.120	518.120
48.0258	518.120	518.120	518.120	518.120	518.120	518.120	518.120	518.120	518.120	518.120
48.5258	518.120	518.120	518.120	518.120	518.120	518.120	518.120	518.120	518.120	518.120
49.0258	518.120	518.120	518.120	518.120	518.120	518.120	518.120	518.120	518.120	518.120
49.5258	518.120	518.120	518.120	518.120	518.120	518.120	518.120	518.120	518.120	518.120

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) SSG MV RECORD = 81

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	72.940	73.065	76.425	71.322	74.309	73.936	76.674	75.181	74.060	73.438
0.5250	75.305	73.189	72.069	72.318	73.189	76.550	73.563	72.567	72.442	73.562
1.0250	75.056	72.442	73.687	74.185	73.438	78.417	74.185	74.060	73.438	78.417
1.5250	73.812	74.309	73.687	76.674	74.309	74.807	73.189	71.695	73.687	73.065
2.0250	72.069	74.185	72.691	73.936	73.936	73.563	71.446	73.438	73.189	72.318
2.5250	74.309	73.687	77.048	73.812	74.807	72.318	74.683	72.567	72.940	72.193
3.0250	76.425	71.695	72.567	72.193	74.434	74.807	74.683	75.430	73.687	73.936
3.5250	73.065	74.185	74.434	74.932	73.314	74.434	74.683	75.430	74.683	74.807
4.0250	73.563	73.065	73.314	73.563	73.189	73.313	72.940	74.309	73.189	74.558
4.5250	74.683	74.683	75.430	75.305	75.430	73.563	74.434	74.683	75.305	74.683
5.0250	73.562	74.309	74.185	74.683	75.928	76.052	73.811	72.691	75.803	74.683
5.5250	78.417	74.807	75.305	76.674	74.807	74.683	74.807	73.687	74.060	74.558
6.0250	74.060	73.687	74.309	73.189	75.554	75.056	73.562	74.185	72.193	73.936
6.5250	75.927	76.052	74.434	75.056	74.185	73.189	73.811	75.803	75.430	74.683
7.0250	73.687	75.679	71.197	74.683	76.301	73.936	75.181	74.683	75.554	75.305
7.5250	75.056	73.936	74.434	75.430	73.562	73.189	74.932	73.314	76.799	74.185
8.0250	75.056	73.811	73.936	75.430	74.807	74.807	74.558	76.176	74.309	73.313
8.5250	73.812	74.185	74.558	70.575	74.309	75.430	76.301	74.932	76.425	74.185
9.0250	73.314	75.430	73.687	75.305	73.936	73.562	73.313	74.558	73.936	74.683
9.5250	75.429	73.811	74.558	74.558	73.936	74.185	75.181	73.438	74.185	74.932
10.0250	74.932	73.811	75.927	75.803	75.056	74.434	75.927	76.550	74.683	74.683
10.5250	75.305	73.936	74.558	74.060	74.807	76.052	75.678	74.683	73.313	75.305
11.0250	73.936	74.185	74.185	73.438	75.554	74.309	73.936	74.309	75.803	73.687
11.5250	73.065	73.313	75.180	73.065	73.313	75.678	73.811	73.189	74.932	74.932
12.0250	76.425	74.165	75.305	73.314	74.309	73.562	73.313	74.434	75.803	73.811
12.5250	73.811	73.438	74.558	75.927	75.927	74.683	74.683	73.936	75.181	73.189
13.0250	74.434	73.189	73.687	77.421	74.309	73.313	75.056	73.313	74.060	72.816
13.5250	74.185	75.056	74.309	76.425	73.811	75.430	74.683	73.811	73.313	74.558
14.0250	75.430	73.687	74.683	73.811	72.318	76.052	73.811	75.181	75.056	74.060
14.5250	74.558	74.558	75.056	74.932	74.309	74.683	73.189	73.189	73.438	74.309
15.0250	73.936	74.060	73.189	73.562	74.060	72.193	74.558	73.687	74.060	73.313
15.5250	73.687	73.562	73.313	77.172	73.811	75.927	73.936	75.554	74.434	74.807
16.0250	74.309	73.562	72.940	76.674	75.554	72.940	75.927	73.936	74.309	74.558
16.5250	73.936	74.060	72.691	72.816	76.674	74.558	73.313	74.683	74.185	74.309
17.0250	75.056	73.562	74.683	73.687	72.940	74.558	73.811	73.189	74.309	73.687
17.5250	73.562	77.670	73.562	76.301	75.554	74.309	73.562	76.052	73.438	74.434
18.0250	74.807	72.691	72.691	75.181	73.936	74.060	73.936	73.313	74.807	74.185
18.5250	73.936	75.429	75.554	75.056	73.687	73.313	73.313	73.811	74.932	73.687
19.0250	74.185	74.807	73.438	72.691	74.309	72.567	75.056	74.309	74.558	75.056
19.5250	74.683	77.048	74.434	72.442	73.562	74.185	75.181	75.305	75.181	72.567
20.0250	73.811	75.056	74.185	74.558	73.562	75.554	73.936	73.562	73.936	77.048
20.5250	73.936	75.678	74.434	73.313	75.181	72.318	75.429	73.064	73.189	71.944
21.0250	74.185	74.434	74.807	73.936	73.313	73.438	73.189	72.193	74.060	74.060
21.5250	74.185	73.438	77.048	73.811	75.305	74.932	72.567	73.313	74.807	71.073
22.0250	73.811	73.189	74.185	74.060	70.948	74.683	75.305	72.691	74.060	74.434
22.5250	74.309	75.181	73.189	72.691	73.936	74.060	74.558	73.438	73.811	77.297
23.0250	75.429	73.189	72.691	73.313	74.434	70.948	75.305	75.056	74.932	74.434
23.5250	75.305	75.305	75.056	75.554	74.185	73.065	73.562	73.936	73.065	74.060
24.0250	71.820	73.438	72.940	73.189	75.429	72.816	75.554	76.674	72.940	74.683
24.5250	72.691	73.313	75.554	73.189	75.056	73.438	72.816	73.687	75.554	74.932

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) SSG MV RECORD = 82

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0250	73.687	74.807	73.189	73.562	73.687	75.181	73.313	72.442	74.185	73.438
25.5250	75.305	75.305	76.176	76.052	74.185	74.185	72.069	74.434	76.301	74.185
26.0250	75.927	73.189	74.434	74.060	75.180	74.932	72.691	73.936	74.434	75.554
26.5250	73.687	74.434	74.683	73.065	73.065	75.554	75.056	73.687	74.683	71.944
27.0250	75.181	74.060	75.678	75.305	74.185	73.936	75.554	74.807	73.311	74.060
27.5250	75.181	73.562	74.060	75.678	75.181	73.562	74.185	72.816	74.434	73.438
28.0250	72.567	76.176	73.189	72.940	74.383	73.687	73.936	74.558	77.421	74.932
28.5250	74.060	74.309	74.060	74.932	76.176	74.309	75.554	74.807	75.429	75.803
29.0250	75.181	74.434	74.807	73.562	72.815	74.932	75.430	74.309	74.434	72.069
29.5250	74.309	75.927	73.438	73.936	73.314	74.807	74.683	74.807	73.562	76.052
30.0250	74.185	74.932	73.313	76.052	75.056	73.313	74.434	74.807	74.309	74.434
30.5250	74.558	74.309	72.069	73.936	75.429	74.309	74.309	74.683	73.065	74.932
31.0250	77.172	73.562	75.056	74.434	74.185	74.932	73.687	74.185	75.181	74.060
31.5250	75.305	75.430	75.678	74.807	75.056	74.434	73.687	74.558	75.056	76.674
32.0250	74.185	74.558	74.060	76.052	75.056	75.927	74.434	76.301	74.309	75.305
32.5250	74.060	73.811	74.185	74.807	73.438	76.301	74.807	74.309	74.807	74.683
33.0250	74.434	73.438	75.678	74.309	76.674	74.185	73.936	75.430	76.301	75.803
33.5250	75.305	73.936	72.691	74.434	74.309	72.816	72.940	75.056	74.434	74.434
34.0250	75.678	76.052	73.936	73.811	74.434	75.181	76.301	72.069	74.683	76.799
34.5250	75.927	75.056	74.309	74.807	74.683	74.932	74.060	73.562	74.807	74.434
35.0250	74.434	74.309	75.430	73.065	74.185	74.434	74.683	72.940	74.683	75.430
35.5250	76.176	76.550	74.683	74.932	73.811	74.807	75.181	75.181	74.309	74.683
36.0250	74.558	73.189	75.927	75.181	75.305	74.932	74.558	75.430	74.434	73.562
36.5250	74.309	73.189	74.932	74.558	75.678	74.309	76.176	74.558	74.807	73.936
37.0250	74.309	73.313	74.807	73.936	74.060	73.687	74.060	74.558	74.434	74.683
37.5250	75.554	74.683	73.562	75.056	73.314	74.309	74.309	76.799	72.442	75.927
38.0250	75.056	74.932	73.314	75.803	75.429	73.936	74.060	74.807	75.803	76.301
38.5250	72.193	74.434	74.060	74.309	77.545	76.674	74.683	72.691	74.434	75.678
39.0250	75.678	74.807	74.060	74.683	73.687	74.060	74.558	76.052	75.181	76.301
39.5250	75.181	73.438	74.060	74.309	74.558	75.803	73.438	72.940	74.683	75.056
40.0250	75.056	75.056	75.056	75.056	75.056	75.056	75.056	75.056	75.056	75.056
40.5250	75.056	75.056	75.056	75.056	75.056	75.056	75.056	75.056	75.056	75.056
41.0250	75.056	75.056	75.056	75.056	75.056	75.056	75.056	75.056	75.056	75.056
41.5250	75.056	75.056	75.056	75.056	75.056	75.056	75.056	75.056	75.056	75.056
42.0250	75.056	75.056	75.056	75.056	75.056	75.056	75.056	75.056	75.056	75.056
42.5250	75.056	75.056	75.056	75.056	75.056	75.056	75.056	75.056	75.056	75.056
43.0250	75.056	75.056	75.056	75.056	75.056	75.056	75.056	75.056	75.056	75.056
43.5250	75.056	75.056	75.056	75.056	75.056	75.056	75.056	75.056	75.056	75.056
44.0250	75.056	75.056	75.056	75.056	75.056	75.056	75.056	75.056	75.056	75.056
44.5250	75.056	75.056	75.056	75.056	75.056	75.056	75.056	75.056	75.056	75.056
45.0250	75.056	75.056	75.056	75.056	75.056	75.056	75.056	75.056	75.056	75.056
45.5250	75.056	75.056	75.056	75.056	75.056	75.056	75.056	75.056	75.056	75.056
46.0250	75.056	75.056	75.056	75.056	75.056	75.056	75.056	75.056	75.056	75.056
46.5250	75.056	75.056	75.056	75.056	75.056	75.056	75.056	75.056	75.056	75.056
47.0250	75.056	75.056	75.056	75.056	75.056	75.056	75.056	75.056	75.056	75.056
47.5250	75.056	75.056	75.056	75.056	75.056	75.056	75.056	75.056	75.056	75.056
48.0250	75.056	75.056	75.056	75.056	75.056	75.056	75.056	75.056	75.056	75.056
48.5250	75.056	75.056	75.056	75.056	75.056	75.056	75.056	75.056	75.056	75.056
49.0250	75.056	75.056	75.056	75.056	75.056	75.056	75.056	75.056	75.056	75.056
49.5250	75.056	75.056	75.056	75.056	75.056	75.056	75.056	75.056	75.056	75.056

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) AIB A RECORD = 83

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0259	12.715	11.580	11.476	11.475	11.462	11.469	11.466	11.470	11.541	11.471
0.5259	11.466	11.468	11.462	11.466	11.468	11.471	11.462	11.466	11.466	11.462
1.0259	11.458	11.465	11.464	11.468	11.460	11.464	11.465	11.471	11.447	11.466
1.5259	11.464	11.470	11.458	11.466	11.469	11.466	11.454	11.468	11.465	11.460
2.0259	11.454	11.467	11.469	11.464	11.457	11.464	11.466	11.465	11.757	11.463
2.5259	11.462	11.467	11.458	11.466	11.463	11.465	11.460	11.463	11.467	11.467
3.0259	11.456	11.468	11.466	11.468	11.454	11.472	11.461	11.469	11.454	11.463
3.5259	11.465	11.461	11.454	11.465	11.462	11.465	11.455	11.467	11.464	11.465
4.0259	11.460	11.463	11.465	11.464	11.454	11.461	11.473	11.473	11.460	11.472
4.5259	11.466	11.469	11.461	11.463	11.472	11.471	11.459	11.471	11.471	11.465
5.0259	11.465	11.469	11.473	11.469	11.459	11.469	11.471	11.475	11.447	11.473
5.5259	11.470	11.471	11.457	11.477	11.470	11.479	11.463	11.529	11.457	11.476
6.0259	11.465	11.472	11.474	11.473	11.466	11.477	11.470	11.471	11.469	11.478
6.5259	11.475	11.473	11.462	11.474	11.474	11.469	11.465	11.470	11.467	11.471
7.0259	11.460	11.469	11.467	11.473	11.463	11.470	11.472	11.463	11.456	11.463
7.5259	11.465	11.464	11.456	11.461	11.466	11.469	11.454	11.468	11.462	11.463
8.0259	11.448	11.461	11.459	11.456	11.455	11.461	11.463	11.466	11.449	11.457
8.5259	11.460	11.465	11.449	11.457	11.459	11.460	11.449	11.456	11.456	11.458
9.0259	11.441	11.448	11.452	11.459	11.437	11.454	11.446	11.442	11.430	11.421
9.5259	11.436	11.437	11.427	11.435	11.438	11.444	11.426	11.446	11.441	11.444
10.0259	11.431	11.437	11.441	11.442	11.432	11.438	11.436	11.444	11.432	11.438
10.5259	11.441	11.438	11.438	11.438	11.437	11.439	11.435	11.439	11.439	11.441
11.0259	11.433	11.442	11.439	11.440	11.434	11.436	11.439	11.442	11.425	11.433
11.5259	11.436	11.435	11.423	11.434	11.429	11.428	11.425	11.431	11.433	11.431
12.0259	11.425	11.429	11.432	11.436	11.424	11.435	11.439	11.440	11.426	11.438
12.5259	11.434	11.432	11.430	11.434	11.441	11.434	11.425	11.436	11.431	11.438
13.0259	11.425	11.435	11.432	11.438	11.425	11.431	11.437	11.430	11.426	11.430
13 5259	11.434	11.437	11.423	11.430	11.432	11.427	11.420	11.430	11.436	11.427
14.0259	11.419	11.426	11.436	11.432	11.423	11.431	11.430	11.428	11.411	11.418
14.5259	11.429	11.429	11.415	11.423	11.426	11.428	11.415	11.422	11.423	11.428
15.0259	11.399	11.423	11.425	11.423	11.416	11.415	11.423	11.424	11.415	11.418
15.5259	11.419	11.424	11.412	11.418	11.417	11.417	11.398	11.548	11.419	11.400
16.0259	11.407	11.410	11.415	11.417	11.402	11.413	11.414	11.416	11.398	11.410
16.5259	11.410	11.410	11.404	11.411	11.418	11.413	11.403	11.412	11.410	11.408
17.0259	11.394	11.413	11.409	11.395	11.404	11.407	11.415	11.413	11.404	11.399
17.5259	11.407	11.413	11.396	11.404	11.404	11.406	11.393	11.387	11.406	11.401
18.0259	11.395	11.400	11.405	11.402	11.389	11.402	11.396	11.398	11.387	11.398
18.5259	11.390	11.394	11.386	11.389	11.390	11.401	11.381	11.386	11.395	11.390
19.0259	11.380	11.389	11.388	11.389	11.379	11.382	11.385	11.383	11.379	11.380
19.5259	11.385	11.381	11.373	11.384	11.379	11.370	11.372	11.383	11.380	11.382
20.0259	11.373	11.381	11.380	11.382	11.369	11.378	11.379	11.379	11.373	11.375
20.5259	11.377	11.374	11.365	11.379	11.370	11.374	11.364	11.370	11.374	11.371
21.0259	11.363	11.366	11.371	11.370	11.368	11.367	11.369	11.370	11.363	11.364
21.5259	11.371	11.369	11.359	11.365	11.367	11.365	11.357	11.368	11.365	11.361
22.0259	11.354	11.358	11.358	11.356	11.349	11.358	11.356	11.357	11.352	11.355
22.5259	11.362	11.353	11.346	11.347	11.355	11.355	11.350	11.354	11.351	11.350
23.0259	11.348	11.351	11.353	11.353	11.345	11.353	11.353	11.347	11.344	11.344
23.5259	11.344	11.346	11.337	11.343	11.341	11.342	11.331	11.330	11.338	11.337
24.0259	11.328	11.322	11.328	11.327	11.309	11.319	11.328	11.320	11.314	11.315
24.5259	11.318	11.317	11.309	11.306	11.313	11.323	11.311	11.314	11.312	11.319

TEST M2 HEAT BALANCE TRANSIENT 2595 (50 ms Averaged) AIB A RECORD = 84

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0259	11.308	11.314	11.314	11.317	11.304	11.303	11.307	11.309	11.296	1.304
25.5259	11.306	11.308	11.293	11.296	11.295	11.297	11.292	11.292	11.291	11.295
26.0259	11.287	11.292	11.293	11.288	11.287	11.281	11.286	11.287	11.280	11.278
26.5259	11.275	11.281	11.271	11.275	11.284	11.286	11.264	11.275	11.275	11.272
27.0259	11.268	11.272	11.280	11.270	11.270	11.275	11.273	11.280	11.266	11.268
27.5259	11.268	11.269	11.266	11.272	11.273	11.272	11.264	11.267	11.275	11.271
28.0259	11.260	11.269	11.273	11.276	11.261	11.272	11.273	11.268	11.258	11.270
28.5259	11.266	11.273	11.251	11.264	11.266	11.264	11.257	11.263	11.261	11.266
29.0259	11.258	11.261	11.268	11.263	11.253	11.255	11.259	11.266	11.250	11.255
29.5259	11.256	11.262	11.248	11.258	11.255	11.262	11.247	11.258	11.253	11.263
30.0259	11.246	11.254	11.254	11.259	11.242	11.243	11.252	11.253	11.244	11.246
30.5259	11.250	11.247	11.240	11.248	11.249	11.249	11.235	11.245	11.242	11.243
31.0259	11.238	11.246	11.245	11.244	11.235	11.237	11.234	11.242	11.234	11.236
31.5259	11.237	11.240	11.231	11.229	11.235	11.242	11.226	11.231	11.236	11.243
32.0259	11.223	11.234	11.231	11.241	11.221	11.237	11.233	11.235	11.229	11.229
32.5259	11.234	11.230	11.225	11.226	11.229	11.232	11.218	11.219	11.226	11.233
33.0259	11.221	11.223	11.229	11.221	11.220	11.220	11.221	11.224	11.214	11.220
33.5259	11.225	11.222	11.215	11.216	11.223	11.217	11.211	11.214	11.217	11.223
34.0259	11.215	11.209	11.221	11.218	11.203	11.205	11.214	11.210	11.207	11.207
34.5259	11.208	11.211	11.195	11.199	11.212	11.204	11.197	11.202	11.208	11.208
35.0259	11.194	11.201	11.207	11.201	11.201	11.199	11.204	11.204	11.198	11.200
35.5259	11.196	11.208	11.199	11.198	11.209	11.210	11.202	11.205	11.203	11.204
36.0259	11.193	11.195	11.203	11.204	11.196	11.201	11.206	11.212	11.196	11.201
36.5259	11.202	11.208	11.192	11.204	11.202	11.206	11.196	11.198	11.207	11.206
37.0259	11.196	11.195	11.203	11.207	11.190	11.191	11.201	11.207	11.191	11.195
37.5259	11.197	11.202	11.187	11.189	11.201	11.195	11.189	11.193	11.186	11.195
38.0259	11.195	11.186	11.197	11.192	11.185	11.190	11.194	11.192	11.188	11.185
38.5259	11.194	11.198	11.187	11.190	11.202	11.200	11.188	11.193	11.197	11.197
39.0259	11.187	11.188	11.195	11.202	11.188	11.190	11.194	11.195	11.187	11.190
39.5259	11.189	11.191	11.180	11.184	11.172	11.191	11.177	11.184	11.186	11.188
40.0259	11.188	11.188	11.188	11.188	11.188	11.188	11.188	11.188	11.188	11.188
40.5259	11.188	11.188	11.188	11.188	11.188	11.188	11.188	11.188	11.188	11.188
41.0259	11.188	11.188	11.188	11.188	11.188	11.188	11.188	11.188	11.188	11.188
41.5259	11.188	11.188	11.188	11.188	11.188	11.188	11.188	11.188	11.188	11.188
42.0259	11.188	11.188	11.188	11.188	11.188	11.188	11.188	11.188	11.188	11.188
42.5259	11.188	11.188	11.188	11.188	11.188	11.188	11.188	11.188	11.188	11.188
43.0259	11.188	11.188	11.188	11.188	11.188	11.188	11.188	11.188	11.188	11.188
43.5259	11.188	11.188	11.188	11.188	11.188	11.188	11.188	11.188	11.188	11.188
44.0259	11.188	11.188	11.188	11.188	11.188	11.188	11.188	11.188	11.188	11.188
44.5259	11.188	11.188	11.188	11.188	11.188	11.188	11.188	11.188	11.188	11.188
45.0259	11.188	11.188	11.188	11.188	11.188	11.188	11.188	11.188	11.188	11.188
45.5259	11.188	11.188	11.188	11.188	11.188	11.188	11.188	11.188	11.188	11.188
46.0259	11.188	11.188	11.188	11.188	11.188	11.188	11.188	11.188	11.188	11.188
46.5259	11.188	11.188	11.188	11.188	11.188	11.188	11.188	11.188	11.188	11.188
47.0259	11.188	11.188	11.188	11.188	11.188	11.188	11.188	11.188	11.188	11.188
47.5259	11.188	11.188	11.188	11.188	11.188	11.188	11.188	11.188	11.188	11.188
48.0259	11.188	11.188	11.188	11.188	11.188	11.188	11.188	11.188	11.188	11.188
48.5259	11.188	11.188	11.188	11.188	11.188	11.188	11.188	11.188	11.188	11.188
49.0259	11.188	11.188	11.188	11.188	11.188	11.188	11.188	11.188	11.188	11.188
49.5259	11.188	11.188	11.188	11.188	11.188	11.188	11.188	11.188	11.188	11.188

TEST M2 FINAL TRANSIENT 2596 (50 ms Averaged) SAF1 MW RECORD = 85

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	-0.646	-0.646	-0.646	-0.646	-0.646	-0.646	-0.646	-0.646	-0.646	-0.646
0.5250	-0.646	-0.646	-0.646	-0.646	-0.646	-0.646	-0.646	-0.646	-0.646	-0.646
1.0250	-0.646	-0.646	-0.646	-0.646	-0.646	-0.646	-0.646	-0.646	-0.646	-0.646
1.5250	-0.646	-0.646	-0.646	-0.646	-0.646	-0.646	-0.654	-0.646	-0.646	-0.646
2.0250	-0.646	-0.646	-0.646	-0.646	-0.646	-0.646	-0.646	-0.646	-0.646	-0.646
2.5250	-0.646	-0.646	-0.646	-0.646	-0.646	-0.646	-0.646	-0.630	-0.622	-0.565
3.0250	-0.460	-0.323	-0.258	-0.242	-0.242	-0.137	0.097	0.161	0.242	0.549
3.5250	0.670	0.961	1.187	1.469	1.889	2.357	2.785	3.390	4.125	4.876
4.0250	5.796	6.829	8.097	9.517	11.261	13.150	15.435	18.043	21.061	24.532
4.5250	28.544	33.186	38.482	42.518	43.955	44.544	44.802	44.980	45.158	45.271
5.0250	45.344	45.360	45.384	45.352	45.392	45.360	45.271	45.247	45.142	45.085
5.5250	45.021	44.932	44.916	44.907	44.810	44.794	44.762	44.770	44.924	44.956
6.0250	45.093	45.320	45.424	45.698	45.892	46.118	46.280	46.570	46.845	47.127
6.5250	47.426	47.741	48.015	48.274	48.589	48.879	49.202	49.444	49.839	50.130
7.0250	50.550	50.857	51.123	51.438	51.777	52.156	52.471	52.794	53.060	53.408
7.5250	53.707	54.094	54.392	54.699	55.015	55.313	55.725	55.911	56.226	56.588
8.0250	56.839	57.129	57.492	57.710	58.009	58.365	58.679	59.002	59.269	59.576
8.5250	59.906	60.213	60.512	60.786	61.093	61.359	61.715	62.021	62.296	62.651
9.0250	63.014	63.410	63.773	64.136	64.500	64.927	65.371	65.799	66.275	66.671
9.5250	67.107	67.559	68.027	68.463	68.899	69.359	69.827	70.263	70.699	71.151
10.0250	71.676	72.031	72.467	72.935	73.387	73.839	74.259	74.727	75.171	75.599
10.5250	76.003	76.455	76.907	77.302	77.755	78.231	78.570	79.014	79.385	79.878
11.0250	80.265	80.693	81.097	81.500	81.928	82.332	82.703	83.098	83.445	83.857
11.5250	84.180	84.656	84.963	85.303	85.738	86.183	86.506	86.820	87.191	87.627
12.0250	87.999	88.378	88.822	89.306	89.751	90.227	90.800	91.333	91.809	92.422
12.5250	93.068	93.633	94.247	94.844	95.409	95.983	96.564	97.104	97.653	98.219
13.0250	98.727	99.268	99.760	100.261	100.753	101.222	101.722	102.222	102.610	103.013
13.5250	103.345	103.449	104.386	105.565	106.678	107.768	108.721	109.560	110.416	111.239
14.0250	112.031	112.814	113.621	114.460	115.308	115.954	116.833	117.560	118.408	119.191
14.5250	120.014	120.830	121.693	122.460	123.316	124.075	124.955	125.657	126.489	127.336
15.0250	128.176	128.999	129.718	130.549	131.445	132.212	133.318	134.505	135.861	137.209
15.5250	138.492	139.873	141.100	142.521	143.836	145.281	146.686	148.018	149.382	150.851
16.0250	152.127	153.467	154.839	156.220	157.551	158.997	160.296	161.636	163.017	164.405
16.5250	165.721	167.126	168.401	169.773	171.033	172.599	173.866	175.166	176.579	177.951
17.0250	179.226	180.800	182.092	181.212	145.701	81.662	42.187	27.963	23.104	20.795
17.5250	19.132	17.743	16.452	15.419	14.369	13.546	12.819	12.165	11.738	11.188
18.0250	10.849	10.616	10.300	10.098	9.856	9.671	9.445	9.364	9.114	9.041
18.5250	8.928	8.678	8.638	8.614	8.363	8.234	8.169	7.911	7.838	7.822
19.0250	7.717	7.475	7.427	7.419	7.370	7.112	7.031	6.983	6.950	6.740
19.5250	6.603	6.554	6.595	6.555	6.369	6.240	6.216	6.216	6.192	6.087
20.0250	5.941	5.844	5.812	5.812	5.812	5.764	5.570	5.433	5.409	5.409
20.5250	5.409	5.385	5.336	5.175	5.029	5.005	5.005	5.005	4.981	4.900
21.0250	4.779	4.609	4.609	4.601	4.601	4.601	4.585	4.569	4.456	4.279
21.5250	4.206	4.182	4.166	4.133	4.198	4.198	4.158	4.093	3.956	3.867
22.0250	3.778	3.762	3.729	3.721	3.721	3.794	3.778	3.762	3.584	3.455
22.5250	3.438	3.422	3.406	3.390	3.390	3.390	3.390	3.390	3.382	3.366
23.0250	3.261	3.188	3.043	3.027	3.003	2.995	2.987	2.987	2.987	2.987
23.5250	2.987	2.979	2.955	2.930	2.914	2.842	2.769	2.696	2.648	2.599
24.0250	2.591	2.559	2.583	2.591	2.583	2.583	2.583	2.583	2.583	2.583
24.5250	2.575	2.567	2.575	2.502	2.406	2.398	2.301	2.253	2.228	2.180

TEST M2 FINAL TRANSIENT 2596 (50 ms Averaged) INT1 MJ RECORD = 86

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	-5.107	-4.077	-4.301	-3.987	-4.166	-4.122	-3.898	-4.077	-4.301	-4.122
0.5250	-3.808	-4.166	-3.987	-4.256	-4.211	-4.301	-4.301	-4.211	-4.211	-4.256
1.0250	-4.032	-4.301	-4.211	-4.211	-4.301	-4.211	-4.390	-4.032	-4.301	-4.166
1.5250	-4.301	-4.166	-4.211	-4.301	-4.077	-4.211	-4.077	-4.211	-4.032	-4.256
2.0250	-4.211	-4.211	-4.166	-4.166	-4.166	-4.256	-4.256	-4.122	-4.346	-4.166
2.5250	-4.122	-4.166	-4.077	-3.898	-4.122	-4.301	-4.211	-4.122	-4.032	-3.898
3.0250	-4.166	-3.987	-3.898	-3.898	-3.539	-3.629	-3.584	-3.584	-3.360	-3.091
3.5250	-2.867	-2.822	-2.867	-2.554	-2.464	-2.285	-2.285	-2.240	-2.240	-2.240
4.0250	-2.240	-1.926	-0.717	-0.045	0.000	0.224	1.747	2.285	3.136	4.480
4.5250	5.242	6.854	8.826	10.842	12.947	14.918	17.157	19.173	21.548	23.609
5.0250	25.893	28.268	30.329	32.255	34.450	36.825	39.065	40.946	43.364	45.784
5.5250	47.889	49.816	52.056	54.296	56.491	58.552	60.657	63.524	65.182	67.153
6.0250	69.304	71.587	73.872	76.023	78.128	80.503	82.877	84.893	87.088	89.149
6.5250	91.658	93.987	96.093	98.556	101.154	103.260	105.366	108.009	110.562	112.668
7.0250	115.042	117.775	120.105	122.434	124.898	127.630	130.184	132.603	135.112	137.934
7.5250	140.219	142.728	145.640	148.014	150.792	153.345	156.167	158.586	161.588	164.320
8.0250	166.784	169.517	172.653	175.162	177.940	180.672	183.628	186.495	189.497	192.051
8.5250	195.007	197.919	200.921	203.564	206.745	209.791	212.254	215.615	218.526	221.259
9.0250	224.575	227.442	230.219	233.714	236.805	239.671	242.897	246.033	249.213	252.439
9.5250	255.044	258.756	262.519	265.386	268.566	272.150	275.331	278.825	282.141	285.321
10.0250	289.219	292.265	295.938	299.477	303.016	306.421	310.005	313.544	317.173	320.936
10.5250	324.519	327.879	331.687	335.450	339.124	342.887	346.382	350.861	354.400	358.029
11.0250	361.881	365.645	369.632	373.305	377.293	381.279	385.042	389.164	393.061	397.227
11.5250	401.170	405.515	409.188	413.399	417.656	421.150	425.719	429.707	434.096	438.128
12.0250	442.429	446.685	451.031	455.017	459.542	463.618	468.277	472.220	476.924	481.180
12.5250	485.794	490.094	494.529	498.740	503.714	508.148	512.897	517.376	522.125	526.650
13.0250	531.444	536.057	540.941	545.779	550.393	555.321	560.160	565.087	569.881	574.987
13.5250	579.825	584.798	589.547	594.654	599.716	605.002	610.020	615.262	620.727	625.700
14.0250	631.164	636.540	642.006	647.427	652.444	658.312	663.688	669.602	674.888	680.891
14.5250	686.357	692.359	698.094	703.828	709.920	715.564	721.568	727.706	733.350	739.443
15.0250	745.893	751.717	757.945	764.127	770.487	776.938	782.987	789.214	795.754	802.205
15.5250	808.746	815.510	822.186	828.995	835.714	842.703	849.423	856.679	863.668	871.150
16.0250	878.004	885.350	892.743	900.358	907.705	915.097	922.847	930.150	938.258	945.783
16.5250	953.802	961.643	969.751	977.770	985.834	993.628	1002.095	1010.562	1018.895	1027.362
17.0250	1035.650	1044.295	1052.942	1061.588	1069.517	1074.937	1078.028	1079.642	1080.672	1081.837
17.5250	1082.329	1084.031	1084.121	1085.464	1086.360	1086.495	1087.795	1088.557	1088.601	1088.691
18.0250	1089.766	1090.796	1090.796	1090.930	1091.379	1092.678	1093.037	1093.082	1093.126	1093.888
18.5250	1095.097	1095.321	1095.365	1095.679	1096.755	1097.427	1097.562	1097.562	1097.562	1098.233
19.0250	1099.039	1099.622	1099.801	1099.801	1099.756	1100.204	1101.190	1101.728	1101.863	1101.773
19.5250	1101.863	1101.863	1103.161	1104.101	1104.236	1104.280	1104.280	1104.683	1105.266	1106.207
20.0250	1106.521	1106.521	1106.521	1106.565	1106.565	1106.924	1107.820	1108.313	1108.582	1108.761
20.5250	1108.761	1108.805	1108.805	1109.164	1109.880	1110.686	1111.000	1111.000	1111.000	1111.000
21.0250	1111.045	1111.448	1112.075	1112.971	1113.150	1113.239	1113.239	1113.239	1113.284	1113.239
21.5250	1113.553	1114.360	1114.719	1114.853	1115.480	1115.480	1115.436	1115.436	1115.391	1115.346
22.0250	1115.435	1115.839	1116.465	1116.914	1117.182	1117.630	1117.720	1117.720	1117.630	1117.585
22.5250	1117.720	1118.034	1118.526	1119.064	1119.557	1119.647	1119.961	1119.961	1119.961	1119.961
23.0250	1120.005	1120.274	1120.408	1120.990	1121.707	1121.797	1122.155	1122.200	1122.200	1122.200
23.5250	1122.200	1122.200	1122.200	1122.200	1122.424	1122.648	1123.051	1123.365	1123.947	1124.172
24.0250	1124.351	1124.172	1124.440	1124.440	1124.440	1124.440	1124.440	1124.440	1124.440	1124.485
24.5250	1124.709	1125.157	1125.515	1126.098	1126.187	1126.411	1126.590	1126.635	1126.680	1126.680

TEST M2 FINAL TRANSIENT 2596 (50 ms Averaged) SF1C MW RECORD = 88

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
0.5250	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
1.0250	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
1.5250	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.009	-0.002	-0.002	-0.002
2.0250	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
2.5250	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	0.014	0.021	0.075
3.0250	0.175	0.305	0.367	0.382	0.382	0.482	0.704	0.765	0.842	1.134
3.5250	1.249	1.526	1.740	2.009	2.408	2.853	3.260	3.835	4.534	5.247
4.0250	6.122	7.104	8.310	9.660	11.318	13.113	15.285	17.764	20.634	23.934
4.5250	27.748	32.161	37.195	41.032	42.398	42.958	43.204	43.373	43.542	43.649
5.0250	43.718	43.734	43.757	43.726	43.764	43.734	43.649	43.626	43.526	43.472
5.5250	43.411	43.326	43.311	43.303	43.211	43.196	43.165	43.173	43.319	43.350
6.0250	43.480	43.695	43.795	44.055	44.240	44.455	44.608	44.884	45.145	45.414
6.5250	45.698	45.997	46.258	46.504	46.803	47.079	47.386	47.616	47.992	48.268
7.0250	48.668	48.959	49.212	49.512	49.834	50.195	50.494	50.801	51.054	51.384
7.5250	51.668	52.036	52.320	52.612	52.912	53.195	53.587	53.763	54.063	54.408
8.0250	54.646	54.922	55.267	55.474	55.759	56.096	56.395	56.702	56.956	57.248
8.5250	57.562	57.854	58.137	58.398	58.690	58.943	59.281	59.572	59.834	60.172
9.0250	60.517	60.893	61.238	61.583	61.929	62.335	62.757	63.164	63.617	63.993
9.5250	64.407	64.837	65.282	65.696	66.111	66.549	66.993	67.408	67.822	68.252
10.0250	68.751	69.089	69.503	69.948	70.378	70.807	71.207	71.652	72.074	72.481
10.5250	72.864	73.294	73.723	74.100	74.530	74.982	75.305	75.727	76.080	76.548
11.0250	76.916	77.323	77.707	78.090	78.497	78.881	79.234	79.610	79.939	80.331
11.5250	80.638	81.091	81.382	81.705	82.119	82.541	82.849	83.148	83.501	83.915
12.0250	84.268	84.629	85.051	85.511	85.933	86.386	86.931	87.437	87.890	88.473
12.5250	89.088	89.624	90.208	90.776	91.313	91.858	92.410	92.924	93.446	93.983
13.0250	94.467	94.981	95.449	95.925	96.393	96.838	97.314	97.790	98.158	98.542
13.5250	98.856	98.956	99.846	100.967	102.026	103.062	103.967	104.766	105.579	106.362
14.0250	107.114	107.858	108.625	109.424	110.230	110.843	111.680	112.371	113.176	113.921
14.5250	114.703	115.479	116.300	117.029	117.842	118.563	119.400	120.068	120.858	121.664
15.0250	122.462	123.245	123.928	124.718	125.570	126.299	127.351	128.478	129.768	131.049
15.5250	132.270	133.582	134.748	136.099	137.350	138.724	140.059	141.325	142.622	144.019
16.0250	145.231	146.505	147.810	149.122	150.388	151.762	152.997	154.271	155.584	156.903
16.5250	158.154	159.490	160.702	162.007	163.204	164.693	165.897	167.133	168.476	169.781
17.0250	170.993	172.490	173.717	172.881	139.123	78.244	40.717	27.195	22.576	20.381
17.5250	18.800	17.480	16.252	15.270	14.272	13.489	12.799	12.177	11.771	11.248
18.0250	10.926	10.704	10.404	10.212	9.982	9.806	9.591	9.514	9.276	9.207
18.5250	9.100	8.862	8.824	8.801	8.563	8.440	8.378	8.133	8.064	8.048
19.0250	7.949	7.719	7.673	7.665	7.619	7.373	7.296	7.250	7.220	7.020
19.5250	6.889	6.843	6.882	6.843	6.667	6.545	6.522	6.522	6.499	6.399
20.0250	6.260	6.168	6.137	6.137	6.137	6.092	5.908	5.777	5.754	5.754
20.5250	5.754	5.731	5.685	5.532	5.393	5.370	5.370	5.370	5.347	5.270
21.0250	5.155	4.994	4.994	4.986	4.986	4.986	4.971	4.956	4.848	4.680
21.5250	4.611	4.588	4.572	4.542	4.603	4.603	4.565	4.503	4.373	4.288
22.0250	4.204	4.188	4.158	4.150	4.150	4.219	4.204	4.188	4.019	3.896
22.5250	3.881	3.866	3.850	3.835	3.835	3.835	3.835	3.835	3.827	3.812
23.0250	3.712	3.643	3.506	3.490	3.467	3.460	3.452	3.452	3.452	3.452
23.5250	3.452	3.444	3.421	3.398	3.383	3.314	3.245	3.175	3.129	3.083
24.0250	3.076	3.045	3.068	3.076	3.068	3.068	3.068	3.068	3.068	3.068
24.5250	3.060	3.053	3.060	2.991	2.899	2.892	2.800	2.754	2.731	2.685

TEST M2 FINAL TRANSIENT 2596 (50 ms Averaged) IN1C MJ RECORD = 89

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	-0.926	0.105	-0.119	0.194	0.015	0.060	0.284	0.105	-0.119	0.060
0.5250	0.374	0.015	0.194	-0.074	-0.030	-0.119	-0.119	-0.030	-0.030	-0.074
1.0250	0.150	-0.119	-0.030	-0.030	-0.119	-0.030	-0.209	0.150	-0.119	0.015
1.5250	-0.119	0.015	-0.030	-0.119	0.105	-0.030	0.105	-0.030	0.150	-0.074
2.0250	-0.030	-0.030	0.015	0.015	0.015	-0.074	-0.074	0.060	-0.164	0.015
2.5250	0.060	0.015	0.105	0.284	0.060	-0.119	-0.030	0.060	0.150	0.284
3.0250	0.015	0.194	0.284	0.284	0.642	0.553	0.598	0.598	0.822	1.090
3.5250	1.314	1.359	1.314	1.628	1.718	1.897	1.897	1.942	1.942	1.942
4.0250	1.942	2.255	3.465	4.137	4.182	4.406	5.929	6.466	7.318	8.662
4.5250	9.423	11.036	13.007	15.023	17.129	19.099	21.339	23.355	25.729	27.790
5.0250	30.075	32.449	34.510	36.437	38.632	41.006	43.246	45.128	47.546	49.965
5.5250	52.071	53.997	56.237	58.477	60.672	62.733	64.839	67.706	69.364	71.335
6.0250	73.485	75.769	78.054	80.204	82.310	84.684	87.059	89.075	91.270	93.331
6.5250	95.839	98.169	100.275	102.738	105.336	107.442	109.547	112.190	114.744	116.850
7.0250	119.224	121.957	124.286	126.616	129.080	131.812	134.365	136.785	139.293	142.116
7.5250	144.401	146.909	149.821	152.196	[illegible]	157.527	160.349	162.768	165.769	168.502
8.0250	170.966	173.699	176.835	179.344	[illegible]	184.854	187.810	190.677	193.679	196.232
8.5250	199.189	202.101	205.102	207.746	210.926	213.972	216.436	219.796	222.708	225.441
9.0250	228.756	231.623	234.401	237.895	240.986	243.853	247.078	250.214	253.395	256.621
9.5250	260.025	262.937	266.701	269.567	272.748	276.331	279.512	283.007	286.322	289.503
10.0250	293.401	296.447	300.120	303.659	307.198	310.603	314.186	317.726	321.355	325.117
10.5250	328.701	332.061	335.869	339.632	343.306	347.069	350.563	355.042	358.581	362.210
11.0250	366.063	369.826	373.813	377.487	381.474	385.461	389.223	393.345	397.243	401.409
11.5250	405.352	409.697	413.370	417.581	421.837	425.331	429.901	433.888	438.278	442.310
12.0250	446.610	450.867	455.212	459.199	463.724	467.800	472.459	476.401	481.105	485.361
12.5250	489.976	494.276	498.711	502.922	507.895	512.330	517.079	521.558	526.307	530.831
13.0250	535.625	540.239	545.122	549.961	554.574	559.502	564.341	569.268	574.062	579.168
13.5250	584.007	588.980	593.729	598.836	603.898	609.184	614.201	619.443	624.908	629.881
14.0250	635.346	640.722	646.188	651.608	656.626	662.494	667.869	673.783	679.069	685.073
14.5250	690.539	696.540	702.275	708.009	714.102	719.746	725.749	731.887	737.531	743.624
15.0250	750.075	755.899	762.126	768.308	774.669	781.120	787.168	793.395	799.936	806.386
15.5250	812.927	819.692	826.367	833.176	839.896	846.885	853.604	860.861	867.850	875.331
16.0250	882.185	889.532	896.924	904.540	911.887	919.278	927.029	934.331	942.440	949.965
16.5250	957.984	965.824	973.932	981.951	990.016	997.810	1006.277	1014.744	1023.077	1031.543
17.0250	1039.831	1048.477	1057.123	1065.770	1073.698	1079.119	1082.210	1083.824	1084.854	1086.018
17.5250	1086.510	1088.212	1088.302	1089.647	1090.543	1090.677	1091.976	1092.737	1092.782	1092.872
18.0250	1093.948	1094.978	1094.978	1095.113	1095.560	1096.859	1097.218	1097.263	1097.307	1098.069
18.5250	1099.279	1099.503	1099.548	1099.861	1100.936	1101.608	1101.742	1101.742	1101.742	1102.415
19.0250	1103.221	1103.804	1103.983	1103.983	1103.938	1104.386	1105.372	1105.909	1106.043	1105.954
19.5250	1106.044	1106.044	1107.342	1108.282	1108.416	1108.461	1108.461	1108.865	1109.448	1110.389
20.0250	1110.703	1110.703	1110.703	1110.748	1110.748	1111.106	1112.001	1112.494	1112.762	1112.942
20.5250	1112.942	1112.986	1112.986	1113.345	1114.062	1114.869	1115.182	1115.182	1115.182	1115.182
21.0250	1115.227	1115.630	1116.257	1117.153	1117.332	1117.422	1117.422	1117.422	1117.467	1117.422
21.5250	1117.735	1118.542	1118.900	1119.034	1119.661	1119.661	1119.616	1119.616	1119.572	1119.527
22.0250	1119.616	1120.020	1120.647	1121.095	1121.364	1121.813	1121.902	1121.902	1121.812	1121.768
22.5250	1121.902	1122.216	1122.708	1123.246	1123.738	1123.828	1124.141	1124.141	1124.141	1124.141
23.0250	1124.186	1124.455	1124.589	1125.172	1125.889	1125.979	1126.337	1126.382	1126.382	1126.382
23.5250	1126.382	1126.382	1126.382	1126.382	1126.606	1126.830	1127.233	1127.546	1128.129	1128.353
24.0250	1128.532	1128.353	1128.621	1128.621	1128.621	1128.621	1128.621	1128.621	1128.621	1128.666
24.5250	1128.890	1129.339	1129.697	1130.280	1130.369	1130.593	1130.773	1130.817	1130.862	1130.862

TEST M2 FINAL TRANSIENT 2596 (50 ms Averaged) ROD1 CM RECORD = 90

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	27.745	27.760	27.762	27.760	27.765	27.765	27.762	27.762	27.765	27.760
0.5250	27.760	27.755	27.755	27.752	27.725	27.720	27.713	27.708	27.705	27.685
1.0250	27.673	27.683	27.683	27.673	27.670	27.665	27.665	27.663	27.650	27.660
1.5250	27.650	27.660	27.660	27.655	27.648	27.658	27.650	27.650	27.650	27.648
2.0250	27.648	27.648	27.653	27.645	27.643	27.650	27.650	27.650	27.648	27.648
2.5250	27.645	27.645	27.648	27.648	27.653	27.648	27.650	27.645	27.645	27.643
3.0250	27.648	27.643	27.645	27.640	27.638	27.643	27.638	27.648	27.643	27.645
3.5250	27.638	27.640	27.643	27.640	27.638	27.640	27.638	27.640	27.635	27.643
4.0250	27.648	27.635	27.635	27.635	27.635	27.628	27.635	27.630	27.633	27.630
4.5250	27.640	27.628	27.628	27.628	27.615	27.615	27.623	27.628	27.635	27.625
5.0250	27.635	27.622	27.628	27.628	27.617	27.628	27.622	27.605	27.615	27.625
5.5250	27.623	27.620	27.620	27.620	27.615	27.615	27.628	27.600	27.612	27.612
6.0250	27.605	27.617	27.610	27.620	27.607	27.615	27.607	27.615	27.605	27.607
6.5250	27.612	27.605	27.597	27.600	27.605	27.612	27.592	27.605	27.615	27.600
7.0250	27.605	27.587	27.592	27.602	27.595	27.597	27.597	27.605	27.602	27.595
7.5250	27.600	27.597	27.592	27.589	27.602	27.620	27.589	27.605	27.597	27.595
8.0250	27.597	27.602	27.597	27.605	27.584	27.595	27.597	27.589	27.592	27.600
8.5250	27.600	27.584	27.592	27.595	27.587	27.587	27.610	27.582	27.577	27.600
9.0250	27.579	27.582	27.577	27.582	27.587	27.564	27.587	27.574	27.582	27.587
9.5250	27.577	27.574	27.589	27.582	27.572	27.579	27.582	27.584	27.584	27.582
10.0250	27.562	27.582	27.582	27.574	27.579	27.587	27.584	27.587	27.582	27.579
10.5250	27.574	27.579	27.582	27.579	27.572	27.582	27.574	27.572	27.582	27.572
11.0250	27.582	27.579	27.579	27.587	27.574	27.577	27.579	27.574	27.574	27.564
11.5250	27.579	27.577	27.572	27.569	27.569	27.572	27.572	27.556	27.567	27.577
12.0250	27.569	27.567	27.572	27.564	27.574	27.564	27.567	27.572	27.564	27.567
12.5250	27.564	27.567	27.569	27.559	27.564	27.556	27.556	27.559	27.569	27.572
13.0250	27.564	27.577	27.577	27.556	27.567	27.559	27.564	27.569	27.574	27.569
13.5250	27.610	28.319	29.309	29.879	30.328	30.761	31.197	31.629	32.046	32.447
14.0250	32.894	33.422	33.987	34.555	35.095	35.560	36.007	36.441	36.926	37.421
14.5250	37.954	38.474	38.979	39.478	39.991	40.494	40.938	41.420	41.920	42.394
15.0250	42.827	43.250	43.685	44.182	44.695	45.251	45.861	46.473	47.063	47.604
15.5250	48.111	48.641	49.202	49.811	50.421	51.040	51.646	52.244	52.820	53.408
16.0250	53.999	54.632	55.279	55.885	56.440	56.996	57.542	58.120	58.731	59.352
16.5250	59.996	60.616	61.218	61.821	62.427	63.083	63.755	64.434	65.149	65.876
17.0250	66.611	67.302	68.000	64.139	42.433	20.065	6.681	2.091	0.753	0.290
17.5250	0.056	-0.094	-0.204	-0.264	-0.315	-0.356	-0.373	-0.391	-0.422	-0.427
18.0250	-0.432	-0.442	-0.457	-0.467	-0.470	-0.470	-0.467	-0.467	-0.472	-0.460
18.5250	-0.467	-0.483	-0.475	-0.475	-0.472	-0.472	-0.485	-0.483	-0.470	-0.475
19.0250	-0.475	-0.462	-0.470	-0.493	-0.535	-0.596	-0.553	-0.616	-0.561	-0.680
19.5250	-0.682	-0.745	-0.538	-0.470	-0.472	-0.455	-0.467	-0.470	-0.467	-0.478
20.0250	-0.472	-0.465	-0.470	-0.460	-0.457	-0.452	-0.460	-0.462	-0.455	-0.455
20.5250	-0.475	-0.465	-0.472	-0.472	-0.455	-0.457	-0.462	-0.465	-0.467	-0.457
21.0250	-0.455	-0.472	-0.465	-0.472	-0.470	-0.460	-0.465	-0.472	-0.450	-0.518
21.5250	-0.530	-0.553	-0.606	-0.707	-0.455	-0.470	-0.543	-0.581	-0.576	-0.611
22.0250	-0.657	-0.586	-0.634	-0.642	-0.611	-0.475	-0.460	-0.472	-0.508	-0.563
22.5250	-0.445	-0.457	-0.465	-0.452	-0.445	-0.462	-0.450	-0.462	-0.465	-0.462
23.0250	-0.455	-0.465	-0.457	-0.437	-0.450	-0.452	-0.455	-0.452	-0.447	-0.455
23.5250	-0.455	-0.457	-0.457	-0.452	-0.457	-0.445	-0.460	-0.442	-0.447	-0.450
24.0250	-0.437	-0.566	-0.450	-0.450	-0.434	-0.442	-0.447	-0.452	-0.437	-0.452
24.5250	-0.447	-0.445	-0.439	-0.447	-0.457	-0.452	-0.452	-0.445	-0.442	-0.439

TEST M2 FINAL TRANSIENT 2596 (50 ms Averaged) ROD2 CM RECORD = 91

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	0.061	0.107	0.124	0.119	0.122	0.114	0.117	0.112	0.104	0.107
0.5250	0.099	0.605	14.072	27.873	32.847	34.571	35.166	35.451	35.601	35.702
1.0250	35.712	35.771	35.786	35.811	35.814	35.817	35.819	35.827	35.827	35.824
1.5250	35.832	35.819	35.824	35.829	35.824	35.824	35.817	35.809	35.817	35.814
2.0250	35.817	35.799	35.806	35.804	35.814	35.804	35.806	35.809	35.809	35.811
2.5250	35.804	35.811	35.773	35.906	35.705	35.580	35.596	35.542	35.583	35.565
3.0250	35.583	35.552	35.458	35.552	35.578	35.598	35.575	35.575	35.578	35.583
3.5250	35.578	35.598	35.583	35.588	35.606	35.634	35.654	35.697	35.705	35.705
4.0250	35.723	35.806	35.832	35.839	35.919	36.012	36.083	36.134	36.220	36.337
4.5250	36.469	36.634	35.740	31.491	29.971	29.491	29.357	29.274	29.256	29.258
5.0250	29.258	29.291	29.362	29.390	29.464	29.520	29.629	29.705	29.792	29.888
5.5250	30.010	30.127	30.212	30.343	30.462	30.617	30.770	30.973	31.143	31.335
6.0250	31.544	31.720	31.936	32.131	32.319	32.553	32.758	32.981	33.208	33.393
6.5250	33.618	33.843	34.071	34.272	34.498	34.716	34.945	35.159	35.392	35.639
7.0250	35.877	36.134	36.354	36.594	36.840	37.087	37.310	37.560	37.800	38.058
7.5250	38.291	38.542	38.781	39.025	39.254	39.527	39.778	40.048	40.311	40.576
8.0250	40.840	41.112	41.374	41.651	41.915	42.182	42.436	42.713	42.997	43.295
8.5250	43.589	43.876	44.166	44.448	44.752	45.037	45.320	45.613	45.918	46.205
9.0250	46.476	46.812	47.121	47.440	47.768	48.069	48.405	48.754	49.080	49.389
9.5250	49.703	50.008	50.338	50.656	51.000	51.346	51.695	52.044	52.387	52.730
10.0250	53.045	53.394	53.726	54.072	54.424	54.773	55.126	55.509	55.870	56.206
10.5250	56.573	56.942	57.296	57.663	58.029	58.411	58.804	59.198	59.584	59.985
11.0250	60.368	60.747	61.122	61.516	61.911	62.330	62.751	63.193	63.615	64.025
11.5250	64.457	64.851	65.274	65.714	66.149	66.612	67.049	67.499	67.939	68.400
12.0250	68.827	69.325	69.843	70.374	70.902	71.449	71.964	72.496	73.057	73.631
12.5250	74.250	74.860	75.469	76.064	76.703	77.366	78.023	78.711	79.345	79.993
13.0250	80.681	81.401	82.147	82.906	83.667	84.461	85.295	86.163	87.063	88.021
13.5250	88.547	88.440	88.413	88.393	88.383	88.380	88.368	88.370	88.358	88.355
14.0250	88.355	88.345	88.343	88.343	88.320	88.330	88.315	88.303	88.306	88.315
14.5250	88.303	88.303	88.303	88.303	88.298	88.301	88.301	88.293	88.295	88.295
15.0250	88.293	88.288	88.288	88.275	88.285	88.280	88.280	88.298	88.280	88.280
15.5250	88.288	88.290	88.288	88.283	88.290	88.285	88.288	88.288	88.283	88.288
16.0250	88.280	88.283	88.288	88.285	88.283	88.280	88.278	88.283	88.278	88.278
16.5250	88.273	88.275	88.285	88.278	88.278	88.280	88.268	88.273	88.273	88.275
17.0250	88.265	88.273	88.273	87.627	84.466	80.365	75.694	70.814	65.916	60.844
17.5250	55.716	50.583	45.379	40.043	34.774	29.567	24.389	19.741	15.599	12.170
18.0250	9.505	7.568	6.096	4.941	4.025	3.224	2.574	2.053	1.641	1.330
18.5250	1.085	0.880	0.724	0.561	0.414	0.292	0.183	0.061	-0.038	-0.094
19.0250	-0.188	-0.203	-0.206	-0.454	-0.524	-1.268	-1.260	-1.938	-1.528	-2.355
19.5250	-3.288	-2.716	-0.936	-0.058	-0.025	0.028	0.048	0.056	0.064	0.089
20.0250	0.145	0.173	0.173	0.183	0.195	0.185	0.198	0.198	0.220	0.235
20.5250	0.250	0.265	0.255	0.265	0.282	0.287	0.282	0.287	0.290	0.292
21.0250	0.297	0.292	0.295	0.290	0.290	0.295	0.300	0.292	0.297	-0.112
21.5250	-0.264	-0.304	-2.067	-1.943	0.290	0.295	0.090	-0.380	-1.080	-2.759
22.0250	-2.238	-1.558	-2.408	-3.455	-2.357	0.297	0.292	0.287	-0.006	-0.671
22.5250	0.297	0.297	0.295	0.290	0.302	0.292	0.300	0.297	0.300	0.292
23.0250	0.302	0.297	0.300	0.295	0.297	0.292	0.292	0.297	0.292	0.300
23.5250	0.302	0.297	0.290	0.297	0.297	0.292	0.300	0.297	0.300	0.297
24.0250	0.292	-0.560	0.287	0.297	0.290	0.290	0.292	0.285	0.300	0.292
24.5250	0.297	0.292	0.290	0.282	0.292	0.290	0.285	0.290	0.282	0.295

TEST M2 FINAL TRANSIENT 2596 (50 ms Averaged) RSF NORM RECORD = 92

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	0.890	0.891	0.891	0.891	0.891	0.891	0.891	0.891	0.891	0.891
0.5250	0.891	0.891	0.908	0.926	0.932	0.935	0.935	0.936	0.936	0.936
1.0250	0.936	0.936	0.936	0.936	0.936	0.936	0.936	0.936	0.936	0.936
1.5250	0.936	0.936	0.936	0.936	0.936	0.936	0.936	0.936	0.936	0.936
2.0250	0.936	0.936	0.936	0.936	0.936	0.936	0.936	0.936	0.936	0.936
2.5250	0.936	0.936	0.936	0.936	0.936	0.936	0.936	0.936	0.936	0.936
3.0250	0.936	0.936	0.936	0.936	0.936	0.936	0.936	0.936	0.936	0.936
3.5250	0.936	0.936	0.936	0.936	0.936	0.936	0.936	0.936	0.936	0.936
4.0250	0.936	0.936	0.936	0.936	0.936	0.936	0.936	0.936	0.937	0.937
4.5250	0.937	0.937	0.936	0.931	0.929	0.928	0.928	0.928	0.928	0.928
5.0250	0.928	0.928	0.928	0.928	0.928	0.928	0.928	0.928	0.928	0.928
5.5250	0.929	0.929	0.929	0.929	0.929	0.929	0.930	0.930	0.930	0.930
6.0250	0.931	0.931	0.931	0.931	0.932	0.932	0.932	0.932	0.933	0.933
6.5250	0.933	0.933	0.934	0.934	0.934	0.935	0.935	0.935	0.935	0.936
7.0250	0.936	0.936	0.937	0.937	0.937	0.938	0.938	0.938	0.939	0.939
7.5250	0.939	0.939	0.940	0.940	0.940	0.941	0.941	0.941	0.942	0.942
8.0250	0.942	0.943	0.943	0.943	0.944	0.944	0.944	0.945	0.945	0.946
8.5250	0.946	0.946	0.947	0.947	0.947	0.948	0.948	0.949	0.949	0.949
9.0250	0.950	0.950	0.950	0.951	0.951	0.952	0.952	0.953	0.953	0.953
9.5250	0.954	0.954	0.955	0.955	0.955	0.956	0.956	0.957	0.957	0.958
10.0250	0.958	0.958	0.959	0.959	0.960	0.960	0.961	0.961	0.962	0.962
10.5250	0.963	0.963	0.963	0.964	0.964	0.965	0.965	0.966	0.966	0.967
11.0250	0.967	0.968	0.968	0.969	0.969	0.970	0.970	0.971	0.972	0.972
11.5250	0.973	0.973	0.974	0.974	0.975	0.975	0.976	0.976	0.977	0.978
12.0250	0.978	0.979	0.980	0.980	0.981	0.982	0.982	0.983	0.984	0.984
12.5250	0.985	0.986	0.987	0.987	0.988	0.989	0.990	0.991	0.992	0.993
13.0250	0.993	0.994	0.995	0.996	0.997	0.998	0.999	1.000	1.002	1.003
13.5250	1.004	1.005	1.007	1.008	1.009	1.010	1.011	1.012	1.013	1.013
14.0250	1.014	1.015	1.017	1.018	1.019	1.020	1.021	1.022	1.023	1.024
14.5250	1.025	1.026	1.027	1.028	1.029	1.030	1.031	1.032	1.033	1.034
15.0250	1.035	1.036	1.037	1.038	1.039	1.040	1.041	1.043	1.044	1.045
15.5250	1.046	1.047	1.048	1.050	1.051	1.052	1.054	1.055	1.056	1.057
16.0250	1.058	1.060	1.061	1.062	1.064	1.065	1.066	1.067	1.068	1.070
16.5250	1.071	1.072	1.074	1.075	1.076	1.077	1.079	1.080	1.082	1.083
17.0250	1.085	1.086	1.088	1.079	1.029	0.977	0.944	0.929	0.920	0.913
17.5250	0.906	0.900	0.893	0.887	0.880	0.874	0.868	0.862	0.857	0.853
18.0250	0.850	0.847	0.845	0.844	0.843	0.842	0.841	0.841	0.840	0.840
18.5250	0.839	0.839	0.839	0.839	0.839	0.838	0.838	0.838	0.838	0.838
19.0250	0.838	0.838	0.838	0.837	0.837	0.836	0.836	0.835	0.836	0.835
19.5250	0.834	0.834	0.837	0.838	0.838	0.838	0.838	0.838	0.838	0.838
20.0250	0.838	0.838	0.838	0.838	0.838	0.838	0.838	0.838	0.838	0.838
20.5250	0.838	0.838	0.838	0.838	0.838	0.838	0.838	0.838	0.838	0.838
21.0250	0.838	0.838	0.838	0.838	0.838	0.838	0.838	0.838	0.838	0.838
21.5250	0.838	0.838	0.835	0.835	0.838	0.838	0.838	0.837	0.837	0.834
22.0250	0.835	0.836	0.835	0.834	0.835	0.838	0.838	0.838	0.838	0.837
22.5250	0.838	0.838	0.838	0.838	0.838	0.838	0.838	0.838	0.838	0.838
23.0250	0.838	0.838	0.838	0.838	0.838	0.838	0.838	0.838	0.838	0.838
23.5250	0.838	0.838	0.838	0.838	0.838	0.838	0.838	0.838	0.838	0.838
24.0250	0.838	0.837	0.838	0.838	0.838	0.838	0.838	0.838	0.838	0.838
24.5250	0.838	0.838	0.838	0.838	0.838	0.838	0.838	0.838	0.838	0.838

TEST M2 FINAL TRANSIENT 2596 (50 ms Averaged) PRSF MW RECORD = 93

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
0.5250	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
1.0250	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
1.5250	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.009	-0.002	-0.002	-0.002
2.0250	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
2.5250	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	0.013	0.020	0.070
3.0250	0.164	0.286	0.343	0.358	0.358	0.451	0.659	0.716	0.788	1.061
3.5250	1.169	1.428	1.629	1.880	2.254	2.670	3.051	3.589	4.243	4.911
4.0250	5.730	6.650	7.778	9.043	10.596	12.278	14.313	16.635	19.326	22.420
4.5250	25.998	30.138	34.811	38.180	39.368	39.862	40.083	40.236	40.392	40.491
5.0250	40.556	40.571	40.597	40.570	40.609	40.584	40.512	40.493	40.406	40.362
5.5250	40.312	40.240	40.230	40.230	40.151	40.145	40.126	40.142	40.288	40.328
6.0250	40.460	40.671	40.775	41.030	41.211	41.425	41.579	41.850	42.106	42.367
6.5250	42.646	42.937	43.194	43.436	43.729	44.001	44.300	44.529	44.896	45.168
7.0250	45.557	45.845	46.096	46.393	46.710	47.064	47.359	47.664	47.917	48.243
7.5250	48.525	48.888	49.170	49.460	49.759	50.046	50.428	50.615	50.914	51.257
8.0250	51.500	51.780	52.123	52.339	52.624	52.963	53.264	53.573	53.834	54.132
8.5250	54.451	54.747	55.038	55.306	55.604	55.866	56.210	56.505	56.776	57.121
9.0250	57.468	57.851	58.203	58.557	58.912	59.320	59.751	60.166	60.624	61.009
9.5250	61.428	61.863	62.317	62.738	63.162	63.611	64.066	64.493	64.919	65.361
10.0250	65.866	66.220	66.647	67.104	67.548	67.993	68.409	68.872	69.310	69.732
10.5250	70.135	70.584	71.031	71.428	71.876	72.351	72.699	73.144	73.524	74.014
11.0250	74.410	74.841	75.249	75.661	76.093	76.508	76.893	77.302	77.666	78.087
11.5250	78.432	78.913	79.240	79.600	80.049	80.510	80.856	81.193	81.587	82.043
12.0250	82.433	82.839	83.310	83.818	84.292	84.794	85.387	85.945	86.452	87.091
12.5250	87.765	88.365	89.011	89.639	90.245	90.860	91.484	92.075	92.670	93.282
13.0250	93.843	94.444	95.001	95.563	96.125	96.667	97.246	97.832	98.315	98.819
13.5250	99.209	99.442	100.540	101.786	102.948	104.087	105.095	105.996	106.909	107.791
14.0250	108.653	109.526	110.433	111.375	112.317	113.051	114.006	114.812	115.750	116.631
14.5250	117.558	118.478	119.444	120.315	121.276	122.144	123.117	123.925	124.868	125.821
15.0250	126.756	127.675	128.495	129.442	130.463	131.366	132.622	133.964	135.466	136.952
15.5250	138.369	139.890	141.269	142.858	144.347	145.970	147.553	149.063	150.602	152.255
16.0250	153.715	155.258	156.841	158.422	159.941	161.579	163.068	164.613	166.211	167.825
16.5250	169.375	171.013	172.517	174.120	175.614	177.442	178.971	180.542	182.245	183.915
17.0250	185.488	187.363	188.950	186.515	143.455	76.693	38.479	25.262	20.772	18.608
17.5250	17.039	15.729	14.519	13.541	12.564	11.789	11.105	10.497	10.087	9.593
18.0250	9.283	9.069	8.796	8.619	8.414	8.256	8.068	7.997	7.792	7.731
18.5250	7.638	7.436	7.402	7.381	7.180	7.076	7.023	6.816	6.757	6.744
19.0250	6.659	6.467	6.428	6.419	6.379	6.166	6.102	6.058	6.036	5.861
19.5250	5.745	5.711	5.759	5.735	5.587	5.485	5.466	5.466	5.447	5.363
20.0250	5.247	5.171	5.145	5.145	5.145	5.106	4.952	4.843	4.824	4.824
20.5250	4.824	4.805	4.766	4.637	4.522	4.503	4.502	4.502	4.483	4.419
21.0250	4.322	4.187	4.187	4.180	4.180	4.181	4.168	4.155	4.065	3.921
21.5250	3.862	3.843	3.820	3.794	3.859	3.859	3.825	3.771	3.658	3.580
22.0250	3.511	3.502	3.472	3.461	3.466	3.537	3.524	3.511	3.368	3.262
22.5250	3.254	3.241	3.228	3.215	3.215	3.215	3.215	3.215	3.209	3.196
23.0250	3.113	3.055	2.939	2.926	2.907	2.901	2.894	2.894	2.894	2.894
23.5250	2.894	2.838	2.868	2.849	2.836	2.778	2.720	2.662	2.624	2.585
24.0250	2.579	2.549	2.572	2.579	2.572	2.572	2.572	2.572	2.572	2.572
24.5250	2.566	2.559	2.566	2.508	2.431	2.424	2.347	2.309	2.290	2.251

TEST M2 FINAL TRANSIENT 2596 (50 ms Averaged) ERSF MJ RECORD = 94

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	0.000	0.000	0.000	0.000	0.000	0.000	-0.001	-0.001	-0.001	-0.001
0.5250	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.002	-0.002
1.0250	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
1.5250	-0.003	-0.003	-0.003	-0.003	-0.003	-0.003	-0.003	-0.003	-0.004	-0.004
2.0250	-0.004	-0.004	-0.004	-0.004	-0.004	-0.004	-0.004	-0.004	-0.004	-0.004
2.5250	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.004	-0.002
3.0250	0.003	0.015	0.031	0.049	0.067	0.086	0.114	0.149	0.185	0.232
3.5250	0.287	0.353	0.427	0.515	0.619	0.741	0.884	1.049	1.246	1.474
4.0250	1.737	2.045	2.405	2.826	3.315	3.886	4.550	5.322	6.220	7.262
4.5250	8.458	9.858	11.482	13.318	15.262	17.244	19.242	21.251	23.267	25.289
5.0250	27.295	29.323	31.353	33.382	35.412	37.441	39.469	41.494	43.516	45.535
5.5250	47.532	49.546	51.558	53.569	55.579	57.586	59.593	61.599	63.610	65.625
6.0250	67.625	69.653	71.689	73.735	75.790	77.856	79.931	82.017	84.115	86.228
6.5250	88.332	90.470	92.624	94.789	96.969	99.162	101.369	103.591	105.826	108.078
7.0250	110.323	112.607	114.906	117.219	119.546	121.891	124.251	126.626	129.017	131.420
7.5250	133.815	136.251	138.702	141.169	143.649	146.144	148.656	151.182	153.720	156.275
8.0250	158.817	161.399	163.998	166.608	169.232	171.873	174.528	177.199	179.884	182.583
8.5250	185.271	188.001	190.745	193.504	196.277	199.063	201.865	204.683	207.515	210.363
9.0250	213.198	216.081	218.983	221.902	224.838	227.794	230.771	233.768	236.788	239.829
9.5250	242.859	245.942	249.046	252.173	255.320	258.490	261.681	264.895	268.131	271.388
10.0250	274.635	277.938	281.260	284.603	287.970	291.358	294.769	298.201	301.655	305.131
10.5250	308.593	312.110	315.651	319.213	322.795	326.401	330.027	333.672	337.339	341.028
11.0250	344.701	348.432	352.185	355.958	359.752	363.567	367.402	371.256	375.131	379.025
11.5250	382.899	386.832	390.787	394.757	398.748	402.762	406.797	410.847	414.917	419.008
12.0250	423.079	427.210	431.364	435.541	439.745	443.971	448.226	452.510	456.819	461.157
12.5250	465.485	469.888	474.322	478.789	483.286	487.813	492.372	496.961	501.580	506.229
13.0250	510.860	515.567	520.304	525.067	529.860	534.680	539.528	544.404	549.309	554.237
13.5250	559.139	564.103	569.100	574.158	579.277	584.454	589.684	594.961	600.284	605.652
14.0250	611.009	616.463	621.962	627.507	633.101	638.734	644.410	650.131	655.894	661.704
14.5250	667.500	673.402	679.349	685.342	691.382	697.467	703.601	709.775	715.995	722.262
15.0250	728.513	734.874	741.279	747.727	754.225	760.770	767.369	774.032	780.768	787.579
15.5250	794.393	801.350	808.378	815.482	822.662	829.918	837.257	844.672	852.165	859.737
16.0250	867.308	875.033	882.834	890.717	898.677	906.714	914.831	923.022	931.292	939.643
16.5250	947.990	956.499	965.087	973.753	982.496	991.323	1000.234	1009.221	1018.291	1027.444
17.0250	1036.588	1045.908	1055.317	1064.766	1073.244	1078.698	1081.433	1082.964	1084.098	1085.078
17.5250	1085.960	1086.778	1087.534	1088.235	1088.887	1089.494	1090.065	1090.606	1091.122	1091.615
18.0250	1092.083	1092.542	1092.990	1093.427	1093.852	1094.271	1094.677	1095.079	1095.474	1095.859
18.5250	1096.239	1096.616	1096.988	1097.360	1097.726	1098.081	1098.434	1098.781	1099.118	1099.454
19.0250	1099.785	1100.114	1100.438	1100.761	1101.082	1101.396	1101.702	1102.006	1102.308	1102.607
19.5250	1102.893	1103.178	1103.462	1103.748	1104.031	1104.308	1104.583	1104.857	1105.132	1105.402
20.0250	1105.664	1105.922	1106.179	1106.436	1106.692	1106.948	1107.200	1107.447	1107.691	1107.935
20.5250	1108.177	1108.421	1108.663	1108.899	1109.127	1109.353	1109.579	1109.805	1110.031	1110.255
21.0250	1110.472	1110.684	1110.892	1111.100	1111.307	1111.515	1111.722	1111.929	1112.134	1112.334
21.5250	1112.528	1112.722	1112.916	1113.108	1113.302	1113.497	1113.691	1113.883	1114.069	1114.249
22.0250	1114.424	1114.599	1114.774	1114.947	1115.121	1115.296	1115.473	1115.649	1115.822	1115.986
22.5250	1116.147	1116.309	1116.469	1116.628	1116.786	1116.945	1117.104	1117.262	1117.421	1117.579
23.0250	1117.734	1117.888	1118.038	1118.186	1118.333	1118.480	1118.627	1118.773	1118.920	1119.066
23.5250	1119.211	1119.358	1119.503	1119.647	1119.790	1119.931	1120.068	1120.201	1120.333	1120.462
24.0250	1120.589	1120.717	1120.844	1120.973	1121.101	1121.229	1121.358	1121.486	1121.614	1121.742
24.5250	1121.869	1121.997	1122.125	1122.251	1122.375	1122.496	1122.615	1122.730	1122.844	1122.955

TEST M2 FINAL TRANSIENT 2596 (50 ms Averaged) FM1L CC/S RECORD = 95

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	195.695	195.722	195.645	195.708	195.645	195.930	195.907	195.803	195.668	195.627
0.5250	195.496	195.704	195.654	195.749	195.957	195.862	195.627	195.713	195.704	195.713
1.0250	195.668	195.492	195.691	195.862	195.740	195.681	195.690	195.636	195.912	195.862
1.5250	195.839	195.808	195.727	195.731	195.785	195.799	195.848	195.704	195.988	195.790
2.0250	195.763	195.957	196.006	195.889	195.681	195.573	195.609	195.848	195.533	195.749
2.5250	195.903	195.916	195.799	195.731	195.636	195.799	195.722	195.740	195.889	195.713
3.0250	195.772	195.754	196.002	195.857	195.979	195.993	195.952	196.119	196.237	196.160
3.5250	196.079	195.961	195.876	196.210	196.101	196.110	195.993	196.011	196.151	196.128
4.0250	196.043	195.857	196.083	195.984	196.029	195.857	196.088	196.115	195.848	196.119
4.5250	196.232	196.151	195.867	195.925	196.151	196.106	195.776	196.381	196.246	196.205
5.0250	196.137	196.440	196.616	196.255	196.485	196.756	196.557	196.625	196.638	196.756
5.5250	196.715	196.787	197.072	197.180	196.688	196.792	196.941	196.991	196.760	196.909
6.0250	197.094	196.936	197.072	197.198	197.117	197.320	197.158	197.058	196.891	197.072
6.5250	196.824	197.040	197.139	197.189	197.257	197.018	197.428	197.185	197.180	197.257
7.0250	196.909	197.103	197.090	197.027	197.207	197.365	197.451	197.121	197.121	197.203
7.5250	197.171	197.176	197.081	197.121	197.112	196.869	196.954	197.072	196.864	197.022
8.0250	197.149	197.320	197.153	197.144	197.347	197.672	197.397	197.320	197.442	197.460
8.5250	197.288	197.356	197.559	197.356	197.121	197.334	197.297	197.207	197.243	197.149
9.0250	197.306	197.483	197.374	197.334	197.121	197.221	197.144	197.288	197.316	197.230
9.5250	197.117	197.347	197.433	197.293	197.239	197.424	197.591	197.437	197.284	197.212
10.0250	197.284	197.149	197.275	197.487	197.514	197.239	197.582	197.320	197.379	197.424
10.5250	197.428	197.307	197.018	197.117	197.216	197.243	197.320	197.510	197.243	197.320
11.0250	197.230	197.194	197.316	197.207	197.356	197.320	197.302	197.194	197.338	197.306
11.5250	197.121	197.094	196.963	197.180	197.009	197.036	197.356	197.419	197.343	197.320
12.0250	197.144	197.185	197.167	197.239	197.167	197.243	197.311	197.185	197.194	197.248
12.5250	197.383	197.198	197.081	197.284	197.180	197.216	197.216	197.288	197.243	197.293
13.0250	197.383	197.167	197.018	196.932	196.824	196.634	197.018	197.058	197.099	196.923
13.5250	197.167	197.085	197.022	197.027	196.977	196.860	196.508	197.013	197.013	196.796
14.0250	196.702	196.467	196.503	196.548	196.647	196.584	196.440	196.489	196.521	196.404
14.5250	196.295	196.309	196.422	196.151	196.349	196.431	196.544	196.214	196.101	196.273
15.0250	196.286	196.128	196.255	196.327	196.052	195.993	196.065	195.857	195.880	195.749
15.5250	195.573	195.808	195.799	195.830	195.889	195.912	195.727	195.474	195.356	195.235
16.0250	194.869	194.860	195.135	195.329	195.830	195.848	195.758	195.501	195.298	194.756
16.5250	194.422	194.377	194.747	195.081	195.424	195.736	195.420	195.226	194.892	194.711
17.0250	95.240	-212.817	-47.601	83.427	79.247	66.852	111.852	160.973	132.580	81.238
17.5250	134.900	148.569	141.188	136.810	157.497	161.249	156.383	158.382	161.741	161.393
18.0250	161.538	162.039	164.521	166.869	168.448	168.480	167.776	168.318	168.859	169.098
18.5250	169.076	169.094	169.414	169.721	169.473	169.387	169.591	169.780	169.708	169.830
19.0250	169.852	170.213	169.992	171.283	172.944	172.841	173.572	178.194	175.134	175.414
19.5250	179.562	177.192	174.204	169.017	169.238	169.329	169.071	169.130	168.449	168.155
20.0250	168.701	168.643	168.561	168.661	168.593	168.575	168.507	168.399	168.426	168.363
20.5250	168.476	168.656	168.516	168.232	168.304	168.467	168.408	168.263	167.988	168.241
21.0250	168.318	168.123	168.038	168.142	168.178	168.015	168.006	168.232	168.065	169.171
21.5250	170.845	170.963	173.888	174.940	167.663	167.505	168.408	172.944	173.870	175.256
22.0250	175.396	175.797	180.230	176.610	174.290	167.130	167.261	167.004	168.092	172.552
22.5250	167.455	167.401	167.474	167.189	167.239	166.963	166.584	166.020	165.668	165.451
23.0250	164.964	164.323	163.885	163.546	162.991	162.517	161.876	161.578	160.698	157.705
23.5250	153.615	148.962	144.420	141.103	139.654	139.983	140.963	142.042	141.753	141.184
24.0250	141.139	145.612	142.073	142.525	142.773	142.407	142.186	142.168	142.272	142.168
24.5250	142.299	141.685	142.118	142.601	142.651	142.845	143.066	142.994	143.039	143.233

TEST M2 FINAL TRANSIENT 2596 (50 ms Averaged) FM2L CC/S RECORD = 96

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	196.954	196.576	196.934	197.203	196.964	197.173	197.761	197.960	197.442	197.293
0.5250	197.333	196.944	196.904	196.785	196.317	197.482	197.811	197.861	197.163	196.068
1.0250	196.137	196.347	196.486	197.572	198.120	198.140	196.556	196.267	196.825	196.516
1.5250	196.516	196.914	196.277	196.207	196.755	197.263	196.506	196.586	196.197	196.177
2.0250	196.137	197.114	198.259	198.080	196.964	196.596	196.745	196.865	197.054	197.343
2.5250	197.652	197.901	197.901	197.761	198.588	197.671	196.566	196.008	195.809	195.510
3.0250	195.530	195.271	195.470	195.719	196.635	197.632	197.602	196.546	196.277	195.111
3.5250	194.643	196.327	197.502	197.064	196.297	196.207	195.570	195.609	195.639	197.144
4.0250	198.100	197.442	196.994	196.904	197.303	196.645	196.456	196.127	196.406	197.313
4.5250	197.821	197.482	198.100	197.741	197.592	198.777	199.993	200.222	199.803	198.887
5.0250	197.941	196.775	194.792	194.693	197.442	201.009	201.856	202.204	201.945	200.590
5.5250	200.481	204.545	201.447	193.996	192.681	192.073	192.760	198.060	197.422	193.796
6.0250	198.170	205.283	204.017	207.424	210.034	205.532	202.463	195.659	191.854	196.287
6.5250	202.882	205.940	207.315	198.100	200.411	204.446	204.276	200.670	204.974	213.043
7.0250	213.790	215.543	213.511	212.166	206.787	205.233	210.652	214.647	218.233	215.065
7.5250	215.693	215.384	216.370	219.638	221.311	222.746	221.351	218.731	212.764	212.116
8.0250	215.504	219.458	223.712	227.587	224.579	225.236	234.780	236.065	237.589	245.808
8.5250	245.071	239.123	240.050	239.950	235.956	234.063	230.357	230.436	231.134	225.276
9.0250	224.380	226.970	225.306	219.807	217.785	221.252	221.979	229.839	235.637	225.535
9.5250	228.394	234.860	237.599	234.661	237.689	237.589	238.097	237.171	235.179	231.363
10.0250	229.161	230.596	229.799	238.934	240.199	239.293	238.326	232.937	225.615	227.378
10.5250	235.467	241.913	239.492	236.284	232.748	238.376	245.370	249.115	250.779	252.462
11.0250	262.046	267.166	266.081	256.706	250.271	251.008	255.461	263.550	264.825	265.264
11.5250	255.222	252.672	259.854	255.142	249.155	255.820	250.540	247.113	254.624	255.800
12.0250	254.614	256.278	259.775	256.527	251.058	254.375	255.899	260.293	251.815	250.341
12.5250	253.937	257.194	257.334	261.996	266.170	259.087	263.062	269.886	274.190	270.105
13.0250	277.657	283.474	288.435	290.727	295.538	296.694	289.342	290.986	283.853	289.621
13.5250	292.480	287.270	268.342	261.897	258.061	263.789	276.322	278.433	275.076	286.941
14.0250	282.080	280.854	270.753	268.850	266.898	262.136	265.991	259.217	255.451	253.269
14.5250	265.114	262.355	249.723	253.339	259.864	264.198	261.966	261.568	241.793	252.054
15.0250	262.574	270.155	277.467	278.962	288.585	292.002	289.840	276.620	278.722	288.435
15.5250	298.228	295.897	282.807	256.188	255.222	270.783	281.223	294.622	299.603	294.771
16.0250	310.651	305.729	303.657	316.608	327.845	311.856	286.264	290.477	294.114	294.313
16.5250	287.180	295.967	271.151	251.357	253.529	273.652	307.572	307.841	297.102	279.360
17.0250	644.886	842.223	69.600	201.367	222.766	190.867	145.032	213.860	221.580	217.177
17.5250	196.944	204.505	198.887	136.973	81.126	181.523	229.749	201.088	196.745	202.523
18.0250	207.096	208.670	190.858	174.570	154.317	156.628	152.354	140.360	147.722	150.541
18.5250	153.042	141.107	124.102	126.752	152.195	182.310	193.876	208.052	222.417	228.275
19.0250	227.558	218.492	215.394	222.646	230.197	228.862	234.411	248.737	240.229	230.207
19.5250	228.813	224.021	217.875	205.761	200.561	191.405	184.611	179.820	179.680	186.434
20.0250	190.678	187.590	181.812	173.464	162.625	148.748	142.572	146.905	154.217	156.429
20.5250	150.860	146.278	151.896	151.627	148.579	146.228	147.463	150.760	155.064	158.451
21.0250	159.467	161.978	165.923	164.289	165.225	166.371	171.362	174.699	173.334	176.691
21.5250	179.690	181.603	188.636	192.043	170.864	168.413	166.471	179.063	190.150	181.951
22.0250	181.244	175.337	182.460	173.793	178.923	155.144	156.369	163.641	164.887	171.691
22.5250	154.765	160.304	159.916	156.768	155.841	163.113	162.914	161.071	158.043	154.686
23.0250	152.653	149.954	148.928	148.589	149.784	149.734	145.869	141.605	139.972	137.242
23.5250	136.096	133.925	134.712	131.733	125.547	124.730	125.557	125.845	125.477	127.270
24.0250	126.423	133.785	120.745	120.914	123.524	123.435	122.189	122.707	124.690	126.822
24.5250	126.035	122.319	122.030	124.391	125.567	125.726	125.945	123.355	121.642	122.140

TEST M2 FINAL TRANSIENT 2596 (50 ms Averaged) FM3L CC/S RECORD = 97

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	192.690	192.5y2	192.232	191.911	192.339	192.476	192.592	192.690	193.349	193.002
0.5250	193.032	192.724	192.784	193.122	192.925	192.433	192.185	192.853	193.109	192.968
1.0250	193.229	192.737	192.771	192.904	192.711	192.086	192.108	192.489	193.011	193.045
1.5250	193.037	192.583	192.270	192.219	192.775	192.985	193.524	193.032	192.168	192.600
2.0250	192.758	192.883	192.827	192.985	192.925	192.737	192.724	192.647	192.857	192.810
2.5250	192.463	193.058	192.925	192.703	192.377	192.429	192.776	192.609	193.152	193.105
3.0250	192.476	192.330	193.139	193.242	192.647	192.681	192.840	192.998	193.088	193.139
3.5250	192.823	192.891	193.426	193.161	193.079	192.305	192.724	193.174	193.079	192.651
4.0250	192.395	192.814	193.067	192.643	192.767	192.870	192.630	192.348	192.425	192.930
4.5250	193.032	193.405	193.233	193.019	193.067	193.114	192.968	193.024	192.998	193.460
5.0250	193.627	192.955	193.435	193.135	193.028	192.912	192.912	193.281	193.661	193.460
5.5250	193.289	192.887	193.529	193.563	194.167	193.657	193.606	193.854	193.944	194.244
6.0250	194.201	194.051	193.636	194.286	194.479	194.466	194.856	195.451	195.771	196.285
6.5250	195.134	193.751	193.379	195.070	195.733	195.258	194.025	193.738	193.417	196.140
7.0250	197.475	195.960	197.013	196.910	195.545	194.676	194.958	195.519	197.377	199.093
7.5250	198.442	198.708	198.956	199.080	199.546	201.121	202.119	201.139	201.246	200.745
8.0250	198.066	196.572	195.022	194.740	197.171	197.804	198.656	196.953	196.893	199.059
8.5250	200.616	201.139	200.518	198.344	197.852	199.936	198.066	198.601	199.200	198.725
9.0250	198.515	198.446	198.776	197.090	198.699	199.893	198.977	200.321	201.104	200.937
9.5250	199.362	198.780	197.244	197.595	199.726	201.537	199.927	198.879	198.708	199.303
10.0250	199.641	200.193	199.260	199.979	199.414	199.474	200.685	201.738	198.883	199.020
10.5250	201.733	202.572	201.939	201.952	201.635	201.258	202.679	200.441	200.539	20C.569
11.0250	201.387	199.110	200.771	202.889	201.066	197.038	198.134	202.893	205.337	204.909
11.5250	202.846	199.606	197.847	194.958	193.495	193.011	193.114	191.992	191.975	191.941
12.0250	191.149	189.399	191.256	191.282	194.787	199.504	199.666	201.014	201.310	199.495
12.5250	198.554	199.157	196.071	195.626	198.224	199.054	200.865	202.718	201.271	202.744
13.0250	201.986	203.985	205.059	206.052	206.771	204.580	207.443	207.798	205.449	200.030
13.5250	198.738	196.773	196.563	194.059	196.319	199.388	204.712	207.345	201.173	197.154
14.0250	195.570	194.453	196.050	201.601	205.051	204.798	206.155	200.355	196.152	197.244
14.5250	200.197	197.342	192.707	190.285	192.382	191.389	189.998	193.409	192.750	192.442
15.0250	191.924	198.472	203.240	200.843	194.877	191.838	189.874	193.315	199.290	202.889
15.5250	201.010	202.196	205.414	203.103	207.233	210.251	209.241	210.537	203.775	197.565
16.0250	200.471	205.975	209.938	210.674	206.681	201.472	201.276	197.941	197.590	203.561
16.5250	203.099	199.106	203.270	208.975	208.920	203.364	207.815	211.804	213.058	215.079
17.0250	120.923	-174.688	-23.977	99.981	96.214	83.036	125.742	173.460	148.567	96.518
17.5250	147.407	160.115	152.642	147.485	166.389	169.749	168.850	170.169	164.639	161.621
18.0250	168.208	171.033	191.500	178.305	218.605	247.239	234.476	226.288	228.775	207.015
18.5250	199.260	199.084	180.539	168.332	164.712	176.952	183.976	177.141	175.309	175.129
19.0250	175.168	173.965	175.262	182.508	184.956	186.758	184.087	191.449	185.833	181.887
19.5250	187.087	197.492	193.709	193.118	193.182	192.305	188.846	191.273	193.435	192.459
20.0250	192.848	194.903	192.857	187.473	183.514	181.857	182.465	181.729	182.610	183.325
20.5250	180.834	176.982	177.560	179.448	177.611	176.019	175.172	176.537	176.143	175.364
21.0250	174.902	174.714	175.039	174.752	174.958	174.735	174.568	174.932	175.099	175.959
21.5250	176.353	177.641	181.810	183.929	175.643	175.536	177.136	181.134	183.672	180.993
22.0250	182.773	184.524	187.075	185.482	185.388	176.272	177.988	178.887	178.309	184.019
22.5250	178.592	178.720	177.474	178.010	178.592	179.306	177.646	177.350	176.161	175.578
23.0250	175.103	175.454	176.456	175.784	174.645	174.658	175.236	174.693	173.075	169.749
23.5250	166.038	160.718	155.959	153.913	151.953	153.960	156.181	155.326	154.243	152.402
24.0250	154.345	158.565	155.925	155.163	156.883	156.057	154.761	154.200	153.999	155.325
24.5250	154.123	153.853	155.261	156.190	156.592	155.599	155.860	155.488	155.604	154.812

TEST M2 FINAL TRANSIENT 2596 (50 ms Averaged) PT1L MPA RECORD = 98

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	0.466	0.466	0.467	0.467	0.467	0.467	0.467	0.467	0.467	0.466
0.5250	0.467	0.466	0.466	0.466	0.467	0.467	0.467	0.466	0.466	0.466
1.0250	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466
1.5250	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466
2.0250	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466
2.5250	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466
3.0250	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466
3.5250	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.467	0.467
4.0250	0.467	0.467	0.467	0.467	0.467	0.467	0.467	0.467	0.467	0.467
4.5250	0.467	0.467	0.467	0.466	0.467	0.466	0.466	0.466	0.466	0.466
5.0250	0.466	0.466	0.466	0.466	0.466	0.466	0.467	0.467	0.467	0.467
5.5250	0.467	0.467	0.467	0.468	0.467	0.467	0.468	0.468	0.468	0.468
6.0250	0.468	0.468	0.468	0.468	0.468	0.468	0.468	0.468	0.468	0.469
6.5250	0.468	0.469	0.469	0.469	0.469	0.469	0.469	0.469	0.469	0.469
7.0250	0.469	0.469	0.469	0.469	0.469	0.469	0.469	0.469	0.469	0.469
7.5250	0.469	0.469	0.469	0.469	0.469	0.469	0.469	0.469	0.469	0.469
8.0250	0.470	0.470	0.470	0.470	0.470	0.471	0.470	0.471	0.471	0.471
8.5250	0.471	0.471	0.471	0.471	0.471	0.471	0.471	0.471	0.471	0.471
9.0250	0.471	0.471	0.471	0.471	0.471	0.471	0.471	0.471	0.471	0.471
9.5250	0.471	0.471	0.471	0.471	0.472	0.471	0.472	0.472	0.472	0.472
10.0250	0.472	0.472	0.472	0.472	0.472	0.472	0.472	0.472	0.472	0.473
10.5250	0.473	0.473	0.473	0.473	0.473	0.473	0.473	0.473	0.473	0.474
11.0250	0.473	0.474	0.474	0.474	0.474	0.474	0.474	0.474	0.474	0.474
11.5250	0.474	0.474	0.474	0.474	0.474	0.474	0.474	0.475	0.475	0.475
12.0250	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.476	0.476	0.476
12.5250	0.476	0.476	0.476	0.476	0.476	0.476	0.477	0.477	0.477	0.477
13.0250	0.477	0.477	0.477	0.477	0.477	0.477	0.477	0.477	0.477	0.477
13.5250	0.477	0.477	0.477	0.477	0.477	0.478	0.478	0.478	0.478	0.478
14.0250	0.478	0.478	0.478	0.478	0.479	0.479	0.479	0.479	0.479	0.479
14.5250	0.479	0.480	0.480	0.480	0.480	0.480	0.480	0.480	0.480	0.480
15.0250	0.480	0.480	0.480	0.480	0.480	0.480	0.481	0.481	0.481	0.481
15.5250	0.481	0.481	0.481	0.482	0.482	0.482	0.482	0.482	0.483	0.483
16.0250	0.483	0.483	0.483	0.483	0.483	0.484	0.484	0.484	0.484	0.484
16.5250	0.485	0.485	0.485	0.485	0.485	0.486	0.486	0.486	0.486	0.487
17.0250	0.543	0.611	0.575	0.599	0.612	0.605	0.587	0.590	0.601	0.580
17.5250	0.574	0.578	0.576	0.568	0.559	0.557	0.552	0.546	0.542	0.538
18.0250	0.537	0.535	0.534	0.533	0.531	0.531	0.530	0.531	0.531	0.531
18.5250	0.531	0.531	0.530	0.530	0.530	0.530	0.529	0.529	0.529	0.529
19.0250	0.529	0.528	0.528	0.528	0.528	0.528	0.527	0.528	0.527	0.527
19.5250	0.527	0.526	0.526	0.526	0.525	0.525	0.525	0.525	0.524	0.524
20.0250	0.524	0.524	0.524	0.523	0.523	0.523	0.523	0.522	0.522	0.522
20.5250	0.522	0.522	0.521	0.521	0.521	0.521	0.519	0.513	0.520	0.520
21.0250	0.520	0.520	0.520	0.520	0.520	0.520	0.520	0.520	0.519	0.520
21.5250	0.520	0.520	0.520	0.521	0.519	0.519	0.519	0.519	0.519	0.520
22.0250	0.520	0.520	0.520	0.520	0.520	0.519	0.519	0.519	0.519	0.520
22.5250	0.519	0.520	0.520	0.520	0.520	0.520	0.519	0.520	0.520	0.519
23.0250	0.519	0.519	0.519	0.519	0.518	0.518	0.518	0.518	0.517	0.514
23.5250	0.511	0.507	0.504	0.504	0.504	0.505	0.506	0.506	0.505	0.505
24.0250	0.505	0.506	0.506	0.507	0.506	0.506	0.506	0.507	0.507	0.507
24.5250	0.506	0.507	0.507	0.507	0.507	0.507	0.507	0.507	0.507	0.507

TEST M2 FINAL TRANSIENT 2596 (50 ms Averaged) PT2L MPA RECORD = 99

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	0.394	0.394	0.394	0.394	0.395	0.395	0.395	0.394	0.394	0.394
0.5250	0.394	0.394	0.394	0.394	0.394	0.394	0.394	0.394	0.394	0.394
1.0250	0.394	0.394	0.394	0.394	0.394	0.394	0.394	0.394	0.394	0.394
1.5250	0.393	0.393	0.393	0.393	0.393	0.393	0.393	0.393	0.393	0.393
2.0250	0.393	0.393	0.393	0.393	0.393	0.393	0.393	0.393	0.393	0.393
2.5250	0.393	0.393	0.393	0.393	0.393	0.393	0.393	0.393	0.393	0.393
3.0250	0.393	0.393	0.393	0.393	0.393	0.393	0.393	0.393	0.393	0.393
3.5250	0.393	0.393	0.393	0.394	0.394	0.394	0.394	0.394	0.394	0.395
4.0250	0.395	0.395	0.395	0.395	0.395	0.395	0.396	0.396	0.396	0.396
4.5250	0.397	0.397	0.397	0.398	0.398	0.398	0.398	0.398	0.399	0.399
5.0250	0.399	0.399	0.399	0.400	0.400	0.400	0.400	0.400	0.401	0.401
5.5250	0.402	0.402	0.402	0.402	0.403	0.403	0.403	0.403	0.404	0.404
6.0250	0.404	0.404	0.405	0.405	0.405	0.406	0.406	0.406	0.406	0.406
6.5250	0.407	0.407	0.407	0.408	0.408	0.408	0.408	0.408	0.408	0.409
7.0250	0.409	0.409	0.409	0.409	0.410	0.410	0.410	0.410	0.410	0.411
7.5250	0.411	0.411	0.411	0.412	0.411	0.412	0.412	0.412	0.413	0.413
8.0250	0.413	0.414	0.414	0.414	0.415	0.415	0.415	0.415	0.416	0.416
8.5250	0.416	0.417	0.417	0.417	0.417	0.417	0.418	0.418	0.418	0.418
9.0250	0.418	0.419	0.419	0.419	0.419	0.420	0.420	0.420	0.420	0.421
9.5250	0.421	0.421	0.421	0.422	0.422	0.422	0.423	0.423	0.423	0.423
10.0250	0.424	0.424	0.424	0.424	0.425	0.425	0.425	0.426	0.426	0.426
10.5250	0.426	0.427	0.427	0.428	0.428	0.428	0.428	0.429	0.429	0.429
11.0250	0.429	0.430	0.430	0.430	0.430	0.431	0.431	0.431	0.431	0.431
11.5250	0.431	0.432	0.432	0.432	0.432	0.433	0.433	0.434	0.434	0.434
12.0250	0.434	0.435	0.435	0.436	0.436	0.436	0.437	0.437	0.437	0.438
12.5250	0.438	0.439	0.439	0.439	0.440	0.440	0.440	0.441	0.441	0.441
13.0250	0.442	0.442	0.442	0.443	0.443	0.443	0.444	0.444	0.444	0.445
13.5250	0.445	0.445	0.446	0.446	0.446	0.447	0.447	0.448	0.448	0.449
14.0250	0.449	0.449	0.450	0.450	0.451	0.451	0.452	0.452	0.453	0.453
14.5250	0.454	0.454	0.455	0.455	0.456	0.456	0.456	0.456	0.457	0.457
15.0250	0.458	0.458	0.459	0.459	0.459	0.460	0.461	0.461	0.461	0.462
15.5250	0.463	0.463	0.464	0.465	0.465	0.466	0.466	0.467	0.467	0.468
16.0250	0.469	0.469	0.470	0.471	0.471	0.472	0.473	0.473	0.474	0.475
16.5250	0.476	0.476	0.477	0.478	0.479	0.479	0.480	0.481	0.482	0.482
17.0250	0.495	0.556	0.604	0.603	0.601	0.598	0.590	0.583	0.578	0.574
17.5250	0.572	0.569	0.566	0.560	0.553	0.547	0.542	0.537	0.532	0.528
18.0250	0.526	0.525	0.523	0.522	0.520	0.519	0.518	0.518	0.518	0.517
18.5250	0.517	0.516	0.516	0.515	0.514	0.514	0.513	0.513	0.512	0.512
19.0250	0.511	0.510	0.509	0.508	0.506	0.502	0.503	0.499	0.499	0.498
19.5250	0.493	0.493	0.501	0.503	0.503	0.502	0.502	0.501	0.501	0.501
20.0250	0.500	0.499	0.499	0.498	0.498	0.497	0.497	0.497	0.496	0.496
20.5250	0.495	0.495	0.494	0.494	0.493	0.493	0.492	0.488	0.489	0.499
21.0250	0.491	0.491	0.490	0.490	0.490	0.490	0.489	0.489	0.489	0.486
21.5250	0.483	0.484	0.478	0.477	0.487	0.486	0.485	0.482	0.480	0.475
22.0250	0.473	0.475	0.473	0.472	0.475	0.484	0.484	0.484	0.481	0.477
22.5250	0.483	0.483	0.483	0.483	0.483	0.482	0.482	0.482	0.481	0.481
23.0250	0.481	0.480	0.480	0.480	0.479	0.479	0.479	0.478	0.478	0.478
23.5250	0.478	0.478	0.477	0.477	0.477	0.477	0.477	0.476	0.476	0.476
24.0250	0.476	0.469	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.474
24.5250	0.474	0.474	0.474	0.474	0.473	0.473	0.473	0.473	0.473	0.473

TEST M2 FINAL TRANSIENT 2596 (50 ms Averaged) TC1 K RECORD = 100

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	631.185	631.278	631.185	631.061	631.154	631.185	631.123	631.339	631.154	631.278
0.5250	631.216	631.247	631.309	631.123	631.339	631.216	631.154	631.216	631.247	631.278
1.0250	631.278	631.185	631.185	631.247	631.092	631.123	631.185	631.216	631.185	631.185
1.5250	631.123	631.185	631.061	631.278	631.185	631.185	631.123	631.309	631.061	631.154
2.0250	631.154	631.185	631.154	631.154	631.154	631.185	631.123	631.185	631.216	631.185
2.5250	631.092	631.185	631.278	631.185	631.278	631.216	631.370	631.247	631.370	631.401
3.0250	631.339	631.432	631.494	631.463	631.463	631.648	631.679	631.741	631.834	631.927
3.5250	631.927	632.081	632.236	632.514	632.853	633.070	633.410	633.719	634.244	634.800
4.0250	635.356	636.128	636.777	637.733	638.699	639.826	641.184	643.159	645.011	647.387
4.5250	649.978	652.907	656.374	660.605	665.164	669.660	673.575	677.624	680.608	683.315
5.0250	685.252	686.881	687.988	689.003	689.402	689.986	690.572	690.851	690.820	690.945
5.5250	691.288	691.382	691.351	691.600	691.444	691.694	691.569	691.507	691.663	691.819
6.0250	691.850	691.725	691.819	691.975	692.131	692.131	692.223	692.469	692.746	693.115
6.5250	693.545	693.668	693.975	694.589	695.081	695.234	695.573	696.157	696.648	696.894
7.0250	697.202	697.878	698.154	698.308	698.799	699.198	699.813	700.181	700.735	701.165
7.5250	701.564	701.902	702.455	702.915	703.376	703.990	704.297	704.512	705.096	705.556
8.0250	705.956	706.324	706.816	707.338	707.584	708.014	708.505	708.935	709.307	709.806
8.5250	710.305	710.491	710.739	711.384	711.783	712.213	712.489	712.980	713.563	713.839
9.0250	714.208	714.760	715.159	715.620	716.050	716.418	716.909	717.247	717.799	718.229
9.5250	718.781	719.517	719.916	720.622	721.144	721.420	722.126	722.740	723.170	723.722
10.0250	724.182	724.857	725.501	726.179	726.678	727.208	727.611	728.316	728.777	729.053
10.5250	729.636	729.881	730.525	730.617	731.446	731.752	732.120	732.335	732.948	733.531
11.0250	734.144	734.727	735.218	735.739	736.567	736.843	737.089	737.732	738.162	738.898
11.5250	739.573	739.910	740.492	740.952	741.320	741.842	742.364	742.732	743.099	743.957
12.0250	744.419	745.134	745.663	746.189	746.618	747.323	747.507	748.243	749.010	749.102
12.5250	749.837	750.481	751.370	751.983	752.842	753.516	753.915	754.926	755.784	756.306
13.0250	756.735	757.716	758.544	759.402	760.046	760.934	761.366	762.330	763.134	764.054
13.5250	764.636	765.372	765.954	766.628	767.272	767.732	768.805	769.785	771.103	772.084
14.0250	773.125	774.627	776.068	777.018	777.999	779.318	780.463	781.945	782.742	783.631
14.5250	784.826	786.083	787.952	788.963	789.883	791.355	792.090	793.316	794.296	795.339
15.0250	796.382	797.095	797.996	799.225	800.911	802.198	803.394	804.007	805.417	806.827
15.5250	808.023	809.525	810.199	811.181	812.008	812.652	813.792	815.219	816.938	819.238
16.0250	820.864	823.072	825.740	829.852	834.783	838.895	842.671	845.679	847.245	848.721
16.5250	851.228	855.499	860.567	864.654	867.459	869.596	872.579	875.654	877.469	880.853
17.0250	883.811	883.286	885.851	907.077	923.123	921.265	901.954	879.477	859.555	836.955
17.5250	810.668	785.555	760.301	737.797	719.703	706.360	696.341	688.637	682.515	677.839
18.0250	673.885	670.737	668.090	666.057	664.179	662.977	661.745	661.068	659.989	659.219
18.5250	658.356	658.017	657.154	656.692	656.379	655.628	655.252	655.127	654.726	654.325
19.0250	653.832	653.616	653.400	652.845	652.321	651.951	651.766	651.303	651.211	650.779
19.5250	650.224	650.193	650.317	650.471	650.193	649.823	649.669	649.268	649.052	648.990
20.0250	649.021	648.898	648.774	648.620	648.343	648.281	648.096	647.819	647.634	647.387
20.5250	647.418	647.233	647.171	647.109	646.924	646.677	646.616	646.369	646.122	646.091
21.0250	646.091	645.937	645.844	645.844	645.721	645.659	645.381	645.443	645.320	645.073
21.5250	644.826	644.672	644.456	644.116	644.517	644.394	644.363	644.177	644.116	643.777
22.0250	643.715	643.590	643.529	643.591	643.437	643.900	643.838	643.931	643.684	643.252
22.5250	643.777	643.715	643.499	643.437	643.345	643.221	643.159	643.036	643.067	643.036
23.0250	643.098	643.005	642.943	642.851	642.882	642.820	642.851	642.820	642.820	642.789
23.5250	642.789	642.882	642.943	642.974	643.129	643.221	643.375	643.406	643.530	643.468
24.0250	643.499	643.252	643.406	643.375	643.406	643.375	643.283	643.190	643.252	643.159
24.5250	643.190	643.190	643.221	643.129	643.159	643.098	643.159	643.129	643.036	642.974

TEST M2 FINAL TRANSIENT 2596 (50 ms Averaged) TC2 K RECORD = 101

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	628.142	628.204	628.081	628.112	628.142	628.173	628.050	628.019	628.112	628.050
0.5250	628.050	628.142	628.081	628.142	628.142	628.142	628.019	628.050	628.081	628.142
1.0250	628.019	628.081	628.112	628.050	628.112	628.112	628.050	628.173	628.081	628.019
1.5250	628.019	628.142	628.112	628.081	628.019	628.142	628.019	628.081	628.050	627.988
2.0250	628.019	628.081	628.050	628.050	628.081	628.050	628.081	628.050	628.050	628.019
2.5250	628.142	628.204	628.173	628.081	628.173	628.112	628.142	628.081	628.112	628.204
3.0250	628.204	628.266	628.451	628.482	628.359	628.668	628.730	628.946	629.193	629.224
3.5250	629.410	629.533	629.533	629.564	629.780	630.367	630.893	631.078	631.665	632.438
4.0250	632.932	633.828	634.353	635.558	636.731	637.565	639.850	641.424	643.770	646.362
4.5250	649.230	652.530	656.680	661.167	666.064	671.422	676.591	681.299	685.051	688.249
5.0250	690.859	692.960	694.771	695.786	696.861	697.383	698.213	698.735	698.797	698.797
5.5250	698.950	699.196	699.534	699.780	699.810	699.841	699.810	699.841	699.749	699.902
6.0250	700.087	700.271	700.210	700.302	700.332	700.425	700.609	701.377	701.746	701.838
6.5250	701.899	702.207	703.005	703.374	703.466	704.019	704.633	704.971	705.431	706.199
7.0250	706.506	707.059	707.919	708.011	708.410	709.147	709.546	709.946	710.897	711.082
7.5250	711.634	712.462	712.862	713.568	714.120	714.243	714.980	715.624	716.115	716.852
8.0250	717.282	717.896	718.633	719.909	719.215	720.197	720.289	720.596	721.302	721.732
8.5250	721.977	722.806	723.297	723.818	724.524	724.892	725.230	726.089	726.395	726.672
9.0250	727.316	727.930	728.021	728.866	729.350	729.532	730.575	731.004	731.955	732.446
9.5250	732.630	733.673	734.010	734.501	735.452	735.881	736.893	737.169	738.059	738.641
10.0250	739.101	740.143	740.266	741.340	741.922	742.750	743.210	743.547	744.314	744.743
10.5250	745.142	745.939	746.307	746.828	747.472	747.901	748.055	749.220	749.833	750.752
11.0250	751.089	751.978	752.499	752.806	753.542	753.971	754.370	755.320	755.749	756.607
11.5250	756.975	757.404	758.539	758.876	759.918	760.102	760.838	761.665	761.849	762.830
12.0250	763.198	763.627	764.730	765.153	766.118	766.300	767.343	768.048	769.059	769.396
12.5250	770.499	771.327	772.522	773.687	774.238	775.311	776.200	777.120	778.406	779.571
13.0250	780.613	781.563	782.636	783.525	785.027	786.221	787.417	788.490	789.409	790.605
13.5250	791.831	792.444	793.578	794.405	795.325	796.520	798.022	799.371	800.708	802.198
14.0250	803.792	805.570	807.042	808.574	810.108	811.671	813.173	814.492	815.872	817.037
14.5250	818.263	819.460	821.331	822.834	823.876	824.735	825.931	826.606	827.710	828.876
15.0250	830.379	831.177	832.435	833.632	835.227	836.577	837.637	838.794	840.175	841.648
15.5250	843.551	845.977	848.156	849.661	850.828	852.640	854.728	857.646	861.210	863.853
16.0250	866.035	868.617	871.323	877.023	883.758	889.268	894.657	899.433	902.886	905.290
16.5250	907.542	911.161	915.261	919.862	924.618	928.265	931.510	934.943	937.758	939.862
17.0250	942.989	941.410	944.036	964.547	984.175	983.460	963.461	936.923	909.506	879.984
17.5250	850.002	821.577	792.592	765.668	743.118	725.713	712.862	702.944	695.080	689.171
18.0250	684.343	680.222	676.684	673.730	671.452	669.821	668.251	667.080	665.972	664.956
18.5250	663.970	663.416	662.522	661.906	661.198	660.396	660.304	659.596	658.918	658.826
19.0250	658.548	657.593	657.316	656.828	655.911	655.181	655.181	653.948	653.763	652.807
19.5250	652.406	652.961	652.930	653.177	652.776	652.684	652.684	652.622	652.283	651.728
20.0250	651.358	651.204	651.143	651.112	650.927	650.248	649.816	649.631	649.600	649.600
20.5250	649.600	649.415	649.230	648.614	648.274	648.089	648.120	648.058	648.058	647.997
21.0250	647.781	647.596	647.195	646.763	646.608	646.547	646.516	646.516	646.516	646.269
21.5250	646.115	645.621	645.158	644.355	645.930	645.529	645.127	644.479	644.417	643.738
22.0250	643.708	643.028	643.152	643.182	643.090	644.850	644.880	644.572	643.893	643.214
22.5250	643.986	643.708	643.615	643.430	643.430	643.492	643.430	643.430	643.430	643.430
23.0250	643.430	643.399	643.430	643.399	643.337	643.307	643.121	643.091	643.060	642.936
23.5250	642.936	642.998	643.245	643.245	643.430	643.430	643.430	643.430	643.430	643.430
24.0250	643.430	642.782	643.430	643.430	643.430	643.430	643.399	643.430	643.430	643.399
24.5250	643.368	643.338	643.368	643.276	643.183	643.307	643.183	643.029	643.121	643.060

TEST M2 FINAL TRANSIENT 2596 (50 ms Averaged) TC3 K RECORD = 102

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0251	630.751	631.326	631.182	631.901	631.254	630.391	631.182	633.626	630.104	629.888
0.5251	631.829	632.476	631.038	631.829	632.188	631.254	630.463	631.901	631.326	624.423
1.0251	631.829	631.038	631.901	634.632	632.476	632.619	631.254	629.960	631.038	632.188
1.5251	631.110	632.763	632.116	632.188	631.685	632.835	631.685	632.691	632.116	631.038
2.0251	632.548	631.901	631.757	631.757	630.894	631.182	632.763	631.398	631.685	632.332
2.5251	633.913	631.326	631.829	631.182	631.829	632.044	631.541	631.685	632.116	631.829
3.0251	629.241	632.476	632.404	632.763	630.607	631.254	632.691	632.116	632.763	630.104
3.5251	632.332	632.691	632.763	634.200	628.522	633.554	634.200	635.206	634.057	636.069
4.0251	636.500	638.080	638.583	641.168	641.814	643.035	644.829	647.700	647.700	653.941
4.5251	657.096	659.892	663.905	670.137	673.216	681.232	687.527	693.247	699.322	703.395
5.0251	706.110	708.610	712.681	715.252	716.109	716.965	718.964	720.249	719.107	720.464
5.5251	720.963	721.820	721.463	721.820	721.106	721.677	721.249	722.748	720.963	722.105
6.0251	721.677	720.678	722.748	722.962	721.748	722.676	723.461	723.676	722.676	722.748
6.5251	723.818	725.888	725.817	725.960	725.460	727.244	726.673	727.530	729.956	729.100
7.0251	730.455	728.529	731.811	732.667	731.526	733.309	734.166	735.022	734.736	736.805
7.5251	737.947	739.730	740.230	739.231	741.870	740.943	741.228	743.154	744.367	745.009
8.0251	743.653	745.009	746.292	747.220	748.147	748.860	749.430	749.502	750.429	750.500
8.5251	752.140	753.567	752.853	753.638	756.633	755.207	755.991	757.560	750.928	759.200
9.0251	758.487	758.701	757.203	761.767	760.982	762.765	767.257	763.620	765.189	766.686
9.5251	765.617	769.966	768.611	771.107	772.746	773.745	773.887	776.169	777.666	778.022
10.0251	777.666	778.949	780.589	781.729	784.153	784.296	785.223	787.362	786.292	790.356
10.5251	790.214	791.140	793.065	794.349	795.133	795.703	795.989	798.270	800.053	799.696
11.0251	801.622	802.834	804.331	804.831	805.401	807.755	808.254	807.398	809.038	811.321
11.5251	811.534	813.246	814.815	815.743	817.169	818.953	819.024	816.670	820.665	823.947
12.0251	824.518	827.372	826.515	828.157	829.370	830.868	831.939	833.581	834.508	834.723
12.5251	837.935	840.005	841.362	841.933	845.432	847.717	847.360	848.217	852.217	854.075
13.0251	856.219	857.433	858.648	862.007	863.652	864.795	868.085	869.086	870.302	872.876
13.5251	874.450	875.667	878.028	878.600	881.105	883.324	885.186	886.260	889.196	891.560
14.0251	893.064	896.002	898.439	901.307	904.749	906.901	907.188	911.708	913.575	912.570
14.5251	917.093	919.606	921.330	923.558	925.211	927.152	928.733	929.812	932.761	933.048
15.0251	935.063	939.093	939.453	943.413	942.261	946.007	948.817	950.907	951.628	956.100
15.5251	958.192	960.574	961.873	963.751	961.873	961.801	963.534	968.518	968.518	969.169
16.0251	968.446	972.494	976.906	981.393	986.100	990.594	992.044	993.349	992.189	995.961
16.5251	996.324	994.437	996.759	1001.841	1003.221	1007.363	1009.399	1013.691	1016.603	1021.556
17.0251	1022.430	1017.185	1023.961	1041.704	1056.866	1057.600	1049.976	1043.094	1026.878	995.526
17.5251	946.871	898.009	848.503	804.545	773.032	749.502	734.023	720.464	708.967	702.538
18.0251	694.534	686.954	685.524	682.949	679.800	676.795	675.220	673.359	672.500	670.924
18.5251	667.916	669.779	669.277	668.274	668.060	667.701	667.988	665.767	666.126	664.478
19.0251	664.621	662.901	663.618	661.325	662.185	662.042	658.171	660.107	660.035	659.748
19.5251	658.315	660.752	660.608	658.386	659.318	660.680	659.247	656.451	659.175	659.175
20.0251	652.005	658.171	657.383	656.307	656.881	655.232	656.164	656.092	655.734	655.519
20.5251	657.454	655.877	654.801	654.084	653.869	654.801	653.439	654.013	653.439	653.941
21.0251	653.080	652.578	653.511	653.367	652.578	652.148	650.570	653.367	651.789	650.139
21.5251	651.789	651.431	651.933	647.054	652.865	651.144	649.852	650.068	650.857	651.144
22.0251	648.418	642.676	646.193	641.024	644.470	650.857	649.996	650.713	649.996	648.059
22.5251	649.709	649.709	649.996	649.207	650.068	648.992	648.633	647.844	649.422	648.848
23.0251	648.059	649.422	648.561	647.413	648.561	648.633	648.131	648.848	647.341	647.700
23.5251	648.131	648.848	648.346	648.418	648.059	649.637	648.274	646.767	649.565	648.848
24.0251	649.709	646.265	647.844	649.637	649.135	650.283	648.848	648.776	647.987	648.848
24.5251	649.135	648.561	647.269	647.269	647.341	649.565	648.274	646.839	646.695	648.705

TEST M2 FINAL TRANSIENT 2596 (50 ms Averaged) TC4 K RECORD = 103

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	628.906	628.875	628.875	628.844	628.937	628.844	628.906	628.782	628.967	628.875
0.5250	628.782	628.844	628.937	628.782	628.844	628.844	628.813	628.906	628.875	628.844
1.0250	628.813	628.875	628.813	628.813	628.875	628.875	628.844	628.875	628.844	628.906
1.5250	628.813	628.875	628.875	628.844	628.782	628.751	628.813	628.844	628.813	628.813
2.0250	628.906	628.813	628.782	628.782	628.875	628.751	628.813	628.782	628.844	628.844
2.5250	628.906	628.844	628.906	628.813	628.844	628.967	628.998	628.937	628.998	629.091
3.0250	629.029	629.215	629.153	629.276	629.276	629.338	629.462	629.616	629.771	629.926
3.5250	630.018	630.080	630.265	630.544	630.822	631.223	631.656	631.996	632.552	633.324
4.0250	634.097	634.714	635.795	636.814	637.895	639.470	641.446	643.328	645.890	648.661
4.5250	651.880	655.549	660.079	664.884	670.735	677.117	683.665	690.613	697.435	703.835
5.0250	709.820	715.530	720.195	724.829	728.858	732.045	734.897	737.596	739.375	741.062
5.5250	742.380	743.637	744.557	745.263	745.446	746.090	746.549	746.611	746.825	746.887
6.0250	746.979	746.948	747.132	747.561	747.623	747.776	748.236	748.359	748.788	749.217
6.5250	749.707	750.075	750.719	751.393	751.823	752.528	753.169	753.893	754.834	755.570
7.0250	756.459	757.287	757.930	758.881	759.831	760.811	761.854	762.712	763.724	764.551
7.5250	765.562	766.696	767.585	768.628	769.608	770.436	771.662	772.734	773.869	774.849
8.0250	775.861	777.055	777.913	778.924	780.013	781.139	782.058	783.069	783.989	785.246
8.5250	786.288	787.085	787.912	788.831	789.874	790.794	791.866	793.061	794.042	794.839
9.0250	795.728	796.984	798.119	799.284	800.234	801.398	802.410	803.667	804.924	806.242
9.5250	807.274	808.610	810.020	811.246	812.688	813.945	815.386	816.980	818.514	819.986
10.0250	821.795	823.359	825.047	826.550	828.328	830.078	831.826	833.590	835.484	837.295
10.5250	839.136	841.254	843.280	845.152	847.117	849.143	850.863	852.737	854.917	856.607
11.0250	858.570	860.488	862.113	863.865	865.648	867.369	868.721	870.505	872.319	873.979
11.5250	875.609	877.363	879.454	881.085	882.778	884.408	886.143	887.771	889.464	891.159
12.0250	892.483	894.207	895.747	897.504	898.952	900.555	902.188	904.038	905.549	907.306
12.5250	908.941	910.698	912.499	914.348	916.354	918.360	920.553	922.745	924.877	927.071
13.0250	929.203	931.213	933.069	935.852	937.760	940.129	942.079	944.091	946.135	948.025
13.5250	950.008	951.898	953.913	955.712	957.634	959.775	961.823	964.109	966.674	969.159
14.0250	972.141	974.877	977.895	980.912	983.962	986.859	990.061	992.942	996.093	999.025
14.5250	1002.240	1005.520	1008.551	1011.927	1015.212	1018.322	1021.700	1024.928	1028.283	1031.294
15.0250	1034.622	1038.045	1041.597	1044.986	1048.273	1051.865	1055.457	1058.958	1061.987	1065.523
15.5250	1068.683	1071.555	1073.466	1074.510	1073.151	1069.821	1068.493	1070.390	1072.713	1073.845
16.0250	1074.162	1075.080	1077.169	1080.305	1085.060	1088.995	1091.218	1091.567	1089.693	1088.899
16.5250	1088.582	1088.582	1088.867	1089.439	1091.885	1094.332	1096.811	1099.880	1103.501	1106.719
17.0250	1110.066	1111.852	1115.237	1125.038	1134.352	1139.038	1137.208	1135.154	1134.159	1124.560
17.5250	1105.583	1077.409	1039.214	993.560	945.564	899.820	858.258	821.917	791.102	765.777
18.0250	745.905	729.937	717.463	707.671	700.224	694.793	691.043	687.723	684.864	682.742
18.5250	680.497	678.836	677.697	676.313	675.191	674.244	673.167	672.397	671.751	671.104
19.0250	670.273	669.812	668.980	668.457	667.163	666.270	666.393	664.761	664.515	664.084
19.5250	663.282	663.099	663.037	663.653	662.944	662.544	662.390	661.804	661.404	660.941
20.0250	660.787	660.356	659.833	659.432	659.371	659.278	658.816	658.354	657.861	657.861
20.5250	657.614	657.244	656.875	656.474	656.289	656.258	656.011	655.611	655.272	655.056
21.0250	654.748	654.748	654.655	654.594	654.069	653.607	653.545	653.298	653.206	652.929
21.5250	652.683	652.283	651.820	650.958	652.373	652.003	651.387	651.049	650.803	650.156
22.0250	650.034	649.417	649.294	649.387	649.139	650.678	650.493	650.431	649.785	649.078
22.5250	650.123	650.123	650.092	649.971	649.728	649.576	649.424	649.303	649.060	648.968
23.0250	648.756	648.665	648.542	648.604	648.542	648.542	648.450	648.203	648.110	648.018
23.5250	647.894	647.833	647.771	647.833	647.802	647.895	647.956	647.956	647.956	648.018
24.0250	647.987	647.432	647.987	647.864	647.833	647.740	647.710	647.617	647.586	647.463
24.5250	647.340	647.185	647.124	647.062	647.062	647.062	647.062	647.062	647.062	647.062

TEST M2 FINAL TRANSIENT 2596 (50 ms Averaged) TC: K RECORD = 104

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	628.059	628.028	628.028	628.028	627.966	628.028	627.966	628.090	628.059	627.997
0.5250	627.966	628.059	628.028	628.028	628.090	627.997	628.059	628.028	627.966	627.966
1.0250	627.997	628.090	627.966	627.966	627.966	627.997	628.121	627.997	627.966	627.874
1.5250	627.935	627.966	627.966	627.966	628.152	628.059	628.028	628.152	628.059	628.059
2.0250	627.935	628.090	627.997	627.904	627.997	628.090	627.997	628.059	628.090	628.028
2.5250	628.244	628.059	628.090	628.059	628.090	628.090	628.152	628.214	628.183	628.275
3.0250	628.306	628.306	628.553	628.430	628.461	628.584	628.739	628.893	628.832	629.017
3.5250	629.202	629.450	629.697	629.944	630.253	630.809	631.180	631.705	632.323	633.158
4.0250	633.901	634.808	635.930	636.981	638.648	640.408	642.445	644.965	647.653	650.897
4.5250	654.676	658.932	664.097	669.624	676.078	683.046	690.356	697.383	704.375	710.964
5.0250	717.271	723.245	728.231	732.932	736.909	740.346	743.388	745.920	747.760	749.415
5.5250	750.795	751.693	752.533	753.210	753.700	754.130	754.344	754.712	754.865	754.988
6.0250	755.079	755.325	755.539	755.662	755.784	756.214	756.551	756.888	757.195	757.501
6.5250	758.084	758.789	759.371	759.953	760.757	761.535	762.276	763.011	763.808	764.697
7.0250	765.463	766.383	767.333	768.443	769.313	770.238	771.219	772.322	773.578	774.375
7.5250	775.479	776.564	777.524	778.628	779.854	780.896	781.907	783.042	784.206	785.503
8.0250	786.559	787.540	788.490	789.593	790.451	791.708	792.910	793.717	794.735	795.869
8.5250	796.881	798.015	799.088	799.946	800.866	801.850	803.030	804.078	805.365	806.284
9.0250	807.265	808.461	809.661	810.624	811.888	812.931	814.126	815.200	816.642	817.971
9.5250	819.179	820.283	821.909	823.166	824.484	825.865	827.445	829.048	830.398	831.840
10.0250	833.282	835.014	836.620	838.062	839.566	841.192	842.696	844.276	845.974	847.571
10.5250	849.352	850.858	852.348	853.920	855.518	856.961	858.589	860.159	861.588	862.976
11.0250	864.513	865.865	867.310	868.953	870.500	872.068	873.452	874.805	876.322	877.874
11.5250	879.259	880.766	881.935	883.504	884.768	886.388	887.715	888.885	890.455	892.087
12.0250	893.203	894.574	896.238	897.778	899.165	900.953	902.753	904.367	906.001	907.883
12.5250	909.770	911.421	913.244	915.065	916.793	918.319	920.151	922.066	923.734	925.217
13.0250	926.922	928.638	930.340	931.824	933.216	934.927	936.611	938.220	939.922	941.314
13.5250	942.832	944.703	946.479	947.872	949.577	951.378	953.316	955.397	957.475	959.527
14.0250	961.314	963.394	966.158	968.522	971.432	973.919	976.756	979.914	982.840	985.583
14.5250	988.311	991.523	994.215	997.753	1001.436	1004.797	1008.082	1011.628	1014.955	1018.404
15.0250	1022.055	1025.690	1029.122	1032.364	1035.824	1039.643	1043.196	1046.767	1050.427	1054.032
15.5250	1057.416	1060.986	1065.584	1070.777	1077.570	1086.341	1093.888	1099.379	1103.331	1108.641
16.0250	1114.493	1120.002	1124.115	1128.152	1132.428	1137.316	1141.833	1144.762	1146.918	1147.915
16.5250	1148.656	1149.466	1150.544	1151.708	1154.062	1156.318	1158.723	1161.604	1163.931	1166.989
17.0250	1170.327	1171.007	1173.863	1182.487	1189.851	1190.241	1184.671	1176.175	1160.960	1136.103
17.5250	1106.983	1076.911	1041.194	998.952	953.663	910.246	869.603	831.814	799.769	775.084
18.0250	755.352	740.135	728.444	719.026	711.550	705.516	700.763	697.230	694.026	691.275
18.5250	688.939	686.816	684.982	683.534	682.182	680.735	679.690	678.675	677.536	676.854
19.0250	675.729	675.205	674.158	673.204	672.033	671.108	670.648	668.981	668.828	667.962
19.5250	666.813	666.436	666.528	666.901	666.500	666.069	665.515	664.898	664.745	664.190
20.0250	663.913	663.328	662.958	662.589	662.126	661.849	661.475	661.131	660.849	660.287
20.5250	660.070	659.608	659.238	658.991	658.652	658.560	658.313	657.913	657.697	657.358
21.0250	657.173	656.773	656.495	656.156	655.909	655.694	655.601	655.447	654.954	654.521
21.5250	654.150	653.533	653.162	652.265	653.937	653.567	653.072	652.360	652.019	651.277
22.0250	650.845	650.473	650.224	650.688	650.346	651.924	651.735	651.579	650.927	650.154
22.5250	650.984	650.923	650.830	650.583	650.305	650.151	650.058	649.935	649.750	649.596
23.0250	649.411	649.411	649.380	649.349	649.256	649.010	648.917	648.794	648.670	648.609
23.5250	648.485	648.455	648.485	648.393	648.485	648.485	648.547	648.547	648.516	648.547
24.0250	648.639	647.928	648.609	648.516	648.455	648.485	648.362	648.331	648.300	648.085
24.5250	648.085	648.054	647.900	647.838	647.807	647.838	647.714	647.529	647.499	647.344

TEST M2 FINAL TRANSIENT 2596 (50 ms Averaged) TC6 K RECORD = 105

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	629.927	630.020	629.989	629.958	629.958	629.927	629.958	629.989	629.989	629.989
0.5250	629.866	629.927	629.989	629.927	629.958	629.927	629.927	629.989	629.897	629.958
1.0250	629.989	629.927	629.958	629.958	629.866	629.958	629.897	629.897	629.958	629.866
1.5250	629.958	630.020	629.897	629.897	629.927	629.989	629.927	629.927	629.866	629.927
2.0250	629.866	629.866	629.958	629.958	629.927	629.866	629.927	629.897	629.897	629.897
2.5250	629.927	629.989	629.897	629.866	630.051	630.051	629.897	629.958	630.020	630.113
3.0250	629.989	630.113	630.082	630.267	630.206	630.298	630.484	630.638	630.916	631.256
3.5250	631.225	631.411	631.411	631.411	631.534	631.781	632.585	632.956	633.048	633.604
4.0250	634.469	634.995	635.952	636.663	637.840	639.031	640.329	642.645	644.589	647.242
4.5250	650.141	653.708	657.965	662.833	668.020	673.417	678.710	683.274	687.283	690.696
5.0250	693.400	695.675	697.445	698.648	699.600	700.767	701.013	701.966	702.365	702.365
5.5250	702.396	702.396	702.549	702.580	702.611	702.703	703.071	703.256	703.317	703.378
6.0250	703.624	703.655	703.655	703.747	703.901	703.901	703.931	704.269	704.852	705.313
6.5250	705.436	705.835	706.480	706.941	707.002	707.616	708.385	708.630	709.735	710.012
7.0250	710.135	710.994	711.577	711.701	713.011	713.166	713.688	714.548	714.947	716.021
7.5250	716.236	716.696	717.586	717.771	718.415	719.120	719.519	720.410	720.901	721.515
8.0250	722.221	722.343	722.804	723.755	723.908	724.706	725.412	726.066	726.969	726.999
8.5250	727.644	728.411	728.564	729.423	729.975	730.252	731.264	731.662	732.828	733.104
9.0250	733.809	734.514	734.637	735.098	735.987	736.202	737.459	737.981	738.993	739.391
9.5250	740.526	740.865	741.799	742.359	743.156	743.953	745.088	745.854	746.805	747.510
10.0250	748.369	749.257	750.023	751.189	751.618	752.721	753.059	753.948	754.653	755.604
10.5250	756.156	757.338	758.079	759.213	759.826	760.746	761.573	762.493	763.504	763.872
11.0250	764.976	765.435	766.538	767.059	768.163	768.807	769.880	770.462	771.505	771.846
11.5250	772.873	773.795	774.806	775.849	776.186	776.891	777.657	778.546	779.251	780.293
12.0250	780.906	782.009	782.897	783.786	784.553	785.475	786.284	787.395	788.377	788.990
12.5250	790.123	791.135	792.054	793.526	794.598	795.825	796.468	797.817	799.135	800.177
13.0250	801.321	802.592	803.787	804.922	806.148	807.803	808.877	809.858	810.655	812.034
13.5250	813.414	814.549	815.683	816.519	817.639	819.018	820.307	822.147	824.386	825.981
14.0250	827.668	829.356	831.185	832.508	833.920	835.638	837.387	839.351	841.162	842.605
14.5250	843.955	845.247	846.617	848.246	850.549	851.747	853.159	854.940	857.245	858.197
15.0250	859.962	861.631	863.291	864.243	865.995	867.563	869.162	870.022	871.990	873.466
15.5250	874.919	876.965	879.610	880.811	882.165	885.242	887.427	889.586	891.392	890.115
16.0250	887.027	878.775	869.131	882.412	919.492	942.310	941.692	925.612	908.146	895.796
16.5250	882.289	875.628	907.877	964.153	995.901	990.405	966.504	942.747	924.129	906.694
17.0250	902.689	973.013	999.649	1006.898	1009.906	1011.828	1014.488	1021.907	1050.804	1166.893
17.5250	1287.028	1265.415	1253.927	1266.501	1241.823	1193.187	1153.092	1112.690	1067.117	1012.749
18.0250	961.353	919.992	867.478	817.723	777.900	747.352	724.960	708.511	696.854	688.083
18.5250	681.668	676.895	673.294	670.647	668.273	666.529	665.235	663.911	662.740	662.247
19.0250	660.862	660.677	659.567	659.074	658.057	657.410	657.287	655.991	655.775	655.497
19.5250	654.725	654.202	654.141	654.605	654.420	653.588	653.064	653.064	652.876	652.312
20.0250	651.655	651.529	651.498	651.467	651.036	650.604	650.142	649.987	649.957	649.926
20.5250	649.802	649.463	648.908	648.507	648.476	648.414	648.414	648.414	648.383	648.322
21.0250	647.890	647.396	647.088	646.902	646.933	646.872	646.872	646.841	646.717	646.255
21.5250	645.915	645.545	645.051	644.712	645.330	645.330	645.206	644.836	644.774	644.589
22.0250	644.310	644.063	643.599	643.816	643.755	644.188	643.972	644.034	643.602	643.447
22.5250	643.787	643.787	643.787	643.787	643.756	643.787	643.787	643.756	643.694	643.663
23.0250	643.602	643.571	643.447	643.139	643.046	642.892	642.737	642.614	642.645	642.398
23.5250	642.429	642.398	642.398	642.460	642.460	642.460	642.552	642.552	642.491	642.398
24.0250	642.367	641.996	642.305	642.275	642.244	642.244	642.244	642.244	642.244	642.244
24.5250	642.244	642.244	642.244	642.244	642.244	642.244	642.244	642.244	642.244	642.244

TEST M2 FINAL TRANSIENT 2596 (50 ms Averaged) TC7 K RECORD = 106

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0251	630.287	631.005	631.149	629.856	630.790	631.005	631.005	630.646	631.939	630.359
0.5251	630.862	631.508	631.365	629.784	630.574	629.065	630.574	631.652	629.927	630.215
1.0251	631.077	630.718	629.927	631.293	631.149	630.933	629.353	630.502	629.927	630.790
1.5251	629.927	629.999	631.508	630.574	629.353	630.215	631.077	631.365	629.784	630.933
2.0251	631.365	630.215	629.927	631.149	630.862	630.287	629.640	631.077	630.790	630.502
2.5251	631.365	631.365	630.287	631.652	629.712	630.574	631.724	630.215	630.790	631.293
3.0251	631.436	630.502	629.999	630.502	632.011	631.580	631.005	630.646	631.508	632.227
3.5251	631.221	631.436	631.580	632.227	631.939	633.089	634.238	633.950	633.448	634.669
4.0251	634.669	636.248	635.459	637.685	638.761	640.412	641.704	644.287	647.372	651.029
4.5251	652.606	655.832	662.351	667.507	671.372	678.098	685.249	688.681	693.183	698.327
5.0251	700.970	701.112	704.397	705.611	707.753	709.038	710.038	709.752	709.538	710.680
5.5251	709.824	711.180	710.894	711.108	709.966	711.251	711.323	712.108	711.323	711.037
6.0251	711.751	711.394	710.894	711.751	712.393	713.107	711.822	712.964	713.036	714.820
6.5251	714.820	714.963	715.177	715.462	716.176	716.176	717.532	718.887	718.388	718.959
7.0251	718.317	720.529	719.244	721.242	[illegible]	722.883	721.813	724.524	724.167	723.953
7.5251	725.737	726.664	727.234	726.164	726.878	729.232	729.374	731.514	730.444	732.869
8.0251	732.370	732.298	733.511	733.297	734.081	736.078	734.937	737.860	737.433	737.860
8.5251	739.215	739.572	739.786	740.926	740.712	742.067	742.851	743.778	743.778	744.990
9.0251	745.418	745.489	746.843	747.200	746.344	748.839	749.196	750.265	752.047	751.619
9.5251	752.617	752.688	753.472	755.611	756.323	756.822	757.178	760.314	759.245	760.172
10.0251	760.884	764.519	763.165	764.020	765.659	768.011	767.726	768.153	767.726	769.293
10.5251	770.576	771.146	770.932	773.426	774.567	774.567	775.707	778.486	777.987	779.127
11.0251	779.982	781.977	781.764	782.547	783.117	786.253	784.828	786.609	786.609	787.749
11.5251	788.961	788.034	789.174	791.526	792.167	792.880	794.947	795.089	796.443	795.802
12.0251	796.515	799.722	800.292	800.506	801.503	803.356	804.568	805.495	804.924	807.562
12.5251	805.851	808.702	809.629	811.768	812.267	813.835	815.546	815.831	817.043	818.469
13.0251	820.537	821.036	823.318	823.674	825.814	826.170	828.595	828.453	829.095	831.520
13.5251	832.447	832.947	834.944	837.370	837.798	838.511	840.081	842.222	842.936	845.648
14.0251	847.861	849.646	852.359	854.144	854.787	857.358	857.572	860.430	864.430	866.074
14.5251	866.431	866.717	869.004	872.293	874.438	874.509	879.730	880.446	882.306	884.667
15.0251	886.098	888.389	889.319	890.751	894.188	895.907	897.053	898.844	901.281	903.933
15.5251	904.506	908.521	911.964	913.040	914.619	917.130	921.151	924.670	926.538	926.035
16.0251	924.311	920.576	912.538	928.334	972.793	1006.193	1009.172	984.511	949.848	928.621
16.5251	921.294	926.322	962.394	1025.840	1073.063	1073.063	1036.638	993.131	963.693	952.442
17.0251	960.229	1028.829	1048.336	1064.170	1076.669	1150.748	1250.246	1288.106	1307.793	1348.979
17.5251	1376.194	1377.236	1373.389	1372.107	1362.754	1339.936	1302.390	1249.630	1190.190	1123.208
18.0251	1074.976	1011.644	955.325	892.398	834.587	792.025	761.312	738.502	723.097	712.036
18.5251	702.469	693.254	689.681	686.965	682.032	679.529	678.742	677.240	674.378	672.804
19.0251	672.303	672.231	670.156	669.154	668.509	668.724	664.643	664.786	664.929	664.428
19.5251	663.139	663.784	661.778	663.784	661.349	661.635	660.990	661.993	660.489	659.916
20.0251	659.987	659.558	657.623	658.053	657.193	657.408	657.265	656.118	656.118	655.473
20.5251	656.548	655.688	655.617	656.118	654.613	655.115	654.613	654.112	653.466	652.678
21.0251	651.818	653.466	652.535	651.029	652.033	652.893	651.674	652.535	651.459	652.033
21.5251	649.954	649.236	650.957	648.376	649.165	650.814	650.814	647.659	649.380	648.017
22.0251	648.663	641.632	649.523	649.452	647.372	649.452	647.874	647.515	647.228	644.287
22.5251	648.878	646.870	647.157	648.663	647.444	646.798	646.655	646.726	647.372	645.650
23.0251	645.794	647.515	645.722	646.511	646.941	647.372	646.009	646.798	647.085	648.304
23.5251	646.296	646.009	646.081	645.363	646.511	645.866	646.941	646.439	646.152	646.439
24.0251	645.866	645.148	645.722	646.798	645.650	645.435	645.148	646.009	645.148	645.650
24.5251	645.005	645.148	644.646	646.009	645.292	644.287	643.426	645.076	645.866	644.216

TEST M2 FINAL TRANSIENT 2596 (50 ms Averaged) TC8 K RECORD = 107

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	628.851	628.820	628.882	628.851	628.851	628.913	628.820	628.882	628.851	628.820
0.5250	628.820	628.820	628.944	628.851	628.913	628.820	628.820	628.851	628.820	628.820
1.0250	628.851	628.851	628.851	628.820	628.882	628.851	628.851	628.882	628.820	628.944
1.5250	628.882	628.851	628.820	628.882	628.882	628.820	628.851	628.882	628.851	628.851
2.0250	628.882	628.820	628.851	628.882	628.820	628.851	628.913	628.820	628.820	628.913
2.5250	628.820	628.820	628.851	628.851	628.882	628.851	628.882	628.882	628.820	628.913
3.0250	628.913	628.975	629.067	628.975	629.129	629.222	629.315	629.562	629.902	629.964
3.5250	630.242	630.365	630.365	630.427	630.674	631.323	631.787	631.972	632.497	633.424
4.0250	633.980	634.969	635.771	636.729	637.995	639.384	641.546	643.521	646.236	649.043
4.5250	652.404	656.289	661.003	666.517	672.427	678.859	685.041	690.606	695.892	699.978
5.0250	703.511	706.305	708.731	710.450	711.924	713.091	713.828	714.933	715.056	715.546
5.5250	716.314	716.498	716.559	716.559	716.559	716.590	716.620	716.559	716.590	716.651
6.0250	716.713	716.651	716.835	717.419	717.787	718.002	718.094	718.219	718.967	719.621
6.5250	719.714	720.358	721.033	721.217	721.677	722.598	722.936	723.856	724.286	724.930
7.0250	725.666	725.973	726.924	727.323	728.059	728.826	729.225	730.299	730.728	731.740
7.5250	732.170	733.212	733.519	734.347	735.053	735.728	736.525	737.568	738.089	739.009
8.0250	739.592	740.144	741.064	741.401	742.505	742.781	743.885	744.345	745.234	745.724
8.5250	746.092	747.074	747.564	748.545	748.974	750.047	750.445	751.427	751.917	752.776
9.0250	753.604	754.309	754.983	755.964	756.669	757.742	758.110	759.152	759.826	760.991
9.5250	761.788	762.646	763.627	764.209	765.343	766.048	767.151	768.286	769.144	770.185
10.0250	771.351	772.209	773.465	774.691	775.488	776.438	777.449	778.093	779.288	780.085
10.5250	781.005	782.384	782.966	784.161	785.417	786.827	787.349	788.575	789.739	790.444
11.0250	791.701	792.804	793.631	794.735	795.563	796.421	797.586	798.597	799.517	800.651
11.5250	801.203	802.276	803.410	804.207	805.556	806.813	807.518	808.499	809.511	810.492
12.0250	811.473	812.547	813.405	814.478	815.337	816.410	817.483	818.587	819.507	820.887
12.5250	822.175	823.678	824.567	825.856	827.206	828.770	829.997	831.470	832.328	833.770
13.0250	835.090	836.717	838.036	839.233	840.583	841.780	843.346	844.236	845.402	846.477
13.5250	847.981	849.486	850.684	851.789	853.233	854.861	856.427	858.086	859.960	861.804
14.0250	863.401	865.645	867.612	868.965	871.055	873.301	875.299	877.760	879.730	881.453
14.5250	882.867	884.498	886.684	889.117	891.796	893.397	895.153	897.278	899.744	901.562
15.0250	903.844	905.847	907.852	909.980	911.986	914.146	916.491	918.282	920.320	923.007
15.5250	925.293	928.321	931.165	933.578	936.144	940.012	943.263	946.731	949.799	950.263
16.0250	950.201	951.626	957.954	983.837	1015.861	1035.638	1035.386	1014.922	984.489	969.866
16.5250	973.410	991.749	1026.368	1069.772	1095.218	1090.834	1063.766	1027.517	1003.507	1000.322
17.0250	1018.910	1077.228	1431.923	1807.374	2013.109	2174.995	2300.760	2398.152	2476.335	2520.571
17.5250	2553.273	2570.525	2567.842	2559.642	2548.352	2530.671	2504.538	2474.286	2425.823	2390.087
18.0250	2357.407	2335.529	2313.390	2288.434	2265.598	2247.065	2234.045	2223.961	2216.974	2212.914
18.5250	2211.244	2211.768	2215.110	2220.225	2226.213	2231.543	2240.016	2250.110	2261.022	2270.467
19.0250	2277.545	2267.932	2262.478	2266.522	2263.759	2255.496	2258.509	2263.535	2272.990	2282.620
19.5250	2290.489	2303.679	2317.778	2333.926	2346.539	2359.160	2372.446	2385.239	2397.628	2409.050
20.0250	2419.898	2430.275	2439.443	2447.340	2454.582	2461.109	2467.444	2472.794	2477.628	2481.944
20.5250	2485.687	2488.274	2490.915	2492.924	2493.770	2494.034	2493.558	2493.188	2491.602	2490.281
21.0250	2487.851	2484.896	2481.208	2477.682	2473.741	2469.177	2464.773	2459.752	2454.636	2447.245
21.5250	2440.027	2433.241	2425.454	2415.475	2416.813	2409.720	2400.962	2390.775	2381.755	2372.798
22.0250	2363.009	2355.390	2345.118	2340.276	2332.043	2331.190	2322.922	2314.236	2303.472	2291.263
22.5250	2288.581	2279.709	2271.111	2262.491	2253.754	2244.659	2235.740	2226.610	2217.511	2208.302
23.0250	2199.361	2190.215	2181.195	2172.243	2163.226	2154.101	2144.921	2135.963	2126.806	2118.186
23.5250	2109.000	2100.304	2091.316	2082.179	2073.346	2064.410	2055.863	2047.300	2038.675	2030.213
24.0250	2021.559	2008.985	2004.998	1996.384	1988.150	1979.725	1971.546	1963.522	1955.741	1947.895
24.5250	1940.203	1932.365	1924.763	1917.058	1909.503	1901.970	1894.713	1887.519	1880.303	1873.610

TEST M2 FINAL TRANSIENT 2596 (50 ms Averaged) TC9 K RECORD = 108

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	628.589	628.589	628.558	628.558	628.558	628.620	628.620	628.589	628.589	628.558
0.5250	628.558	628.620	628.558	628.589	628.589	628.558	628.620	628.651	628.589	628.558
1.0250	628.558	628.558	628.589	628.589	628.558	628.558	628.558	628.558	628.558	628.558
1.5250	628.558	628.589	628.620	628.589	628.558	628.558	628.589	628.620	628.558	628.589
2.0250	628.558	628.589	628.589	628.558	628.558	628.558	628.620	628.558	628.589	628.558
2.5250	628.620	628.558	628.558	628.589	628.558	628.620	628.620	628.558	628.589	628.682
3.0250	628.620	628.620	628.713	628.775	628.898	628.898	628.991	629.053	629.393	629.578
3.5250	629.702	630.011	630.073	630.165	630.351	630.969	631.432	631.710	632.452	632.977
4.0250	633.780	634.676	635.387	636.591	637.703	639.295	641.277	643.314	645.968	648.652
4.5250	652.136	655.818	660.451	665.411	671.571	678.085	684.975	691.906	698.645	705.188
5.0250	711.102	716.357	721.665	725.753	729.268	732.366	734.911	737.181	739.174	740.370
5.5250	741.627	742.517	743.559	743.988	744.454	744.890	745.263	745.419	745.513	745.606
6.0250	745.606	745.606	745.606	745.637	745.667	746.158	746.189	746.894	747.139	747.354
6.5250	748.059	748.549	748.948	749.745	750.205	750.910	751.646	752.229	753.179	753.608
7.0250	754.589	755.324	756.305	757.164	757.869	758.697	759.555	760.781	761.432	762.581
7.5250	763.471	764.268	765.218	765.953	767.057	768.008	769.049	770.061	770.949	771.961
8.0250	773.156	774.413	775.118	776.129	776.926	777.815	778.704	779.627	780.778	781.669
8.5250	782.405	783.294	784.121	785.132	786.604	787.064	788.228	788.657	789.730	790.557
9.0250	791.630	792.795	793.776	794.665	795.554	796.602	797.721	798.765	799.715	800.911
9.5250	801.984	802.995	804.252	805.478	806.735	807.869	808.973	810.200	811.517	812.989
10.0250	814.093	815.517	816.846	818.195	819.575	820.864	822.244	823.531	824.820	825.648
10.5250	826.967	828.501	829.820	831.231	832.659	834.138	835.489	837.146	838.313	839.785
11.0250	841.228	842.763	844.052	845.341	846.630	848.135	849.332	850.414	851.905	853.195
11.5250	854.516	856.021	857.219	858.570	860.076	861.459	862.657	863.763	865.147	866.622
12.0250	867.835	869.043	870.396	871.687	872.948	874.332	875.255	876.577	877.930	879.530
12.5250	880.885	882.269	883.810	885.552	886.971	888.633	890.235	892.082	893.468	895.070
13.0250	896.826	898.490	900.308	901.881	903.718	905.449	907.145	908.841	910.568	911.926
13.5250	913.345	915.259	917.049	918.563	920.181	921.828	923.373	924.979	926.648	928.811
14.0250	930.728	932.613	934.624	937.067	939.002	941.486	943.777	946.193	948.857	951.181
14.5250	953.474	955.343	957.747	960.074	962.463	965.195	967.524	969.668	972.029	974.088
15.0250	976.188	978.459	980.574	982.567	984.839	986.956	989.355	991.675	993.868	996.176
15.5250	998.735	1001.575	1004.479	1007.009	1009.926	1012.692	1016.072	1019.139	1022.648	1025.248
16.0250	1017.918	1016.322	1022.371	1040.946	1061.859	1077.331	1079.555	1053.369	1024.192	1019.202
16.5250	1034.716	1058.955	1085.590	1108.039	1122.333	1117.535	1086.485	1055.891	1044.966	1057.752
17.0250	1088.164	1174.641	1259.165	1327.055	1294.165	1311.317	1318.482	1294.874	1267.099	1231.904
17.5250	1205.901	1191.928	1172.799	1164.828	1163.826	1166.218	1171.821	1179.460	1189.642	1195.094
18.0250	1198.550	1201.976	1202.172	1197.539	1186.057	1174.519	1169.066	1157.684	1145.843	1134.229
18.5250	1123.551	1112.473	1100.893	1090.134	1079.648	1068.535	1058.754	1049.421	1041.377	1033.179
19.0250	1025.410	1019.140	1011.998	1004.542	996.020	987.582	977.927	966.965	956.683	945.665
19.5250	934.072	924.020	913.377	903.127	892.175	881.442	885.147	882.546	877.931	871.410
20.0250	864.009	856.974	850.447	844.052	837.545	831.391	825.464	820.128	814.407	809.280
20.5250	803.976	799.284	794.665	790.159	786.144	782.127	778.214	774.597	770.858	767.455
21.0250	764.452	761.466	758.758	756.244	753.639	751.524	749.285	747.323	745.476	743.503
21.5250	741.597	740.002	738.376	736.627	737.242	736.107	734.727	733.407	731.996	730.644
22.0250	729.662	728.679	727.452	727.267	726.928	727.878	727.387	726.741	725.726	724.252
22.5250	724.989	724.435	723.942	723.172	722.834	722.250	721.575	720.960	720.469	719.794
23.0250	719.456	718.750	718.351	717.676	717.185	716.755	716.141	715.527	715.036	714.451
23.5250	714.175	713.436	713.097	712.544	711.927	711.528	710.942	710.328	709.806	709.437
24.0250	709.038	707.592	708.145	707.560	707.068	706.544	706.022	705.590	704.853	704.392
24.5250	703.746	703.285	703.039	702.516	702.056	701.718	701.441	700.796	700.366	699.997

TEST M2 FINAL TRANSIENT 2596 (50 ms Averaged) TC10 K RECORD = 109

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	629.585	629.616	629.585	629.492	629.647	629.492	629.616	629.523	629.585	629.523
0.5250	629.740	629.554	629.523	629.616	629.616	629.554	629.492	629.523	629.523	629.647
1.0250	629.616	629.647	629.616	629.554	629.585	629.647	629.585	629.554	629.554	629.616
1.5250	629.554	629.678	629.554	629.492	629.678	629.554	629.585	629.616	629.616	629.585
2.0250	629.616	629.523	629.554	629.554	629.585	629.585	629.616	629.740	629.554	629.740
2.5250	629.647	629.616	629.709	629.678	629.647	629.709	629.678	629.585	629.771	629.771
3.0250	629.77[illegible]	629.956	629.802	630.049	630.111	630.203	630.389	630.513	630.575	630.822
3.5250	631.007	631.038	631.347	631.687	632.120	632.429	632.892	633.509	634.158	635.023
4.0250	635.733	636.877	638.050	638.914	641.014	642.865	645.149	647.586	650.471	653.822
4.5250	658.168	662.728	667.718	674.085	680.927	688.153	695.776	703.350	710.648	717.648
5.0250	724.184	730.362	736.032	740.877	745.109	748.727	751.823	754.509	756.643	758.513
5.5250	759.922	761.026	761.762	762.620	763.018	763.294	763.509	764.030	764.091	764.275
6.0250	764.398	764.489	764.612	764.612	764.765	765.041	765.470	765.930	766.206	766.543
6.5250	767.248	767.800	768.566	769.271	769.945	770.711	771.355	772.305	773.286	774.236
7.0250	775.217	776.044	776.841	778.006	778.864	779.936	781.114	782.242	783.193	784.296
7.5250	785.460	786.962	787.697	788.832	789.782	790.824	792.019	793.337	794.594	795.544
8.0250	796.555	797.781	798.916	800.142	801.184	801.981	803.023	804.127	805.200	806.298
8.5250	807.506	808.518	809.438	810.725	811.676	813.056	813.945	815.049	816.030	817.226
9.0250	818.422	819.495	820.538	821.396	822.838	824.034	825.169	826.335	827.439	828.604
9.5250	830.047	831.366	832.644	833.950	835.331	836.774	838.185	839.688	841.101	842.696
10.0250	844.231	845.613	847.271	848.775	850.310	851.723	853.136	854.549	856.146	857.498
10.5250	858.989	860.731	862.328	863.896	865.617	867.307	868.906	870.566	872.319	873.949
11.0250	875.424	877.055	878.624	880.224	881.670	883.117	884.616	886.478	887.864	889.465
11.5250	891.066	892.698	894.176	895.840	897.350	898.921	900.308	901.942	903.421	905.117
12.0250	906.598	908.108	909.712	911.119	912.497	913.885	915.489	916.909	918.422	920.090
12.5250	921.973	923.579	925.155	927.102	929.204	931.027	932.913	934.769	936.934	938.871
13.0250	941.120	943.286	945.609	947.808	949.822	951.805	953.944	955.743	957.852	960.055
13.5250	962.165	964.209	966.427	968.289	970.277	972.390	974.193	976.743	978.795	980.943
14.0250	983.433	985.893	988.229	991.058	993.629	996.498	999.556	1002.521	1005.270	1008.051
14.5250	1010.551	1012.897	1015.493	1018.329	1021.669	1024.333	1026.902	1029.287	1031.577	1033.680
15.0250	1036.631	1039.145	1041.754	1044.232	1046.575	1049.124	1051.769	1054.227	1056.718	1059.430
15.5250	1062.050	1064.764	1067.324	1069.821	1072.300	1074.542	1077.358	1079.608	1081.256	1079.797
16.0250	1076.441	1082.524	1097.218	1119.708	1134.512	1132.108	1111.479	1081.265	1060.568	1064.891
16.5250	1101.557	1142.194	1169.416	1174.174	1158.471	1127.642	1099.187	1081.352	1080.212	1112.513
17.0250	1170.841	1250.254	1287.609	1321.486	1363.524	1410.035	1427.369	1432.957	1440.137	1425.736
17.5250	1412.310	1413.088	1388.171	1376.927	1369.279	1366.012	1364.260	1362.715	1361.240	1357.811
18.0250	1351.152	1340.652	1321.853	1289.487	1245.344	1191.853	1136.250	1079.135	1022.733	972.442
18.5250	923.560	878.007	839.239	807.089	779.987	757.417	739.221	724.731	713.473	704.331
19.0250	697.312	691.627	687.201	683.295	680.128	677.638	675.560	673.351	672.182	670.889
19.5250	669.504	668.703	667.902	667.625	666.794	666.393	665.655	665.008	664.607	663.683
20.0250	663.314	662.821	662.205	661.897	661.774	661.127	660.665	660.418	660.233	659.956
20.5250	659.555	659.185	658.816	658.538	658.138	657.614	657.336	657.244	657.090	656.782
21.0250	656.504	656.011	655.764	655.672	655.425	655.210	654.994	654.778	654.347	653.977
21.5250	653.793	653.638	653.085	652.592	653.360	653.175	652.775	652.344	651.822	651.297
22.0250	651.298	650.805	650.435	650.405	650.589	651.417	651.109	651.048	650.772	650.096
22.5250	650.804	650.774	650.592	650.258	650.045	649.894	649.803	649.711	649.560	649.498
23.0250	649.498	649.529	649.313	649.282	649.036	649.005	648.881	648.542	648.635	648.295
23.5250	648.480	648.357	648.203	648.326	648.141	648.295	648.234	648.203	648.295	648.172
24.0250	648.295	647.771	648.234	648.295	648.203	648.110	648.079	648.048	648.018	647.987
24.5250	648.048	647.987	647.987	647.956	647.987	647.956	647.833	647.833	647.709	647.555

TEST M2 FINAL TRANSIENT 2596 (50 ms Averaged) TC11 K RECORD = 110

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0253	630.606	630.315	629.152	631.188	629.370	630.606	629.952	630.970	629.952	630.243
0.5253	630.606	631.333	630.606	629.734	629.079	631.333	630.243	631.624	629.152	630.388
1.0253	629.588	630.752	630.025	630.970	630.534	631.043	630.243	630.243	629.806	631.261
1.5253	629.734	630.461	629.661	631.624	629.734	629.952	629.734	630.606	630.315	630.679
2.0253	630.970	630.025	630.461	631.115	630.170	631.406	631.697	630.315	631.988	630.315
2.5253	630.170	629.443	631.188	631.479	629.297	629.152	629.734	630.606	630.679	629.588
3.0253	630.315	630.461	630.388	629.879	630.461	631.915	631.043	629.879	629.879	630.897
3.5253	630.315	630.606	631.770	631.479	631.479	632.279	633.224	633.078	632.133	634.096
4.0253	634.023	634.823	635.259	636.567	635.986	637.584	639.619	640.127	642.524	644.993
4.5253	646.880	648.042	653.121	656.386	659.939	663.346	668.998	672.837	674.213	679.643
5.0253	680.584	682.611	684.854	685.433	686.446	686.880	688.616	688.833	688.471	688.688
5.5253	689.629	690.063	689.773	689.918	690.714	690.207	690.858	691.003	690.569	690.858
6.0253	691.365	693.028	691.148	690.786	691.220	691.220	692.739	692.956	693.607	692.883
6.5253	693.534	695.704	694.474	694.619	696.933	695.848	696.138	697.005	698.379	697.584
7.0253	697.511	698.234	698.740	699.608	700.403	700.620	700.764	702.716	701.487	703.077
7.5253	702.282	703.077	704.089	704.161	705.173	705.029	705.968	706.835	706.835	708.063
8.0253	708.063	708.930	708.280	709.147	710.953	711.170	710.737	711.676	712.037	713.987
8.5253	713.120	713.482	714.926	715.504	715.297	716.371	717.382	717.093	716.588	718.176
9.0253	718.826	719.837	719.621	720.632	721.498	721.209	722.292	721.065	723.375	724.892
9.5253	725.253	724.458	725.397	726.769	727.202	727.996	728.501	730.089	729.656	730.378
10.0253	731.821	731.388	732.327	734.781	734.997	735.358	735.574	735.430	738.317	738.028
10.5253	738.389	739.760	740.337	742.069	741.203	743.440	744.089	745.244	745.604	746.254
11.0253	748.057	747.336	748.274	749.211	749.933	750.799	750.149	752.025	753.756	753.179
11.5253	754.117	755.704	755.992	755.920	757.074	757.579	758.228	758.877	759.959	760.176
12.0253	761.402	762.844	762.339	760.464	763.421	765.441	764.720	765.369	767.388	768.398
12.5253	768.975	770.057	770.633	772.148	772.941	774.023	774.384	776.980	776.619	776.763
13.0253	779.648	779.143	781.090	780.514	783.831	784.336	784.841	787.004	788.519	789.312
13.5253	788.591	790.105	792.702	792.990	792.918	793.784	796.885	796.957	796.524	798.760
14.0253	800.924	803.377	802.799	805.252	805.685	808.570	809.725	809.580	812.899	814.775
14.5253	815.713	817.878	818.455	820.764	820.836	823.146	824.012	826.105	826.249	828.343
15.0253	830.075	832.169	832.963	833.829	836.212	838.739	839.317	840.184	841.917	844.084
15.5253	846.396	848.491	850.442	853.043	853.621	855.790	858.392	859.404	863.308	864.827
16.0253	866.924	870.107	871.699	874.449	876.620	878.357	880.964	883.570	886.830	887.626
16.5253	889.583	893.278	895.308	897.990	900.456	902.849	905.461	907.057	909.815	910.977
17.0253	914.607	927.761	975.681	1001.928	1043.809	1061.305	1061.528	1071.416	1084.905	1094.693
17.5253	1095.815	1100.156	1100.905	1090.431	1086.025	1088.116	1083.040	1069.259	1050.919	1024.821
18.0253	993.412	960.915	929.361	897.048	866.635	837.367	812.106	789.673	770.057	752.530
18.5253	740.987	728.790	720.848	713.915	707.196	703.366	699.608	696.138	692.956	691.365
19.0253	688.688	687.531	685.795	683.624	683.262	681.380	679.064	678.485	678.485	676.458
19.5253	675.589	676.385	674.792	674.430	673.127	673.923	670.954	671.171	671.244	671.099
20.0253	670.157	669.505	668.129	668.129	668.056	667.622	666.897	666.462	666.172	664.578
20.5253	663.998	665.158	663.708	663.346	663.201	662.766	663.418	663.056	662.694	663.273
21.0253	661.244	661.461	661.316	659.359	660.229	660.446	659.214	658.779	659.721	660.084
21.5253	660.011	657.909	656.676	656.458	656.096	657.183	656.748	657.836	656.313	657.546
22.0253	654.355	656.458	654.500	656.748	655.008	655.008	653.847	653.557	652.614	655.008
22.5253	654.645	654.065	653.339	652.686	653.121	653.267	652.976	653.194	654.645	654.137
23.0253	652.033	653.194	653.049	653.557	651.162	653.339	653.121	652.976	652.904	652.904
23.5253	653.557	650.945	651.670	652.106	652.251	651.380	650.872	651.815	650.945	651.235
24.0253	650.945	651.961	652.106	652.033	651.380	651.235	653.267	652.106	650.945	650.800
24.5253	650.945	650.364	649.929	650.945	650.800	650.727	648.260	650.074	650.437	650.219

TEST M2 FINAL TRANSIENT 2596 (50 ms Averaged) TC12 K RECORD = 111

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	629.034	629.034	629.003	629.034	629.034	629.003	629.034	629.034	629.034	629.034
0.5250	629.034	629.034	629.034	629.003	629.034	629.034	629.034	629.034	629.003	629.065
1.0250	629.034	629.034	629.034	629.034	629.034	629.034	629.065	629.034	629.003	629.034
1.5250	629.034	629.034	629.034	629.034	629.034	629.034	629.034	629.034	629.034	629.034
2.0250	629.034	629.034	629.034	629.034	629.034	629.034	629.003	629.034	629.034	629.034
2.5250	629.034	629.034	629.034	629.034	629.034	629.034	629.034	629.034	629.034	629.034
3.0250	629.034	629.065	629.034	629.034	629.065	629.219	629.312	629.219	629.374	629.559
3.5250	629.899	630.270	630.487	630.518	630.549	630.765	631.228	631.785	632.124	632.557
4.0250	633.421	634.101	635.059	635.831	637.097	638.209	639.722	641.734	643.819	646.535
4.5250	649.219	652.642	656.341	660.809	665.830	671.298	675.919	679.735	683.425	686.255
5.0250	688.622	690.651	691.973	693.171	693.970	695.015	695.415	695.906	696.306	696.644
5.5250	696.797	696.859	696.859	696.859	696.859	696.859	696.859	696.920	696.890	696.859
6.0250	696.920	697.013	696.982	697.443	697.657	697.903	698.364	698.426	698.644	699.206
6.5250	699.768	699.986	700.170	701.030	701.490	701.613	702.105	702.872	703.026	703.487
7.0250	704.255	704.532	705.023	705.760	706.159	706.558	707.387	707.786	708.400	709.076
7.5250	709.352	709.966	710.642	710.795	711.532	712.208	712.453	713.067	713.773	714.265
8.0250	715.032	715.370	715.768	716.443	716.904	717.241	718.070	718.377	718.868	719.666
8.5250	720.035	720.893	721.384	721.538	722.182	722.858	723.103	723.901	724.484	724.883
9.0250	725.650	726.080	726.453	727.419	727.667	728.465	729.048	729.508	730.367	730.735
9.5250	731.624	732.453	733.219	733.710	734.416	735.244	736.164	736.931	737.759	738.587
10.0250	739.538	739.997	740.979	741.592	742.635	743.156	744.198	745.057	745.762	746.222
10.5250	747.357	748.245	749.195	749.993	750.790	751.679	752.170	753.028	753.672	754.294
11.0250	755.072	755.933	756.669	757.343	758.262	759.090	759.765	760.501	761.420	762.278
11.5250	763.228	764.086	764.454	765.221	765.895	766.630	767.458	768.408	769.113	769.818
12.0250	770.461	770.799	771.810	772.638	773.803	774.722	775.212	776.224	776.653	777.847
12.5250	778.246	779.411	780.515	781.530	782.494	783.326	784.522	785.625	787.096	787.556
13.0250	788.721	789.947	790.499	791.387	792.368	793.716	794.882	795.862	796.966	798.008
13.5250	798.958	799.663	800.583	801.288	802.453	803.127	804.506	806.132	807.511	809.074
14.0250	810.675	812.193	813.851	815.414	816.886	818.542	819.892	821.517	823.357	824.707
14.5250	826.271	827.590	829.553	831.240	832.958	834.493	835.659	837.655	838.925	840.439
15.0250	841.974	843.846	845.412	847.070	848.882	850.509	852.075	853.795	855.792	857.481
15.5250	859.631	861.875	863.657	865.907	868.230	870.259	872.473	874.779	876.870	879.086
16.0250	881.085	883.609	886.318	888.811	891.675	894.180	896.966	899.523	901.804	903.993
16.5250	906.059	908.927	912.289	915.159	917.969	920.408	922.915	925.219	928.248	930.875
17.0250	932.669	958.672	986.833	993.751	998.430	1001.458	1005.611	1008.161	1009.914	1013.544
17.5250	1016.611	1021.777	1032.205	1049.881	1021.630	986.675	967.994	943.388	900.908	862.963
18.0250	831.096	802.887	781.905	759.789	736.930	721.820	707.817	695.478	688.806	681.395
18.5250	676.012	670.617	666.477	662.996	659.238	657.173	655.385	653.813	652.703	651.285
19.0250	650.113	649.065	648.756	647.646	647.399	646.689	645.948	645.424	645.115	644.467
19.5250	644.219	644.096	643.942	643.542	643.109	642.955	642.955	642.548	642.203	641.702
20.0250	641.483	641.420	641.389	641.358	641.389	641.173	640.802	640.463	640.247	639.969
20.5250	639.753	639.506	639.320	638.981	638.857	638.795	638.394	638.425	638.363	638.301
21.0250	638.301	638.301	638.301	638.301	638.301	638.301	638.301	638.301	638.301	638.209
21.5250	638.085	638.147	637.776	637.684	638.116	637.900	637.715	637.560	637.468	637.221
22.0250	637.437	637.282	637.190	637.035	637.035	637.066	637.005	637.097	637.036	636.912
22.5250	636.912	637.005	636.819	636.789	636.758	636.850	636.789	636.850	636.758	636.758
23.0250	636.758	636.758	636.758	636.758	636.758	636.758	636.758	636.758	636.758	636.789
23.5250	636.758	636.758	636.758	636.789	636.758	636.789	636.758	636.758	636.789	636.758
24.0250	636.789	636.696	636.758	636.758	636.819	636.758	636.758	636.789	636.758	636.758
24.5250	636.758	636.758	636.789	636.789	636.819	636.850	636.819	636.789	636.758	636.789

TEST M2 FINAL TRANSIENT 2596 (50 ms Averaged) TC13 K RECORD = 112

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	628.103	628.133	628.010	628.134	628.165	628.227	628.319	628.165	628.134	628.227
0.5250	628.164	628.103	628.134	628.288	628.227	628.257	628.319	628.350	628.227	628.227
1.0250	628.227	628.134	628.041	628.041	628.103	627.948	628.041	628.134	628.257	628.073
1.5250	628.041	628.072	628.041	627.948	628.196	627.917	628.072	627.979	628.134	628.041
2.0250	628.226	628.103	627.979	628.072	628.072	627.856	628.010	628.073	627.949	627.980
2.5250	628.165	628.227	628.134	628.227	628.289	628.103	628.165	628.042	628.010	628.072
3.0250	628.288	628.319	628.288	628.412	628.412	628.504	628.597	628.565	628.844	628.874
3.5250	628.936	628.998	629.307	629.708	630.048	630.172	630.697	631.130	631.655	632.026
4.0250	632.768	633.633	634.528	635.671	636.999	638.512	640.457	642.555	645.053	647.854
4.5250	650.933	654.718	659.092	664.052	669.685	675.524	681.144	686.155	690.889	694.883
5.0250	698.505	701.049	703.105	704.820	706.107	707.272	708.285	708.960	709.359	709.758
5.5250	710.188	710.526	710.741	710.925	711.017	710.987	711.048	710.956	711.017	711.447
6.0250	711.294	711.539	711.723	711.846	712.030	712.337	712.552	712.890	713.166	713.535
6.5250	713.934	714.578	715.008	715.591	716.143	716.573	717.279	717.985	718.507	719.151
7.0250	719.580	720.256	720.900	721.329	722.279	722.770	723.598	724.119	725.128	725.617
7.5250	726.414	726.935	727.701	728.405	728.865	729.752	730.456	730.853	731.773	732.354
8.0250	733.088	733.732	734.284	735.020	735.541	736.369	736.799	737.596	738.209	738.853
8.5250	739.528	740.172	740.847	741.583	742.073	742.717	743.392	744.066	744.526	745.262
9.0250	745.906	746.580	747.285	748.204	748.817	749.643	750.529	750.988	751.753	752.670
9.5250	753.406	754.355	755.120	756.099	756.955	757.871	758.912	759.740	760.506	761.670
10.0250	762.589	763.662	764.367	765.562	766.451	767.493	768.535	769.455	770.405	771.385
10.5250	772.489	773.439	774.327	775.306	776.132	777.201	778.211	779.006	780.201	781.119
11.0250	782.066	783.075	783.961	784.972	785.952	786.810	787.759	788.434	789.629	790.517
11.5250	791.590	792.479	793.337	794.287	795.115	796.004	797.046	797.782	798.701	799.498
12.0250	800.295	801.429	802.347	803.204	804.397	805.314	806.171	807.059	808.101	808.957
12.5250	809.905	810.882	812.015	813.332	814.436	815.754	817.103	818.422	819.710	820.722
13.0250	821.765	823.268	824.249	825.292	826.426	827.898	829.309	830.471	831.787	832.766
13.5250	833.901	834.911	836.012	837.267	838.401	839.628	841.132	842.912	844.661	846.442
14.0250	848.315	850.219	852.153	854.025	856.079	857.765	859.759	861.569	863.469	865.342
14.5250	867.462	869.122	871.335	873.303	875.395	877.240	879.116	880.868	882.741	884.584
15.0250	886.736	888.763	890.884	892.822	894.947	896.950	899.261	901.141	903.206	905.270
15.5250	907.673	910.011	912.200	914.878	917.497	920.213	922.807	925.434	928.154	931.058
16.0250	933.900	936.863	940.047	942.733	946.012	949.296	952.209	955.030	958.069	961.043
16.5250	964.513	967.766	971.117	974.568	977.615	979.948	983.154	985.829	988.845	991.583
17.0250	994.506	1018.329	1045.364	1057.478	1078.265	1182.013	1250.115	1265.356	1264.924	1267.912
17.5250	1276.641	1285.997	1285.963	1223.138	1121.885	1046.926	1001.940	965.264	927.998	881.021
18.0250	838.624	804.057	776.588	754.049	736.185	721.297	709.236	699.640	691.289	684.863
18.5250	680.037	675.676	671.930	669.072	666.332	663.991	662.112	660.418	658.969	657.490
19.0250	656.442	655.456	654.625	653.640	651.514	650.961	650.098	647.446	648.867	647.448
19.5250	646.615	647.111	647.573	649.055	648.716	648.346	647.977	647.761	647.514	647.175
20.0250	646.900	646.530	646.683	646.314	646.007	645.823	645.515	645.175	644.837	644.621
20.5250	644.499	644.344	644.037	643.882	643.728	643.635	643.327	643.173	643.018	642.833
21.0250	642.772	642.525	642.463	642.217	642.278	642.093	642.247	642.155	641.970	641.352
21.5250	640.920	640.765	639.468	638.604	641.260	641.352	640.766	639.685	639.098	637.677
22.0250	637.832	637.181	637.275	637.862	638.047	640.550	640.457	640.488	639.715	637.616
22.5250	640.426	640.426	640.272	640.240	640.179	640.087	639.932	639.901	639.932	639.778
23.0250	639.747	639.809	639.654	639.870	639.747	639.685	639.593	639.500	639.315	639.500
23.5250	639.160	639.315	639.315	639.346	639.469	639.531	639.469	639.407	639.438	639.500
24.0250	639.284	638.203	639.500	639.315	639.222	639.284	639.222	639.438	639.130	639.191
24.5250	639.191	639.099	639.130	638.975	638.914	639.160	639.068	639.037	638.975	639.099

TEST M2 FINAL TRANSIENT 2596 (50 ms Averaged) TC14 K RECORD = 113

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	626.894	626.894	626.894	626.894	626.894	626.894	626.894	626.894	626.894	626.925
0.5250	626.894	626.925	626.894	626.894	626.894	626.894	626.894	626.894	626.894	626.925
1.0250	626.894	626.894	626.925	626.894	626.894	626.894	626.894	626.894	626.894	626.894
1.5250	626.894	626.894	626.894	626.894	626.894	626.894	626.894	626.894	626.894	626.894
2.0250	626.894	626.894	626.894	626.894	626.894	626.894	626.894	626.894	626.894	626.894
2.5250	626.894	626.894	626.894	626.894	626.894	626.894	626.894	626.956	626.894	626.987
3.0250	626.925	626.956	626.956	626.956	627.018	627.049	627.481	627.605	627.945	628.254
3.5250	628.285	628.409	628.439	628.439	628.500	629.292	629.931	629.961	630.363	631.382
4.0250	631.722	632.958	633.422	634.627	635.955	636.942	639.237	641.241	643.680	646.241
4.5250	649.497	653.064	657.526	662.409	668.129	674.239	680.711	687.093	693.505	699.449
5.0250	705.032	709.983	714.495	718.473	721.623	724.416	726.561	728.810	730.252	731.448
5.5250	732.705	733.227	734.331	734.515	735.435	735.865	735.865	735.865	735.895	735.865
6.0250	736.171	736.141	736.386	736.846	737.275	737.398	737.398	737.398	737.579	738.666
6.5250	738.877	738.938	739.951	740.441	740.778	741.821	742.035	743.170	743.507	744.213
7.0250	745.040	745.715	746.574	747.388	748.082	749.278	749.708	750.781	751.210	752.528
7.5250	753.325	754.245	755.409	755.837	757.135	757.808	758.758	759.892	760.535	761.854
8.0250	762.252	763.387	764.183	764.949	766.237	766.783	767.930	768.297	769.492	770.197
8.5250	771.056	772.312	772.741	774.059	774.580	775.592	776.407	777.131	778.357	778.817
9.0250	780.165	780.747	781.728	782.863	784.119	784.793	785.774	786.356	787.593	788.386
9.5250	789.428	790.684	791.819	792.585	793.995	795.282	796.584	797.711	798.784	800.071
10.0250	801.481	802.922	804.240	805.313	806.655	807.895	809.275	810.655	811.636	812.770
10.5250	814.058	815.558	816.826	817.959	819.278	820.781	821.793	823.081	824.308	825.627
11.0250	826.963	828.211	829.284	830.664	832.168	833.365	834.776	835.871	837.177	838.558
11.5250	839.970	841.351	842.272	843.591	844.662	846.116	847.467	848.695	849.923	851.028
12.0250	852.349	853.639	854.837	855.991	857.240	858.438	859.759	860.681	861.910	863.108
12.5250	864.550	866.005	867.357	869.017	870.677	872.153	873.598	875.409	877.081	878.527
13.0250	880.188	881.819	883.666	885.130	886.720	888.536	890.322	891.985	893.648	895.338
13.5250	897.013	898.616	900.095	901.944	903.362	905.228	906.884	908.858	910.739	912.776
14.0250	914.872	917.197	919.574	921.859	924.203	926.748	929.344	931.384	934.310	936.679
14.5250	939.217	941.848	944.227	946.779	949.350	951.737	954.237	956.859	959.248	961.885
15.0250	964.304	966.736	969.624	971.831	974.554	977.124	979.893	982.257	984.526	986.998
15.5250	989.116	991.889	994.562	996.512	998.758	1000.725	1002.567	1005.030	1007.635	1010.323
16.0250	1012.793	1015.530	1018.934	1022.161	1025.464	1029.095	1031.387	1033.864	1037.107	1040.282
16.5250	1043.858	1047.681	1051.964	1055.263	1058.591	1060.705	1063.767	1066.554	1069.746	1072.686
17.0250	1076.155	1087.319	1132.613	1232.035	1277.392	1304.795	1324.566	1331.738	1330.413	1337.245
17.5250	1340.222	1344.410	1348.603	1339.960	1322.338	1293.462	1255.069	1214.789	1173.772	1131.046
18.0250	1089.359	1050.492	1015.261	981.512	951.149	922.875	895.365	870.187	847.781	826.506
18.5250	806.620	787.050	769.407	754.114	740.876	729.430	719.697	711.059	703.681	697.368
19.0250	691.906	687.308	683.229	679.512	676.455	673.839	671.654	669.260	667.953	666.320
19.5250	664.688	663.580	663.210	662.347	661.299	660.745	659.605	659.205	658.507	657.687
20.0250	657.687	657.194	656.301	656.146	655.869	654.914	654.605	654.605	654.390	653.496
20.5250	653.064	653.064	653.064	652.694	652.046	651.583	651.522	651.522	651.522	651.460
21.0250	650.659	650.135	650.011	649.980	649.980	649.889	649.494	648.795	648.492	648.431
21.5250	648.338	648.307	647.968	647.814	648.215	647.660	647.105	646.765	646.704	646.549
22.0250	646.549	646.395	646.086	646.179	646.056	646.488	645.901	645.531	645.408	645.130
22.5250	645.377	645.377	645.377	645.377	645.377	645.377	645.377	645.253	645.037	644.729
23.0250	644.451	644.204	644.050	643.957	643.834	643.834	643.834	643.834	643.834	643.834
23.5250	643.834	643.834	643.834	643.834	643.834	643.834	643.834	643.834	643.834	643.834
24.0250	643.834	643.587	643.834	643.834	643.834	643.834	643.834	643.772	643.711	643.741
24.5250	643.587	643.402	643.340	643.186	643.032	642.846	642.600	642.538	642.445	642.445

TEST M2 FINAL TRANSIENT 2596 (50 ms Averaged) TC15 K RECORD = 114

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	627.060	627.153	627.122	627.091	627.122	627.091	627.308	627.060	627.122	627.153
0.5250	627.091	627.060	627.184	627.153	627.122	627.122	627.122	627.122	627.060	627.122
1.0250	627.184	627.060	627.122	627.215	627.122	627.153	627.122	627.153	627.122	627.215
1.5250	627.091	627.153	627.153	627.060	627.091	627.184	627.060	627.122	627.091	627.122
2.0250	627.122	627.153	627.060	627.060	627.122	627.060	627.184	627.091	627.215	627.184
2.5250	627.246	627.122	627.184	627.122	627.122	627.184	627.246	627.308	627.215	627.153
3.0250	627.246	627.462	627.308	627.462	627.555	627.678	627.864	627.926	628.049	628.451
3.5250	628.451	628.606	628.697	628.940	629.336	629.793	630.128	630.653	631.302	631.950
4.0250	632.754	633.464	634.453	635.812	636.732	638.754	640.760	642.920	645.570	648.326
4.5250	652.088	655.798	660.504	666.000	672.020	678.554	685.209	691.863	698.356	704.419
5.0250	710.175	715.289	720.004	724.073	727.406	730.246	732.885	734.870	736.419	737.799
5.5250	738.750	739.700	740.283	740.927	741.356	741.816	742.092	742.123	742.307	742.460
6.0250	742.736	742.889	743.165	743.410	743.533	743.625	743.685	743.957	744.561	744.953
6.5250	745.319	746.055	746.576	747.005	747.741	748.415	749.213	749.826	750.592	751.235
7.0250	752.142	752.930	753.849	754.615	755.565	756.270	757.282	758.201	759.087	760.204
7.5250	760.967	761.764	762.806	763.634	764.768	765.534	766.637	767.649	768.410	769.468
8.0250	770.354	771.518	772.438	773.326	774.215	774.950	775.927	776.803	777.593	778.605
8.5250	779.800	780.536	781.455	782.374	783.624	784.683	785.385	786.243	787.254	788.051
9.0250	789.062	790.105	791.024	792.066	792.979	794.097	795.108	796.212	797.315	798.357
9.5250	799.460	800.497	801.585	802.778	804.188	805.077	806.334	807.863	809.409	810.541
10.0250	811.921	813.056	814.466	815.969	817.191	818.614	820.024	821.496	822.630	823.826
10.5250	825.107	826.656	827.975	829.202	830.337	831.778	832.995	834.608	835.989	837.248
11.0250	838.414	839.887	841.358	842.661	844.069	845.512	846.985	848.152	849.678	850.953
11.5250	852.304	853.656	854.946	856.359	857.725	859.130	860.605	861.711	863.002	864.446
12.0250	865.646	866.649	868.266	869.771	871.063	872.416	873.735	875.132	876.452	877.775
12.5250	879.251	880.942	882.343	883.966	885.598	887.352	889.107	890.703	892.164	894.227
13.0250	896.105	897.982	899.875	901.752	903.601	905.359	907.589	909.344	911.288	913.139
13.5250	914.928	916.453	918.486	920.184	922.037	923.875	925.844	927.915	930.016	932.102
14.0250	934.878	937.137	939.947	941.912	944.789	947.571	950.466	953.039	955.479	958.255
14.5250	960.955	963.901	966.583	969.407	972.291	975.227	977.808	980.967	983.447	986.157
15.0250	989.020	991.121	994.018	996.790	999.548	1002.168	1004.972	1007.829	1010.331	1013.082
15.5250	1015.537	1019.130	1022.100	1025.152	1028.162	1031.473	1035.513	1039.560	1043.377	1047.771
16.0250	1051.820	1056.092	1060.403	1064.186	1068.243	1072.030	1076.189	1079.827	1083.865	1087.322
16.5250	1090.579	1094.921	1099.386	1103.263	1106.847	1109.421	1111.941	1115.127	1118.431	1121.787
17.0250	1125.477	1159.951	1218.357	1253.493	1291.460	1324.584	1341.046	1348.092	1355.248	1356.994
17.5250	1357.610	1357.644	1356.857	1356.240	1349.286	1321.698	1276.949	1235.011	1198.160	1165.075
18.0250	1122.630	1079.082	1040.974	1007.814	976.261	947.509	918.341	875.665	840.923	813.118
18.5250	790.836	772.041	755.840	742.268	730.251	720.308	711.461	703.931	697.742	692.141
19.0250	687.411	683.617	680.143	676.843	674.381	672.136	670.366	668.464	667.263	665.785
19.5250	664.216	663.323	662.615	662.276	661.335	660.818	659.864	659.278	658.570	657.830
20.0250	657.768	656.875	656.412	656.042	655.426	654.871	654.687	654.232	653.625	653.260
20.5250	653.137	652.860	652.336	652.058	651.719	651.688	651.503	651.071	650.640	650.424
21.0250	650.146	649.961	649.745	649.344	649.036	648.758	648.604	648.604	648.450	648.203
21.5250	647.834	647.495	646.972	646.418	647.062	647.062	646.940	646.451	646.115	645.840
22.0250	645.475	645.138	644.801	644.864	644.988	645.543	645.543	645.389	645.327	644.741
22.5250	645.049	644.802	644.648	644.555	644.247	644.309	644.031	644.062	644.000	644.000
23.0250	643.907	643.877	643.691	643.661	643.290	643.229	643.198	643.074	642.858	642.797
23.5250	642.827	642.704	642.642	642.550	642.673	642.766	642.766	642.797	642.611	642.611
24.0250	642.550	642.241	642.519	642.457	642.457	642.457	642.457	642.457	642.457	642.395
24.5250	642.395	642.334	642.272	642.179	642.179	642.025	641.963	641.809	641.778	641.747

TEST M2 FINAL TRANSIENT 2596 (50 ms Averaged) TC16 K RECORD = 115

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	628.287	628.318	628.318	628.287	628.380	628.256	628.287	628.287	628.349	628.225
0.5250	628.287	628.349	628.349	628.256	628.349	628.287	628.318	628.318	628.256	628.318
1.0250	628.287	628.380	628.287	628.287	628.287	628.287	628.287	628.349	628.256	628.287
1.5250	628.318	628.256	628.380	628.225	628.256	628.318	628.225	628.225	628.287	628.256
2.0250	628.318	628.256	628.256	628.256	628.256	628.349	628.256	628.256	628.256	628.287
2.5250	628.349	628.318	628.256	628.256	628.287	628.287	628.287	628.256	628.318	628.256
3.0250	628.318	628.225	628.225	628.287	628.256	628.256	628.287	628.225	628.318	628.256
3.5250	628.256	628.256	628.256	628.349	628.287	628.287	628.256	628.256	628.287	628.287
4.0250	628.256	628.256	628.287	628.287	628.318	628.287	628.225	628.225	628.256	628.349
4.5250	628.380	628.318	628.472	628.565	628.473	628.782	628.813	628.936	628.844	628.936
5.0250	629.153	629.122	629.307	629.338	629.245	629.369	629.338	629.307	629.555	629.709
5.5250	629.678	629.709	629.678	629.740	629.709	629.678	629.709	629.709	629.740	629.740
6.0250	629.709	629.740	629.740	629.771	629.740	629.771	629.740	629.771	629.771	629.771
6.5250	629.771	629.771	629.771	629.771	629.771	629.771	629.771	629.740	629.771	629.709
7.0250	629.771	629.771	629.771	629.771	629.771	629.771	629.771	629.771	629.740	629.771
7.5250	629.771	629.771	629.771	629.771	629.771	629.771	629.771	629.771	629.771	629.771
8.0250	629.802	629.802	629.771	629.771	629.771	629.802	629.771	629.771	629.771	629.771
8.5250	629.771	629.771	629.771	629.771	629.771	629.771	629.771	629.771	629.771	629.802
9.0250	629.802	629.802	629.802	629.771	629.771	629.771	629.833	629.864	629.802	629.802
9.5250	629.833	629.802	629.864	629.802	629.833	629.895	629.802	629.802	629.895	629.895
10.0250	630.018	629.956	629.864	630.049	629.987	629.956	630.049	630.018	630.049	630.080
10.5250	629.926	630.111	629.956	630.173	629.956	630.358	630.080	630.049	630.142	630.235
11.0250	630.142	630.265	630.358	630.173	630.451	630.266	630.327	630.389	630.235	630.358
11.5250	630.420	630.296	630.420	630.389	630.513	630.667	630.544	630.544	630.605	630.698
12.0250	630.636	630.575	630.575	630.667	630.698	630.667	630.791	630.853	630.729	630.822
12.5250	630.791	630.976	631.100	631.100	631.131	631.038	631.069	631.038	631.100	631.162
13.0250	631.162	631.131	631.193	631.224	631.069	631.193	631.193	631.162	631.254	631.254
13.5250	631.316	631.254	631.285	631.316	631.316	631.285	631.255	631.316	631.316	631.316
14.0250	631.316	631.316	631.316	631.316	631.316	631.316	631.316	631.316	631.378	631.378
14.5250	631.347	631.347	631.440	631.409	631.440	631.502	631.594	631.533	631.780	631.749
15.0250	631.749	631.934	631.749	631.842	631.934	632.027	631.996	632.305	632.212	632.367
15.5250	632.274	632.521	632.490	632.490	632.521	632.738	632.799	632.861	632.892	632.861
16.0250	632.892	632.923	632.985	632.985	633.139	633.047	633.016	633.108	633.232	633.572
16.5250	633.726	633.942	634.035	633.819	633.850	633.819	633.912	634.282	634.344	634.344
17.0250	621.415	740.017	967.820	1074.380	1124.971	1146.025	1146.416	1122.921	1082.517	1035.242
17.5250	987.904	943.916	899.025	856.529	819.518	791.491	773.460	761.910	754.443	752.415
18.0250	754.992	759.642	763.320	768.301	774.255	778.629	781.910	784.055	787.221	790.822
18.5250	793.917	795.572	795.112	789.776	912.603	897.982	611.612	674.474	740.367	760.311
19.0250	768.730	774.963	780.990	787.560	794.193	801.449	809.805	818.472	828.496	839.045
19.5250	852.553	860.619	867.274	883.644	897.782	912.026	926.330	940.338	954.187	967.844
20.0250	980.901	993.232	1006.314	1019.698	1033.054	1046.001	1059.205	1072.532	1085.614	1098.255
20.5250	1111.319	1123.933	1135.982	1148.703	1160.697	1171.911	1183.091	1193.951	1204.939	1215.634
21.0250	1224.677	1235.668	1246.618	1257.508	1268.304	1279.064	1289.498	1299.892	1309.379	1318.922
21.5250	1328.328	1337.834	1346.926	1356.179	1365.914	1374.742	1383.461	1391.933	1400.947	1410.171
22.0250	1418.996	1427.922	1436.845	1445.124	1454.060	1463.350	1472.179	1480.846	1489.428	1496.900
22.5250	1505.000	1512.935	1520.438	1528.609	1535.554	1543.816	1552.246	1560.141	1568.113	1577.141
23.0250	1583.957	1590.989	1598.851	1606.002	1613.126	1619.777	1625.912	1631.956	1639.155	1645.909
23.5250	1652.039	1657.715	1664.570	1671.465	1677.428	1683.082	1688.359	1693.430	1699.666	1705.735
24.0250	1711.132	1716.563	1722.306	1727.914	1734.121	1740.302	1745.040	1749.488	1754.877	1759.237
24.5250	1763.431	1767.491	1771.670	1776.407	1781.453	1785.616	1789.774	1793.714	1797.735	1802.280

TEST M2 FINAL TRANSIENT 2596 (50 ms Averaged) TC17 K RECORD = 116

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	628.820	628.820	628.820	628.820	628.851	628.820	628.882	628.882	628.820	628.820
0.5250	628.820	628.851	628.820	628.851	628.820	628.820	628.851	628.820	628.820	628.820
1.0250	628.851	628.820	628.820	628.851	628.820	628.820	628.851	628.851	628.820	628.851
1.5250	628.820	628.820	628.820	628.820	628.820	628.820	628.820	628.820	628.820	628.820
2.0250	628.851	628.820	628.820	628.820	628.820	628.851	628.851	628.820	628.820	628.882
2.5250	628.820	628.820	628.820	628.851	628.820	628.820	628.820	628.820	628.820	628.820
3.0250	628.851	628.820	628.820	628.820	628.820	628.820	628.820	628.851	628.820	628.820
3.5250	628.820	628.820	628.820	628.820	628.820	628.820	628.820	628.820	628.820	628.820
4.0250	628.820	628.820	628.820	628.851	628.851	628.820	628.851	628.882	628.882	628.913
4.5250	628.851	628.882	628.913	628.882	628.913	628.820	629.098	629.129	629.191	629.006
5.0250	629.438	629.438	629.562	629.531	629.531	629.593	629.871	629.809	629.778	629.933
5.5250	629.964	630.056	630.087	630.118	630.211	630.211	630.211	630.211	630.118	630.180
6.0250	630.242	630.334	630.180	630.211	630.273	630.273	630.242	630.334	630.303	630.334
6.5250	630.242	630.365	630.334	630.303	630.303	630.273	630.334	630.365	630.365	630.365
7.0250	630.365	630.242	630.365	630.334	630.303	630.365	630.273	630.365	630.365	630.334
7.5250	630.365	630.365	630.365	630.365	630.365	630.365	630.365	630.365	630.365	630.365
8.0250	630.365	630.365	630.365	630.365	630.365	630.365	630.365	630.396	630.365	630.365
8.5250	630.365	630.334	630.365	630.365	630.396	630.365	630.365	630.365	630.365	630.396
9.0250	630.396	630.365	630.396	630.365	630.365	630.396	630.427	630.396	630.396	630.365
9.5250	630.458	630.365	630.396	630.458	630.365	630.489	630.365	630.396	630.365	630.396
10.0250	630.396	630.458	630.396	630.489	630.520	630.581	630.551	630.458	630.551	630.551
10.5250	630.612	630.551	630.551	630.582	630.643	630.520	630.612	630.458	630.798	630.705
11.0250	630.551	630.798	630.705	630.860	630.674	630.705	630.798	630.983	630.829	630.921
11.5250	630.736	631.045	631.045	631.138	630.952	631.045	631.261	631.045	631.292	631.292
12.0250	631.323	631.230	631.292	631.199	631.323	631.385	631.385	631.416	631.385	631.447
12.5250	631.570	631.570	631.663	631.725	631.601	631.663	631.694	631.663	631.756	631.756
13.0250	631.848	631.756	631.879	631.879	631.817	631.848	631.910	631.879	631.879	631.879
13.5250	631.879	631.879	631.879	631.910	631.910	631.879	631.910	631.910	631.879	631.910
14.0250	631.941	631.910	631.910	631.910	631.941	631.910	632.003	631.941	631.972	631.972
14.5250	632.034	631.972	632.096	632.157	632.188	632.250	632.343	632.250	632.435	632.466
15.0250	632.374	632.744	632.775	632.837	632.930	632.744	633.084	633.022	633.084	633.177
15.5250	633.084	633.331	633.301	633.301	633.455	633.424	633.455	633.424	633.455	633.455
16.0250	633.455	633.455	633.455	633.455	633.486	633.517	633.579	633.640	633.609	633.640
16.5250	633.826	633.857	633.888	633.857	634.073	634.196	634.475	634.258	634.536	634.660
17.0250	634.753	634.753	634.227	634.227	634.227	634.166	633.733	633.671	633.640	633.517
17.5250	633.455	633.424	633.362	633.084	632.374	632.435	632.096	632.003	631.941	631.910
18.0250	631.910	631.910	631.910	631.910	631.787	631.725	631.632	631.416	631.416	631.138
18.5250	630.767	630.705	630.612	630.674	630.520	630.520	630.551	630.396	630.427	630.396
19.0250	630.427	630.396	630.365	630.396	630.273	630.273	630.396	630.273	630.396	630.334
19.5250	630.334	630.396	630.149	630.303	630.334	630.365	630.303	630.365	630.365	630.365
20.0250	630.365	630.365	630.365	630.365	630.365	630.365	630.365	630.396	630.365	630.396
20.5250	630.365	630.396	630.365	630.365	630.365	630.365	630.365	630.396	630.365	630.365
21.0250	630.396	630.427	630.365	630.365	630.365	630.365	630.427	630.396	630.365	630.458
21.5250	630.520	630.520	630.582	630.334	630.427	630.396	630.612	630.489	630.489	630.674
22.0250	630.612	630.705	630.921	630.891	631.014	630.860	630.983	631.076	631.138	631.261
22.5250	631.230	631.199	631.663	631.508	631.570	631.539	631.663	631.632	631.694	631.787
23.0250	631.910	631.910	631.848	631.910	631.910	631.910	631.941	631.941	631.910	631.941
23.5250	631.910	631.910	631.972	632.003	632.065	632.065	632.065	632.096	632.219	632.126
24.0250	632.281	632.281	632.466	632.405	632.652	632.683	632.775	632.714	632.930	632.992
24.5250	633.022	633.208	633.331	633.177	633.270	633.208	633.393	633.424	633.455	633.455

TEST M2 FINAL TRANSIENT 2596 (50 ms Averaged) TC18 K RECORD = 117

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	628.344	628.344	628.221	628.251	628.437	628.344	628.437	628.375	628.375	628.437
0.5250	628.530	628.406	628.406	628.406	628.251	628.344	628.282	628.344	628.282	628.375
1.0250	628.313	628.406	628.159	628.375	628.313	628.375	628.344	628.375	628.406	628.344
1.5250	628.313	628.406	628.375	628.344	628.375	628.375	628.313	628.375	628.282	628.344
2.0250	628.375	628.375	628.313	628.344	628.128	628.282	628.282	628.437	628.468	628.344
2.5250	628.375	628.375	628.344	628.282	628.375	628.375	628.282	628.313	628.375	628.406
3.0250	628.190	628.313	628.437	628.282	628.375	628.406	628.344	628.437	628.344	628.375
3.5250	628.406	628.437	628.499	628.622	628.622	628.715	628.684	628.746	628.777	628.931
4.0250	628.931	629.086	629.333	629.457	629.642	629.889	630.137	630.322	630.662	631.187
4.5250	631.774	632.331	633.103	633.752	634.555	635.513	636.717	637.675	639.588	641.626
5.0250	643.663	646.147	649.332	652.663	655.776	659.906	664.773	669.453	674.655	679.794
5.5250	684.566	690.303	695.589	700.259	704.713	709.166	713.034	717.024	719.602	722.610
6.0250	725.783	728.524	729.781	732.451	734.321	736.008	737.204	738.216	738.861	739.811
6.5250	740.977	741.682	742.448	743.184	743.798	743.828	744.656	744.840	745.821	746.403
7.0250	745.882	746.649	747.507	748.734	749.286	750.052	750.205	751.033	751.278	751.738
7.5250	752.658	753.179	754.620	755.692	756.582	757.379	757.992	759.003	759.830	760.352
8.0250	761.455	762.222	762.988	763.999	765.077	766.100	767.640	768.590	768.865	769.631
8.5250	770.858	772.329	773.708	774.505	775.670	776.283	776.467	777.539	778.581	780.052
9.0250	781.033	781.064	782.627	783.852	784.864	785.998	786.948	787.898	789.400	789.951
9.5250	791.055	792.189	792.404	793.170	794.304	795.499	797.553	798.074	798.779	799.606
10.0250	800.036	800.680	803.101	804.914	805.472	806.680	807.999	809.655	810.850	811.893
10.5250	812.935	813.794	814.867	816.339	816.768	817.903	820.356	822.135	823.208	823.668
11.0250	824.558	825.938	827.502	829.467	831.460	832.595	833.424	834.283	836.339	837.351
11.5250	838.395	839.745	841.617	843.030	844.538	846.274	847.443	848.733	850.544	851.374
12.0250	852.909	854.690	856.165	857.087	857.363	859.974	860.742	862.586	863.754	865.475
12.5250	866.366	867.965	868.979	871.163	873.253	874.145	875.191	875.990	877.744	879.774
13.0250	881.436	882.205	883.805	885.044	886.719	888.293	889.555	891.494	893.373	895.376
13.5250	897.471	899.166	900.337	901.046	904.004	906.595	908.970	910.481	912.764	914.770
14.0250	916.128	916.776	918.659	920.389	921.408	923.817	926.866	927.950	930.053	931.939
14.5250	933.979	937.196	939.084	941.281	943.170	946.298	948.311	951.441	954.261	956.525
15.0250	958.634	960.961	963.757	967.129	969.587	971.575	975.461	976.176	979.940	982.617
15.5250	985.730	988.503	991.026	991.587	994.955	998.200	1001.195	1002.631	1004.607	1008.686
16.0250	1010.749	1013.564	1018.258	1020.638	1021.797	1027.439	1032.082	1036.289	1039.462	1043.394
16.5250	1045.895	1049.364	1052.356	1058.062	1063.553	1066.301	1068.987	1073.003	1078.638	1084.406
17.0250	1091.351	1107.004	1101.848	1078.132	1094.813	1102.957	1104.964	1106.716	1110.606	1112.488
17.5250	1110.289	1117.950	1128.298	1124.347	1122.169	1123.898	1129.519	1129.586	1126.813	1128.940
18.0250	1129.838	1138.250	1144.452	1149.890	1139.438	1134.943	1141.495	1144.870	1143.776	1138.153
18.5250	1135.490	1125.821	1118.462	1107.834	1096.403	1074.870	1069.494	1053.143	1038.488	1018.954
19.0250	1014.596	1013.220	995.334	979.101	962.408	943.203	934.260	912.431	901.109	885.022
19.5250	867.536	854.046	840.792	829.957	815.634	802.771	789.921	776.803	771.256	763.115
20.0250	754.650	747.844	740.639	732.082	726.092	722.119	719.879	715.919	710.762	709.319
20.5250	706.126	701.764	700.628	697.771	695.866	693.100	691.318	690.395	688.581	686.674
21.0250	685.396	684.377	682.839	681.639	679.794	679.024	678.471	677.025	675.671	674.409
21.5250	672.993	671.946	669.203	668.556	671.454	670.808	669.977	666.864	666.156	663.841
22.0250	663.627	662.765	660.851	662.302	661.810	664.835	664.157	664.157	663.016	660.302
22.5250	663.079	662.463	661.632	661.262	661.324	660.954	660.461	660.060	659.629	659.444
23.0250	659.598	659.105	658.365	658.119	658.026	657.965	657.348	657.256	656.763	656.424
23.5250	656.793	656.485	656.516	656.516	656.177	655.961	655.622	655.992	655.468	655.129
24.0250	655.376	653.677	655.345	655.222	654.944	654.790	654.667	654.605	654.636	654.328
24.5250	654.235	654.389	654.019	654.019	653.989	654.050	653.557	653.495	653.742	653.526

TEST M2 FINAL TRANSIENT 2596 (50 ms Averaged) TC19 K RECORD = 118

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	627.241	627.210	627.210	627.271	627.210	627.241	627.149	627.241	627.241	627.149
0.5250	627.271	627.210	627.119	627.180	627.241	627.271	627.180	627.241	627.241	627.210
1.0250	627.149	627.119	627.149	627.180	627.149	627.241	627.210	627.210	627.149	627.180
1.5250	627.149	627.241	627.180	627.089	627.241	627.119	627.149	627.210	627.210	627.119
2.0250	627.119	627.119	627.119	627.180	627.119	627.241	627.119	627.058	627.149	627.089
2.5250	627.089	627.119	627.058	627.180	627.119	627.089	627.149	627.028	627.089	627.089
3.0250	627.058	627.119	627.119	627.149	627.089	627.149	627.058	627.028	627.089	626.997
3.5250	626.936	627.058	627.119	627.119	626.997	627.119	626.967	627.149	626.997	626.936
4.0250	627.058	627.058	626.997	627.089	627.028	627.149	626.967	626.967	627.028	626.967
4.5250	627.089	626.997	627.089	626.906	626.936	626.875	626.815	626.906	626.875	626.967
5.0250	626.875	627.028	626.876	626.875	626.906	626.906	626.997	626.845	626.876	626.845
5.5250	626.906	626.875	626.845	626.784	626.815	626.815	626.876	626.906	626.784	626.875
6.0250	626.845	626.936	626.754	626.906	626.845	626.754	626.815	626.876	626.815	626.815
6.5250	626.815	626.815	626.754	626.784	626.815	626.876	626.723	626.723	626.754	626.723
7.0250	626.693	626.693	626.754	626.693	626.815	626.632	626.571	626.662	626.662	626.662
7.5250	626.602	626.693	626.632	626.571	626.723	626.602	626.602	626.693	626.662	626.754
8.0250	626.662	626.449	626.632	626.723	626.662	626.632	626.602	626.632	626.480	626.510
8.5250	626.541	626.632	626.602	626.510	626.510	626.480	626.662	626.602	626.510	626.632
9.0250	626.419	626.571	626.480	626.571	626.693	626.571	626.602	626.662	626.541	626.541
9.5250	626.449	626.449	626.389	626.632	626.662	626.449	626.541	626.602	626.602	626.480
10.0250	626.480	626.510	626.449	626.449	626.602	626.480	626.388	626.602	626.541	626.388
10.5250	626.541	626.571	626.388	626.541	626.510	626.510	626.510	626.571	626.388	626.388
11.0250	626.389	626.571	626.510	626.632	626.571	626.662	626.480	626.541	626.541	626.510
11.5250	626.602	626.632	626.693	626.602	626.571	626.541	626.602	626.571	626.602	626.632
12.0250	626.480	626.662	626.784	626.480	626.571	626.541	626.602	626.602	626.693	626.693
12.5250	626.784	626.632	626.723	626.632	626.693	626.632	626.632	626.662	626.723	626.693
13.0250	626.784	626.845	626.754	626.754	626.845	626.784	626.784	626.845	626.845	626.90[illegible]
13.5250	626.967	626.784	626.997	627.028	626.997	626.845	626.936	626.936	626.967	627.02[illegible]
14.0250	627.028	627.089	627.058	627.028	627.028	627.119	627.119	627.119	627.149	627.18[illegible]
14.5250	627.119	627.149	627.180	627.271	627.241	627.210	627.149	627.210	627.271	627.21[illegible]
15.0250	627.271	627.271	627.332	627.332	627.332	627.302	627.302	627.302	627.393	627.271
15.5250	627.363	627.393	627.393	627.363	627.455	627.393	627.393	627.393	627.455	627.393
16.0250	627.517	627.455	627.455	627.486	627.424	627.579	627.579	627.671	627.702	627.640
16.5250	627.733	627.702	627.950	627.919	627.919	627.981	628.011	627.919	628.011	628.042
17.0250	628.135	627.950	627.795	627.795	627.826	627.671	627.486	627.609	627.733	627.949
17.5250	627.733	627.888	628.073	627.950	628.104	628.135	628.042	628.073	628.166	628.228
18.0250	628.290	628.228	628.506	628.444	628.630	628.568	628.692	628.723	628.784	628.692
18.5250	628.753	628.753	628.846	628.908	628.908	628.877	628.939	628.970	628.970	629.001
19.0250	629.155	629.001	629.124	629.032	629.279	629.187	629.217	629.310	629.433	629.310
19.5250	629.403	629.403	629.588	629.681	629.866	630.021	630.021	630.144	630.268	630.299
20.0250	630.361	630.392	630.392	630.422	630.484	630.453	630.546	630.608	630.484	630.639
20.5250	630.639	630.577	630.701	630.731	631.010	631.133	631.040	631.040	631.164	631.380
21.0250	631.442	631.566	631.411	631.566	631.720	631.813	631.844	631.967	632.060	631.906
21.5250	631.906	632.029	632.029	632.029	632.122	632.400	632.400	632.338	632.585	632.307
22.0250	632.585	632.647	632.802	632.616	632.956	633.018	633.080	633.296	633.327	633.172
22.5250	633.420	633.451	633.512	633.574	633.605	633.605	633.605	633.729	633.729	633.821
23.0250	633.790	633.698	633.852	634.192	634.223	634.532	634.377	634.594	634.779	634.655
23.5250	634.655	634.902	634.964	634.995	634.964	635.119	635.057	635.119	635.149	635.119
24.0250	635.242	635.057	635.180	635.273	635.180	635.119	635.242	635.335	635.489	635.520
24.5250	635.674	635.643	635.829	635.859	635.952	636.045	636.168	636.230	636.137	636.230

TEST M2 FINAL TRANSIENT 2596 (50 ms Averaged) TC20 K RECORD = 119

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0257	630.068	631.740	629.268	630.504	628.905	631.594	629.995	628.469	629.196	629.050
0.5257	630.286	629.922	629.995	630.213	630.940	629.632	629.850	630.577	630.649	630.213
1.0257	630.286	630.795	630.577	630.213	630.795	629.632	629.050	630.795	628.759	630.359
1.5257	631.158	630.649	631.521	630.431	629.922	629.632	629.704	628.341	630.795	629.632
2.0257	631.085	631.812	628.687	630.068	630.286	629.559	630.795	630.504	629.559	630.940
2.5257	629.196	629.922	630.867	629.414	630.359	631.958	630.213	630.722	630.068	630.068
3.0257	630.649	631.376	630.359	629.196	629.995	630.141	629.486	630.795	630.504	630.141
3.5257	630.940	629.632	628.905	630.213	628.759	629.922	630.722	630.649	628.541	630.867
4.0257	630.867	629.559	629.559	630.286	631.376	631.521	630.068	630.213	630.213	630.795
4.5257	629.850	629.922	632.321	630.649	630.286	629.922	629.922	630.867	628.832	629.704
5.0257	628.323	629.632	631.667	629.777	630.867	630.141	630.795	630.504	631.158	629.850
5.5257	631.085	632.103	630.213	631.013	628.687	630.795	632.684	629.632	630.359	631.085
6.0257	630.141	631.376	631.740	631.085	630.504	630.940	631.740	630.213	631.376	630.722
6.5257	630.504	631.085	632.466	631.376	630.286	629.777	631.958	630.577	631.158	628.977
7.0257	631.013	631.231	630.431	629.704	629.995	631.158	630.795	630.867	631.013	629.123
7.5257	630.359	631.231	630.795	630.504	629.196	629.632	630.940	630.068	630.068	629.414
8.0257	629.704	629.050	630.577	629.050	631.231	630.649	631.085	630.722	631.667	629.486
8.5257	630.795	629.704	630.431	630.213	630.141	631.085	629.704	630.431	628.759	629.995
9.0257	629.486	627.887	628.250	629.559	629.777	629.559	628.614	629.559	629.341	628.905
9.5257	630.286	630.649	631.449	630.504	629.196	630.213	630.504	631.376	630.068	631.958
10.0257	631.594	630.867	629.922	631.449	630.504	631.231	630.213	630.141	631.958	630.359
10.5257	629.341	630.213	630.213	629.704	630.795	629.922	630.431	629.995	630.286	630.867
11.0257	630.431	630.213	630.141	630.141	629.632	630.577	631.376	631.376	630.359	631.740
11.5257	630.504	630.577	630.940	631.812	630.649	629.995	630.649	632.248	630.286	630.577
12.0257	630.431	632.684	632.394	631.594	632.830	630.940	631.521	632.902	630.722	630.795
12.5257	630.940	630.286	631.885	631.958	631.740	630.213	632.394	630.722	631.594	631.085
13.0257	631.958	629.632	630.795	629.850	631.013	630.649	630.577	630.722	629.341	630.577
13.5257	629.196	630.286	630.213	628.977	628.977	629.632	629.850	631.085	630.141	629.632
14.0257	627.887	630.141	631.303	629.632	629.704	628.759	630.504	629.123	628.541	627.960
14.5257	630.504	629.704	631.231	631.594	631.594	631.376	631.740	631.013	631.013	630.577
15.0257	631.885	632.321	630.431	630.795	631.740	631.667	629.268	632.103	630.649	631.740
15.5257	631.085	630.504	630.504	631.521	629.922	631.376	629.922	629.559	629.922	631.812
16.0257	631.158	631.521	632.030	630.068	630.940	630.795	630.213	631.667	632.103	632.321
16.5257	630.213	630.649	630.795	630.867	632.612	631.013	630.867	632.321	631.521	630.722
17.0257	632.612	632.902	631.303	632.321	631.521	631.303	632.321	631.449	631.885	630.940
17.5257	631.812	630.213	631.667	631.085	630.795	631.303	632.176	631.449	630.213	629.486
18.0257	631.958	631.521	631.667	632.539	631.085	631.376	631.085	630.867	631.958	630.867
18.5257	633.120	631.376	632.321	632.684	631.158	632.539	632.103	631.376	633.919	634.428
19.0257	631.958	633.266	632.684	632.248	633.992	633.120	632.684	633.992	632.830	633.701
19.5257	633.912	632.030	633.266	633.411	632.612	632.248	633.847	633.120	633.048	633.338
20.0257	634.648	634.937	634.719	632.248	634.501	634.719	634.355	634.283	634.065	632.975
20.5257	634.937	633.193	634.065	633.919	633.774	633.411	634.283	634.646	633.629	633.701
21.0257	633.629	635.372	634.573	634.137	635.445	636.244	634.283	635.009	634.864	635.372
21.5257	634.428	635.155	636.317	636.244	634.501	635.155	636.317	636.317	634.573	635.881
22.0257	635.009	635.372	636.099	635.009	636.607	636.680	636.244	636.244	636.317	637.697
22.5257	635.736	635.155	636.825	637.552	636.607	637.624	636.898	638.205	635.736	637.261
23.0257	637.479	637.188	637.624	636.317	638.496	638.423	637.987	638.932	637.552	638.859
23.5257	637.479	638.786	638.133	638.932	638.205	639.222	637.842	639.803	638.568	639.004
24.0257	639.367	637.770	639.512	639.295	638.932	640.384	637.770	638.932	638.351	639.585
24.5257	637.770	638.786	638.351	640.892	639.585	639.222	639.512	639.803	638.641	641.473

TEST M2 FINAL TRANSIENT 2596 (50 ms Averaged) TC21 K RECORD = 120

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0255	632.757	632.396	633.262	632.540	632.251	632.396	633.767	632.973	633.839	633.550
0.5255	632.973	633.189	633.550	634.272	632.684	632.396	632.684	633.262	632.324	633.839
1.0255	632.829	634.344	633.334	632.901	633.983	631.818	632.107	632.901	633.478	633.622
1.5255	632.107	633.117	633.767	633.334	633.189	633.262	632.973	631.385	632.179	633.262
2.0255	632.324	632.035	632.251	632.829	632.107	632.684	632.540	631.169	632.107	632.107
2.5255	632.396	632.612	632.107	632.829	632.973	633.117	632.468	632.901	632.107	632.757
3.0255	633.406	633.117	632.684	632.179	632.973	632.684	632.468	633.695	632.684	632.973
3.5255	633.983	632.829	633.262	633.189	632.973	633.550	633.839	633.406	632.901	632.468
4.0255	632.973	632.540	633.550	632.757	632.684	633.334	632.251	633.334	633.839	632.973
4.5255	632.757	632.973	633.839	632.829	633.478	633.983	633.983	632.612	633.189	633.550
5.0255	632.612	632.684	633.406	633.334	633.334	633.911	633.262	634.055	633.839	633.262
5.5255	634.416	634.416	634.055	634.272	634.416	635.354	635.787	633.911	635.787	635.714
6.0255	636.075	636.436	638.167	637.590	638.095	639.753	640.474	641.483	642.132	642.853
6.5255	644.583	644.799	646.745	647.393	648.546	651.355	651.427	652.651	655.459	656.179
7.0255	656.683	658.339	659.778	662.153	662.584	664.167	664.383	665.102	665.606	666.109
7.5255	666.972	669.417	670.064	670.711	671.862	672.005	673.803	673.371	674.737	675.959
8.0255	676.246	676.174	676.318	677.612	680.126	679.623	679.695	681.635	679.336	681.922
8.5255	682.425	684.508	683.503	683.718	684.724	686.950	686.304	686.950	687.381	689.104
9.0255	691.330	690.109	691.473	692.334	693.627	693.985	693.268	693.555	694.057	695.636
9.5255	694.918	697.215	696.282	697.574	696.354	697.287	698.937	698.650	699.583	701.735
10.0255	701.735	700.946	701.735	703.744	704.389	704.461	705.896	707.115	707.545	707.760
10.5255	705.752	709.123	710.844	710.055	711.633	712.708	713.139	713.999	712.493	713.856
11.0255	713.712	716.006	715.003	716.150	717.655	717.440	717.727	720.092	721.812	723.245
11.5255	722.099	723.819	722.600	723.819	725.109	725.539	726.542	727.545	726.972	728.691
12.0255	729.551	729.838	730.052	731.270	729.264	729.909	732.417	732.990	733.348	736.786
12.5255	735.569	735.855	735.425	737.861	739.078	739.723	739.794	742.588	743.590	744.092
13.0255	744.879	744.163	745.882	747.171	747.314	748.102	749.104	750.465	751.682	749.892
13.5255	750.894	752.541	753.901	756.336	756.336	757.338	760.130	759.557	761.061	761.705
14.0255	760.774	762.993	763.065	765.499	766.215	767.217	765.928	767.145	769.078	769.221
14.5255	769.937	770.725	771.226	771.655	773.087	774.733	775.807	778.240	776.308	779.171
15.0255	778.598	778.813	779.386	782.822	782.965	783.967	783.967	786.472	789.049	788.047
15.5255	787.546	790.409	789.980	792.199	790.982	793.201	794.848	797.998	798.357	798.642
16.0255	800.575	800.646	803.081	804.799	804.871	805.945	807.735	811.601	811.816	811.172
16.5255	813.320	818.405	818.190	818.405	818.906	821.771	823.204	821.198	824.064	827.502
17.0255	828.434	828.505	819.121	813.463	809.453	808.594	834.094	819.766	831.945	811.458
17.5255	809.453	807.162	806.589	809.453	809.453	811.458	812.461	813.893	816.041	816.758
18.0255	818.047	815.755	810.169	804.513	797.998	795.707	796.995	797.425	792.127	792.271
18.5255	792.127	791.984	790.839	790.767	791.769	790.839	790.409	791.054	802.579	816.041
19.0255	815.826	815.110	818.405	826.069	836.603	830.583	841.549	822.846	844.273	843.341
19.5255	847.715	850.296	853.094	854.170	855.676	857.470	856.824	856.394	857.183	858.690
20.0255	859.838	858.044	858.116	856.752	856.752	855.820	855.605	854.959	854.026	851.444
20.5255	849.579	847.715	846.137	844.918	840.688	840.760	836.674	835.743	831.873	830.941
21.0255	827.001	825.210	822.058	819.121	817.187	814.609	811.888	811.100	808.594	806.589
21.5255	804.083	802.866	799.429	798.141	796.494	794.490	789.908	787.689	789.264	788.477
22.0255	785.900	776.236	774.232	772.872	778.455	777.453	775.664	776.165	774.590	739.222
22.5255	772.299	771.655	768.935	767.933	767.432	765.714	763.566	760.989	760.917	761.419
23.0255	760.774	757.839	756.479	756.264	757.051	755.047	754.116	752.684	752.326	751.539
23.5255	749.892	749.605	745.595	748.889	748.030	747.314	747.028	747.887	744.736	746.168
24.0255	745.452	744.163	744.163	744.593	758.770	742.731	741.299	742.444	740.797	740.511
24.5255	740.940	741.084	739.436	739.794	738.577	739.078	738.219	739.007	737.144	736.285

TEST M2 FINAL TRANSIENT 2596 (50 ms Averaged) TC22 K RECORD = 121

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	527.195	524.298	519.647	517.019	517.430	517.540	517.074	516.855	517.375	516.992
0.5250	517.293	517.129	517.239	517.293	517.266	517.047	517.458	517.102	517.047	516.746
1.0250	516.965	517.019	516.910	517.293	517.047	517.129	516.965	517.540	517.047	517.019
1.5250	517.239	516.855	517.211	517.102	517.129	517.239	517.458	517.156	517.102	517.184
2.0250	517.129	517.211	516.773	517.649	517.074	517.019	517.156	516.472	517.074	516.718
2.5250	517.074	516.636	517.019	517.156	517.211	517.485	517.047	517.293	517.074	517.129
3.0250	517.293	516.828	517.430	517.239	517.239	517.019	517.184	517.403	517.184	517.211
3.5250	516.937	517.293	517.074	516.800	517.321	517.184	517.430	517.293	517.156	516.828
4.0250	517.102	517.047	516.965	517.019	516.800	516.937	517.293	517.184	517.019	517.184
4.5250	517.184	517.239	517.759	517.239	517.266	516.937	517.458	517.458	517.156	517.266
5.0250	517.293	517.184	517.074	517.211	517.540	517.239	517.019	517.458	517.266	517.375
5.5250	517.239	517.129	517.512	517.512	517.321	517.266	517.129	517.594	517.074	517.293
6.0250	516.554	517.156	517.156	517.129	516.362	517.512	516.855	517.019	516.855	517.184
6.5250	516.718	517.239	517.567	517.348	517.156	517.266	517.019	517.403	517.102	516.965
7.0250	517.430	517.540	517.184	517.211	517.567	517.567	517.430	517.102	516.773	517.266
7.5250	516.992	517.184	517.129	517.512	517.239	517.211	517.321	517.239	516.883	517.211
8.0250	517.512	517.184	517.074	517.102	517.074	517.622	517.239	517.321	517.184	517.403
8.5250	517.458	517.239	517.129	517.485	517.403	517.156	517.293	517.786	517.129	517.266
9.0250	517.458	517.184	517.677	517.156	517.403	517.375	516.992	517.102	517.458	517.567
9.5250	517.348	517.567	517.266	516.992	517.293	517.731	517.129	517.293	517.348	517.512
10.0250	517.321	517.458	517.019	517.184	517.129	517.239	516.444	516.636	517.129	517.321
10.5250	517.704	517.184	517.512	517.348	516.718	517.239	517.156	517.567	517.211	516.965
11.0250	517.184	517.293	517.622	517.321	517.321	517.156	516.883	517.047	517.293	517.540
11.5250	516.965	516.937	517.019	517.622	517.293	517.458	517.293	517.156	517.266	516.773
12.0250	517.403	517.485	517.266	516.965	517.266	517.047	517.375	517.211	516.691	517.321
12.5250	516.746	517.458	516.937	517.348	516.937	517.019	516.992	517.184	516.910	517.211
13.0250	517.348	516.992	517.129	517.403	517.211	517.403	517.156	517.321	517.156	517.540
13.5250	517.239	517.156	517.458	517.047	517.129	517.129	517.074	517.677	516.855	516.499
14.0250	517.129	517.184	516.746	516.417	516.910	516.937	517.102	516.965	517.266	517.348
14.5250	517.293	516.581	517.074	517.458	517.293	517.129	516.937	516.965	517.540	517.348
15.0250	517.512	517.019	516.883	516.910	517.293	517.348	517.512	517.074	517.485	517.047
15.5250	517.129	517.102	517.211	517.375	517.019	517.019	517.184	517.129	517.184	517.047
16.0250	517.156	517.348	517.102	517.102	516.992	517.239	517.129	517.129	517.458	517.184
16.5250	516.992	517.293	517.239	516.883	517.266	517.047	517.293	517.211	516.910	517.293
17.0250	517.266	517.129	517.211	517.239	517.403	516.910	517.649	517.403	517.266	517.129
17.5250	517.266	517.567	516.992	517.567	517.184	517.184	516.335	517.184	517.293	517.458
18.0250	516.225	517.047	516.746	516.718	517.348	516.910	517.156	517.074	516.883	517.567
18.5250	517.293	516.937	517.047	517.375	516.718	516.937	517.594	517.512	517.321	516.965
19.0250	517.239	517.019	517.239	517.321	516.883	516.527	516.089	515.952	515.486	516.089
19.5250	515.486	515.650	515.596	517.540	517.129	517.485	517.731	517.403	517.074	517.458
20.0250	517.102	517.458	517.239	517.074	517.047	517.786	517.239	517.074	516.883	517.430
20.5250	517.184	517.047	516.965	517.622	517.019	516.636	517.348	517.321	517.485	517.403
21.0250	517.348	517.403	517.321	517.321	517.375	517.047	517.129	517.512	517.594	517.156
21.5250	516.855	516.746	516.198	515.048	516.034	517.266	517.239	516.609	515.568	514.966
22.0250	515.020	514.883	515.376	514.390	515.678	516.390	516.883	517.074	517.156	515.623
22.5250	516.527	516.800	517.403	517.129	517.677	517.403	517.019	517.129	516.965	517.677
23.0250	517.074	517.458	516.992	517.156	517.293	517.156	517.266	517.403	517.348	517.266
23.5250	517.156	516.992	517.731	517.430	517.348	517.129	517.211	517.403	517.622	516.937
24.0250	517.156	516.773	516.581	517.403	517.348	517.293	517.293	517.512	517.102	517.430
24.5250	517.184	517.293	517.293	517.211	517.622	517.321	517.649	517.211	517.458	517.156

TEST M2 FINAL TRANSIENT 2596 (50 ms Averaged) TC24 K RECORD = 122

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0251	516.341	513.402	508.879	507.213	507.296	507.296	506.880	507.241	507.047	507.241
0.5251	507.130	507.296	506.880	507.269	507.130	507.296	507.047	507.185	507.019	507.269
1.0251	507.158	507.408	507.296	507.019	507.158	507.241	506.908	507.269	507.463	507.324
1.5251	507.324	507.408	507.241	507.408	507.296	507.102	507.269	507.408	507.241	507.435
2.0251	507.241	507.463	507.602	507.463	507.408	507.269	507.574	507.241	507.296	507.602
2.5251	507.602	507.435	507.130	507.519	507.241	507.185	507.352	507.630	507.269	507.519
3.0251	507.463	507.491	507.574	507.408	507.463	507.213	507.130	507.130	507.380	507.185
3.5251	507.158	507.296	507.130	507.158	507.185	507.213	507.213	507.463	507.408	507.463
4.0251	507.158	507.408	507.102	507.630	507.241	507.602	507.130	507.574	507.213	507.574
4.5251	507.185	507.852	507.741	507.713	507.574	507.991	508.018	507.768	508.018	507.852
5.0251	507.685	507.880	507.685	508.157	507.741	507.852	507.630	507.963	508.018	507.963
5.5251	507.796	507.991	507.796	508.324	507.991	507.963	507.935	508.213	507.963	508.296
6.0251	507.935	508.240	508.185	508.213	508.018	508.407	507.741	508.185	508.213	508.046
6.5251	508.046	508.352	508.407	508.490	508.324	508.324	508.296	508.574	508.463	508.629
7.0251	508.574	508.740	508.379	508.962	508.685	508.879	508.240	508.962	509.129	509.073
7.5251	508.574	508.851	508.962	508.990	508.685	509.157	508.990	509.212	508.962	509.379
8.0251	508.962	509.406	509.018	509.351	509.157	509.517	509.184	509.517	509.462	509.850
8.5251	509.490	509.684	509.684	509.795	509.712	509.739	509.545	509.962	509.906	510.128
9.0251	509.767	510.156	509.878	510.156	509.767	510.211	509.795	510.350	509.989	510.517
9.5251	510.156	510.322	510.267	510.905	510.322	510.406	510.600	510.905	510.517	510.822
10.0251	511.044	511.099	510.822	511.099	511.099	511.183	510.766	511.044	510.933	511.294
10.5251	510.933	511.238	511.266	511.571	511.183	511.765	511.294	511.904	511.682	511.682
11.0251	511.682	511.793	511.682	511.737	511.821	511.959	511.432	511.821	511.516	512.015
11.5251	511.904	511.987	511.876	512.043	511.793	512.154	512.265	512.181	511.959	512.070
12.0251	511.987	512.320	511.959	512.209	512.265	512.487	512.070	512.237	512.459	512.487
12.5251	512.292	512.376	512.154	512.431	512.459	512.237	512.625	512.819	512.625	512.764
13.0251	512.847	513.069	512.986	513.208	513.208	513.291	513.180	513.402	513.180	513.790
13.5251	513.846	513.513	513.485	513.790	513.707	513.957	514.012	514.234	513.790	514.068
14.0251	513.957	514.234	514.068	514.206	514.511	514.511	514.539	514.456	514.511	515.066
14.5251	514.872	515.066	514.761	515.343	515.315	515.454	515.426	515.398	515.537	516.036
15.0251	515.731	515.759	515.731	516.008	516.036	516.119	516.119	516.507	516.203	516.397
15.5251	516.480	516.701	516.618	516.701	516.507	516.757	516.729	517.089	516.895	517.294
16.0251	517.311	517.422	517.339	517.561	517.644	517.782	517.755	517.976	518.087	518.143
16.5251	518.059	518.281	518.170	518.669	518.337	518.724	518.641	519.002	518.808	519.112
17.0251	519.251	519.251	519.473	519.445	519.722	519.860	519.694	519.971	520.110	520.054
17.5251	519.694	520.137	520.331	520.110	519.916	519.944	520.054	520.110	520.387	520.331
18.0251	519.971	520.525	520.387	520.387	520.414	520.581	520.387	520.691	520.525	520.664
18.5251	520.276	520.387	520.470	520.581	520.027	520.498	520.498	520.608	520.054	520.553
19.0251	520.442	520.276	520.221	520.110	520.027	519.667	519.085	518.891	518.503	519.029
19.5251	518.143	518.614	519.085	520.664	520.442	520.774	520.359	520.719	520.331	520.525
20.0251	520.331	520.664	520.442	520.691	520.608	520.885	520.359	520.719	520.747	520.774
20.5251	520.581	520.885	520.802	520.664	520.414	520.885	520.636	520.774	520.664	521.273
21.0251	520.691	521.051	520.719	521.107	520.996	521.190	520.830	521.135	520.968	520.885
21.5251	520.331	520.276	519.694	518.835	520.442	521.107	521.107	520.442	519.694	519.085
22.0251	519.029	518.558	519.112	518.392	518.946	520.276	520.941	521.273	520.968	519.473
22.5251	520.885	521.273	521.107	521.190	521.107	521.411	521.051	521.107	520.996	520.996
23.0251	521.301	521.273	521.107	520.941	521.439	521.633	521.190	521.439	521.328	521.495
23.5251	521.135	521.301	521.107	521.301	521.190	520.913	521.162	521.439	521.328	520.968
24.0251	521.107	520.941	520.636	520.996	520.885	521.273	521.024	520.885	520.968	521.107
24.5251	520.913	520.885	520.885	521.107	521.135	520.913	521.051	520.968	521.051	520.996

TEST M2 FINAL TRANSIENT 2596 (50 ms Averaged) TC27 K RECORD = 123

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0252	299.391	299.059	294.102	291.711	291.832	291.832	291.832	291.832	291.893	292.074
0.5252	291.772	291.984	291.923	292.135	291.530	291.863	292.044	291.953	292.014	291.802
1.0252	292.014	291.832	291.348	291.832	291.984	292.105	291.741	291.953	291.953	291.741
1.5252	291.923	291.711	290.924	291.620	291.620	291.620	291.590	291.863	291.772	291.620
2.0252	292.044	292.014	291.832	291.863	291.499	291.863	291.469	291.984	291.681	292.105
2.5252	291.984	291.863	292.105	291.711	291.802	291.953	292.105	291.620	291.408	292.014
3.0252	291.923	291.923	291.802	291.863	291.832	292.014	291.853	291.923	291.984	291.863
3.5252	291.378	291.651	291.832	292.044	291.530	291.832	291.681	291.741	291.893	291.923
4.0252	291.681	291.832	291.832	291.953	291.802	292.135	291.802	291.772	291.620	292.165
4.5252	291.923	291.802	291.984	291.984	291.984	291.711	291.832	291.590	291.741	291.772
5.0252	291.802	291.984	292.105	291.893	291.832	292.286	291.772	291.741	291.893	291.711
5.5252	291.530	291.257	291.681	291.681	291.257	291.499	291.681	292.044	292.074	291.863
6.0252	291.832	291.681	291.620	292.135	291.560	291.832	291.863	291.832	291.772	291.711
6.5252	292.135	292.226	292.165	292.226	291.408	291.832	291.893	292.226	291.863	291.984
7.0252	291.984	291.681	291.832	292.226	291.711	291.984	291.772	291.681	291.863	291.772
7.5252	291.378	291.802	291.530	291.560	291.923	291.530	291.681	292.105	291.318	291.651
8.0252	291.832	291.802	291.832	291.863	291.681	291.923	291.893	291.802	291.772	291.953
8.5252	291.893	291.863	292.226	291.984	291.832	291.984	291.802	292.074	291.711	291.893
9.0252	291.893	292.105	291.953	292.105	291.741	291.953	291.802	291.378	292.165	291.923
9.5252	291.863	291.045	292.044	292.135	291.681	292.014	291.984	292.074	291.741	291.741
10.0252	291.620	291.984	291.711	291.499	291.802	292.226	291.741	291.953	292.105	292.377
10.5252	292.044	292.044	291.863	292.044	291.923	292.044	292.226	291.893	291.923	292.165
11.0252	292.074	292.256	292.105	292.256	292.014	292.044	292.074	291.681	291.984	291.620
11.5252	291.802	291.499	291.984	292.226	291.863	291.741	291.620	292.135	291.681	291.893
12.0252	291.953	292.135	292.014	291.590	292.286	291.893	291.863	292.044	292.014	291.863
12.5252	292.044	292.165	291.923	292.074	291.681	291.741	292.165	291.984	292.044	291.802
13.0252	292.165	292.044	292.347	292.014	291.711	291.953	291.863	292.135	291.197	292.195
13.5252	291.681	292.498	291.953	292.165	291.741	291.923	291.832	291.863	292.044	291.741
14.0252	291.863	292.165	291.620	292.286	292.074	292.256	292.528	292.135	291.832	291.923
14.5252	292.135	291.984	292.286	292.226	291.863	292.165	292.014	292.528	291.863	291.802
15.0252	292.014	292.195	291.953	291.893	292.195	291.923	291.711	291.923	291.318	292.347
15.5252	291.802	291.772	291.439	292.044	292.044	291.620	291.741	291.953	292.044	292.014
16.0252	291.863	292.074	292.165	291.863	291.772	292.317	291.651	291.863	292.226	291.984
16.5252	291.741	291.681	292.226	291.741	291.893	292.347	291.681	291.741	291.984	291.923
17.0252	292.195	291.772	291.711	292.044	292.135	291.923	291.560	291.620	291.741	291.863
17.5252	292.195	292.195	291.741	291.923	291.772	291.620	291.802	291.802	291.620	291.530
18.0252	291.832	291.984	292.286	291.984	292.044	291.802	291.590	291.863	292.317	292.165
18.5252	291.499	291.802	292.135	292.165	292.135	291.802	291.953	292.044	291.711	291.802
19.0252	292.074	292.014	291.681	293.134	298.395	299.754	303.527	306.692	308.379	303.315
19.5252	311.631	306.722	304.431	292.650	292.014	292.317	292.165	292.195	291.953	291.953
20.0252	292.105	292.105	292.105	291.863	292.135	292.347	292.105	291.802	291.681	292.256
20.5252	291.499	292.105	291.863	292.256	291.984	292.014	292.226	292.256	292.135	292.044
21.0252	291.893	292.165	292.347	291.681	291.772	292.347	291.893	291.802	292.226	295.039
21.5252	298.002	300.086	303.014	309.644	296.702	291.741	293.073	299.633	300.660	309.253
22.0252	308.470	314.819	307.928	313.797	306.059	298.334	291.893	291.651	294.435	306.873
22.5252	292.922	291.832	292.377	292.014	291.741	291.893	291.893	292.407	291.923	291.923
23.0252	291.439	292.165	291.923	292.074	291.984	292.105	291.893	292.105	292.195	291.953
23.5252	292.226	291.984	291.953	292.074	291.953	291.953	292.105	292.256	291.953	292.195
24.0252	292.256	298.153	296.884	291.953	292.074	291.863	291.923	291.772	292.195	292.044
24.5252	291.741	292.105	292.105	292.377	292.165	291.802	291.923	291.832	292.135	291.923

TEST M2 FINAL TRANSIENT 2596 (50 ms Averaged) TC28 K RECORD = 124

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0253	514.480	512.181	506.415	504.363	504.890	504.501	504.474	504.252	504.307	504.501
0.5253	504.085	504.501	504.085	504.751	504.196	504.390	504.945	504.390	504.113	504.390
1.0253	504.668	504.363	504.057	504.224	504.390	504.252	504.335	504.723	504.446	504.501
1.5253	504.252	504.834	504.612	504.668	504.418	504.474	504.390	504.806	504.363	504.612
2.0253	504.418	504.806	504.585	505.028	504.834	505.250	504.973	505.278	504.973	505.417
2.5253	505.028	505.056	504.917	505.056	505.001	505.306	505.056	505.528	504.973	505.361
3.0253	505.139	505.583	505.555	505.361	505.112	505.361	505.195	505.417	505.084	505.306
3.5253	505.001	505.056	505.112	504.973	504.890	505.334	505.056	505.195	504.834	504.862
4.0253	505.028	504.973	504.806	504.973	505.084	504.945	504.834	504.890	505.278	505.445
4.5253	505.278	505.167	505.028	505.306	505.195	505.084	505.278	505.445	505.001	505.250
5.0253	505.112	505.250	505.223	505.084	505.306	505.223	505.334	505.361	504.806	505.500
5.5253	505.334	505.112	504.945	505.528	504.973	505.195	505.611	505.250	505.334	505.472
6.0253	505.500	505.445	505.306	505.445	505.694	505.250	505.472	505.361	505.361	505.944
6.5253	505.555	505.639	505.361	506.083	505.500	505.583	505.417	505.805	505.639	505.861
7.0253	505.777	505.972	505.805	505.555	506.138	506.027	505.639	506.055	506.166	506.249
7.5253	505.916	506.221	506.221	506.110	505.805	505.916	505.666	506.055	505.722	505.999
8.0253	506.055	505.750	505.888	506.332	506.138	506.110	506.166	506.499	506.693	506.277
8.5253	506.304	506.831	506.637	506.748	506.360	506.720	506.526	506.720	506.970	506.748
9.0253	506.443	506.915	507.025	506.998	506.942	506.665	506.942	506.970	507.081	507.303
9.5253	507.109	507.358	506.915	507.663	507.636	507.802	507.386	507.830	507.552	507.663
10.0253	508.135	508.218	507.830	508.079	508.329	508.273	508.051	508.467	508.273	508.551
10.5253	508.079	508.467	508.634	508.939	508.689	508.855	508.828	509.077	508.855	508.883
11.0253	508.745	509.216	508.578	509.244	509.133	509.354	509.022	509.022	509.077	509.244
11.5253	508.772	509.216	509.438	509.299	508.966	509.354	509.160	509.271	509.216	509.049
12.0253	508.994	509.438	509.105	509.354	509.382	509.521	508.911	509.632	509.438	509.715
12.5253	509.604	509.632	509.632	509.798	509.576	510.020	509.909	509.853	509.826	510.463
13.0253	509.964	510.158	510.047	510.518	510.158	510.740	510.297	511.073	510.629	511.100
13.5253	511.184	511.184	511.350	511.405	511.156	511.461	511.239	511.239	511.045	511.184
14.0253	511.322	511.572	511.350	511.932	511.627	512.015	511.627	511.655	512.098	512.430
14.5253	512.126	512.624	512.707	512.735	512.790	513.012	513.095	513.234	513.178	513.289
15.0253	513.400	513.234	513.400	513.621	513.898	513.732	513.344	513.566	513.732	513.843
15.5253	513.621	514.258	513.898	514.286	513.954	514.203	514.369	514.148	514.148	514.812
16.0253	514.563	514.729	514.701	515.172	515.172	515.145	515.200	515.172	515.560	515.504
16.5253	515.698	516.280	515.837	516.197	515.975	516.529	516.197	516.695	516.612	516.501
17.0253	516.667	517.110	516.806	517.165	517.110	517.497	517.165	517.110	517.221	517.719
17.5253	517.636	517.664	517.747	517.774	517.497	517.802	517.968	517.857	517.996	517.940
18.0253	517.968	518.245	518.051	517.885	517.802	517.719	517.857	517.940	517.581	517.996
18.5253	517.996	517.581	517.940	517.913	517.830	517.830	517.719	518.023	517.774	517.996
19.0253	518.300	517.940	517.885	517.442	515.615	514.701	515.338	512.264	511.239	512.874
19.5253	510.186	510.796	513.760	517.636	517.857	517.857	518.106	517.968	517.774	517.774
20.0253	517.830	518.023	517.359	517.691	517.691	517.664	517.636	517.802	517.830	517.940
20.5253	517.830	518.134	518.328	518.189	517.774	518.272	517.940	518.272	517.857	518.217
21.0253	518.189	518.328	517.940	517.830	518.217	518.300	518.106	518.023	517.913	517.553
21.5253	515.920	516.030	514.314	511.876	516.003	518.051	518.162	515.892	513.732	512.513
22.0253	513.178	511.350	510.518	510.740	512.541	515.421	518.355	518.604	517.470	513.095
22.5253	517.525	518.328	518.494	518.300	518.494	518.328	518.577	519.953	518.355	518.328
23.0253	518.826	519.047	518.688	518.826	518.715	518.964	518.688	519.102	519.075	519.158
23.5253	518.826	518.936	518.494	519.075	518.964	519.020	518.909	519.292	518.936	519.075
24.0253	518.383	516.639	517.442	518.992	518.715	518.715	518.549	518.826	518.660	518.577
24.5253	518.577	518.688	518.521	518.826	518.438	518.853	518.853	519.047	518.798	519.102

TEST M2 FINAL TRANSIENT 2596 (50 ms Averaged) SSG V RECORD = 125

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124
0.5250	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124
1.0250	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124
1.5250	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124
2.0250	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124
2.5250	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124
3.0250	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124
3.5250	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124
4.0250	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124
4.5250	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124
5.0250	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124
5.5250	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124
6.0250	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124
6.5250	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124
7.0250	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124
7.5250	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124
8.0250	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124
8.5250	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124
9.0250	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124
9.5250	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124
10.0250	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124
10.5250	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124
11.0250	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124
11.5250	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124
12.0250	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124
12.5250	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124
13.0250	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124
13.5250	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124
14.0250	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124
14.5250	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124
15.0250	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124
15.5250	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124
16.0250	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124
16.5250	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124
17.0250	3.287	6.211	6.211	6.211	6.211	6.211	6.211	6.211	6.211	6.211
17.5250	6.211	6.211	6.211	6.211	6.211	6.211	6.211	6.211	6.211	6.211
18.0250	6.211	6.211	6.211	6.211	6.211	6.211	6.211	6.211	6.211	6.211
18.5250	6.211	6.211	6.211	6.211	6.211	6.211	6.211	6.211	6.211	6.211
19.0250	6.211	6.211	6.211	6.211	6.211	6.211	6.211	6.211	6.211	6.211
19.5250	6.211	6.211	6.211	6.211	6.211	6.211	6.211	6.211	6.211	6.211
20.0250	6.211	6.211	6.211	6.211	6.211	6.211	6.211	6.211	6.211	6.211
20.5250	6.211	6.211	6.211	6.211	6.211	6.211	6.211	6.211	6.211	6.211
21.0250	6.211	6.211	6.211	6.211	6.211	6.211	6.211	6.211	6.211	6.211
21.5250	6.211	6.211	6.211	6.211	6.211	6.211	6.211	6.211	6.211	6.211
22.0250	6.211	6.211	6.211	6.211	6.211	6.211	6.211	6.211	6.211	6.211
22.5250	6.211	6.211	6.211	6.211	6.211	6.211	6.211	6.211	6.211	6.211
23.0250	6.211	6.211	6.211	6.211	6.211	6.211	6.211	6.211	6.211	6.211
23.5250	6.211	6.211	6.211	6.211	6.211	6.211	6.211	6.211	6.211	6.211
24.0250	6.211	6.211	6.211	6.211	6.211	6.211	6.211	6.211	6.211	6.211
24.5250	6.211	6.211	6.211	6.211	6.211	6.211	6.211	6.211	6.211	6.211

TEST M2 FINAL TRANSIENT 2596 (50 ms Averaged) AIB A RECORD = 126

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	12.786	11.660	11.563	11.556	11.551	11.548	11.546	11.547	11.547	11.549
0.5250	11.547	11.548	11.546	11.544	11.544	11.546	11.547	11.547	11.544	11.545
1.0250	11.545	11.547	11.546	11.546	11.546	11.543	11.546	11.548	11.549	11.548
1.5250	11.547	11.550	11.550	11.549	11.549	11.549	11.552	11.549	11.550	11.551
2.0250	11.549	11.548	11.550	11.551	11.549	11.550	11.551	11.550	11.553	11.555
2.5250	11.553	11.554	11.553	11.554	11.556	11.553	11.554	11.553	11.552	11.554
3.0250	11.554	11.553	11.554	11.554	11.555	11.555	11.555	11.555	11.557	11.556
3.5250	11.555	11.555	11.556	11.556	11.555	11.555	11.555	11.556	11.553	11.554
4.0250	11.554	11.553	11.554	11.555	11.555	11.553	11.553	11.556	11.554	11.555
4.5250	11.555	11.554	11.554	11.555	11.552	11.553	11.555	11.553	11.553	11.554
5.0250	11.550	11.551	11.551	11.552	11.551	11.551	11.548	11.549	11.548	11.550
5.5250	11.549	11.550	11.553	11.552	11.554	11.551	11.551	11.551	11.551	11.549
6.0250	11.547	11.547	11.547	11.547	11.548	11.548	11.547	11.549	11.548	11.547
6.5250	11.548	11.545	11.547	11.545	11.547	11.547	11.549	11.550	11.548	11.547
7.0250	11.549	11.548	11.547	11.545	11.546	11.546	11.548	11.547	11.546	11.546
7.5250	11.546	11.545	11.548	11.546	11.546	11.545	11.544	11.542	11.543	11.542
8.0250	11.542	11.542	11.542	11.543	11.543	11.544	11.543	11.544	11.543	11.544
8.5250	11.542	11.542	11.541	11.541	11.540	11.538	11.538	11.541	11.538	11.538
9.0250	11.538	11.539	11.538	11.539	11.535	11.534	11.533	11.533	11.533	11.533
9.5250	11.531	11.533	11.533	11.533	11.532	11.533	11.535	11.534	11.532	11.531
10.0250	11.531	11.530	11.533	11.533	11.533	11.532	11.532	11.534	11.532	11.533
10.5250	11.532	11.531	11.532	11.531	11.531	11.531	11.531	11.531	11.530	11.530
11.0250	11.529	11.529	11.530	11.529	11.529	11.528	11.527	11.528	11.530	11.529
11.5250	11.528	11.528	11.528	11.528	11.526	11.525	11.527	11.527	11.526	11.528
12.0250	11.528	11.524	11.524	11.521	11.520	11.519	11.518	11.518	11.516	11.517
12.5250	11.519	11.519	11.516	11.516	11.515	11.516	11.517	11.517	11.516	11.519
13.0250	11.518	11.517	11.517	11.518	11.518	11.517	11.513	11.513	11.512	11.512
13.5250	11.513	11.512	11.510	11.511	11.508	11.508	11.507	11.506	11.506	11.507
14.0250	11.504	11.504	11.501	11.501	11.499	11.499	11.494	11.493	11.490	11.485
14.5250	11.485	11.484	11.485	11.483	11.481	11.482	11.481	11.479	11.477	11.476
15.0250	11.474	11.473	11.470	11.469	11.468	11.466	11.464	11.462	11.460	11.461
15.5250	11.459	11.460	11.458	11.456	11.455	11.455	11.452	11.450	11.450	11.451
16.0250	11.449	11.446	11.446	11.444	11.444	11.441	11.437	11.436	11.436	11.434
16.5250	11.433	11.432	11.431	11.430	11.428	11.427	11.427	11.425	11.423	11.421
17.0250	11.424	11.525	11.652	11.585	11.516	11.514	11.516	11.489	11.463	11.484
17.5250	11.494	11.470	11.459	11.460	11.461	11.447	11.443	11.443	11.441	11.440
18.0250	11.438	11.436	11.435	11.431	11.431	11.428	11.428	11.428	11.427	11.423
18.5250	11.421	11.420	11.422	11.418	11.417	11.414	11.416	11.415	11.417	11.414
19.0250	11.411	11.412	11.409	11.203	10.209	9.675	9.348	8.536	8.062	8.714
19.5250	7.274	8.019	8.810	11.295	11.437	11.442	11.443	11.445	11.444	11.447
20.0250	11.442	11.440	11.441	11.441	11.437	11.435	11.434	11.435	11.434	11.432
20.5250	11.432	11.431	11.429	11.427	11.430	11.428	11.427	11.427	11.423	11.422
21.0250	11.423	11.419	11.419	11.418	11.419	11.417	11.413	11.416	11.411	10.895
21.5250	10.056	9.801	9.050	7.311	10.215	11.384	11.147	9.924	9.354	7.827
22.0250	8.059	6.849	7.699	6.677	8.188	9.869	11.359	11.386	10.873	8.066
22.5250	11.175	11.460	11.462	11.469	11.470	11.475	11.475	11.475	11.475	11.475
23.0250	11.474	11.475	11.475	11.473	11.473	11.471	11.453	11.410	11.303	11.180
23.5250	11.127	11.159	11.189	11.163	11.116	11.154	11.262	11.335	11.369	11.387
24.0250	11.415	10.287	10.597	11.549	11.580	11.603	11.592	11.606	11.607	11.608
24.5250	11.620	11.594	11.604	11.631	11.649	11.648	11.649	11.655	11.649	11.665

TEST M2 FINAL TRANSIENT 2596 (1 ms Data) FM1L CC/S RECORD = 127

TIME	+ 0.0000	+ 0.0010	+ 0.0020	+ 0.0030	+ 0.0040	+ 0.0050	+ 0.0060	+ 0.0070	+ 0.0080	+ 0.0090
16.0000	195.794	195.794	196.471	196.471	195.794	195.343	195.794	195.343	194.666	194.214
16.0100	194.214	193.537	193.537	194.666	194.214	194.666	194.666	195.343	195.794	196.923
16.0200	196.471	195.343	195.794	195.343	194.666	194.666	194.214	193.537	193.537	193.537
16.0300	194.214	194.214	194.666	194.666	195.343	195.794	195.794	195.794	194.666	195.343
16.0400	195.343	194.666	194.666	194.214	193.537	193.537	194.214	194.214	193.537	194.666
16.0500	194.666	194.666	195.794	195.794	195.794	195.343	195.794	195.343	195.343	194.666
16.0600	194.214	193.537	193.537	194.666	193.537	194.214	194.214	194.666	194.666	195.794
16.0700	195.343	195.343	195.794	195.794	195.343	195.343	194.666	194.214	194.214	194.214
16.0800	194.214	193.537	194.214	194.214	194.666	195.343	195.794	195.794	194.666	195.343
16.0900	195.794	195.343	195.343	195.343	194.666	194.666	194.666	194.666	193.537	194.666
16.1000	194.666	194.666	195.343	195.794	195.343	195.343	195.794	195.343	195.794	195.343
16.1100	195.343	194.666	194.666	195.343	194.666	194.666	194.214	195.343	195.343	195.794
16.1200	195.794	194.666	195.343	195.794	195.343	195.343	195.343	194.666	194.666	194.666
16.1300	195.343	194.666	194.666	194.666	195.343	195.794	195.794	195.794	194.666	195.343
16.1400	195.343	195.343	194.666	194.666	194.214	194.666	195.343	195.343	194.666	195.343
16.1500	195.343	195.794	196.471	195.794	195.794	195.343	195.343	194.666	195.343	194.666
16.1600	194.214	193.537	194.214	195.343	194.666	194.666	195.343	195.794	196.471	196.923
16.1700	196.471	195.343	195.794	195.794	194.666	194.666	194.666	194.214	194.214	194.666
16.1800	195.343	194.666	195.343	195.794	196.471	196.471	196.923	196.923	195.794	195.794
16.1900	195.794	195.343	195.343	194.666	194.214	194.214	195.343	195.343	194.666	195.794
16.2000	195.794	196.471	196.923	196.923	196.471	196.471	196.471	195.794	195.794	194.666
16.2100	194.666	194.214	194.214	195.343	195.343	194.666	195.343	196.471	196.471	196.923
16.2200	196.923	196.471	196.471	196.923	195.794	195.794	195.343	194.666	194.666	194.666
16.2300	195.343	194.666	195.343	195.794	196.471	196.923	196.923	196.923	196.471	196.471
16.2400	196.471	196.471	196.471	195.794	195.343	195.343	195.794	195.343	194.666	195.343
16.2500	195.794	195.794	196.923	196.923	196.471	196.471	196.923	196.471	196.471	196.471
16.2600	195.794	195.343	195.343	195.794	194.666	194.666	194.666	195.343	195.794	196.471
16.2700	196.471	195.794	196.471	196.923	196.471	196.471	196.471	195.343	195.343	195.343
16.2800	195.343	195.343	194.666	195.343	195.343	195.794	196.471	196.471	195.794	196.471
16.2900	196.471	195.794	195.794	195.794	195.343	195.343	195.794	195.343	194.666	195.343
16.3000	195.794	195.794	196.471	196.471	195.794	195.794	196.471	195.794	196.471	195.794
16.3100	195.343	194.666	195.343	195.794	195.343	195.343	195.343	195.794	195.794	196.923
16.3200	196.471	195.343	195.794	196.471	195.794	195.794	195.794	195.343	195.343	195.343
16.3300	195.794	195.343	195.794	195.794	195.794	196.471	196.923	196.471	195.343	195.794
16.3400	195.794	195.343	195.343	195.343	194.666	195.343	195.794	195.794	195.343	195.794
16.3500	196.471	196.471	196.923	196.471	195.794	195.794	196.471	195.343	195.794	195.343
16.3600	195.343	194.666	194.666	195.794	195.343	195.343	195.794	196.471	196.471	196.923
16.3700	196.923	195.794	195.794	195.794	195.343	195.343	194.666	194.214	194.214	194.666
16.3800	194.666	194.666	195.343	195.343	195.794	196.471	196.923	196.471	195.343	195.794
16.3900	195.343	194.666	195.343	194.666	193.537	194.214	195.343	194.666	194.666	195.343
16.4000	195.794	195.794	196.471	196.471	195.794	195.343	195.794	195.343	195.343	194.666
16.4100	194.666	194.214	194.214	195.343	194.666	194.666	194.666	195.343	195.794	196.923
16.4200	196.471	195.343	195.794	195.794	195.343	195.343	194.666	194.666	194.214	194.666
16.4300	195.343	194.666	194.666	195.343	195.794	195.794	196.471	196.471	195.343	195.794
16.4400	196.471	195.343	195.343	194.666	194.214	194.666	195.343	194.666	194.214	194.666
16.4500	194.666	195.343	195.794	195.794	195.794	195.343	195.794	195.343	195.343	195.343
16.4600	194.666	194.214	194.214	194.666	194.214	194.214	194.214	194.666	195.343	195.794
16.4700	195.343	194.666	195.343	195.794	194.666	194.666	194.666	194.214	194.214	194.214
16.4800	194.666	193.537	193.537	194.214	194.214	194.666	195.343	195.343	194.666	195.343
16.4900	195.343	194.666	194.666	194.666	193.537	194.214	194.666	194.214	193.537	194.214

TEST M2 FINAL TRANSIENT 2596 (1 ms Data) FM1L CC/S RECORD = 128

TIME	+ 0.0000	+ 0.0010	+ 0.0020	+ 0.0030	+ 0.0040	+ 0.0050	+ 0.0060	+ 0.0070	+ 0.0080	+ 0.0090
16.5000	194.666	194.666	194.666	195.343	195.343	194.666	195.343	194.666	194.666	194.666
16.5100	194.214	193.537	193.537	194.214	193.537	193.537	194.214	194.666	194.666	195.343
16.5200	194.666	194.666	194.666	195.343	194.666	194.666	194.214	193.537	193.537	194.214
16.5300	194.214	193.537	194.214	194.214	194.666	194.666	195.343	195.343	194.214	195.343
16.5400	194.666	194.666	194.214	194.214	193.086	193.537	194.666	194.214	193.537	194.214
16.5500	194.666	194.666	195.343	195.343	195.343	194.666	195.343	194.666	194.666	194.214
16.5600	193.537	193.537	193.537	194.214	194.214	193.537	194.214	194.666	194.666	195.343
16.5700	195.343	194.666	194.666	195.343	194.214	194.666	194.214	193.537	193.086	193.537
16.5800	194.214	193.537	193.537	194.214	194.666	194.666	195.343	195.343	194.214	194.666
16.5900	194.666	194.666	194.214	193.537	193.537	193.537	194.666	194.214	193.537	194.214
16.6000	194.214	194.666	195.343	195.343	194.666	194.666	195.343	194.666	194.666	194.666
16.6100	194.214	193.537	193.537	194.666	194.214	194.214	194.214	194.666	195.343	195.794
16.6200	195.343	194.666	195.343	195.343	194.666	194.666	194.666	194.214	194.214	194.666
16.6300	194.666	194.666	194.666	194.666	194.666	195.343	195.794	195.794	194.666	195.343
16.6400	195.343	194.666	194.666	194.666	194.214	194.214	195.343	194.666	194.214	194.666
16.6500	194.666	195.343	195.343	195.343	195.343	195.343	195.343	194.666	194.666	194.666
16.6600	194.666	194.214	194.214	195.343	194.666	194.666	194.214	195.343	195.794	195.794
16.6700	195.794	195.343	195.343	195.343	194.666	194.666	194.666	194.214	194.214	194.666
16.6800	195.343	194.666	194.666	194.666	195.794	195.794	196.471	196.471	195.343	195.794
16.6900	195.343	195.343	194.666	194.666	194.214	194.666	195.794	195.343	194.666	195.794
16.7000	195.794	196.471	196.923	196.471	195.794	195.794	195.794	195.343	195.343	194.666
16.7100	194.666	193.537	194.214	195.343	195.343	194.666	195.343	195.794	196.471	196.923
16.7200	196.923	195.794	195.794	195.794	195.343	195.343	194.666	194.214	194.214	194.666
16.7300	194.666	194.666	194.666	195.343	195.794	196.923	196.923	196.923	195.794	196.471
16.7400	195.794	195.343	195.343	194.666	194.214	194.214	195.343	194.666	194.666	195.343
16.7500	195.794	196.471	196.923	196.923	196.471	196.471	196.923	195.794	195.794	195.794
16.7600	194.666	194.666	194.214	195.343	194.666	194.666	194.666	195.794	196.471	196.923
16.7700	196.923	196.471	196.923	196.923	196.471	196.471	195.794	195.343	194.666	194.666
16.7800	195.343	194.666	194.666	194.666	195.343	195.794	196.471	196.923	195.794	196.471
16.7900	196.923	196.471	196.471	195.794	194.666	195.343	195.343	194.666	194.214	194.666
16.8000	194.666	195.343	195.794	195.794	195.794	195.794	196.471	196.471	196.471	195.794
16.8100	195.794	195.343	194.666	195.343	194.666	194.666	194.214	194.666	195.343	195.794
16.8200	195.794	195.343	195.794	196.471	195.794	195.794	195.794	194.666	195.343	195.343
16.8300	195.343	194.666	194.666	194.666	194.666	195.343	195.794	195.794	195.343	195.794
16.8400	195.794	195.794	195.794	195.343	194.666	195.343	195.794	195.343	194.666	195.343
16.8500	195.343	195.343	195.794	195.794	195.343	195.343	195.794	195.343	195.343	195.343
16.8600	194.666	194.666	194.666	195.794	195.343	194.666	195.343	195.794	195.794	196.471
16.8700	195.794	195.343	195.343	195.343	194.666	194.666	194.666	194.214	194.666	195.343
16.8800	195.343	194.666	195.343	195.343	195.794	196.471	196.471	195.794	195.343	195.343
16.8900	195.343	194.666	194.666	194.214	194.214	194.214	195.343	194.666	194.666	195.343
16.9000	195.794	195.794	196.471	196.471	195.343	195.343	195.794	194.666	194.666	194.666
16.9100	194.214	193.537	194.214	194.666	194.666	194.666	194.666	195.794	195.794	196.471
16.9200	195.794	195.343	195.343	195.343	194.666	194.666	194.214	193.537	193.537	194.214
16.9300	194.666	194.214	194.214	194.666	195.343	195.794	195.794	195.794	195.343	195.343
16.9400	195.343	194.666	194.666	194.214	193.537	193.537	194.666	194.214	193.537	194.666
16.9500	194.666	195.343	195.794	195.794	195.794	195.343	195.794	195.343	195.343	194.666
16.9600	194.214	193.537	193.537	194.666	194.214	193.537	194.214	194.666	194.666	195.794
16.9700	195.794	194.666	195.343	195.794	195.343	195.343	194.666	194.214	193.537	194.214
16.9800	194.214	193.537	193.537	194.214	194.214	194.666	195.343	195.343	194.666	195.343
16.9900	195.343	195.343	195.343	194.666	194.214	194.214	194.666	193.537	193.086	194.214

TEST M2 FINAL TRANSIENT 2596 (1 ms Data) FM1L CC/S RECORD = 129

TIME	+ 0.0000	+ 0.0010	+ 0.0020	+ 0.0030	+ 0.0040	+ 0.0050	+ 0.0060	+ 0.0070	+ 0.0080	+ 0.0090
17.0000	194.214	194.214	194.666	195.343	194.666	194.666	195.343	194.666	194.666	194.666
17.0100	194.214	193.537	193.537	194.214	193.537	193.086	193.086	193.537	193.537	194.214
17.0200	194.214	192.634	181.801	152.008	121.765	104.160	93.101	63.308	29.453	13.654
17.0300	2.369	-2.596	-0.339	5.755	10.946	12.526	11.397	10.269	7.561	3.046
17.0400	-5.982	-16.589	-24.489	-30.131	-36.902	-41.868	-44.125	-44.802	-41.868	-41.868
17.0500	-43.673	-40.739	-34.645	-27.874	-26.295	-28.552	-33.968	-107.772	-161.714	-161.263
17.0600	-192.635	-238.678	-300.069	-272.533	-278.627	-289.912	-292.169	-293.298	-280.884	-274.113
17.0700	-290.589	-293.298	-293.749	-296.006	-296.683	-297.134	-286.075	-270.276	-268.471	-268.471
17.0800	-262.377	-253.349	-244.998	-245.449	-246.578	-243.869	-239.355	-235.970	-235.970	-231.456
17.0900	-223.105	-218.591	-215.205	-207.757	-200.535	-192.635	-184.736	-180.222	-173.451	-165.100
17.1000	-159.458	-154.943	-151.107	-145.915	-140.273	-136.436	-130.794	-125.828	-119.509	-113.866
17.1100	-108.901	-104.838	-99.873	-93.102	-89.265	-85.879	-81.817	-76.851	-72.789	-68.275
17.1200	-64.438	-60.601	-55.410	-49.767	-44.802	-40.739	-35.097	-30.809	-26.295	-21.103
17.1300	-16.589	-14.332	-10.495	-6.433	-3.047	-0.790	3.046	6.883	10.269	14.783
17.1400	18.845	22.231	25.616	29.002	31.259	33.967	37.353	39.610	42.318	45.252
17.1500	47.961	50.218	53.603	56.537	58.117	59.923	63.308	64.888	67.145	68.725
17.1600	70.531	71.659	74.368	77.302	78.430	80.010	82.267	84.524	85.653	87.458
17.1700	88.587	89.038	90.167	90.844	91.295	91.972	91.295	91.295	91.295	91.295
17.1800	93.101	92.424	92.424	93.101	93.101	93.552	94.681	94.681	94.229	95.809
17.1900	95.809	94.229	94.229	94.681	94.229	94.681	94.681	94.229	93.552	94.229
17.2000	93.101	92.424	92.424	92.424	93.101	91.295	90.844	89.715	89.038	88.587
17.2100	86.781	85.653	85.201	85.201	84.073	84.524	83.396	82.944	82.944	82.267
17.2200	80.687	80.010	79.559	78.882	77.302	77.302	76.625	75.045	73.916	74.368
17.2300	74.368	75.045	74.368	74.368	74.368	74.368	75.045	73.916	72.111	72.111
17.2400	71.659	70.982	70.531	69.402	68.274	68.274	69.402	68.274	67.597	68.274
17.2500	68.274	68.274	68.274	67.145	66.468	67.145	67.597	66.468	67.145	67.597
17.2600	67.145	66.468	66.468	67.145	66.468	66.017	65.340	65.340	66.017	66.468
17.2700	66.017	64.211	64.211	64.888	64.211	64.211	64.888	64.211	63.760	64.211
17.2800	64.211	63.760	64.211	64.888	65.340	66.017	67.145	67.597	66.468	67.597
17.2900	67.145	67.597	68.725	69.402	69.854	70.531	71.659	71.659	72.788	73.916
17.3000	74.368	75.496	77.753	79.559	80.010	81.139	83.396	84.524	85.653	86.781
17.3100	87.910	89.038	91.295	94.229	95.358	96.938	98.518	100.775	102.580	104.837
17.3200	105.966	107.094	108.674	110.480	111.608	113.188	114.994	115.445	116.574	118.831
17.3300	120.636	121.765	124.022	125.602	127.407	128.987	131.244	132.373	133.501	135.081
17.3400	136.210	137.338	138.466	139.144	140.723	141.852	144.786	145.915	146.366	148.172
17.3500	149.751	150.880	152.686	153.137	154.265	154.265	156.071	156.071	156.522	157.200
17.3600	157.200	157.200	157.651	159.457	159.908	160.585	161.036	162.616	163.745	164.422
17.3700	164.422	163.745	163.745	164.422	163.294	163.745	163.294	162.165	162.616	162.616
17.3800	163.294	163.294	163.745	164.422	164.422	164.422	164.873	165.550	164.422	164.422
17.3900	163.294	163.294	163.294	163.294	162.165	162.165	163.294	162.616	161.488	162.165
17.4000	162.165	162.165	162.165	162.165	162.165	162.165	162.165	161.036	161.036	161.036
17.4100	159.908	158.779	157.200	158.328	157.200	156.071	154.943	155.394	154.265	153.814
17.4200	153.137	151.557	149.300	145.237	141.852	140.272	137.338	132.824	128.536	125.602
17.4300	123.345	119.959	117.251	115.445	113.865	111.608	109.803	108.223	105.966	104.160
17.4400	101.452	99.195	96.486	93.552	90.844	89.715	88.587	85.201	82.267	82.267
17.4500	80.687	79.559	78.882	77.753	76.173	75.496	75.045	73.239	71.659	70.531
17.4600	69.402	67.597	66.468	67.145	67.145	66.468	67.145	67.597	68.725	69.402
17.4700	68.274	68.274	69.402	70.531	70.531	72.788	74.368	75.045	76.173	77.302
17.4800	78.882	80.010	81.816	82.944	84.524	86.781	89.038	90.167	91.295	94.229
17.4900	96.486	98.066	100.323	101.903	103.709	104.837	107.546	108.674	109.803	112.060

TEST M2 FINAL TRANSIENT 2596 (1 ms Data) FM1L CC/S RECORD = 130

TIME	+ 0.0000	+ 0.0010	+ 0.0020	+ 0.0030	+ 0.0040	+ 0.0050	+ 0.0060	+ 0.0070	+ 0.0080	+ 0.0090
17.5000	113.188	114.994	116.574	117.702	118.831	120.636	122.893	122.216	122.893	124.473
17.5100	126.730	127.407	127.859	128.987	129.438	130.116	130.116	130.567	131.695	132.373
17.5200	132.824	132.373	133.952	135.081	135.758	136.210	136.887	136.887	136.887	138.015
17.5300	138.466	139.144	140.272	141.401	141.852	142.980	144.109	144.786	144.109	145.915
17.5400	145.915	145.915	146.366	147.043	147.043	148.172	148.623	149.300	149.300	149.751
17.5500	150.429	150.880	151.557	152.008	151.557	151.557	152.686	152.008	152.008	152.008
17.5600	151.557	150.880	150.880	151.557	150.429	150.429	150.429	150.880	150.880	150.880
17.5700	149.300	147.494	147.494	148.172	147.494	147.494	148.172	148.172	148.172	148.172
17.5800	148.623	148.623	148.172	147.494	147.494	147.043	147.494	147.043	145.915	146.366
17.5900	146.366	145.915	145.915	145.237	144.786	144.109	144.786	144.109	143.658	143.658
17.6000	143.658	144.109	144.109	144.109	143.658	143.658	144.109	142.980	142.529	141.401
17.6100	141.401	140.723	140.723	141.401	141.401	141.852	141.401	141.852	141.852	142.529
17.6200	141.852	140.723	141.401	141.852	141.401	141.401	140.723	140.723	140.723	141.401
17.6300	141.401	140.723	141.401	141.401	141.401	140.723	141.401	141.401	140.272	140.723
17.6400	140.723	140.723	140.723	139.595	138.466	138.466	138.466	137.338	136.210	136.210
17.6500	136.210	136.210	136.210	135.758	134.630	133.501	133.501	132.373	131.244	130.567
17.6600	129.438	129.438	130.116	132.373	132.824	133.501	133.952	134.630	134.630	134.630
17.6700	134.630	133.952	133.952	134.630	134.630	135.081	135.081	135.081	135.758	136.210
17.6800	137.338	137.338	138.466	139.144	139.595	140.272	140.723	140.723	140.272	141.401
17.6900	141.401	141.401	141.852	141.852	141.401	142.529	144.109	144.786	144.786	146.366
17.7000	147.043	147.494	148.623	149.300	149.300	149.751	150.880	150.880	151.557	151.557
17.7100	151.557	151.557	152.008	153.814	153.814	154.265	154.943	156.071	157.200	158.328
17.7200	158.328	158.328	158.779	159.457	158.779	159.457	159.457	158.779	158.779	159.908
17.7300	160.585	160.585	160.585	161.488	162.165	162.616	163.294	163.294	162.616	163.294
17.7400	163.294	162.616	162.616	162.165	161.488	162.165	162.616	162.616	162.165	162.616
17.7500	163.294	163.745	164.422	164.422	163.745	163.745	164.422	163.745	163.745	163.294
17.7600	162.616	162.165	162.165	162.616	162.165	162.165	161.488	162.165	162.616	163.294
17.7700	162.616	162.165	162.165	162.616	162.165	161.488	161.488	160.585	160.585	160.585
17.7800	160.585	159.457	159.908	159.908	159.908	159.908	160.585	160.585	159.457	159.908
17.7900	159.908	159.457	159.457	158.779	157.651	157.651	158.328	157.651	157.200	157.651
17.8000	157.651	157.651	157.651	158.328	157.651	157.651	157.651	157.651	157.651	157.200
17.8100	156.522	156.071	156.071	156.522	156.071	156.071	155.394	156.071	156.522	157.200
17.8200	156.522	156.071	156.522	157.200	156.071	156.522	156.071	154.943	154.943	155.394
17.8300	155.394	155.394	155.394	156.071	156.071	156.522	156.522	156.522	156.071	156.522
17.8400	156.522	156.522	156.071	156.071	154.943	155.394	156.071	156.071	155.394	156.071
17.8500	156.522	156.522	157.200	157.200	156.522	156.522	157.200	157.200	157.200	156.522
17.8600	156.522	156.071	156.522	157.200	156.522	156.522	157.200	157.651	158.328	158.779
17.8700	158.779	157.651	158.328	158.779	157.651	158.328	157.651	157.651	157.651	158.779
17.8800	158.779	158.328	158.779	159.457	159.457	159.908	160.585	160.585	159.908	160.585
17.8900	160.585	160.585	159.908	159.457	158.779	159.457	160.585	160.585	160.585	161.036
17.9000	161.036	161.488	162.165	162.165	161.488	161.036	161.488	161.036	161.036	161.036
17.9100	160.585	160.585	160.585	161.488	161.036	161.488	161.488	162.165	162.616	163.294
17.9200	162.616	162.165	162.165	162.165	161.488	161.488	161.488	161.036	161.036	161.488
17.9300	161.488	161.488	161.488	162.165	162.616	163.294	163.294	163.294	162.616	162.616
17.9400	162.616	162.165	162.165	161.488	160.585	161.036	162.165	161.488	161.036	161.488
17.9500	162.165	162.616	162.616	162.616	162.616	162.165	162.165	161.488	161.488	161.488
17.9600	161.036	160.585	160.585	161.036	161.036	161.036	161.036	161.488	162.165	162.616
17.9700	162.165	161.488	161.488	162.165	161.488	161.036	161.036	160.585	159.908	160.585
17.9800	160.585	160.585	160.585	161.036	161.036	161.488	162.165	162.165	161.036	161.488
17.9900	161.488	162.165	161.488	161.036	160.585	160.585	161.488	161.036	160.585	161.036

TEST M2 FINAL TRANSIENT 2596 (1 ms Data) FM1L CC/S RECORD = 131

TIME	+ 0.0000	+ 0.0010	+ 0.0020	+ 0.0030	+ 0.0040	+ 0.0050	+ 0.0060	+ 0.0070	+ 0.0080	+ 0.0090
18.0000	161.488	161.488	162.165	162.165	162.165	161.488	162.165	162.165	162.165	161.488
18.0100	161.036	160.585	161.036	161.488	161.036	161.036	161.036	161.488	161.488	162.616
18.0200	161.488	161.488	161.488	162.165	161.488	162.165	161.488	161.036	161.036	161.488
18.0300	161.036	160.585	161.036	161.488	161.488	161.488	162.165	162.165	161.488	162.165
18.0400	162.165	162.165	162.165	161.488	160.585	161.036	161.488	161.488	161.036	161.036
18.0500	161.488	162.165	162.165	162.165	161.488	161.488	162.165	162.165	162.165	161.488
18.0600	161.488	161.036	161.036	162.165	161.488	161.488	161.488	161.488	162.165	162.616
18.0700	162.165	161.488	162.165	162.616	161.488	162.165	162.165	161.036	161.488	161.488
18.0800	162.165	161.488	162.165	162.165	162.165	162.616	163.294	163.294	162.165	162.616
18.0900	162.616	162.616	162.616	162.165	161.488	161.488	162.616	162.616	162.616	163.294
18.1000	163.745	163.745	164.422	164.422	163.745	163.745	164.422	163.745	164.422	163.745
18.1100	163.745	163.294	163.294	164.422	163.745	163.745	164.422	164.873	164.873	165.550
18.1200	165.550	164.422	164.873	164.873	163.745	164.422	163.745	163.294	163.294	164.422
18.1300	164.422	164.422	164.873	164.873	165.550	166.002	166.002	166.002	164.873	165.550
18.1400	165.550	164.873	164.873	164.422	163.745	164.422	165.550	164.873	164.873	165.550
18.1500	166.002	166.002	166.679	166.679	166.002	166.002	166.679	166.002	166.002	165.550
18.1600	164.873	164.873	164.873	166.002	166.002	166.002	166.002	166.679	167.130	167.807
18.1700	167.807	166.679	167.130	167.807	166.679	166.679	166.679	166.002	166.002	166.679
18.1800	166.679	166.679	167.130	167.807	167.807	168.259	168.936	168.936	167.807	168.259
18.1900	168.259	168.259	167.807	167.130	166.679	167.130	167.807	167.130	167.130	167.807
18.2000	168.259	168.259	168.936	168.936	168.259	168.259	168.936	168.259	168.936	167.807
18.2100	167.807	167.130	167.130	167.807	167.807	167.807	167.807	168.259	168.936	169.387
18.2200	168.936	168.259	168.936	168.936	168.259	168.936	168.259	167.807	167.130	167.807
18.2300	168.259	167.130	167.807	168.259	168.259	168.936	169.387	169.387	168.936	169.387
18.2400	169.387	169.387	169.387	168.936	168.259	168.259	168.936	168.936	168.259	168.936
18.2500	168.936	169.387	169.387	170.064	169.387	169.387	170.064	170.064	169.387	169.387
18.2600	168.936	168.259	168.259	169.387	168.936	168.259	168.259	168.936	168.936	169.387
18.2700	169.387	168.259	168.936	169.387	168.936	168.936	168.259	167.807	167.807	167.807
18.2800	167.807	167.807	167.807	167.807	167.807	168.259	168.936	168.936	167.807	168.259
18.2900	168.259	167.807	167.807	167.130	166.679	167.130	167.807	167.130	166.679	167.807
18.3000	167.807	167.807	168.259	168.259	167.807	167.807	167.807	167.807	167.807	167.130
18.3100	166.679	166.002	166.679	167.130	167.130	167.130	167.130	167.807	167.807	168.259
18.3200	168.259	167.130	167.807	168.259	167.807	167.807	167.130	166.679	166.679	167.807
18.3300	167.807	167.130	167.807	168.259	168.259	168.936	169.387	168.936	168.259	168.936
18.3400	168.936	168.259	167.807	167.807	167.130	167.130	168.259	168.259	167.807	168.259
18.3500	168.936	169.387	169.387	169.387	168.936	168.936	169.387	168.936	168.936	168.259
18.3600	167.807	167.130	167.807	168.259	167.807	167.807	168.259	168.936	168.936	169.387
18.3700	169.387	168.259	168.259	168.936	167.807	168.259	167.807	167.130	166.679	167.807
18.3800	167.807	167.130	167.807	168.259	168.259	168.936	169.387	168.936	168.259	168.936
18.3900	168.936	168.259	168.259	167.807	167.130	167.130	168.259	167.807	167.807	167.807
18.4000	168.259	168.936	169.387	169.387	168.936	168.936	169.387	168.936	168.936	168.259
18.4100	167.807	167.807	167.807	168.259	167.807	168.259	167.807	168.936	168.936	169.387
18.4200	169.387	168.936	169.387	170.064	169.387	169.387	168.936	168.259	167.807	168.259
18.4300	168.936	168.259	168.259	168.936	168.936	169.387	170.064	170.064	168.936	170.064
18.4400	170.064	169.387	169.387	168.936	168.259	168.259	169.387	168.259	168.259	168.936
18.4500	168.936	169.387	170.064	169.387	169.387	169.387	170.064	169.387	169.387	168.936
18.4600	168.936	168.259	168.259	168.936	168.936	168.259	168.259	168.936	169.387	170.064
18.4700	169.387	168.936	169.387	170.064	168.936	169.387	168.936	168.259	168.259	168.936
18.4800	168.936	168.259	168.936	168.936	169.387	169.387	170.064	170.064	168.936	169.387
18.4900	170.064	169.387	168.936	168.936	168.259	168.259	168.936	168.936	168.936	168.936

TEST M2 FINAL TRANSIENT 2596 (1 ms Data) FM1L CC/S RECORD = 132

TIME	+ 0.0000	+ 0.0010	+ 0.0020	+ 0.0030	+ 0.0040	+ 0.0050	+ 0.0060	+ 0.0070	+ 0.0080	+ 0.0090
18.5000	169.387	169.387	170.064	170.064	169.387	169.387	170.064	169.387	169.387	168.936
18.5100	168.259	167.807	167.807	168.936	168.936	168.936	168.936	169.387	169.387	170.064
18.5200	169.387	168.936	169.387	169.387	168.936	169.387	168.936	167.807	168.259	168.936
18.5300	168.936	168.259	168.936	169.387	169.387	170.064	170.064	170.064	168.936	169.387
18.5400	169.387	168.936	168.936	168.259	167.807	168.259	168.936	168.936	168.259	169.387
18.5500	169.387	169.387	170.516	170.064	170.064	169.387	170.064	169.387	169.387	168.259
18.5600	168.259	167.807	167.807	168.936	168.259	168.936	168.936	169.387	170.064	170.516
18.5700	170.064	169.387	169.387	170.064	168.936	168.936	168.259	167.807	167.807	168.259
18.5800	168.936	168.259	168.936	168.936	169.387	170.064	170.064	170.064	168.936	169.387
18.5900	169.387	169.387	168.936	168.259	167.807	168.259	169.387	168.936	168.259	169.387
18.6000	169.387	170.064	170.064	170.064	170.064	169.387	170.064	169.387	169.387	169.387
18.6100	168.936	168.259	168.259	169.387	168.936	168.936	168.936	169.387	170.064	170.516
18.6200	170.064	169.387	170.064	170.064	169.387	169.387	168.936	168.259	168.936	168.936
18.6300	168.936	168.936	168.936	169.387	169.387	170.064	170.516	170.064	169.387	170.064
18.6400	170.064	170.064	169.387	169.387	168.259	168.936	169.387	168.936	168.936	169.387
18.6500	169.387	170.064	170.516	170.516	170.064	170.064	170.516	170.064	170.064	169.387
18.6600	168.936	168.936	168.259	169.387	168.936	168.936	168.936	169.387	170.064	170.516
18.6700	170.516	170.064	170.064	170.516	170.064	170.064	170.064	169.387	168.936	169.387
18.6800	169.387	168.936	168.936	169.387	170.064	170.064	170.516	170.516	170.064	170.516
18.6900	170.516	170.064	170.064	169.387	168.936	168.936	170.064	169.387	168.936	169.387
18.7000	169.387	170.064	170.516	170.064	170.064	170.064	170.516	170.064	170.064	169.387
18.7100	169.387	168.259	168.936	169.387	168.936	168.936	168.936	169.387	169.387	170.516
18.7200	170.064	169.387	170.064	170.064	169.387	169.387	168.936	168.936	168.259	168.936
18.7300	169.387	168.936	168.936	169.387	169.387	170.064	170.064	170.064	168.936	170.064
18.7400	170.064	170.064	169.387	168.936	168.259	168.936	169.387	169.387	168.936	169.387
18.7500	169.387	169.387	170.064	170.064	169.387	169.387	170.064	169.387	169.387	169.387
18.7600	168.936	168.259	168.259	169.387	169.387	168.936	168.936	169.387	170.064	170.064
18.7700	170.064	168.936	169.387	170.064	169.387	169.387	168.936	168.259	168.936	168.936
18.7800	169.387	168.936	169.387	169.387	170.064	170.064	170.064	170.064	169.387	170.064
18.7900	170.064	169.387	169.387	168.936	168.259	168.936	170.064	169.387	168.936	169.387
18.8000	170.064	170.064	170.516	170.064	170.064	170.064	170.064	169.387	169.387	169.387
18.8100	168.936	168.259	168.936	169.387	168.936	169.387	169.387	170.064	170.064	170.516
18.8200	170.064	169.387	170.064	170.064	169.387	169.387	168.936	168.259	168.259	168.936
18.8300	169.387	168.936	169.387	169.387	170.064	170.516	171.193	170.516	170.064	170.516
18.8400	170.064	170.064	170.064	169.387	168.259	168.936	169.387	169.387	168.936	169.387
18.8500	170.064	170.516	171.193	170.516	170.516	170.064	170.516	170.064	170.064	169.387
18.8600	169.387	168.936	168.936	169.387	169.387	169.387	169.387	170.064	170.516	171.193
18.8700	170.516	170.064	170.064	170.516	169.387	170.064	169.387	168.936	168.936	168.936
18.8800	169.387	168.936	169.387	169.387	170.064	170.064	170.516	170.516	170.064	170.516
18.8900	170.064	170.064	169.387	169.387	168.259	168.936	170.064	169.387	168.936	169.387
18.9000	170.064	170.064	170.516	170.516	170.064	170.064	170.064	170.064	170.064	170.064
18.9100	168.936	168.259	168.936	169.387	168.936	169.387	169.387	170.064	170.064	170.516
18.9200	170.064	169.387	170.064	170.516	169.387	170.064	169.387	168.936	168.259	169.387
18.9300	169.387	168.936	169.387	169.387	170.064	170.064	170.516	170.516	169.387	170.064
18.9400	170.516	170.064	170.064	169.387	168.936	168.936	170.064	169.387	169.387	170.064
18.9500	170.064	170.064	170.064	170.516	170.064	170.064	170.516	170.064	170.516	169.387
18.9600	169.387	168.936	168.936	170.064	169.387	169.387	169.387	170.064	170.516	170.516
18.9700	170.516	169.387	170.064	170.516	170.064	170.064	169.387	168.936	168.936	169.387
18.9800	169.387	169.387	169.387	170.064	170.064	170.516	171.193	170.516	170.064	170.064
18.9900	170.064	170.064	170.064	169.387	168.259	168.936	170.064	169.387	169.387	170.064

TEST M2 FINAL TRANSIENT 2596 (1 ms Data) FM2L CC/S RECORD = 133

TIME	+ 0.0000	+ 0.0010	+ 0.0020	+ 0.0030	+ 0.0040	+ 0.0050	+ 0.0060	+ 0.0070	+ 0.0080	+ 0.0090
16.0000	304.713	304.713	305.709	305.709	307.204	307.204	308.200	308.200	309.694	309.694
16.0100	309.694	308.200	308.200	310.690	309.694	309.694	309.694	309.694	309.694	312.185
16.0200	310.690	310.690	310.690	312.185	312.185	312.185	313.181	312.185	312.185	312.185
16.0300	313.181	313.181	313.181	313.181	313.181	313.181	313.181	312.185	313.181	313.181
16.0400	313.181	313.181	313.181	313.181	310.690	309.694	310.690	310.690	309.694	310.690
16.0500	309.694	309.694	309.694	309.694	309.694	308.200	309.694	309.694	308.200	308.200
16.0600	308.200	307.204	307.204	308.200	307.204	307.204	307.204	307.204	307.204	308.200
16.0700	307.204	307.204	307.204	307.204	307.204	307.204	305.709	305.709	305.709	304.713
16.0800	304.713	303.219	303.219	304.713	303.219	303.219	303.219	303.219	303.219	303.219
16.0900	304.713	303.219	303.219	303.219	300.728	300.728	300.728	300.728	300.728	300.728
16.1000	299.732	299.732	300.728	300.728	300.728	302.223	302.223	302.223	302.223	302.223
16.1100	300.728	300.728	299.732	299.732	300.728	299.732	299.732	299.732	300.728	302.223
16.1200	300.728	300.728	302.223	302.223	303.219	303.219	303.219	303.219	302.223	303.219
16.1300	303.219	303.219	303.219	304.713	304.713	304.713	305.709	307.204	307.204	307.204
16.1400	308.200	308.200	309.694	309.694	308.200	308.200	309.694	309.694	309.694	309.694
16.1500	309.694	309.694	310.690	310.690	312.185	312.185	313.181	313.181	314.675	314.675
16.1600	314.675	313.181	313.181	314.675	314.675	314.675	314.675	314.675	315.671	315.671
16.1700	315.671	315.671	317.166	318.162	318.162	318.162	318.162	318.162	317.166	318.162
16.1800	319.656	318.162	318.162	318.162	318.162	318.162	319.656	319.656	318.162	319.656
16.1900	319.656	319.656	320.652	319.656	319.656	319.656	320.652	320.652	320.652	320.652
16.2000	320.652	320.652	322.147	323.143	323.143	322.147	324.637	324.637	323.143	324.637
16.2100	325.633	325.633	324.637	327.128	327.128	327.128	327.128	327.128	328.124	329.618
16.2200	328.124	329.618	329.618	329.618	330.614	330.614	330.614	330.614	329.618	330.614
16.2300	330.614	330.614	330.614	330.614	330.614	330.614	330.614	330.614	330.614	330.614
16.2400	330.614	330.614	330.614	329.618	328.124	328.124	328.124	328.124	327.128	327.128
16.2500	325.633	325.633	327.128	325.633	325.633	324.637	324.637	324.637	323.143	322.147
16.2600	322.147	319.656	318.162	320.652	318.162	318.162	317.166	317.166	315.671	317.166
16.2700	315.671	314.675	314.675	314.675	313.181	312.185	310.690	309.694	308.200	307.204
16.2800	307.204	305.709	305.709	304.713	304.713	304.713	304.713	303.219	302.223	303.219
16.2900	303.219	302.223	302.223	300.728	298.736	297.242	298.736	297.242	296.246	296.246
16.3000	294.751	294.751	294.751	293.755	293.755	292.261	293.755	293.755	292.261	291.264
16.3100	289.770	288.774	287.280	288.774	287.280	286.284	286.284	284.789	284.789	286.284
16.3200	286.284	284.789	286.284	286.284	286.284	286.284	284.789	284.789	282.299	283.793
16.3300	283.793	282.299	282.299	281.303	281.303	282.299	283.793	282.299	282.299	282.299
16.3400	283.793	283.793	283.793	283.793	282.299	282.299	283.793	282.299	283.793	282.299
16.3500	283.793	283.793	284.789	284.789	284.789	284.789	286.284	286.284	286.284	287.280
16.3600	287.280	286.284	286.284	288.774	287.280	287.280	288.774	287.280	288.774	289.770
16.3700	289.770	289.770	291.264	292.261	292.261	292.261	292.261	292.261	292.261	292.261
16.3800	294.751	293.755	292.261	293.755	293.755	293.755	294.751	293.755	293.755	293.755
16.3900	294.751	294.751	294.751	294.751	293.755	292.261	293.755	293.755	292.261	293.755
16.4000	292.261	292.261	293.755	293.755	293.755	292.261	293.755	293.755	293.755	293.755
16.4100	293.755	292.261	292.261	292.261	293.755	292.261	292.261	292.261	292.261	293.755
16.4200	293.755	293.755	293.755	294.751	293.755	294.751	294.751	293.755	293.755	293.755
16.4300	294.751	293.755	293.755	293.755	294.751	294.751	294.751	294.751	294.751	296.246
16.4400	296.246	296.246	296.246	297.242	294.751	294.751	296.246	296.246	296.246	294.751
16.4500	294.751	296.246	296.246	297.242	297.242	297.242	297.242	298.736	297.242	298.736
16.4600	297.242	296.246	297.242	297.242	297.242	297.242	297.242	296.246	297.242	297.242
16.4700	297.242	297.242	297.242	297.242	297.242	297.242	296.246	296.246	293.755	293.755
16.4800	293.755	293.755	293.755	292.261	291.264	292.261	292.261	292.261	291.264	291.264
16.4900	291.264	291.264	291.264	289.770	288.774	287.280	287.280	287.280	286.284	286.284

TEST M2 FINAL TRANSIENT 2596 (1 ms Data) FM2L CC/S RECORD = 134

TIME	+ 0.0000	+ 0.0010	+ 0.0020	+ 0.0030	+ 0.0040	+ 0.0050	+ 0.0060	+ 0.0070	+ 0.0080	+ 0.0090
16.5000	284.789	284.789	286.284	284.789	284.789	283.793	283.793	284.789	283.793	283.793
16.5100	282.299	281.303	281.303	282.299	282.299	281.303	281.303	281.303	282.299	283.793
16.5200	282.299	282.299	283.793	283.793	284.789	286.284	286.284	286.284	284.789	286.284
16.5300	287.280	287.280	288.774	288.774	289.770	291.264	291.264	292.261	292.261	293.755
16.5400	293.755	294.751	294.751	294.751	293.755	293.755	294.751	294.751	294.751	294.751
16.5500	294.751	294.751	296.246	296.246	296.246	296.246	297.242	297.242	297.242	297.242
16.5600	297.242	296.246	294.751	297.242	296.246	296.246	296.246	296.246	296.246	297.242
16.5700	296.246	297.242	297.242	297.242	298.736	298.736	298.736	298.736	297.242	297.242
16.5800	298.736	296.246	297.242	297.242	296.246	296.246	297.242	296.246	296.246	296.246
16.5900	296.246	296.246	294.751	293.755	292.261	291.264	291.264	291.264	289.770	288.774
16.6000	287.280	287.280	287.280	286.284	286.284	286.284	286.284	284.789	283.793	282.299
16.6100	281.303	279.808	277.318	278.812	277.318	276.322	274.827	273.831	273.831	273.831
16.6200	272.337	272.337	271.341	271.341	269.846	269.846	268.850	267.356	266.360	264.865
16.6300	266.360	264.865	264.865	262.375	262.375	263.869	263.869	263.869	262.375	262.375
16.6400	262.375	262.375	261.379	261.379	259.884	258.888	259.884	259.884	257.394	257.394
16.6500	257.394	257.394	258.888	257.394	258.888	257.394	257.394	257.394	257.394	257.394
16.6600	256.397	254.903	254.903	254.903	254.903	253.907	253.907	252.413	252.413	253.907
16.6700	252.413	252.413	252.413	252.413	253.907	252.413	251.417	251.417	248.926	249.922
16.6800	248.926	248.926	248.926	247.930	247.930	247.930	247.930	246.436	245.439	246.436
16.6900	246.436	246.436	246.436	246.436	245.439	243.945	245.439	245.439	243.945	243.945
16.7000	243.945	243.945	243.945	245.439	245.439	243.945	246.436	246.436	246.436	247.930
16.7100	247.930	247.930	247.930	249.922	248.926	248.926	249.922	249.922	249.922	251.417
16.7200	251.417	251.417	252.413	253.907	253.907	254.903	254.903	254.903	254.903	256.397
16.7300	256.397	256.397	256.397	256.397	257.394	257.394	258.888	258.888	258.888	258.888
16.7400	259.884	259.884	261.379	262.375	261.379	261.379	262.375	262.375	262.375	261.379
16.7500	262.375	262.375	263.869	264.865	264.865	264.865	266.360	266.360	267.356	267.356
16.7600	267.356	267.356	267.356	269.846	269.846	268.850	269.846	269.846	271.341	272.337
16.7700	272.337	272.337	273.831	273.831	273.831	273.831	273.831	273.831	273.831	274.827
16.7800	276.322	276.322	276.322	276.322	276.322	277.318	277.318	278.812	278.812	278.812
16.7900	281.303	281.303	281.303	281.303	281.303	282.299	283.793	283.793	286.284	286.284
16.8000	287.280	288.774	291.264	292.261	293.755	293.755	294.751	296.246	297.242	298.736
16.8100	298.736	298.736	298.736	300.728	300.728	302.223	302.223	303.219	304.713	307.204
16.8200	308.200	308.200	308.200	309.694	309.694	309.694	310.690	310.690	310.690	310.690
16.8300	313.181	312.185	313.181	313.181	313.181	315.671	317.166	317.166	317.166	318.162
16.8400	319.656	319.656	319.656	319.656	318.162	317.166	318.162	317.166	315.671	315.671
16.8500	315.671	315.671	317.166	317.166	315.671	315.671	317.166	315.671	315.671	314.675
16.8600	314.675	313.181	312.185	313.181	312.185	310.690	310.690	309.694	309.694	310.690
16.8700	309.694	309.694	308.200	309.694	308.200	307.204	307.204	305.709	305.709	304.713
16.8800	305.709	304.713	303.219	302.223	302.223	302.223	302.223	302.223	300.728	302.223
16.8900	302.223	302.223	302.223	302.223	300.728	300.728	300.728	300.728	299.732	299.732
16.9000	299.732	299.732	299.732	299.732	299.732	299.732	300.728	300.728	300.728	300.728
16.9100	300.728	299.732	299.732	299.732	299.732	299.732	299.732	299.732	299.732	300.728
16.9200	299.732	299.732	299.732	300.728	299.732	299.732	299.732	299.732	298.736	297.242
16.9300	298.736	297.242	296.246	296.246	296.246	296.246	296.246	293.755	293.755	293.755
16.9400	293.755	292.261	292.261	291.264	289.770	289.770	288.774	288.774	287.280	287.280
16.9500	286.284	286.284	286.284	286.284	286.284	284.789	284.789	284.789	284.789	284.789
16.9600	283.793	282.299	281.303	282.299	281.303	279.808	279.808	278.812	278.812	279.808
16.9700	278.812	278.812	277.318	277.318	278.812	277.318	277.318	276.322	274.827	276.322
16.9800	276.322	276.322	276.322	276.322	276.322	276.322	277.318	276.322	276.322	276.322
16.9900	277.318	277.318	277.318	277.318	276.322	276.322	276.322	276.322	276.322	276.322

TEST M2 FINAL TRANSIENT 2596 (1 ms Data) FM2L CC/S RECORD = 135

TIME	+ 0.0000	+ 0.0010	+ 0.0020	+ 0.0030	+ 0.0040	+ 0.0050	+ 0.0060	+ 0.0070	+ 0.0080	+ 0.0090
17.0000	277.318	277.318	278.812	278.812	278.812	278.812	279.808	279.808	281.303	281.303
17.0100	281.303	281.303	281.303	282.299	282.299	282.299	282.299	283.793	284.789	286.284
17.0200	286.284	289.770	361.497	543.801	774.421	930.327	982.627	978.643	932.817	879.521
17.0300	842.661	823.733	833.695	835.190	808.790	776.912	752.007	744.535	784.383	859.597
17.0400	940.289	1016.000	1100.179	1179.377	1232.673	1300.913	1272.521	1241.639	1175.890	1143.514
17.0500	1135.046	1149.491	1146.004	1127.574	1075.274	1029.449	942.779	868.562	776.912	640.433
17.0600	477.056	508.934	503.953	619.512	777.908	915.384	1116.118	1190.833	1252.598	1246.122
17.0700	1227.693	1168.419	1163.438	1160.947	1235.164	1336.776	1390.073	1493.180	1578.355	1609.237
17.0800	1579.849	1548.469	1458.313	1308.385	1173.400	1013.510	866.072	711.163	516.406	358.010
17.0900	264.865	150.800	50.682	-15.067	-70.854	-115.185	-139.094	-142.581	-136.603	-132.619
17.1000	-112.695	-80.816	-47.444	-17.558	24.781	47.195	66.621	95.511	109.956	108.960
17.1100	112.447	108.960	96.507	83.059	68.116	47.195	29.762	12.329	-3.611	-15.067
17.1200	-17.558	-23.535	-31.006	-22.539	-15.067	-3.611	12.329	28.268	42.215	55.663
17.1300	71.602	80.568	86.545	91.526	96.507	103.979	106.469	112.447	119.918	128.884
17.1400	138.846	150.800	157.276	165.743	175.705	180.686	183.177	189.652	189.652	190.648
17.1500	193.139	193.139	194.633	197.124	192.143	190.648	188.158	183.177	182.181	179.690
17.1600	175.705	172.219	170.724	173.215	169.728	167.238	175.705	174.709	180.686	184.671
17.1700	184.671	199.116	201.607	198.120	208.082	210.572	206.588	220.534	220.534	213.063
17.1800	216.550	213.063	211.569	213.063	215.553	214.059	226.512	223.025	200.610	213.063
17.1900	233.983	223.025	223.025	232.987	225.515	223.025	225.515	213.063	208.082	211.569
17.2000	225.515	220.534	208.082	211.569	204.097	208.082	218.044	223.025	221.531	225.515
17.2100	226.512	226.512	256.397	262.375	249.922	261.379	259.884	262.375	284.789	278.812
17.2200	259.884	256.397	264.865	246.436	219.040	218.044	210.572	205.591	197.124	192.143
17.2300	185.667	179.690	180.686	182.181	188.158	197.124	200.610	210.572	219.040	223.025
17.2400	223.025	221.531	231.493	231.493	221.531	223.025	218.044	211.569	204.097	180.686
17.2500	163.253	173.215	175.705	153.291	143.827	162.257	165.743	160.762	164.747	174.709
17.2600	177.200	180.686	183.177	180.686	199.116	214.059	216.550	214.059	208.082	209.078
17.2700	213.063	214.059	223.025	235.477	220.534	203.101	198.120	193.139	188.158	190.648
17.2800	185.667	180.686	178.196	177.200	173.215	164.747	160.762	162.257	175.705	187.162
17.2900	199.116	218.044	213.063	198.120	206.588	220.534	216.550	206.588	209.078	210.572
17.3000	199.116	190.648	190.648	180.686	169.728	160.762	153.291	147.314	141.336	143.827
17.3100	139.842	129.880	123.903	122.409	119.918	121.412	126.393	127.390	124.899	127.390
17.3200	132.371	137.352	143.827	144.823	143.827	139.842	142.333	143.827	146.317	148.808
17.3300	144.823	138.846	134.861	132.371	137.352	141.336	136.355	132.371	128.884	133.865
17.3400	141.336	143.827	150.800	157.276	152.295	149.804	152.295	160.762	160.762	157.276
17.3500	159.766	165.743	168.234	168.234	168.234	164.747	157.276	154.785	155.291	150.800
17.3600	150.800	157.276	162.257	168.234	178.196	184.671	190.648	197.124	208.082	226.512
17.3700	231.493	242.949	249.922	261.379	267.356	266.360	278.812	286.284	289.770	286.284
17.3800	281.303	262.375	254.903	254.903	259.884	248.926	223.025	210.572	229.002	240.458
17.3900	241.455	225.515	225.515	223.025	215.553	203.101	199.116	198.120	199.116	201.607
17.4000	209.078	215.553	213.063	199.116	198.120	199.116	199.116	192.143	185.667	180.686
17.4100	178.196	177.200	175.705	177.200	177.200	192.143	231.493	262.375	262.375	249.922
17.4200	248.926	272.337	303.219	320.652	320.652	308.200	283.793	276.322	283.793	278.812
17.4300	266.360	246.436	235.477	233.983	231.493	218.044	203.101	180.686	159.766	157.276
17.4400	172.219	179.690	179.690	178.196	173.215	178.196	197.124	223.025	242.949	249.922
17.4500	259.884	266.360	268.850	262.375	254.903	251.417	246.436	231.493	232.987	231.493
17.4600	246.436	241.455	256.397	266.360	253.907	235.477	223.025	211.569	206.588	214.059
17.4700	225.515	240.458	248.926	252.413	240.458	223.025	216.550	220.534	229.002	230.496
17.4800	233.983	224.021	223.025	208.082	199.116	193.139	193.139	193.139	197.124	197.124
17.4900	197.124	179.690	178.196	167.238	170.724	162.257	153.291	149.804	127.390	122.409

TEST M2 FINAL TRANSIENT 2596 (1 ms Data) FM2L CC/S RECORD = 136

TIME	+ 0.0000	+ 0.0010	+ 0.0020	+ 0.0030	+ 0.0040	+ 0.0050	+ 0.0060	+ 0.0070	+ 0.0080	+ 0.0090
17.5000	117.428	119.918	119.918	96.507	90.530	102.485	152.295	182.181	195.629	189.652
17.5100	195.629	204.097	219.040	229.002	232.987	235.477	243.945	249.922	259.884	261.379
17.5200	276.322	276.322	271.341	245.439	224.021	205.591	205.591	201.607	201.607	205.591
17.5300	198.120	193.139	190.648	193.139	197.124	188.158	185.667	184.671	189.652	198.120
17.5400	205.591	206.588	203.101	195.629	184.671	180.686	182.181	184.671	187.162	187.162
17.5500	189.652	190.648	192.143	187.162	180.686	187.162	192.143	199.116	195.629	199.116
17.5600	210.572	219.040	229.002	240.458	251.417	237.968	218.044	200.610	197.124	197.124
17.5700	193.139	200.610	208.082	216.550	213.063	215.553	226.512	221.531	211.569	198.120
17.5800	190.648	197.124	199.116	203.101	206.588	209.078	214.059	218.044	219.040	219.040
17.5900	211.569	206.588	197.124	195.629	189.652	182.181	187.162	184.671	185.667	189.652
17.6000	189.652	194.633	189.652	177.200	170.724	169.728	177.200	179.690	183.177	190.648
17.6100	195.629	197.124	195.629	190.648	192.143	190.648	189.652	194.633	197.124	194.633
17.6200	192.143	180.686	183.177	204.097	210.572	200.610	213.063	209.078	206.588	210.572
17.6300	198.120	190.648	194.633	198.120	200.610	209.078	211.569	210.572	209.078	205.591
17.6400	200.610	199.116	195.629	197.124	195.629	201.607	233.983	249.922	240.458	231.493
17.6500	226.512	216.550	198.120	158.272	129.880	117.428	118.922	126.393	134.861	149.804
17.6600	162.257	162.257	147.314	126.393	109.956	106.469	109.956	109.956	111.450	119.918
17.6700	129.880	142.333	149.804	149.804	147.314	146.317	147.314	150.800	153.291	154.785
17.6800	150.800	142.333	138.846	137.352	137.352	136.355	131.374	126.393	122.409	122.409
17.6900	123.903	123.903	122.409	119.918	117.428	114.937	117.428	117.428	116.431	114.937
17.7000	113.941	112.447	113.941	113.941	112.447	109.956	109.956	108.960	106.469	101.488
17.7100	98.998	94.017	93.021	91.526	88.040	85.549	81.564	80.568	79.074	78.078
17.7200	75.587	73.097	71.602	71.602	71.602	70.606	69.112	68.116	68.116	68.116
17.7300	69.112	68.116	68.116	66.621	66.621	66.621	66.621	65.625	63.135	63.135
17.7400	64.131	64.131	66.621	68.116	68.116	69.112	73.097	76.583	78.078	83.059
17.7500	88.040	94.017	101.488	108.960	114.937	119.918	126.393	132.371	138.846	144.823
17.7600	150.800	155.781	159.766	164.747	167.238	170.724	174.709	179.690	182.181	184.671
17.7700	187.162	187.162	189.652	190.648	192.143	193.139	193.139	193.139	193.139	195.629
17.7800	197.124	197.124	199.116	200.610	203.101	205.591	209.078	214.059	216.550	220.534
17.7900	225.515	226.512	226.512	226.512	225.515	221.531	221.531	221.531	221.531	221.531
17.8000	223.025	225.515	228.006	229.002	232.987	236.474	240.458	241.455	242.949	241.455
17.8100	238.964	236.474	236.474	238.964	238.964	237.968	240.458	242.949	243.945	243.945
17.8200	241.455	238.964	236.474	235.477	233.983	231.493	229.002	226.512	223.025	221.531
17.8300	224.021	224.021	221.531	220.534	221.531	221.531	221.531	223.025	223.025	221.531
17.8400	218.044	215.553	220.534	225.515	221.531	221.531	225.515	221.531	219.040	218.044
17.8500	216.550	213.063	210.572	210.572	209.078	206.588	206.588	206.588	206.588	205.591
17.8600	205.591	206.588	206.588	208.082	206.588	206.588	205.591	203.101	203.101	204.097
17.8700	205.591	203.101	203.101	204.097	205.591	205.591	205.591	200.610	198.120	198.120
17.8800	199.116	198.120	195.629	192.143	193.139	195.629	197.124	194.633	193.139	193.139
17.8900	193.139	192.143	189.652	189.652	189.652	193.139	195.629	195.629	194.633	192.143
17.9000	192.143	190.648	190.648	189.652	188.158	185.667	184.671	185.667	188.158	192.143
17.9100	194.633	194.633	195.629	193.139	193.139	192.143	197.124	199.116	199.116	197.124
17.9200	195.629	195.629	198.120	198.120	198.120	197.124	194.633	194.633	197.124	199.116
17.9300	203.101	201.607	200.610	201.607	201.607	201.607	205.591	204.097	201.607	199.116
17.9400	198.120	198.120	200.610	201.607	198.120	199.116	200.610	204.097	203.101	201.607
17.9500	197.124	193.139	193.139	193.139	193.139	192.143	192.143	192.143	194.633	195.629
17.9600	199.116	200.610	200.610	204.097	201.607	201.607	203.101	201.607	199.116	197.124
17.9700	197.124	199.116	201.607	204.097	204.097	203.101	203.101	203.101	203.101	201.607
17.9800	200.610	200.610	204.097	209.078	210.572	211.569	210.572	209.078	206.588	205.591
17.9900	203.101	201.607	203.101	209.078	211.569	214.059	215.553	214.059	211.569	209.078

TEST M2 FINAL TRANSIENT 2596 (1 ms Data) FM2L CC/S RECORD = 137

TIME	+ 0.0000	+ 0.0010	+ 0.0020	+ 0.0030	+ 0.0040	+ 0.0050	+ 0.0060	+ 0.0070	+ 0.0080	+ 0.0090
18.0000	205.591	203.101	204.097	206.588	210.572	211.569	213.063	213.063	211.569	209.078
18.0100	206.588	204.097	201.607	201.607	200.610	198.120	195.629	194.633	199.116	205.591
18.0200	210.572	213.063	215.553	216.550	215.553	213.063	206.588	204.097	204.097	206.588
18.0300	206.588	206.588	205.591	204.097	201.607	200.610	199.116	201.607	204.097	210.572
18.0400	214.059	215.553	214.059	211.569	211.569	214.059	210.572	206.588	208.082	206.588
18.0500	204.097	208.082	213.063	213.063	213.063	214.059	215.553	211.569	210.572	208.082
18.0600	206.588	206.588	210.572	214.059	215.553	216.550	215.553	211.569	209.078	206.588
18.0700	204.097	206.588	209.078	211.569	213.063	213.063	210.572	208.082	206.588	206.588
18.0800	208.082	209.078	211.569	213.063	211.569	211.569	209.078	205.591	203.101	201.607
18.0900	200.610	199.116	201.607	204.097	203.101	199.116	215.553	208.082	204.097	200.610
18.1000	193.139	190.648	192.143	193.139	190.648	192.143	190.648	188.158	187.162	187.162
18.1100	189.652	190.648	193.139	197.124	200.610	201.607	200.610	198.120	195.629	193.139
18.1200	193.139	194.633	195.629	198.120	198.120	198.120	197.124	195.629	193.139	190.648
18.1300	190.648	189.652	188.158	187.162	185.667	185.667	185.667	185.667	187.162	187.162
18.1400	188.158	188.158	188.158	187.162	184.671	182.181	182.181	182.181	183.177	184.671
18.1500	184.671	185.667	188.158	188.158	187.162	184.671	183.177	182.181	179.690	178.196
18.1600	175.705	173.215	170.724	169.728	167.238	164.747	163.253	163.253	165.743	169.728
18.1700	172.219	173.215	175.705	178.196	178.196	177.200	175.705	174.709	174.709	174.709
18.1800	175.705	175.705	174.709	174.709	172.219	172.219	172.219	170.724	172.219	172.219
18.1900	173.215	173.215	174.709	173.215	172.219	170.724	169.728	169.728	169.728	169.728
18.2000	168.234	165.743	164.747	163.253	164.747	163.253	165.743	167.238	167.238	165.743
18.2100	163.253	159.766	155.781	154.785	150.800	148.809	148.808	149.804	152.295	152.295
18.2200	153.291	152.295	154.785	155.781	155.781	157.276	157.276	157.276	155.781	155.781
18.2300	154.785	152.295	149.804	147.314	144.823	144.823	142.333	142.333	142.333	144.823
18.2400	146.317	147.314	149.804	152.295	150.800	150.800	152.295	152.295	150.800	149.804
18.2500	150.800	150.800	152.295	153.291	153.291	153.291	154.785	153.291	152.295	148.808
18.2600	146.317	146.317	147.314	152.295	153.291	154.785	154.785	154.785	154.785	155.781
18.2700	154.785	155.781	157.276	159.766	162.257	162.257	162.257	159.766	158.272	158.272
18.2800	158.272	157.276	157.276	158.272	158.272	159.766	160.762	160.762	160.762	160.762
18.2900	162.257	160.762	162.257	162.257	160.762	160.762	160.762	159.766	158.272	157.276
18.3000	158.272	158.272	159.766	159.766	160.762	159.766	160.762	162.257	162.257	162.257
18.3100	160.762	158.272	157.276	157.276	155.781	155.781	155.781	155.781	155.781	155.781
18.3200	154.785	153.291	153.291	153.291	153.291	154.785	153.291	152.295	149.804	148.808
18.3300	148.808	148.808	148.808	148.808	148.808	147.314	147.314	146.317	144.823	146.317
18.3400	146.317	144.823	146.317	144.823	143.827	143.827	143.827	143.827	142.333	142.333
18.3500	141.336	141.336	142.333	142.333	142.333	141.336	141.336	142.333	142.333	142.333
18.3600	139.842	138.846	138.846	139.842	138.846	138.846	138.846	137.352	137.352	138.846
18.3700	138.846	138.846	138.846	141.336	141.336	141.336	139.842	138.846	137.352	138.846
18.3800	138.846	138.846	137.352	137.352	138.846	138.846	139.842	139.842	139.842	141.336
18.3900	141.336	141.336	141.336	142.333	142.333	142.333	143.827	143.827	143.827	142.333
18.4000	143.827	142.333	143.827	143.827	143.827	143.827	146.317	147.314	147.314	147.314
18.4100	147.314	146.317	144.823	146.317	146.317	146.317	146.317	146.317	147.314	148.808
18.4200	147.314	147.314	146.317	147.314	148.808	148.808	149.804	148.808	148.808	148.808
18.4300	148.808	148.808	148.808	149.804	149.804	149.804	149.804	149.804	148.808	149.804
18.4400	149.804	149.804	149.804	150.800	148.808	148.808	149.804	148.808	148.808	148.808
18.4500	148.808	148.808	149.804	149.804	149.804	148.808	150.800	150.800	152.295	152.295
18.4600	150.800	149.804	148.808	149.804	149.804	148.808	148.808	148.808	149.804	149.804
18.4700	149.804	149.804	149.804	150.800	150.800	150.800	150.800	150.800	149.804	149.804
18.4800	149.804	149.804	149.804	149.804	150.800	152.295	152.295	152.295	150.800	150.800
18.4900	150.800	152.295	152.295	152.295	152.295	152.295	152.295	152.295	150.800	150.800

TEST M2 FINAL TRANSIENT 2596 (1 ms Data) FM2L CC/S RECORD = 138

TIME	+ 0.0000	+ 0.0010	+ 0.0020	+ 0.0030	+ 0.0040	+ 0.0050	+ 0.0060	+ 0.0070	+ 0.0080	+ 0.0090
18.5000	149.804	150.800	152.295	152.295	152.295	152.295	153.291	154.785	154.785	154.785
18.5100	153.291	152.295	152.295	152.295	152.295	152.295	153.291	153.291	153.291	154.785
18.5200	155.781	154.785	154.785	154.785	153.291	153.291	153.291	153.291	153.291	153.291
18.5300	154.785	153.291	153.291	153.291	152.295	153.291	153.291	153.291	152.295	153.291
18.5400	153.291	153.291	153.291	153.291	152.295	152.295	152.295	152.295	150.800	149.804
18.5500	149.804	148.808	150.800	149.804	149.804	148.808	149.804	148.808	148.808	148.808
18.5600	147.314	146.317	146.317	147.314	144.823	143.827	143.827	142.333	142.333	143.827
18.5700	142.333	141.336	141.336	141.336	142.333	142.333	142.333	139.842	138.846	139.842
18.5800	138.846	138.846	137.352	136.355	136.355	136.355	136.355	134.861	134.861	136.355
18.5900	136.355	136.355	134.861	134.861	132.371	132.371	132.371	132.371	131.374	131.374
18.6000	129.880	128.884	129.880	128.884	128.884	127.390	128.884	128.884	127.390	127.390
18.6100	127.390	124.899	124.899	126.393	124.899	123.903	124.899	123.903	123.903	123.903
18.6200	123.903	122.409	122.409	123.903	123.903	124.899	123.903	123.903	122.409	122.409
18.6300	122.409	122.409	122.409	121.412	121.412	122.409	122.409	122.409	122.409	122.409
18.6400	123.903	122.409	122.409	122.409	121.412	119.918	121.412	119.918	119.918	119.918
18.6500	119.918	119.918	119.918	121.412	119.918	119.918	121.412	122.409	122.409	122.409
18.6600	122.409	121.412	122.409	123.903	122.409	122.409	122.409	122.409	122.409	124.899
18.6700	124.899	123.903	124.899	124.899	126.393	127.390	127.390	127.390	127.390	127.390
18.6800	127.390	127.390	127.390	127.390	128.884	129.880	131.374	131.374	131.374	132.371
18.6900	133.865	133.865	133.865	133.865	133.865	133.865	134.861	134.861	134.861	136.355
18.7000	136.355	137.352	138.846	138.846	139.842	139.842	141.336	142.333	142.333	143.827
18.7100	143.827	142.333	142.333	143.827	144.823	144.823	146.317	146.317	147.314	148.808
18.7200	148.808	148.808	149.804	150.800	152.295	153.291	153.291	153.291	154.785	155.781
18.7300	154.785	155.781	155.781	157.276	157.276	158.272	159.766	160.762	160.762	162.257
18.7400	163.253	164.747	164.747	164.747	164.747	164.747	165.743	167.238	167.238	167.238
18.7500	167.238	168.234	169.728	169.728	170.724	172.219	173.215	175.705	175.705	175.705
18.7600	175.705	175.705	174.709	177.200	177.200	178.196	178.196	178.196	179.690	180.686
18.7700	180.686	180.686	182.181	184.671	184.671	185.667	184.671	184.671	184.671	185.667
18.7800	187.162	185.667	187.162	187.162	187.162	188.158	188.158	188.158	189.652	189.652
18.7900	190.648	190.648	190.648	189.652	189.652	190.648	192.143	192.143	189.652	189.652
18.8000	189.652	189.652	190.648	190.648	190.648	190.648	190.648	190.648	192.143	193.139
18.8100	193.139	193.139	192.143	193.139	192.143	192.143	192.143	192.143	193.139	194.633
18.8200	193.139	193.139	193.139	193.139	194.633	195.629	195.629	193.139	193.139	194.633
18.8300	195.629	193.139	194.633	193.139	194.633	194.633	195.629	195.629	195.629	195.629
18.8400	197.124	195.629	197.124	197.124	195.629	195.629	198.120	198.120	198.120	197.124
18.8500	198.120	198.120	199.116	199.116	199.116	199.116	200.610	200.610	201.607	201.607
18.8600	201.607	201.607	201.607	203.101	203.101	203.101	204.097	204.097	205.591	206.588
18.8700	206.588	205.591	206.588	208.082	209.078	210.572	210.572	210.572	209.078	209.078
18.8800	211.569	210.572	211.569	211.569	213.063	213.063	214.059	213.063	213.063	214.059
18.8900	215.553	215.553	215.553	216.550	215.553	215.553	215.553	216.550	216.550	216.550
18.9000	216.550	216.550	218.044	218.044	219.040	219.040	219.040	220.534	220.534	220.534
18.9100	220.534	219.040	219.040	220.534	219.040	220.534	220.534	220.534	221.531	221.531
18.9200	221.531	221.531	223.025	224.021	224.021	224.021	223.025	224.021	223.025	223.025
18.9300	224.021	223.025	223.025	223.025	223.025	224.021	225.515	224.021	224.021	225.515
18.9400	226.512	226.512	226.512	226.512	225.515	225.515	226.512	226.512	225.515	224.021
18.9500	225.515	225.515	226.512	226.512	226.512	226.512	226.512	228.006	228.006	228.006
18.9600	228.006	226.512	226.512	228.006	226.512	226.512	226.512	226.512	228.006	229.002
18.9700	228.006	228.006	228.006	228.006	229.002	229.002	229.002	229.002	228.006	229.002
18.9800	229.002	228.006	228.006	228.006	228.006	229.002	229.002	229.002	229.002	230.496
18.9900	230.496	231.493	230.496	230.496	230.496	229.002	230.496	230.496	229.002	229.002

TEST M2 FINAL TRANSIENT 2596 (1 ms Data) FM3L CC/S RECORD = 139

TIME	+ 0.0000	+ 0.0010	+ 0.0020	+ 0.0030	+ 0.0040	+ 0.0050	+ 0.0060	+ 0.0070	+ 0.0080	+ 0.0090
16.0000	196.666	194.526	194.526	192.386	192.386	193.456	194.954	196.666	198.164	200.304
16.0100	200.946	202.444	203.086	203.086	202.016	201.374	199.876	197.736	196.666	196.024
16.0200	194.526	194.954	196.024	198.164	199.876	201.374	203.514	204.156	205.226	205.654
16.0300	205.226	204.584	203.086	201.374	199.876	199.234	198.164	197.094	198.164	199.234
16.0400	200.946	203.086	204.584	206.296	206.724	208.222	208.222	207.152	206.296	205.226
16.0500	203.514	202.016	200.946	199.234	199.234	200.304	202.016	203.514	204.584	206.724
16.0600	207.794	208.864	209.934	209.292	208.864	207.152	206.296	204.156	203.086	202.444
16.0700	200.304	200.946	202.444	204.156	205.654	207.152	208.864	209.292	211.004	211.004
16.0800	210.362	209.292	208.222	206.724	204.584	204.156	202.444	201.374	202.444	203.514
16.0900	205.226	206.724	208.864	209.934	210.362	212.074	211.432	211.432	209.934	208.864
16.1000	207.152	205.226	205.226	203.086	203.086	204.156	205.654	207.152	208.864	211.004
16.1100	211.004	212.502	213.572	213.144	212.074	211.432	209.292	208.222	206.724	206.296
16.1200	204.584	205.226	206.296	207.794	209.292	211.004	212.502	213.144	214.642	214.642
16.1300	214.214	213.572	212.502	211.004	208.864	208.222	206.724	206.296	206.724	208.222
16.1400	209.292	211.432	213.144	214.214	214.642	216.354	215.712	215.712	213.572	212.502
16.1500	211.004	208.864	207.794	206.296	206.296	207.152	208.222	209.934	211.432	213.144
16.1600	213.572	214.642	215.284	215.284	213.572	213.144	211.432	208.864	208.222	207.152
16.1700	205.226	205.654	207.152	208.864	210.362	211.432	213.144	213.572	215.284	215.284
16.1800	214.642	213.572	212.502	210.362	208.222	207.794	206.296	205.226	206.296	207.152
16.1900	208.864	210.362	212.074	213.144	213.572	214.642	214.642	213.572	212.502	211.004
16.2000	209.292	207.152	206.724	204.584	204.584	205.226	206.724	207.794	209.292	211.004
16.2100	211.432	212.502	213.144	212.502	211.004	209.934	208.222	205.654	204.584	203.514
16.2200	201.374	202.016	203.086	204.584	205.654	207.152	208.864	208.864	210.362	210.362
16.2300	209.934	208.222	207.794	205.226	203.086	202.444	200.946	199.876	200.304	201.374
16.2400	203.086	204.584	206.724	207.152	207.794	208.864	208.864	208.222	207.152	205.226
16.2500	203.514	201.374	200.946	198.806	198.806	199.234	200.946	202.016	204.156	205.226
16.2600	205.654	206.724	207.152	206.724	205.654	204.584	203.086	200.304	199.234	198.164
16.2700	196.666	196.666	197.736	198.806	200.304	202.016	203.086	203.514	205.226	205.226
16.2800	204.584	203.514	202.444	200.304	198.164	197.736	196.024	194.954	195.596	196.666
16.2900	198.164	199.876	202.016	202.444	203.086	204.584	204.584	203.514	202.444	201.374
16.3000	199.876	197.736	197.736	195.596	195.596	196.666	198.806	199.876	201.374	203.086
16.3100	204.156	205.226	206.296	205.654	204.584	203.514	202.444	200.304	199.234	198.806
16.3200	197.094	197.736	198.164	200.304	201.374	203.086	204.584	205.226	206.724	206.724
16.3300	205.654	204.584	203.086	201.374	199.234	198.806	197.094	196.024	196.666	197.736
16.3400	199.234	200.946	202.444	203.086	203.514	205.226	204.584	203.514	202.444	200.946
16.3500	198.806	197.094	196.024	194.526	194.098	194.954	196.024	197.736	199.234	200.946
16.3600	201.374	202.444	203.086	202.444	201.374	200.304	198.164	196.024	194.954	194.098
16.3700	192.386	193.028	194.098	196.024	197.094	198.806	200.304	200.946	202.016	202.444
16.3800	202.016	200.304	199.234	197.736	195.596	194.526	193.456	192.386	193.028	194.526
16.3900	195.596	197.736	199.234	199.876	200.946	201.374	201.374	200.304	199.234	197.736
16.4000	195.596	193.456	193.028	190.888	190.888	191.958	193.028	194.526	196.024	198.164
16.4100	198.164	199.234	200.304	199.876	198.806	197.736	196.666	194.526	193.456	193.028
16.4200	190.888	191.958	193.028	194.954	196.666	198.164	199.876	200.304	202.016	202.444
16.4300	202.016	200.946	200.304	198.164	196.666	196.024	194.526	194.098	194.954	196.666
16.4400	197.736	199.876	201.374	202.444	203.514	205.226	205.226	204.584	203.514	202.016
16.4500	200.304	198.806	198.164	196.666	196.666	197.094	198.806	200.304	202.444	204.156
16.4600	205.226	206.296	206.724	206.724	206.296	204.584	203.514	201.374	200.304	199.234
16.4700	197.736	198.806	199.876	201.374	203.086	204.584	206.296	206.724	208.222	208.864
16.4800	208.222	206.724	206.296	204.584	202.444	202.016	200.946	199.876	200.304	202.016
16.4900	203.514	205.226	206.724	208.222	208.864	209.934	209.934	208.864	207.794	206.296

TEST M2 FINAL TRANSIENT 2596 (1 ms Data) FM3L CC/S RECORD = 140

TIME	+ 0.0000	+ 0.0010	+ 0.0020	+ 0.0030	+ 0.0040	+ 0.0050	+ 0.0060	+ 0.0070	+ 0.0080	+ 0.0090
16.5000	204.584	203.086	202.016	200.304	200.304	200.946	202.444	204.156	205.226	207.152
16.5100	207.152	208.222	209.292	208.864	207.794	206.724	204.584	202.444	201.374	200.304
16.5200	198.164	198.806	199.876	201.374	202.444	204.156	205.226	205.654	206.724	207.152
16.5300	206.724	205.226	204.156	202.016	199.876	199.234	197.736	196.024	197.094	198.164
16.5400	199.876	201.374	203.086	204.156	204.156	205.226	205.654	204.156	203.086	201.374
16.5500	199.234	197.736	196.666	194.954	194.526	195.596	196.666	198.164	199.876	201.374
16.5600	201.374	202.444	203.514	203.086	201.374	200.946	198.806	196.666	195.596	194.526
16.5700	193.028	193.028	194.098	195.596	197.094	198.806	200.304	200.304	202.444	202.444
16.5800	202.016	201.374	200.304	198.806	196.666	196.024	194.954	194.098	194.954	197.094
16.5900	198.164	200.304	202.016	203.086	204.156	205.226	205.226	204.584	203.514	202.444
16.6000	200.946	198.806	198.806	196.666	196.666	197.736	199.234	200.304	202.444	204.156
16.6100	204.584	205.654	206.724	206.296	205.226	204.156	202.444	200.946	199.876	198.806
16.6200	197.094	197.736	198.806	200.304	202.444	204.156	205.226	205.654	207.152	207.794
16.6300	207.152	206.296	205.654	203.514	202.016	201.374	200.304	199.234	200.304	201.374
16.6400	203.086	205.226	207.152	207.794	208.864	210.362	210.362	209.934	208.864	207.794
16.6500	206.296	204.584	204.156	202.444	202.444	203.514	205.226	206.724	208.222	210.362
16.6600	211.004	212.074	212.502	212.502	211.432	210.362	208.864	206.724	206.296	205.226
16.6700	203.514	204.156	204.584	206.724	208.222	209.934	211.432	212.074	213.144	213.572
16.6800	213.144	212.074	211.004	209.292	207.152	206.724	205.226	204.584	205.654	206.724
16.6900	208.864	209.934	212.502	213.144	213.572	215.284	215.284	214.642	213.572	212.074
16.7000	210.362	208.864	208.222	206.724	206.296	207.152	208.864	210.362	212.074	213.572
16.7100	213.572	214.642	215.712	215.284	214.214	212.502	211.004	208.222	207.152	206.296
16.7200	204.584	204.584	205.654	207.152	208.864	209.934	211.004	211.432	213.144	212.502
16.7300	212.074	210.362	209.292	207.794	205.654	204.584	203.086	202.016	202.444	204.156
16.7400	205.226	206.724	208.222	208.864	209.934	211.004	210.362	209.292	208.222	206.724
16.7500	204.584	203.086	202.016	199.876	199.876	200.304	201.374	203.086	204.584	206.296
16.7600	206.724	207.152	208.222	207.794	206.724	205.654	203.514	201.374	200.304	199.234
16.7700	197.736	198.164	199.234	200.946	202.016	204.156	205.226	205.654	206.724	206.724
16.7800	206.724	205.654	204.584	202.444	200.304	199.876	198.164	197.736	198.164	199.876
16.7900	200.946	203.086	204.584	205.654	206.296	207.794	207.794	207.794	206.724	205.654
16.8000	203.514	202.016	202.016	200.304	200.304	201.374	203.086	205.226	206.724	208.864
16.8100	209.292	211.004	211.432	211.432	210.362	209.934	208.222	206.296	205.654	204.584
16.8200	203.086	203.514	204.584	206.296	207.794	209.292	211.004	211.432	213.144	213.144
16.8300	212.074	211.004	209.934	208.864	206.724	205.654	204.584	203.514	204.156	205.654
16.8400	207.152	208.864	211.004	211.432	212.502	213.572	213.572	213.144	212.074	210.362
16.8500	208.864	207.152	206.724	205.226	205.226	206.296	207.152	208.864	211.004	212.502
16.8600	213.144	214.214	214.642	214.642	213.572	212.502	211.004	208.864	207.794	207.152
16.8700	205.654	206.296	207.152	208.864	210.362	212.502	214.214	214.642	216.354	216.354
16.8800	215.712	214.642	214.214	212.502	210.362	210.362	208.864	208.222	209.292	211.004
16.8900	212.074	214.214	215.712	217.424	217.852	218.922	218.922	218.494	216.782	215.712
16.9000	214.214	212.074	211.432	209.292	209.292	209.934	211.432	213.144	214.642	216.354
16.9100	216.782	218.494	218.922	218.494	217.424	216.354	214.642	212.502	211.004	210.362
16.9200	208.222	208.864	209.934	211.432	213.144	214.642	216.354	216.354	217.424	217.424
16.9300	216.782	215.284	214.214	212.502	209.934	209.292	207.152	206.724	207.152	208.222
16.9400	209.934	211.432	213.144	214.214	214.642	215.712	215.712	214.642	213.572	212.074
16.9500	210.362	208.864	208.222	206.724	206.296	207.152	208.864	211.004	212.502	214.642
16.9600	215.284	216.354	217.424	217.424	216.354	215.712	214.214	212.502	211.432	211.004
16.9700	209.292	210.362	211.004	213.144	214.642	216.782	218.494	218.922	220.420	221.062
16.9800	220.420	219.350	218.922	216.782	215.284	214.642	213.144	212.502	213.572	214.642
16.9900	215.712	217.852	219.350	219.992	221.062	222.132	222.132	221.062	219.992	218.922

TEST M2 FINAL TRANSIENT 2596 (1 ms Data) FM3L CC/S RECORD = 141

TIME	+ 0.0000	+ 0.0010	+ 0.0020	+ 0.0030	+ 0.0040	+ 0.0050	+ 0.0060	+ 0.0070	+ 0.0080	+ 0.0090
17.0000	216.782	215.284	214.214	212.502	212.074	213.144	214.642	215.712	217.424	218.922
17.0100	219.350	220.420	221.490	221.062	219.992	218.922	217.424	214.642	213.572	212.502
17.0200	210.362	211.004	213.572	222.560	216.354	161.142	93.732	40.232	15.194	4.066
17.0300	0.428	14.766	30.174	40.232	50.718	61.418	61.846	56.068	45.582	34.454
17.0400	23.754	11.556	1.498	-8.132	-14.980	-12.840	-14.980	-20.758	-18.618	-14.336
17.0500	-7.490	0.428	-0.642	-3.210	-3.210	-2.140	-1.284	-3.852	-10.272	-149.586
17.0600	-220.206	-230.264	-264.718	-257.870	-269.640	-249.952	-223.844	-230.264	-238.824	-239.894
17.0700	-256.372	-255.302	-268.998	-266.858	-251.022	-243.532	-239.252	-236.684	-229.836	-215.498
17.0800	-213.358	-219.136	-217.638	-215.926	-212.288	-209.078	-210.148	-204.370	-197.308	-195.810
17.0900	-190.460	-184.682	-176.122	-166.706	-160.286	-151.726	-142.310	-136.318	-131.610	-129.042
17.1000	-127.972	-124.120	-121.552	-120.482	-116.844	-111.922	-105.074	-99.296	-92.448	-84.958
17.1100	-78.538	-71.690	-66.982	-63.130	-59.064	-55.854	-53.714	-52.002	-50.076	-47.294
17.1200	-46.224	-41.516	-36.808	-30.388	-22.898	-16.050	-8.560	-3.210	2.568	5.778
17.1300	8.346	10.058	11.556	11.984	13.054	15.836	19.046	21.614	26.322	31.244
17.1400	36.380	42.372	46.652	50.290	53.500	57.780	59.278	60.776	61.846	63.558
17.1500	64.628	65.698	67.196	67.838	70.406	72.974	77.254	80.036	83.674	87.312
17.1600	90.522	93.732	96.514	97.370	99.082	99.510	99.082	98.440	99.082	100.152
17.1700	99.510	100.580	103.790	105.502	107.000	108.712	109.568	110.638	112.350	112.350
17.1800	112.778	111.708	110.638	109.568	107.000	107.000	105.930	106.572	107.000	107.000
17.1900	109.568	111.708	113.848	114.918	114.918	115.988	115.988	114.490	111.708	110.210
17.2000	108.712	108.070	107.642	104.860	104.432	103.790	105.502	105.502	105.930	107.642
17.2100	106.572	107.642	107.000	107.000	104.860	103.362	100.580	97.370	95.872	94.802
17.2200	92.234	91.592	91.164	93.304	93.732	94.374	95.444	95.444	97.370	97.370
17.2300	96.514	95.444	93.732	92.662	90.094	88.382	86.242	84.744	85.172	85.172
17.2400	85.814	86.884	88.382	89.452	89.452	90.522	90.094	89.024	87.954	85.814
17.2500	83.674	81.534	81.534	79.394	79.394	80.036	82.176	83.674	85.814	86.884
17.2600	86.884	88.382	88.382	87.312	84.744	83.674	82.604	80.464	79.394	77.896
17.2700	76.184	76.826	77.254	78.966	80.464	82.176	83.246	82.604	84.316	84.744
17.2800	83.674	83.246	82.176	81.534	80.036	80.036	78.966	77.254	77.254	80.036
17.2900	81.534	83.674	86.884	87.954	88.382	90.522	90.522	90.094	89.024	88.382
17.3000	88.382	87.954	88.382	88.382	90.094	92.234	95.444	97.370	100.580	104.860
17.3100	107.000	109.568	111.708	112.778	113.420	113.420	113.420	112.778	113.420	113.848
17.3200	113.848	115.988	119.198	121.766	125.618	128.186	131.396	133.108	135.676	137.174
17.3300	138.244	138.244	138.886	138.886	137.816	138.886	139.314	139.956	142.096	144.664
17.3400	147.232	151.084	154.294	155.792	158.360	160.500	161.570	161.570	161.570	161.142
17.3500	160.072	159.002	160.072	159.430	160.072	162.212	164.780	166.492	169.060	171.628
17.3600	172.698	174.410	175.908	175.908	175.908	175.908	174.838	173.340	172.270	171.200
17.3700	169.702	170.130	171.200	172.698	173.768	175.908	177.620	178.048	180.188	180.188
17.3800	180.188	179.760	178.048	176.550	174.838	174.410	172.698	171.628	172.270	174.410
17.3900	175.480	177.620	179.118	179.760	181.258	181.900	181.900	180.188	178.690	177.620
17.4000	174.838	173.768	173.768	171.628	172.270	172.698	174.838	176.550	176.550	178.048
17.4100	178.048	179.118	179.760	178.048	175.908	174.838	172.698	170.130	169.702	167.990
17.4200	164.352	162.212	161.142	160.500	159.002	156.434	153.224	150.014	148.302	145.306
17.4300	141.454	138.886	135.676	131.396	127.758	125.618	122.836	119.840	117.700	117.058
17.4400	115.988	115.560	114.918	113.420	111.708	110.638	108.070	105.930	102.720	99.510
17.4500	96.514	93.304	91.592	88.382	87.312	86.884	86.242	86.884	87.954	87.954
17.4600	87.954	89.024	90.094	89.024	87.954	87.312	86.242	82.176	81.534	80.036
17.4700	78.324	79.394	79.394	83.246	85.814	88.382	91.592	93.732	96.942	98.440
17.4800	99.082	99.082	99.082	98.012	97.370	98.012	97.370	98.440	101.222	104.432
17.4900	108.070	111.708	115.988	118.770	121.338	124.548	125.618	126.046	126.046	126.046

TEST M2 FINAL TRANSIENT 2596 (1 ms Data) FM3L CC/S RECORD = 142

TIME	+ 0.0000	+ 0.0010	+ 0.0020	+ 0.0030	+ 0.0040	+ 0.0050	+ 0.0060	+ 0.0070	+ 0.0080	+ 0.0090
17.5000	125.618	125.618	126.046	126.046	127.758	128.828	132.466	135.034	138.886	141.454
17.5100	142.096	144.236	146.162	146.162	145.306	143.594	142.524	141.026	140.384	139.956
17.5200	139.314	140.384	143.166	145.306	147.232	149.372	151.512	152.154	154.722	155.792
17.5300	155.364	155.364	154.722	153.652	152.582	152.154	151.512	151.084	152.154	153.224
17.5400	155.364	157.932	160.072	161.570	163.282	164.780	165.422	164.352	164.352	163.282
17.5500	161.570	160.500	160.072	159.430	159.002	159.430	161.142	162.212	163.710	165.850
17.5600	165.850	166.920	167.990	167.562	166.492	164.780	163.282	160.072	157.932	156.434
17.5700	153.652	154.294	154.722	156.434	158.360	161.142	162.640	163.282	165.422	165.850
17.5800	164.780	162.212	160.500	158.360	155.792	154.722	153.224	152.154	153.652	154.722
17.5900	155.792	157.932	159.430	160.072	160.072	161.570	160.500	159.430	158.360	156.434
17.6000	154.722	153.224	152.582	151.084	151.084	151.512	152.154	153.224	154.722	155.792
17.6100	156.434	156.862	158.360	157.932	156.862	155.364	153.652	151.512	150.014	148.944
17.6200	147.874	147.874	149.372	151.084	152.582	154.722	156.434	156.862	157.932	157.932
17.6300	156.862	154.722	152.582	151.084	148.302	147.874	146.804	145.734	146.804	148.944
17.6400	150.014	152.154	153.652	154.722	154.722	154.722	153.652	152.154	150.014	147.874
17.6500	145.306	143.594	142.096	139.956	139.314	138.886	139.314	140.384	142.096	144.236
17.6600	145.306	146.804	148.944	148.944	148.302	147.232	145.306	142.524	141.454	139.956
17.6700	138.244	139.314	141.026	143.166	145.306	147.232	149.372	150.442	152.582	152.582
17.6800	152.154	151.512	151.084	149.372	147.874	147.232	145.734	145.306	146.162	148.302
17.6900	150.014	152.154	154.294	155.792	156.862	159.002	159.002	158.360	157.932	156.862
17.7000	155.364	154.294	154.294	152.582	153.652	154.722	156.862	159.002	161.142	163.710
17.7100	164.352	165.850	167.562	167.562	166.492	165.850	164.780	163.282	162.640	162.212
17.7200	161.142	162.640	163.710	165.422	167.562	169.702	171.200	171.628	173.340	173.768
17.7300	173.340	172.698	171.628	170.130	167.990	167.562	166.492	165.850	166.492	167.562
17.7400	169.702	170.558	172.698	173.768	174.410	175.908	175.480	174.838	173.768	172.270
17.7500	170.558	168.632	168.632	166.492	166.492	166.920	168.632	170.130	171.628	173.340
17.7600	173.768	174.838	175.480	174.838	173.768	172.270	170.558	168.632	167.562	166.492
17.7700	164.780	165.422	166.492	167.562	169.702	171.200	172.270	172.698	173.768	173.768
17.7800	173.340	172.270	170.558	169.060	166.492	165.850	164.352	163.710	164.352	165.422
17.7900	166.920	168.632	170.130	171.200	171.200	172.698	172.698	171.628	170.558	169.060
17.8000	166.920	165.422	164.780	163.282	163.282	164.352	165.850	167.562	169.060	171.200
17.8100	171.200	172.270	173.340	172.698	171.628	170.130	168.632	166.492	165.850	164.780
17.8200	163.710	163.710	164.780	166.492	167.990	170.130	171.200	171.628	173.340	173.340
17.8300	173.340	171.628	170.558	169.060	166.920	166.492	164.780	164.352	165.422	166.492
17.8400	167.562	169.702	171.200	172.270	172.698	174.410	174.410	173.340	172.270	170.558
17.8500	169.060	167.562	166.920	165.422	165.422	166.492	167.562	169.060	170.558	172.698
17.8600	173.340	174.410	174.838	174.838	173.768	172.698	171.200	168.632	167.990	166.920
17.8700	165.422	165.850	166.920	168.632	170.130	171.628	173.340	173.340	174.838	174.838
17.8800	174.410	173.340	171.628	170.130	167.990	167.562	166.492	165.422	165.850	167.562
17.8900	168.632	170.130	171.628	171.628	172.698	173.768	173.340	172.270	170.558	169.060
17.9000	167.562	165.422	164.780	163.282	162.640	163.710	164.780	165.850	167.562	169.060
17.9100	169.702	170.558	171.200	170.558	169.060	167.990	166.492	163.710	162.640	161.570
17.9200	160.072	160.072	161.142	162.212	164.352	165.422	166.920	166.920	168.632	168.632
17.9300	167.562	166.492	164.780	163.282	161.142	160.500	159.002	157.932	158.360	159.430
17.9400	161.142	162.212	164.352	164.780	165.422	166.492	165.850	164.780	163.710	162.212
17.9500	160.072	158.360	157.932	155.792	155.792	156.862	158.360	159.430	161.142	163.282
17.9600	163.710	164.780	164.780	164.780	163.710	162.640	161.142	159.002	157.932	156.862
17.9700	155.364	156.434	157.504	158.360	160.072	161.570	163.710	164.352	165.422	165.850
17.9800	165.422	164.352	163.282	161.570	160.072	159.430	157.932	157.504	157.932	160.072
17.9900	161.142	162.640	164.780	165.850	166.920	168.632	168.632	167.562	166.920	165.422

TEST M2 FINAL TRANSIENT 2596 (1 ms Data) FM3L CC/S RECORD = 143

TIME	+ 0.0000	+ 0.0010	+ 0.0020	+ 0.0030	+ 0.0040	+ 0.0050	+ 0.0060	+ 0.0070	+ 0.0080	+ 0.0090
18.0000	163.710	162.212	162.212	160.500	161.142	162.212	163.710	165.422	166.920	169.060
18.0100	169.702	171.200	172.270	171.628	171.200	170.130	168.632	166.920	165.850	165.422
18.0200	163.710	164.352	165.422	166.492	168.632	170.130	172.270	172.270	173.340	173.768
18.0300	173.340	172.270	170.558	169.060	166.920	166.492	164.780	164.352	164.780	166.492
18.0400	167.562	169.702	170.558	171.628	172.270	173.340	173.340	172.270	170.558	169.702
18.0500	167.562	165.850	165.422	163.282	163.282	163.710	164.780	166.920	167.990	170.130
18.0600	170.558	171.628	172.698	172.698	171.628	170.558	169.060	167.562	166.492	165.850
18.0700	164.352	164.780	166.492	167.990	169.702	171.200	172.698	173.340	174.838	174.838
18.0800	174.838	173.768	172.698	171.200	169.702	169.060	167.562	167.562	168.632	170.558
18.0900	172.270	174.410	176.978	178.048	179.760	181.900	181.900	181.900	180.830	180.188
18.1000	178.690	176.978	177.620	176.550	176.550	178.048	179.760	181.258	183.398	185.538
18.1100	187.036	188.748	190.246	190.888	190.246	190.246	189.176	187.678	187.678	187.678
18.1200	186.608	188.106	189.818	191.316	193.456	195.596	197.736	198.806	200.946	201.374
18.1300	202.016	201.374	200.304	198.806	197.094	196.666	194.954	194.526	194.954	196.024
18.1400	197.094	197.736	198.806	198.164	198.164	198.806	198.164	196.666	194.526	192.386
18.1500	189.176	186.608	185.538	182.756	181.900	181.258	181.900	181.900	182.328	183.398
18.1600	183.398	183.398	183.398	182.328	180.830	179.118	177.620	175.480	173.768	172.698
18.1700	171.200	171.628	172.270	173.768	175.480	176.978	178.048	178.048	179.118	179.118
18.1800	178.690	176.978	175.480	173.768	171.200	170.558	169.060	169.060	169.702	171.628
18.1900	173.340	175.908	178.690	180.188	182.328	183.826	183.826	183.398	182.328	180.830
18.2000	179.118	178.048	178.048	176.550	176.550	177.620	179.760	181.258	183.398	186.608
18.2100	187.678	190.246	191.958	193.028	193.456	194.526	194.526	194.526	195.596	196.666
18.2200	197.094	199.876	203.086	207.152	211.004	215.284	219.992	223.202	227.910	231.548
18.2300	234.330	236.470	238.610	239.680	241.178	243.318	244.388	245.886	248.668	251.878
18.2400	254.446	258.084	261.294	264.076	265.574	267.714	268.142	267.714	267.286	266.216
18.2500	265.146	264.076	264.504	263.006	263.434	264.076	265.146	266.216	267.286	268.142
18.2600	267.714	268.142	267.714	265.574	263.434	261.936	259.154	255.944	254.018	251.878
18.2700	248.026	246.956	245.458	243.746	242.890	242.248	241.820	240.108	239.680	238.610
18.2800	236.898	235.400	233.688	232.190	231.120	230.692	230.050	230.050	231.120	232.190
18.2900	233.260	234.330	236.470	235.828	236.470	236.898	235.400	233.688	231.120	228.980
18.3000	226.412	223.630	222.560	220.420	219.992	219.992	221.490	222.560	224.272	226.412
18.3100	227.482	228.552	229.622	230.050	229.622	228.980	228.552	226.840	227.482	227.482
18.3200	226.840	228.980	230.692	234.330	237.540	241.178	244.816	247.598	250.808	252.948
18.3300	253.376	252.948	252.306	250.808	248.668	247.598	244.816	242.890	241.820	240.750
18.3400	239.680	239.680	239.038	237.968	236.470	235.400	232.190	229.622	226.412	223.202
18.3500	219.350	216.354	214.642	212.502	211.432	211.432	212.502	213.572	215.712	217.852
18.3600	219.350	221.062	223.202	223.630	224.272	224.272	224.272	224.272	224.700	224.700
18.3700	224.700	225.770	227.482	228.980	231.120	232.618	233.688	234.330	235.400	234.758
18.3800	233.688	232.190	230.692	228.980	226.840	226.840	225.770	225.342	226.412	227.910
18.3900	229.622	231.548	233.688	235.400	235.828	237.540	236.898	235.400	233.688	232.190
18.4000	230.050	227.910	227.482	225.342	224.272	224.272	225.342	225.770	226.840	227.910
18.4100	227.482	227.482	227.482	225.770	223.630	221.490	219.992	217.852	217.424	216.782
18.4200	216.354	217.852	220.420	223.202	225.770	229.622	232.190	234.330	237.540	238.610
18.4300	239.038	238.610	237.968	236.470	234.758	234.330	232.618	231.120	231.120	231.120
18.4400	231.548	232.190	233.688	233.688	233.688	234.330	233.688	232.618	230.692	228.980
18.4500	226.840	225.342	224.272	222.132	221.490	221.490	222.560	223.202	224.272	225.342
18.4600	225.342	225.770	225.342	224.272	222.132	220.420	217.852	214.642	213.144	211.432
18.4700	208.864	207.794	207.794	208.222	208.222	208.222	208.864	207.794	208.222	206.724
18.4800	204.584	202.444	199.234	196.666	194.098	192.386	189.818	188.106	188.106	188.748
18.4900	188.748	189.818	190.888	190.888	190.888	190.888	189.818	187.678	185.538	183.398

TEST M2 FINAL TRANSIENT 2596 (1 ms Data) FM3L CC/S RECORD = 144

TIME	+ 0.0000	+ 0.0010	+ 0.0020	+ 0.0030	+ 0.0040	+ 0.0050	+ 0.0060	+ 0.0070	+ 0.0080	+ 0.0090
18.5000	180.830	178.048	176.978	174.838	174.838	175.908	176.978	178.690	181.258	183.826
18.5100	185.538	188.106	189.818	190.888	190.888	191.316	190.888	190.246	190.888	191.958
18.5200	191.316	193.028	194.954	197.094	200.304	203.086	205.654	207.152	209.292	210.362
18.5300	211.004	210.362	210.362	209.934	208.864	209.292	208.864	208.864	209.934	212.074
18.5400	213.572	215.284	217.424	218.494	218.922	219.992	218.922	217.424	215.284	213.144
18.5500	210.362	207.794	206.296	203.514	202.444	202.016	202.444	203.086	204.156	205.654
18.5600	205.654	206.296	206.724	205.654	204.584	202.444	200.304	197.736	196.024	194.526
18.5700	191.958	191.316	191.316	192.386	193.028	194.098	194.954	194.954	196.024	196.024
18.5800	194.954	194.098	193.456	191.958	190.888	190.246	189.818	189.818	191.958	193.456
18.5900	196.024	198.806	201.374	203.086	204.584	206.296	206.296	205.654	204.584	203.086
18.6000	200.946	199.234	198.164	196.024	194.954	194.526	195.596	195.596	196.024	196.024
18.6100	195.596	195.596	194.526	192.386	189.818	187.678	184.468	181.258	179.118	176.978
18.6200	174.410	173.340	172.698	173.340	173.768	174.838	175.908	175.908	176.978	176.978
18.6300	175.908	174.410	173.340	171.628	169.702	169.060	167.990	166.920	167.990	169.060
18.6400	170.130	171.628	173.340	173.768	174.410	175.480	174.838	173.340	171.628	169.702
18.6500	167.562	165.850	165.422	163.282	162.640	163.282	164.352	165.422	166.492	168.632
18.6600	168.632	170.130	170.558	170.130	169.060	167.990	166.492	164.780	164.352	163.710
18.6700	162.212	163.282	164.352	165.850	167.562	169.702	171.628	172.270	174.410	174.838
18.6800	173.768	173.340	171.628	170.558	168.632	167.990	166.492	165.850	165.850	167.562
18.6900	167.990	169.702	171.200	171.628	172.698	173.768	172.698	171.6[illegible]	170.130	168.632
18.7000	166.492	164.352	163.282	161.142	160.500	161.570	162.212	163.28[illegible]	164.780	166.492
18.7100	166.920	167.990	168.632	167.562	165.850	165.422	163.710	161.570	160.500	159.430
18.7200	158.360	159.002	160.072	161.570	163.282	164.780	166.492	167.562	169.060	169.060
18.7300	168.632	167.562	166.492	164.780	163.282	162.640	161.142	160.500	161.142	162.212
18.7400	163.710	164.780	166.920	167.990	168.632	170.130	170.130	169.060	167.990	166.920
18.7500	165.850	164.352	164.352	162.640	163.710	164.352	166.492	167.990	170.130	172.270
18.7600	172.698	174.410	175.480	175.480	174.838	174.410	173.340	171.628	171.200	170.558
18.7700	169.702	170.558	172.698	174.838	176.978	179.118	181.258	181.900	183.398	184.468
18.7800	184.468	183.826	183.398	181.900	180.188	179.760	178.690	178.690	179.760	180.830
18.7900	182.328	183.826	185.966	186.608	187.678	189.176	188.748	188.106	187.036	185.538
18.8000	182.756	181.258	180.830	179.760	179.760	180.188	181.258	181.900	183.826	186.608
18.8100	187.678	188.748	189.176	187.678	186.608	185.538	184.896	182.756	181.900	181.258
18.8200	179.118	179.760	181.258	182.328	183.826	185.966	187.036	188.106	189.176	189.176
18.8300	188.748	187.036	185.966	184.468	182.328	181.258	179.760	178.690	179.760	180.830
18.8400	181.900	183.398	184.896	185.538	186.608	187.678	187.036	185.966	184.468	182.328
18.8500	180.830	178.690	178.690	176.550	176.550	176.550	178.048	179.118	180.188	181.900
18.8600	182.328	183.398	183.826	182.756	181.258	180.188	178.048	175.908	174.838	173.768
18.8700	171.628	171.628	172.698	173.768	175.480	176.978	178.048	178.690	179.760	179.760
18.8800	178.690	177.620	175.908	174.838	172.698	171.628	170.558	169.702	170.558	172.270
18.8900	173.340	174.838	176.978	178.048	179.760	180.830	180.830	179.760	178.690	177.620
18.9000	175.908	174.838	174.838	172.698	173.340	173.768	175.480	176.978	179.118	180.830
18.9100	181.258	181.900	182.328	181.900	180.188	179.118	176.978	174.838	173.768	172.698
18.9200	170.558	170.558	171.200	172.698	173.768	175.480	176.978	176.978	178.048	178.048
18.9300	177.620	176.550	174.838	173.340	171.200	170.558	169.060	168.632	169.060	170.558
18.9400	171.200	173.340	175.480	175.908	176.978	178.690	178.048	176.978	175.908	174.410
18.9500	172.698	171.200	170.558	169.060	169.060	170.130	171.628	172.698	174.838	176.550
18.9600	176.978	178.690	179.118	178.690	177.620	176.550	175.480	172.698	172.698	171.628
18.9700	170.130	170.558	171.628	173.340	174.838	176.978	178.690	179.118	180.830	180.830
18.9800	180.188	178.690	177.620	175.480	173.768	173.340	171.628	170.558	171.200	172.270
18.9900	173.768	175.480	177.620	178.048	179.118	180.188	179.760	178.690	177.620	175.908

TEST M2 FINAL TRANSIENT 2596 (1 ms Data) PT1L MPA RECORD = 145

TIME	+ 0.0000	+ 0.0010	+ 0.0020	+ 0.0030	+ 0.0040	+ 0.0050	+ 0.0060	+ 0.0070	+ 0.0080	+ 0.0090
16.0000	0.488	0.488	0.486	0.486	0.486	0.484	0.482	0.482	0.480	0.480
16.0100	0.480	0.477	0.480	0.482	0.482	0.484	0.484	0.488	0.488	0.486
16.0200	0.486	0.486	0.484	0.482	0.480	0.477	0.480	0.480	0.480	0.480
16.0300	0.482	0.484	0.484	0.488	0.488	0.486	0.488	0.486	0.484	0.484
16.0400	0.482	0.482	0.480	0.477	0.480	0.480	0.480	0.484	0.484	0.484
16.0500	0.488	0.486	0.488	0.488	0.486	0.484	0.484	0.482	0.480	0.477
16.0600	0.480	0.480	0.480	0.482	0.482	0.484	0.486	0.488	0.488	0.488
16.0700	0.486	0.486	0.484	0.484	0.482	0.477	0.480	0.480	0.480	0.480
16.0800	0.482	0.482	0.484	0.488	0.488	0.486	0.486	0.486	0.484	0.484
16.0900	0.484	0.482	0.480	0.480	0.480	0.480	0.480	0.482	0.484	0.484
16.1000	0.488	0.488	0.486	0.488	0.486	0.484	0.484	0.482	0.480	0.480
16.1100	0.480	0.480	0.480	0.482	0.484	0.484	0.486	0.488	0.486	0.488
16.1200	0.486	0.486	0.484	0.482	0.482	0.477	0.477	0.480	0.480	0.480
16.1300	0.482	0.482	0.484	0.488	0.488	0.488	0.488	0.486	0.484	0.484
16.1400	0.484	0.482	0.477	0.480	0.480	0.480	0.482	0.482	0.484	0.484
16.1500	0.488	0.488	0.488	0.488	0.486	0.484	0.484	0.482	0.480	0.480
16.1600	0.480	0.480	0.480	0.482	0.484	0.484	0.486	0.488	0.488	0.488
16.1700	0.486	0.486	0.484	0.482	0.482	0.480	0.480	0.480	0.480	0.480
16.1800	0.482	0.482	0.484	0.488	0.488	0.486	0.488	0.486	0.486	0.484
16.1900	0.484	0.482	0.477	0.480	0.480	0.480	0.482	0.484	0.484	0.484
16.2000	0.488	0.488	0.488	0.488	0.486	0.484	0.484	0.482	0.482	0.480
16.2100	0.480	0.480	0.480	0.482	0.484	0.484	0.486	0.488	0.488	0.486
16.2200	0.488	0.486	0.484	0.484	0.482	0.477	0.480	0.480	0.480	0.480
16.2300	0.482	0.484	0.484	0.488	0.488	0.486	0.488	0.486	0.484	0.484
16.2400	0.484	0.482	0.480	0.480	0.480	0.480	0.480	0.484	0.484	0.484
16.2500	0.488	0.488	0.488	0.488	0.488	0.486	0.484	0.482	0.482	0.480
16.2600	0.480	0.480	0.480	0.482	0.482	0.484	0.486	0.488	0.488	0.488
16.2700	0.488	0.486	0.484	0.484	0.482	0.480	0.480	0.480	0.480	0.482
16.2800	0.482	0.484	0.484	0.488	0.488	0.486	0.488	0.488	0.486	0.484
16.2900	0.484	0.482	0.480	0.480	0.480	0.480	0.482	0.484	0.484	0.484
16.3000	0.488	0.488	0.488	0.488	0.486	0.486	0.484	0.482	0.482	0.480
16.3100	0.480	0.480	0.482	0.484	0.484	0.484	0.486	0.488	0.488	0.488
16.3200	0.488	0.486	0.484	0.484	0.484	0.477	0.480	0.480	0.480	0.482
16.3300	0.482	0.484	0.486	0.488	0.488	0.488	0.488	0.486	0.486	0.484
16.3400	0.484	0.482	0.480	0.480	0.480	0.480	0.482	0.484	0.484	0.484
16.3500	0.488	0.488	0.488	0.488	0.488	0.486	0.484	0.482	0.480	0.480
16.3600	0.480	0.480	0.482	0.482	0.484	0.486	0.486	0.488	0.488	0.488
16.3700	0.488	0.486	0.484	0.484	0.484	0.480	0.480	0.480	0.480	0.482
16.3800	0.484	0.484	0.486	0.488	0.488	0.488	0.488	0.486	0.486	0.484
16.3900	0.484	0.482	0.480	0.480	0.480	0.480	0.482	0.484	0.484	0.484
16.4000	0.488	0.488	0.488	0.488	0.488	0.486	0.484	0.484	0.482	0.480
16.4100	0.482	0.480	0.482	0.482	0.484	0.484	0.486	0.488	0.488	0.488
16.4200	0.488	0.486	0.486	0.484	0.482	0.480	0.480	0.480	0.482	0.480
16.4300	0.484	0.484	0.484	0.488	0.488	0.486	0.488	0.486	0.486	0.484
16.4400	0.484	0.482	0.480	0.480	0.480	0.480	0.482	0.484	0.484	0.486
16.4500	0.490	0.488	0.488	0.488	0.488	0.486	0.484	0.484	0.482	0.480
16.4600	0.480	0.480	0.482	0.482	0.484	0.486	0.486	0.488	0.488	0.488
16.4700	0.488	0.486	0.484	0.484	0.484	0.480	0.480	0.482	0.480	0.482
16.4800	0.482	0.484	0.486	0.488	0.488	0.488	0.488	0.488	0.486	0.486
16.4900	0.484	0.482	0.480	0.480	0.480	0.482	0.482	0.484	0.484	0.484

TEST M2 FINAL TRANSIENT 2596 (1 ms Data) PT1L MPA RECORD = 146

TIME	+ 0.0000	+ 0.0010	+ 0.0020	+ 0.0030	+ 0.0040	+ 0.0050	+ 0.0060	+ 0.0070	+ 0.0080	+ 0.0090
16.5000	0.490	0.488	0.488	0.488	0.488	0.486	0.484	0.484	0.482	0.480
16.5100	0.482	0.480	0.482	0.484	0.484	0.484	0.488	0.488	0.488	0.488
16.5200	0.488	0.488	0.486	0.484	0.484	0.480	0.480	0.482	0.480	0.482
16.5300	0.484	0.484	0.486	0.488	0.490	0.488	0.488	0.488	0.486	0.486
16.5400	0.486	0.484	0.480	0.482	0.480	0.482	0.482	0.484	0.486	0.486
16.5500	0.490	0.488	0.488	0.490	0.488	0.486	0.486	0.482	0.482	0.480
16.5600	0.480	0.482	0.482	0.484	0.486	0.484	0.486	0.490	0.490	0.490
16.5700	0.488	0.486	0.486	0.484	0.484	0.480	0.480	0.482	0.482	0.482
16.5800	0.484	0.484	0.486	0.490	0.488	0.488	0.488	0.488	0.486	0.484
16.5900	0.484	0.484	0.480	0.480	0.482	0.480	0.484	0.484	0.486	0.486
16.6000	0.488	0.490	0.488	0.488	0.488	0.486	0.486	0.484	0.482	0.480
16.6100	0.482	0.482	0.482	0.484	0.484	0.486	0.486	0.488	0.488	0.488
16.6200	0.488	0.486	0.486	0.484	0.484	0.480	0.480	0.482	0.482	0.482
16.6300	0.484	0.484	0.486	0.490	0.488	0.488	0.488	0.488	0.488	0.486
16.6400	0.484	0.484	0.480	0.482	0.480	0.482	0.482	0.484	0.484	0.486
16.6500	0.490	0.488	0.488	0.488	0.488	0.486	0.486	0.484	0.482	0.480
16.6600	0.482	0.480	0.482	0.484	0.484	0.486	0.486	0.488	0.490	0.488
16.6700	0.488	0.488	0.486	0.486	0.484	0.480	0.482	0.482	0.482	0.482
16.6800	0.484	0.486	0.486	0.488	0.490	0.488	0.490	0.488	0.488	0.486
16.6900	0.484	0.484	0.480	0.482	0.482	0.482	0.482	0.484	0.486	0.486
16.7000	0.490	0.488	0.488	0.490	0.488	0.486	0.486	0.484	0.482	0.480
16.7100	0.482	0.482	0.482	0.484	0.484	0.486	0.488	0.488	0.490	0.490
16.7200	0.488	0.488	0.486	0.486	0.484	0.480	0.482	0.482	0.480	0.484
16.7300	0.484	0.486	0.488	0.490	0.490	0.488	0.488	0.488	0.488	0.486
16.7400	0.486	0.484	0.480	0.482	0.482	0.482	0.484	0.484	0.486	0.486
16.7500	0.490	0.490	0.488	0.488	0.488	0.488	0.486	0.484	0.482	0.482
16.7600	0.482	0.482	0.482	0.484	0.486	0.486	0.488	0.490	0.490	0.490
16.7700	0.490	0.488	0.488	0.486	0.484	0.480	0.482	0.482	0.482	0.482
16.7800	0.484	0.486	0.486	0.490	0.490	0.490	0.490	0.488	0.488	0.486
16.7900	0.486	0.484	0.480	0.482	0.482	0.482	0.484	0.484	0.486	0.486
16.8000	0.490	0.490	0.488	0.490	0.490	0.486	0.486	0.486	0.482	0.482
16.8100	0.482	0.482	0.484	0.484	0.486	0.486	0.488	0.490	0.490	0.490
16.8200	0.490	0.488	0.488	0.486	0.484	0.482	0.482	0.482	0.482	0.484
16.8300	0.484	0.486	0.486	0.490	0.490	0.488	0.490	0.488	0.488	0.486
16.8400	0.486	0.486	0.482	0.482	0.482	0.482	0.484	0.486	0.486	0.488
16.8500	0.490	0.490	0.490	0.490	0.490	0.488	0.486	0.486	0.482	0.482
16.8600	0.482	0.482	0.484	0.484	0.486	0.488	0.488	0.490	0.490	0.490
16.8700	0.490	0.488	0.488	0.486	0.484	0.480	0.482	0.482	0.482	0.484
16.8800	0.486	0.486	0.488	0.490	0.490	0.490	0.490	0.488	0.488	0.488
16.8900	0.486	0.484	0.482	0.482	0.482	0.482	0.484	0.486	0.486	0.488
16.9000	0.492	0.490	0.490	0.490	0.490	0.488	0.486	0.486	0.484	0.482
16.9100	0.482	0.482	0.484	0.484	0.486	0.486	0.488	0.490	0.490	0.490
16.9200	0.490	0.490	0.488	0.486	0.486	0.480	0.482	0.484	0.484	0.484
16.9300	0.486	0.486	0.488	0.490	0.490	0.490	0.490	0.490	0.488	0.486
16.9400	0.486	0.484	0.482	0.482	0.482	0.482	0.484	0.486	0.486	0.488
16.9500	0.490	0.490	0.490	0.490	0.490	0.488	0.488	0.486	0.484	0.482
16.9600	0.482	0.482	0.482	0.486	0.486	0.486	0.488	0.490	0.490	0.490
16.9700	0.490	0.488	0.488	0.486	0.486	0.482	0.482	0.484	0.482	0.484
16.9800	0.486	0.486	0.488	0.490	0.490	0.490	0.490	0.490	0.488	0.486
16.9900	0.486	0.486	0.482	0.484	0.482	0.484	0.484	0.486	0.488	0.488

TEST M2 FINAL TRANSIENT 2596 (1 ms Data) PT1L MPA RECORD = 147

TIME	+ 0.0000	+ 0.0010	+ 0.0020	+ 0.0030	+ 0.0040	+ 0.0050	+ 0.0060	+ 0.0070	+ 0.0080	+ 0.0090
17.0000	0.490	0.492	0.490	0.490	0.490	0.488	0.488	0.486	0.484	0.482
17.0100	0.482	0.484	0.484	0.486	0.488	0.488	0.490	0.490	0.490	0.490
17.0200	0.490	0.490	0.592	0.680	0.770	0.900	0.898	0.850	0.640	0.559
17.0300	0.464	0.425	0.398	0.398	0.457	0.473	0.548	0.535	0.610	0.627
17.0400	0.634	0.629	0.616	0.576	0.574	0.550	0.530	0.504	0.501	0.486
17.0500	0.492	0.490	0.506	0.523	0.539	0.535	0.543	1.405	1.081	1.502
17.0600	0.993	0.850	0.495	0.590	0.508	0.497	0.583	0.484	0.662	0.636
17.0700	0.614	0.618	0.594	0.561	0.583	0.530	0.528	0.574	0.559	0.576
17.0800	0.535	0.576	0.556	0.579	0.539	0.539	0.541	0.543	0.543	0.530
17.0900	0.537	0.537	0.532	0.517	0.523	0.528	0.543	0.550	0.554	0.576
17.1000	0.581	0.590	0.587	0.579	0.585	0.579	0.567	0.567	0.556	0.556
17.1100	0.561	0.554	0.559	0.563	0.567	0.570	0.572	0.583	0.581	0.581
17.1200	0.579	0.572	0.570	0.565	0.563	0.559	0.563	0.570	0.570	0.576
17.1300	0.583	0.583	0.585	0.585	0.585	0.581	0.579	0.579	0.574	0.579
17.1400	0.576	0.579	0.579	0.581	0.583	0.583	0.583	0.585	0.585	0.585
17.1500	0.592	0.590	0.590	0.592	0.592	0.590	0.587	0.585	0.585	0.583
17.1600	0.585	0.583	0.585	0.592	0.590	0.594	0.594	0.598	0.601	0.598
17.1700	0.603	0.605	0.601	0.603	0.607	0.603	0.601	0.603	0.603	0.598
17.1800	0.603	0.605	0.603	0.610	0.610	0.607	0.610	0.607	0.607	0.607
17.1900	0.607	0.603	0.603	0.603	0.603	0.610	0.607	0.603	0.614	0.612
17.2000	0.605	0.614	0.614	0.610	0.620	0.618	0.612	0.616	0.614	0.607
17.2100	0.614	0.612	0.610	0.616	0.616	0.614	0.622	0.618	0.620	0.620
17.2200	0.614	0.616	0.614	0.610	0.607	0.603	0.603	0.603	0.603	0.603
17.2300	0.607	0.610	0.614	0.618	0.620	0.618	0.622	0.618	0.616	0.616
17.2400	0.612	0.612	0.607	0.605	0.605	0.603	0.605	0.605	0.605	0.607
17.2500	0.612	0.610	0.610	0.607	0.607	0.607	0.607	0.605	0.605	0.605
17.2600	0.607	0.607	0.610	0.610	0.610	0.610	0.607	0.612	0.610	0.610
17.2700	0.612	0.607	0.607	0.607	0.605	0.601	0.603	0.603	0.601	0.598
17.2800	0.598	0.601	0.598	0.605	0.605	0.605	0.610	0.610	0.607	0.605
17.2900	0.603	0.601	0.598	0.598	0.603	0.601	0.596	0.598	0.596	0.594
17.3000	0.596	0.592	0.592	0.594	0.590	0.587	0.587	0.587	0.585	0.583
17.3100	0.583	0.585	0.587	0.587	0.590	0.592	0.594	0.594	0.594	0.592
17.3200	0.592	0.590	0.587	0.587	0.585	0.583	0.583	0.583	0.583	0.583
17.3300	0.583	0.585	0.585	0.590	0.587	0.587	0.587	0.587	0.585	0.585
17.3400	0.585	0.583	0.581	0.581	0.583	0.583	0.585	0.590	0.587	0.587
17.3500	0.592	0.590	0.587	0.587	0.587	0.585	0.585	0.585	0.583	0.581
17.3600	0.583	0.583	0.583	0.585	0.590	0.590	0.594	0.596	0.601	0.601
17.3700	0.598	0.598	0.596	0.592	0.592	0.585	0.583	0.585	0.583	0.583
17.3800	0.585	0.587	0.590	0.592	0.594	0.596	0.590	0.596	0.596	0.587
17.3900	0.594	0.590	0.585	0.592	0.587	0.585	0.594	0.592	0.590	0.590
17.4000	0.594	0.587	0.596	0.587	0.592	0.592	0.592	0.590	0.587	0.587
17.4100	0.587	0.587	0.590	0.583	0.596	0.592	0.592	0.601	0.601	0.603
17.4200	0.612	0.612	0.620	0.616	0.616	0.618	0.614	0.616	0.610	0.603
17.4300	0.603	0.601	0.601	0.603	0.603	0.605	0.605	0.605	0.607	0.610
17.4400	0.607	0.607	0.605	0.605	0.603	0.603	0.605	0.603	0.605	0.603
17.4500	0.610	0.605	0.603	0.605	0.601	0.601	0.592	0.596	0.587	0.585
17.4600	0.587	0.583	0.583	0.581	0.585	0.587	0.598	0.587	0.603	0.594
17.4700	0.587	0.590	0.576	0.581	0.572	0.563	0.572	0.567	0.567	0.572
17.4800	0.570	0.574	0.579	0.579	0.581	0.576	0.576	0.572	0.570	0.565
17.4900	0.565	0.563	0.561	0.563	0.563	0.565	0.567	0.567	0.570	0.570

TEST M2 FINAL TRANSIENT 2596 (1 ms Data) PT1L MPA RECORD = 148

TIME	+ 0.0000	+ 0.0010	+ 0.0020	+ 0.0030	+ 0.0040	+ 0.0050	+ 0.0060	+ 0.0070	+ 0.0080	+ 0.0090
17.5000	0.574	0.572	0.572	0.572	0.574	0.570	0.572	0.572	0.572	0.570
17.5100	0.576	0.576	0.579	0.579	0.579	0.583	0.583	0.581	0.579	0.576
17.5200	0.576	0.572	0.570	0.572	0.572	0.570	0.567	0.572	0.570	0.570
17.5300	0.572	0.572	0.576	0.579	0.581	0.579	0.583	0.579	0.576	0.576
17.5400	0.574	0.572	0.567	0.570	0.570	0.570	0.570	0.574	0.574	0.574
17.5500	0.579	0.581	0.576	0.583	0.581	0.579	0.581	0.576	0.576	0.574
17.5600	0.574	0.576	0.579	0.579	0.581	0.583	0.585	0.590	0.587	0.587
17.5700	0.583	0.579	0.574	0.574	0.570	0.567	0.567	0.572	0.574	0.576
17.5800	0.581	0.583	0.587	0.587	0.585	0.583	0.583	0.581	0.579	0.576
17.5900	0.576	0.576	0.572	0.574	0.574	0.574	0.576	0.576	0.579	0.579
17.6000	0.583	0.581	0.583	0.583	0.583	0.581	0.581	0.579	0.576	0.572
17.6100	0.572	0.572	0.572	0.574	0.574	0.576	0.579	0.579	0.579	0.579
17.6200	0.576	0.576	0.574	0.572	0.572	0.570	0.567	0.572	0.572	0.576
17.6300	0.576	0.579	0.579	0.583	0.579	0.576	0.576	0.574	0.572	0.572
17.6400	0.570	0.572	0.570	0.574	0.574	0.576	0.579	0.579	0.581	0.581
17.6500	0.585	0.585	0.583	0.583	0.581	0.576	0.574	0.570	0.565	0.563
17.6600	0.559	0.561	0.561	0.567	0.570	0.574	0.579	0.581	0.581	0.576
17.6700	0.574	0.570	0.567	0.565	0.563	0.561	0.561	0.561	0.561	0.563
17.6800	0.565	0.565	0.565	0.570	0.570	0.567	0.570	0.567	0.567	0.563
17.6900	0.563	0.561	0.559	0.559	0.559	0.556	0.559	0.561	0.561	0.565
17.7000	0.567	0.567	0.567	0.563	0.565	0.561	0.559	0.559	0.556	0.554
17.7100	0.559	0.554	0.556	0.559	0.559	0.561	0.561	0.563	0.563	0.563
17.7200	0.563	0.561	0.559	0.559	0.559	0.552	0.556	0.556	0.554	0.556
17.7300	0.559	0.556	0.561	0.563	0.565	0.563	0.563	0.563	0.559	0.561
17.7400	0.556	0.556	0.552	0.554	0.554	0.552	0.554	0.556	0.559	0.559
17.7500	0.563	0.561	0.561	0.563	0.561	0.559	0.559	0.556	0.556	0.554
17.7600	0.554	0.554	0.554	0.556	0.556	0.559	0.559	0.561	0.561	0.561
17.7700	0.561	0.559	0.556	0.556	0.554	0.550	0.552	0.552	0.552	0.554
17.7800	0.556	0.556	0.559	0.561	0.561	0.561	0.559	0.561	0.556	0.556
17.7900	0.556	0.554	0.552	0.552	0.552	0.552	0.552	0.554	0.554	0.554
17.8000	0.559	0.559	0.556	0.556	0.554	0.554	0.554	0.552	0.552	0.550
17.8100	0.552	0.550	0.550	0.552	0.554	0.554	0.556	0.556	0.556	0.556
17.8200	0.554	0.554	0.552	0.552	0.550	0.546	0.546	0.548	0.548	0.548
17.8300	0.550	0.550	0.552	0.556	0.556	0.554	0.554	0.554	0.552	0.550
17.8400	0.550	0.548	0.546	0.546	0.546	0.546	0.546	0.548	0.550	0.550
17.8500	0.554	0.552	0.552	0.552	0.552	0.550	0.548	0.548	0.543	0.543
17.8600	0.543	0.543	0.546	0.546	0.548	0.548	0.550	0.552	0.550	0.550
17.8700	0.550	0.548	0.548	0.548	0.546	0.541	0.541	0.541	0.541	0.541
17.8800	0.546	0.546	0.546	0.550	0.550	0.548	0.548	0.548	0.548	0.548
17.8900	0.546	0.546	0.541	0.541	0.541	0.539	0.541	0.543	0.543	0.543
17.9000	0.548	0.548	0.548	0.546	0.548	0.543	0.541	0.541	0.539	0.539
17.9100	0.539	0.539	0.539	0.541	0.543	0.543	0.546	0.548	0.548	0.546
17.9200	0.548	0.543	0.543	0.541	0.541	0.537	0.537	0.537	0.537	0.537
17.9300	0.539	0.541	0.541	0.546	0.546	0.543	0.546	0.546	0.543	0.543
17.9400	0.541	0.541	0.537	0.537	0.537	0.537	0.539	0.539	0.541	0.541
17.9500	0.543	0.543	0.543	0.543	0.541	0.541	0.539	0.539	0.535	0.535
17.9600	0.535	0.537	0.537	0.539	0.539	0.541	0.543	0.543	0.543	0.543
17.9700	0.543	0.541	0.541	0.539	0.539	0.532	0.535	0.535	0.532	0.535
17.9800	0.535	0.537	0.539	0.543	0.543	0.541	0.541	0.541	0.539	0.537
17.9900	0.537	0.535	0.532	0.532	0.532	0.535	0.535	0.537	0.537	0.539

TEST M2 FINAL TRANSIENT 2596 (1 ms Data) PT1L MPA RECORD = 149

TIME	+ 0.0000	+ 0.0010	+ 0.0020	+ 0.0030	+ 0.0040	+ 0.0050	+ 0.0060	+ 0.0070	+ 0.0080	+ 0.0090
18.0000	0.541	0.541	0.541	0.541	0.539	0.539	0.537	0.537	0.535	0.532
18.0100	0.532	0.532	0.532	0.535	0.537	0.537	0.539	0.541	0.541	0.541
18.0200	0.541	0.539	0.539	0.537	0.537	0.532	0.532	0.532	0.532	0.532
18.0300	0.535	0.537	0.539	0.541	0.541	0.541	0.539	0.539	0.539	0.537
18.0400	0.535	0.535	0.532	0.532	0.532	0.532	0.535	0.535	0.537	0.539
18.0500	0.541	0.541	0.541	0.541	0.541	0.537	0.537	0.535	0.532	0.532
18.0600	0.532	0.532	0.532	0.532	0.537	0.537	0.539	0.539	0.539	0.539
18.0700	0.539	0.537	0.535	0.535	0.535	0.530	0.530	0.532	0.532	0.532
18.0800	0.535	0.537	0.537	0.541	0.539	0.539	0.539	0.537	0.537	0.535
18.0900	0.532	0.532	0.530	0.530	0.532	0.530	0.532	0.532	0.535	0.537
18.1000	0.539	0.539	0.539	0.539	0.539	0.537	0.535	0.535	0.532	0.530
18.1100	0.530	0.530	0.530	0.532	0.535	0.537	0.537	0.539	0.539	0.537
18.1200	0.537	0.535	0.535	0.535	0.532	0.530	0.530	0.530	0.530	0.530
18.1300	0.532	0.535	0.535	0.539	0.539	0.537	0.539	0.537	0.535	0.535
18.1400	0.532	0.532	0.530	0.530	0.530	0.530	0.530	0.535	0.532	0.535
18.1500	0.539	0.537	0.539	0.537	0.537	0.535	0.532	0.532	0.530	0.528
18.1600	0.530	0.528	0.530	0.532	0.532	0.535	0.535	0.537	0.537	0.537
18.1700	0.537	0.535	0.532	0.532	0.532	0.528	0.528	0.528	0.528	0.530
18.1800	0.532	0.535	0.532	0.539	0.537	0.537	0.537	0.537	0.535	0.532
18.1900	0.532	0.532	0.528	0.528	0.528	0.528	0.530	0.532	0.532	0.532
18.2000	0.537	0.537	0.535	0.535	0.535	0.532	0.532	0.530	0.528	0.528
18.2100	0.528	0.528	0.528	0.530	0.532	0.532	0.535	0.537	0.537	0.537
18.2200	0.535	0.532	0.532	0.532	0.530	0.526	0.528	0.528	0.528	0.528
18.2300	0.530	0.532	0.532	0.537	0.535	0.535	0.535	0.535	0.532	0.530
18.2400	0.530	0.528	0.526	0.526	0.526	0.528	0.528	0.530	0.532	0.532
18.2500	0.537	0.535	0.535	0.535	0.535	0.532	0.532	0.530	0.528	0.526
18.2600	0.528	0.528	0.528	0.530	0.532	0.532	0.535	0.537	0.535	0.535
18.2700	0.535	0.532	0.532	0.530	0.530	0.526	0.526	0.528	0.528	0.528
18.2800	0.530	0.530	0.532	0.537	0.535	0.535	0.535	0.535	0.532	0.532
18.2900	0.530	0.530	0.526	0.526	0.528	0.528	0.530	0.530	0.532	0.532
18.3000	0.535	0.535	0.535	0.535	0.535	0.532	0.530	0.530	0.526	0.526
18.3100	0.528	0.526	0.528	0.530	0.530	0.532	0.532	0.535	0.535	0.535
18.3200	0.535	0.532	0.532	0.530	0.528	0.526	0.526	0.526	0.528	0.526
18.3300	0.530	0.530	0.530	0.535	0.535	0.532	0.535	0.532	0.532	0.532
18.3400	0.530	0.530	0.526	0.526	0.526	0.526	0.528	0.530	0.530	0.532
18.3500	0.537	0.535	0.535	0.535	0.532	0.532	0.530	0.528	0.528	0.526
18.3600	0.528	0.526	0.528	0.530	0.530	0.532	0.535	0.535	0.535	0.535
18.3700	0.535	0.532	0.532	0.532	0.530	0.526	0.526	0.528	0.528	0.528
18.3800	0.530	0.532	0.532	0.535	0.537	0.535	0.535	0.535	0.532	0.530
18.3900	0.530	0.528	0.528	0.528	0.526	0.528	0.528	0.530	0.530	0.532
18.4000	0.537	0.535	0.535	0.535	0.532	0.532	0.530	0.530	0.528	0.526
18.4100	0.526	0.528	0.528	0.530	0.530	0.532	0.535	0.535	0.535	0.535
18.4200	0.535	0.532	0.530	0.530	0.530	0.526	0.526	0.528	0.526	0.528
18.4300	0.528	0.530	0.532	0.535	0.537	0.535	0.535	0.535	0.532	0.530
18.4400	0.530	0.530	0.526	0.526	0.526	0.528	0.528	0.530	0.532	0.532
18.4500	0.535	0.535	0.535	0.535	0.535	0.532	0.530	0.530	0.526	0.526
18.4600	0.526	0.528	0.526	0.528	0.530	0.530	0.532	0.535	0.535	0.535
18.4700	0.535	0.532	0.532	0.530	0.530	0.526	0.526	0.528	0.528	0.528
18.4800	0.530	0.530	0.532	0.537	0.535	0.535	0.535	0.532	0.532	0.530
18.4900	0.530	0.528	0.526	0.528	0.526	0.526	0.528	0.530	0.530	0.532

TEST M2 FINAL TRANSIENT 2596 (1 ms Data) PT1L MPA RECORD = 150

TIME	+ 0.0000	+ 0.0010	+ 0.0020	+ 0.0030	+ 0.0040	+ 0.0050	+ 0.0060	+ 0.0070	+ 0.0080	+ 0.0090
18.5000	0.535	0.535	0.535	0.535	0.535	0.532	0.530	0.530	0.528	0.526
18.5100	0.526	0.526	0.528	0.528	0.530	0.532	0.532	0.535	0.535	0.535
18.5200	0.535	0.532	0.530	0.530	0.530	0.526	0.526	0.526	0.528	0.528
18.5300	0.530	0.530	0.532	0.537	0.535	0.535	0.535	0.532	0.532	0.532
18.5400	0.530	0.530	0.526	0.526	0.528	0.526	0.528	0.530	0.530	0.532
18.5500	0.537	0.535	0.535	0.535	0.535	0.532	0.530	0.530	0.528	0.526
18.5600	0.528	0.528	0.528	0.530	0.530	0.532	0.535	0.537	0.535	0.535
18.5700	0.535	0.532	0.530	0.530	0.530	0.526	0.526	0.526	0.526	0.528
18.5800	0.528	0.530	0.532	0.535	0.537	0.535	0.535	0.532	0.530	0.530
18.5900	0.530	0.528	0.526	0.526	0.528	0.528	0.528	0.530	0.530	0.532
18.6000	0.537	0.535	0.535	0.535	0.532	0.532	0.530	0.528	0.528	0.526
18.6100	0.526	0.528	0.528	0.528	0.530	0.530	0.535	0.535	0.535	0.535
18.6200	0.535	0.532	0.530	0.530	0.530	0.526	0.526	0.528	0.526	0.528
18.6300	0.528	0.530	0.530	0.535	0.535	0.535	0.535	0.532	0.532	0.530
18.6400	0.530	0.528	0.526	0.526	0.526	0.528	0.528	0.530	0.532	0.532
18.6500	0.535	0.535	0.535	0.535	0.532	0.530	0.530	0.530	0.528	0.526
18.6600	0.526	0.526	0.526	0.528	0.530	0.530	0.532	0.537	0.535	0.535
18.6700	0.535	0.532	0.532	0.530	0.530	0.526	0.526	0.526	0.526	0.526
18.6800	0.528	0.530	0.530	0.535	0.535	0.535	0.535	0.535	0.532	0.530
18.6900	0.530	0.528	0.526	0.526	0.526	0.526	0.528	0.528	0.530	0.532
18.7000	0.535	0.535	0.535	0.535	0.532	0.530	0.530	0.530	0.526	0.526
18.7100	0.526	0.526	0.528	0.528	0.530	0.532	0.532	0.535	0.535	0.535
18.7200	0.535	0.532	0.530	0.530	0.528	0.523	0.526	0.526	0.526	0.526
18.7300	0.528	0.530	0.530	0.535	0.535	0.535	0.535	0.532	0.532	0.530
18.7400	0.528	0.528	0.526	0.526	0.526	0.526	0.528	0.530	0.530	0.532
18.7500	0.535	0.535	0.532	0.532	0.532	0.532	0.530	0.530	0.526	0.526
18.7600	0.526	0.526	0.526	0.528	0.528	0.530	0.532	0.535	0.535	0.532
18.7700	0.532	0.532	0.530	0.530	0.528	0.523	0.526	0.526	0.526	0.526
18.7800	0.528	0.530	0.530	0.535	0.535	0.532	0.535	0.532	0.530	0.530
18.7900	0.530	0.528	0.526	0.526	0.526	0.526	0.528	0.530	0.530	0.530
18.8000	0.535	0.535	0.535	0.532	0.532	0.530	0.530	0.528	0.528	0.526
18.8100	0.526	0.526	0.526	0.528	0.528	0.530	0.532	0.535	0.532	0.532
18.8200	0.532	0.532	0.530	0.530	0.528	0.523	0.523	0.526	0.526	0.526
18.8300	0.528	0.530	0.530	0.535	0.535	0.532	0.532	0.532	0.530	0.530
18.8400	0.528	0.526	0.523	0.526	0.526	0.526	0.526	0.528	0.530	0.530
18.8500	0.535	0.535	0.532	0.532	0.532	0.530	0.530	0.528	0.526	0.526
18.8600	0.526	0.526	0.526	0.528	0.530	0.530	0.532	0.535	0.532	0.532
18.8700	0.532	0.532	0.530	0.528	0.528	0.523	0.526	0.526	0.523	0.526
18.8800	0.528	0.528	0.530	0.535	0.535	0.532	0.532	0.532	0.530	0.528
18.8900	0.528	0.528	0.523	0.526	0.523	0.526	0.528	0.528	0.530	0.530
18.9000	0.535	0.535	0.532	0.532	0.532	0.530	0.530	0.528	0.526	0.526
18.9100	0.523	0.526	0.526	0.526	0.528	0.530	0.532	0.532	0.535	0.532
18.9200	0.532	0.530	0.530	0.530	0.528	0.526	0.523	0.526	0.526	0.526
18.9300	0.528	0.528	0.530	0.535	0.532	0.532	0.532	0.532	0.530	0.530
18.9400	0.528	0.528	0.523	0.523	0.526	0.526	0.526	0.528	0.528	0.530
18.9500	0.532	0.532	0.532	0.532	0.532	0.530	0.528	0.528	0.526	0.523
18.9600	0.526	0.523	0.526	0.528	0.528	0.530	0.532	0.535	0.532	0.532
18.9700	0.532	0.530	0.528	0.528	0.528	0.523	0.523	0.523	0.526	0.526
18.9800	0.528	0.528	0.528	0.535	0.535	0.532	0.532	0.532	0.530	0.530
18.9900	0.528	0.528	0.523	0.523	0.523	0.523	0.526	0.528	0.528	0.530

TEST M2 FINAL TRANSIENT 2596 (1 ms Data) PT2L MPA RECORD = 151

TIME	+ 0.0000	+ 0.0010	+ 0.0020	+ 0.0030	+ 0.0040	+ 0.0050	+ 0.0060	+ 0.0070	+ 0.0080	+ 0.0090
16.0000	0.464	0.464	0.462	0.464	0.464	0.466	0.469	0.471	0.473	0.473
16.0100	0.475	0.473	0.473	0.473	0.471	0.469	0.466	0.464	0.464	0.464
16.0200	0.466	0.464	0.466	0.469	0.473	0.473	0.473	0.473	0.473	0.473
16.0300	0.473	0.469	0.466	0.464	0.464	0.464	0.466	0.466	0.466	0.469
16.0400	0.471	0.473	0.473	0.473	0.473	0.473	0.473	0.471	0.469	0.466
16.0500	0.464	0.464	0.464	0.466	0.466	0.466	0.469	0.471	0.473	0.473
16.0600	0.475	0.473	0.473	0.473	0.471	0.469	0.466	0.464	0.464	0.464
16.0700	0.466	0.466	0.466	0.469	0.473	0.473	0.475	0.475	0.473	0.473
16.0800	0.473	0.471	0.469	0.464	0.464	0.464	0.466	0.466	0.466	0.469
16.0900	0.471	0.473	0.475	0.475	0.475	0.473	0.473	0.471	0.471	0.466
16.1000	0.464	0.464	0.464	0.466	0.466	0.466	0.469	0.471	0.475	0.473
16.1100	0.475	0.473	0.473	0.473	0.471	0.469	0.466	0.466	0.464	0.466
16.1200	0.466	0.466	0.469	0.471	0.473	0.475	0.475	0.475	0.473	0.473
16.1300	0.473	0.471	0.469	0.466	0.466	0.466	0.466	0.466	0.466	0.469
16.1400	0.471	0.475	0.475	0.475	0.475	0.473	0.475	0.473	0.469	0.466
16.1500	0.466	0.466	0.464	0.466	0.466	0.469	0.469	0.471	0.475	0.475
16.1600	0.475	0.475	0.475	0.475	0.473	0.471	0.466	0.466	0.466	0.464
16.1700	0.466	0.466	0.469	0.471	0.473	0.475	0.475	0.477	0.475	0.475
16.1800	0.473	0.471	0.469	0.466	0.466	0.466	0.469	0.466	0.466	0.469
16.1900	0.471	0.475	0.475	0.477	0.477	0.475	0.475	0.473	0.471	0.469
16.2000	0.466	0.466	0.466	0.466	0.466	0.469	0.471	0.473	0.475	0.475
16.2100	0.477	0.475	0.475	0.475	0.473	0.471	0.469	0.466	0.466	0.466
16.2200	0.469	0.469	0.469	0.471	0.475	0.475	0.475	0.477	0.475	0.475
16.2300	0.475	0.471	0.469	0.466	0.469	0.466	0.469	0.469	0.469	0.471
16.2400	0.473	0.477	0.475	0.477	0.477	0.475	0.475	0.473	0.471	0.469
16.2500	0.466	0.466	0.466	0.469	0.469	0.469	0.471	0.473	0.477	0.475
16.2600	0.477	0.475	0.475	0.475	0.473	0.471	0.469	0.469	0.466	0.466
16.2700	0.469	0.469	0.469	0.473	0.475	0.475	0.477	0.477	0.475	0.475
16.2800	0.475	0.473	0.471	0.469	0.469	0.466	0.469	0.469	0.469	0.471
16.2900	0.473	0.475	0.477	0.477	0.477	0.475	0.475	0.475	0.473	0.469
16.3000	0.469	0.469	0.466	0.469	0.469	0.469	0.471	0.475	0.477	0.477
16.3100	0.477	0.477	0.475	0.475	0.475	0.471	0.469	0.469	0.469	0.469
16.3200	0.471	0.469	0.471	0.473	0.475	0.477	0.477	0.477	0.477	0.477
16.3300	0.475	0.473	0.471	0.469	0.469	0.469	0.469	0.469	0.469	0.471
16.3400	0.473	0.477	0.477	0.479	0.477	0.477	0.477	0.475	0.473	0.469
16.3500	0.469	0.469	0.466	0.469	0.469	0.471	0.471	0.475	0.477	0.477
16.3600	0.479	0.477	0.477	0.477	0.475	0.473	0.469	0.469	0.469	0.469
16.3700	0.471	0.469	0.471	0.473	0.475	0.477	0.477	0.479	0.477	0.477
16.3800	0.477	0.475	0.471	0.469	0.469	0.469	0.469	0.469	0.471	0.473
16.3900	0.475	0.477	0.477	0.479	0.479	0.477	0.477	0.475	0.473	0.471
16.4000	0.469	0.469	0.469	0.471	0.471	0.471	0.473	0.475	0.477	0.477
16.4100	0.479	0.477	0.477	0.477	0.477	0.473	0.471	0.469	0.469	0.469
16.4200	0.471	0.471	0.471	0.475	0.475	0.477	0.479	0.479	0.477	0.477
16.4300	0.477	0.475	0.471	0.469	0.471	0.469	0.471	0.471	0.471	0.473
16.4400	0.475	0.477	0.479	0.479	0.479	0.477	0.479	0.477	0.475	0.471
16.4500	0.471	0.471	0.469	0.471	0.471	0.473	0.473	0.477	0.479	0.479
16.4600	0.479	0.477	0.477	0.477	0.477	0.473	0.471	0.471	0.471	0.471
16.4700	0.471	0.471	0.473	0.475	0.477	0.479	0.479	0.479	0.479	0.479
16.4800	0.477	0.475	0.473	0.471	0.471	0.469	0.471	0.471	0.471	0.473
16.4900	0.475	0.479	0.479	0.479	0.479	0.479	0.479	0.477	0.475	0.473

TEST M2 FINAL TRANSIENT 2596 (1 ms Data) PT2L MPA RECORD = 152

TIME	+ 0.0000	+ 0.0010	+ 0.0020	+ 0.0030	+ 0.0040	+ 0.0050	+ 0.0060	+ 0.0070	+ 0.0080	+ 0.0090
16.5000	0.471	0.471	0.471	0.473	0.471	0.473	0.473	0.477	0.479	0.479
16.5100	0.482	0.479	0.479	0.479	0.477	0.475	0.473	0.471	0.471	0.471
16.5200	0.473	0.471	0.473	0.475	0.479	0.479	0.479	0.482	0.479	0.479
16.5300	0.477	0.477	0.475	0.471	0.471	0.471	0.473	0.473	0.473	0.473
16.5400	0.477	0.479	0.479	0.482	0.482	0.479	0.479	0.477	0.477	0.473
16.5500	0.471	0.471	0.471	0.473	0.473	0.473	0.475	0.477	0.479	0.479
16.5600	0.482	0.479	0.479	0.479	0.477	0.475	0.473	0.473	0.471	0.471
16.5700	0.473	0.473	0.475	0.477	0.479	0.482	0.482	0.482	0.482	0.479
16.5800	0.479	0.477	0.475	0.473	0.473	0.471	0.473	0.473	0.473	0.475
16.5900	0.477	0.479	0.479	0.482	0.482	0.479	0.482	0.479	0.477	0.473
16.6000	0.473	0.473	0.471	0.473	0.473	0.475	0.475	0.479	0.482	0.482
16.6100	0.482	0.482	0.482	0.482	0.477	0.477	0.473	0.473	0.473	0.473
16.6200	0.475	0.473	0.475	0.477	0.479	0.482	0.482	0.484	0.482	0.482
16.6300	0.479	0.479	0.475	0.473	0.473	0.473	0.473	0.473	0.473	0.475
16.6400	0.477	0.482	0.482	0.482	0.484	0.482	0.482	0.479	0.477	0.475
16.6500	0.473	0.473	0.473	0.473	0.473	0.475	0.477	0.479	0.482	0.482
16.6600	0.484	0.482	0.482	0.482	0.479	0.477	0.473	0.473	0.473	0.473
16.6700	0.475	0.475	0.475	0.477	0.482	0.482	0.482	0.484	0.482	0.482
16.6800	0.482	0.479	0.475	0.473	0.473	0.473	0.475	0.475	0.475	0.477
16.6900	0.479	0.482	0.482	0.484	0.484	0.482	0.482	0.479	0.477	0.475
16.7000	0.475	0.475	0.473	0.475	0.473	0.475	0.477	0.479	0.482	0.484
16.7100	0.484	0.482	0.482	0.482	0.479	0.477	0.475	0.473	0.473	0.473
16.7200	0.475	0.475	0.475	0.479	0.482	0.484	0.484	0.484	0.482	0.484
16.7300	0.482	0.479	0.477	0.475	0.475	0.473	0.475	0.475	0.475	0.477
16.7400	0.479	0.482	0.484	0.484	0.484	0.484	0.484	0.482	0.479	0.475
16.7500	0.475	0.475	0.473	0.475	0.475	0.475	0.479	0.482	0.484	0.484
16.7600	0.486	0.484	0.482	0.482	0.482	0.477	0.475	0.475	0.475	0.475
16.7700	0.475	0.475	0.477	0.479	0.482	0.484	0.484	0.484	0.484	0.484
16.7800	0.484	0.479	0.477	0.475	0.475	0.475	0.477	0.477	0.477	0.477
16.7900	0.479	0.484	0.484	0.486	0.484	0.484	0.484	0.482	0.479	0.477
16.8000	0.477	0.475	0.475	0.475	0.475	0.477	0.479	0.482	0.484	0.484
16.8100	0.486	0.484	0.484	0.484	0.482	0.479	0.477	0.475	0.475	0.475
16.8200	0.477	0.475	0.477	0.482	0.484	0.484	0.486	0.486	0.484	0.484
16.8300	0.484	0.482	0.477	0.477	0.475	0.475	0.477	0.477	0.477	0.479
16.8400	0.482	0.484	0.484	0.486	0.486	0.484	0.486	0.482	0.479	0.477
16.8500	0.477	0.475	0.475	0.477	0.477	0.477	0.479	0.484	0.486	0.486
16.8600	0.486	0.486	0.484	0.486	0.482	0.479	0.477	0.477	0.475	0.477
16.8700	0.477	0.477	0.477	0.482	0.484	0.486	0.486	0.486	0.486	0.486
16.8800	0.484	0.482	0.479	0.475	0.475	0.475	0.477	0.477	0.477	0.479
16.8900	0.484	0.486	0.486	0.486	0.486	0.484	0.486	0.484	0.482	0.477
16.9000	0.477	0.477	0.477	0.477	0.477	0.479	0.482	0.484	0.486	0.486
16.9100	0.488	0.486	0.486	0.486	0.484	0.479	0.477	0.477	0.477	0.477
16.9200	0.477	0.477	0.479	0.482	0.486	0.486	0.486	0.488	0.486	0.486
16.9300	0.486	0.482	0.479	0.477	0.477	0.477	0.477	0.477	0.477	0.479
16.9400	0.484	0.486	0.486	0.488	0.486	0.486	0.486	0.484	0.482	0.479
16.9500	0.477	0.477	0.477	0.479	0.477	0.479	0.482	0.484	0.486	0.486
16.9600	0.488	0.486	0.486	0.486	0.484	0.482	0.477	0.477	0.477	0.477
16.9700	0.479	0.479	0.482	0.482	0.486	0.486	0.488	0.488	0.486	0.486
16.9800	0.486	0.484	0.482	0.477	0.477	0.477	0.479	0.477	0.479	0.482
16.9900	0.484	0.486	0.486	0.488	0.488	0.486	0.486	0.484	0.482	0.479

TEST M2 FINAL TRANSIENT 2596 (1 ms Data) PT2L MPA RECORD = 153

TIME	+ 0.0000	+ 0.0010	+ 0.0020	+ 0.0030	+ 0.0040	+ 0.0050	+ 0.0060	+ 0.0070	+ 0.0080	+ 0.0090
17.0000	0.477	0.477	0.477	0.479	0.479	0.479	0.482	0.486	0.488	0.488
17.0100	0.488	0.486	0.486	0.486	0.484	0.482	0.479	0.479	0.477	0.477
17.0200	0.479	0.482	0.540	0.555	0.553	0.511	0.503	0.488	0.475	0.477
17.0300	0.507	0.503	0.498	0.494	0.473	0.458	0.471	0.498	0.518	0.520
17.0400	0.514	0.518	0.540	0.535	0.458	0.424	0.569	0.569	0.533	0.449
17.0500	0.458	0.486	0.522	0.494	0.490	0.490	0.496	0.507	0.498	0.505
17.0600	0.546	0.555	0.569	0.580	0.574	0.591	0.587	0.565	0.527	0.516
17.0700	0.514	0.546	0.580	0.589	0.617	0.645	0.694	0.647	0.606	0.585
17.0800	0.576	0.569	0.542	0.529	0.520	0.522	0.529	0.527	0.529	0.542
17.0900	0.555	0.563	0.569	0.574	0.582	0.589	0.593	0.600	0.602	0.602
17.1000	0.606	0.604	0.604	0.608	0.608	0.611	0.611	0.611	0.606	0.604
17.1100	0.604	0.600	0.600	0.598	0.595	0.593	0.591	0.593	0.593	0.595
17.1200	0.598	0.598	0.602	0.604	0.608	0.611	0.613	0.615	0.613	0.613
17.1300	0.611	0.606	0.602	0.598	0.598	0.598	0.600	0.600	0.602	0.604
17.1400	0.608	0.611	0.608	0.611	0.608	0.608	0.608	0.606	0.604	0.600
17.1500	0.600	0.598	0.598	0.600	0.600	0.600	0.600	0.604	0.606	0.606
17.1600	0.606	0.606	0.608	0.606	0.604	0.602	0.598	0.598	0.600	0.604
17.1700	0.604	0.602	0.604	0.606	0.606	0.602	0.606	0.606	0.606	0.606
17.1800	0.606	0.602	0.600	0.598	0.598	0.600	0.598	0.595	0.604	0.602
17.1900	0.598	0.608	0.608	0.611	0.608	0.608	0.606	0.602	0.598	0.595
17.2000	0.600	0.602	0.602	0.600	0.598	0.598	0.602	0.606	0.608	0.608
17.2100	0.606	0.615	0.611	0.608	0.608	0.602	0.600	0.602	0.598	0.593
17.2200	0.591	0.595	0.598	0.600	0.600	0.600	0.600	0.602	0.602	0.602
17.2300	0.604	0.602	0.602	0.602	0.602	0.598	0.600	0.600	0.602	0.602
17.2400	0.604	0.606	0.604	0.602	0.602	0.600	0.598	0.595	0.591	0.589
17.2500	0.591	0.593	0.595	0.595	0.595	0.593	0.598	0.606	0.611	0.608
17.2600	0.608	0.604	0.602	0.602	0.600	0.593	0.591	0.589	0.589	0.593
17.2700	0.595	0.598	0.604	0.606	0.606	0.608	0.611	0.606	0.598	0.589
17.2800	0.591	0.593	0.589	0.589	0.593	0.589	0.589	0.598	0.600	0.598
17.2900	0.600	0.608	0.606	0.606	0.604	0.600	0.598	0.598	0.593	0.589
17.3000	0.587	0.589	0.585	0.585	0.582	0.587	0.589	0.591	0.598	0.593
17.3100	0.595	0.595	0.595	0.598	0.595	0.595	0.589	0.585	0.585	0.591
17.3200	0.591	0.591	0.591	0.595	0.595	0.595	0.595	0.598	0.595	0.593
17.3300	0.591	0.589	0.587	0.585	0.582	0.582	0.582	0.582	0.582	0.587
17.3400	0.591	0.595	0.595	0.595	0.595	0.593	0.595	0.591	0.587	0.585
17.3500	0.582	0.580	0.578	0.580	0.580	0.580	0.582	0.585	0.585	0.587
17.3600	0.589	0.591	0.589	0.589	0.585	0.585	0.585	0.587	0.589	0.585
17.3700	0.585	0.585	0.587	0.587	0.585	0.589	0.589	0.589	0.585	0.582
17.3800	0.578	0.578	0.578	0.576	0.572	0.569	0.574	0.580	0.580	0.578
17.3900	0.580	0.587	0.589	0.589	0.587	0.585	0.585	0.582	0.580	0.578
17.4000	0.574	0.574	0.572	0.576	0.576	0.574	0.578	0.580	0.585	0.582
17.4100	0.582	0.580	0.580	0.580	0.580	0.580	0.580	0.576	0.578	0.582
17.4200	0.582	0.585	0.582	0.587	0.585	0.585	0.582	0.580	0.574	0.572
17.4300	0.569	0.572	0.572	0.567	0.567	0.567	0.567	0.572	0.574	0.578
17.4400	0.578	0.580	0.580	0.582	0.585	0.587	0.587	0.585	0.580	0.578
17.4500	0.578	0.576	0.572	0.572	0.572	0.576	0.574	0.572	0.569	0.576
17.4600	0.576	0.580	0.578	0.572	0.569	0.574	0.576	0.574	0.574	0.574
17.4700	0.576	0.576	0.574	0.574	0.574	0.578	0.580	0.580	0.576	0.576
17.4800	0.574	0.582	0.578	0.569	0.563	0.567	0.574	0.572	0.567	0.572
17.4900	0.576	0.578	0.569	0.572	0.576	0.576	0.576	0.569	0.569	0.567

TEST M2 FINAL TRANSIENT 2596 (1 ms Data) PT2L MPA RECORD = 154

TIME	+ 0.0000	+ 0.0010	+ 0.0020	+ 0.0030	+ 0.0040	+ 0.0050	+ 0.0060	+ 0.0070	+ 0.0080	+ 0.0090
17.5000	0.567	0.567	0.561	0.565	0.567	0.576	0.574	0.576	0.580	0.585
17.5100	0.587	0.582	0.582	0.580	0.578	0.574	0.569	0.567	0.561	0.567
17.5200	0.569	0.569	0.565	0.569	0.574	0.578	0.578	0.574	0.580	0.582
17.5300	0.580	0.572	0.565	0.565	0.565	0.565	0.567	0.565	0.567	0.572
17.5400	0.572	0.574	0.574	0.574	0.574	0.574	0.574	0.569	0.565	0.567
17.5500	0.567	0.565	0.563	0.565	0.565	0.565	0.569	0.572	0.578	0.578
17.5600	0.580	0.580	0.580	0.578	0.572	0.567	0.561	0.559	0.561	0.559
17.5700	0.563	0.563	0.565	0.563	0.567	0.576	0.578	0.580	0.578	0.574
17.5800	0.574	0.572	0.567	0.563	0.565	0.565	0.565	0.563	0.565	0.565
17.5900	0.569	0.569	0.572	0.572	0.567	0.569	0.569	0.567	0.565	0.565
17.6000	0.569	0.567	0.561	0.563	0.563	0.567	0.567	0.567	0.572	0.572
17.6100	0.572	0.569	0.569	0.569	0.565	0.563	0.561	0.563	0.559	0.561
17.6200	0.561	0.561	0.565	0.567	0.567	0.572	0.572	0.572	0.569	0.569
17.6300	0.567	0.567	0.563	0.563	0.561	0.559	0.561	0.559	0.561	0.561
17.6400	0.565	0.567	0.567	0.569	0.572	0.574	0.574	0.567	0.563	0.563
17.6500	0.561	0.557	0.555	0.555	0.555	0.557	0.559	0.561	0.565	0.567
17.6600	0.567	0.565	0.563	0.563	0.563	0.561	0.559	0.559	0.559	0.559
17.6700	0.561	0.559	0.559	0.561	0.563	0.563	0.565	0.565	0.563	0.563
17.6800	0.561	0.559	0.557	0.555	0.555	0.553	0.555	0.555	0.555	0.557
17.6900	0.559	0.561	0.561	0.563	0.563	0.559	0.561	0.559	0.557	0.555
17.7000	0.555	0.553	0.550	0.553	0.555	0.557	0.557	0.557	0.559	0.561
17.7100	0.559	0.559	0.559	0.557	0.555	0.555	0.550	0.550	0.548	0.548
17.7200	0.550	0.550	0.553	0.555	0.557	0.557	0.559	0.559	0.557	0.557
17.7300	0.557	0.555	0.553	0.548	0.548	0.546	0.546	0.546	0.546	0.550
17.7400	0.550	0.553	0.555	0.555	0.555	0.553	0.555	0.553	0.550	0.546
17.7500	0.546	0.546	0.546	0.546	0.546	0.548	0.548	0.550	0.553	0.555
17.7600	0.555	0.553	0.553	0.553	0.548	0.546	0.544	0.544	0.542	0.542
17.7700	0.544	0.544	0.544	0.546	0.548	0.548	0.550	0.553	0.550	0.550
17.7800	0.548	0.548	0.544	0.542	0.542	0.540	0.542	0.542	0.542	0.546
17.7900	0.546	0.548	0.548	0.550	0.550	0.548	0.548	0.546	0.544	0.542
17.8000	0.540	0.540	0.540	0.542	0.540	0.542	0.544	0.546	0.548	0.550
17.8100	0.550	0.550	0.546	0.548	0.546	0.542	0.537	0.537	0.537	0.537
17.8200	0.537	0.537	0.540	0.542	0.544	0.546	0.546	0.548	0.544	0.544
17.8300	0.544	0.540	0.537	0.537	0.537	0.535	0.537	0.537	0.537	0.540
17.8400	0.540	0.546	0.546	0.546	0.548	0.542	0.544	0.542	0.540	0.537
17.8500	0.533	0.535	0.535	0.535	0.535	0.537	0.537	0.542	0.544	0.544
17.8600	0.544	0.544	0.542	0.542	0.540	0.537	0.533	0.535	0.533	0.533
17.8700	0.533	0.535	0.535	0.537	0.540	0.542	0.542	0.542	0.540	0.542
17.8800	0.542	0.537	0.535	0.533	0.533	0.531	0.531	0.533	0.533	0.535
17.8900	0.537	0.540	0.540	0.542	0.542	0.540	0.540	0.537	0.535	0.531
17.9000	0.529	0.529	0.529	0.531	0.529	0.531	0.533	0.537	0.537	0.540
17.9100	0.540	0.537	0.537	0.537	0.533	0.535	0.531	0.529	0.527	0.529
17.9200	0.529	0.529	0.529	0.531	0.535	0.535	0.535	0.540	0.535	0.535
17.9300	0.535	0.533	0.529	0.529	0.529	0.524	0.527	0.529	0.531	0.531
17.9400	0.533	0.535	0.535	0.533	0.533	0.533	0.537	0.533	0.531	0.527
17.9500	0.527	0.524	0.524	0.527	0.527	0.527	0.529	0.531	0.533	0.533
17.9600	0.535	0.535	0.535	0.533	0.531	0.529	0.524	0.522	0.520	0.524
17.9700	0.524	0.524	0.527	0.529	0.533	0.533	0.533	0.533	0.531	0.531
17.9800	0.531	0.529	0.527	0.524	0.524	0.522	0.524	0.524	0.522	0.524
17.9900	0.529	0.531	0.533	0.533	0.533	0.531	0.531	0.529	0.527	0.522

TEST M2 FINAL TRANSIENT 2596 (1 ms Data) PT2L MPA RECORD = 155

TIME	+ 0.0000	+ 0.0010	+ 0.0020	+ 0.0030	+ 0.0040	+ 0.0050	+ 0.0060	+ 0.0070	+ 0.0080	+ 0.0090
18.0000	0.522	0.522	0.522	0.524	0.524	0.524	0.527	0.529	0.531	0.531
18.0100	0.531	0.529	0.529	0.529	0.527	0.524	0.522	0.522	0.522	0.522
18.0200	0.522	0.522	0.524	0.527	0.529	0.529	0.529	0.531	0.531	0.531
18.0300	0.529	0.527	0.524	0.522	0.520	0.520	0.522	0.522	0.524	0.527
18.0400	0.527	0.529	0.529	0.531	0.531	0.529	0.529	0.527	0.527	0.522
18.0500	0.522	0.522	0.520	0.522	0.522	0.522	0.524	0.527	0.529	0.529
18.0600	0.531	0.529	0.529	0.529	0.527	0.524	0.520	0.520	0.518	0.520
18.0700	0.522	0.522	0.522	0.524	0.529	0.529	0.529	0.529	0.529	0.529
18.0800	0.529	0.527	0.522	0.520	0.520	0.518	0.520	0.520	0.520	0.522
18.0900	0.527	0.529	0.531	0.531	0.531	0.531	0.527	0.527	0.520	0.520
18.1000	0.518	0.520	0.518	0.522	0.522	0.520	0.522	0.524	0.529	0.529
18.1100	0.531	0.529	0.529	0.529	0.524	0.520	0.516	0.518	0.516	0.518
18.1200	0.520	0.520	0.522	0.522	0.527	0.527	0.527	0.529	0.527	0.527
18.1300	0.527	0.524	0.520	0.518	0.518	0.518	0.520	0.520	0.518	0.522
18.1400	0.524	0.527	0.527	0.527	0.527	0.527	0.527	0.524	0.522	0.520
18.1500	0.518	0.518	0.518	0.518	0.518	0.520	0.520	0.524	0.527	0.527
18.1600	0.527	0.524	0.524	0.524	0.522	0.520	0.518	0.518	0.518	0.518
18.1700	0.520	0.520	0.520	0.522	0.524	0.524	0.527	0.527	0.527	0.527
18.1800	0.524	0.522	0.518	0.516	0.516	0.516	0.518	0.518	0.518	0.520
18.1900	0.522	0.524	0.527	0.527	0.524	0.524	0.524	0.522	0.520	0.518
18.2000	0.516	0.516	0.514	0.516	0.518	0.518	0.520	0.522	0.524	0.524
18.2100	0.524	0.524	0.522	0.524	0.522	0.520	0.516	0.518	0.516	0.516
18.2200	0.516	0.516	0.518	0.520	0.524	0.524	0.524	0.527	0.524	0.522
18.2300	0.522	0.520	0.518	0.514	0.514	0.514	0.516	0.516	0.516	0.518
18.2400	0.520	0.524	0.524	0.524	0.524	0.522	0.522	0.520	0.516	0.516
18.2500	0.516	0.516	0.514	0.516	0.516	0.516	0.520	0.520	0.522	0.522
18.2600	0.524	0.522	0.524	0.522	0.520	0.518	0.514	0.514	0.514	0.514
18.2700	0.516	0.516	0.518	0.520	0.522	0.522	0.522	0.524	0.522	0.522
18.2800	0.522	0.520	0.516	0.514	0.514	0.514	0.516	0.514	0.516	0.518
18.2900	0.520	0.522	0.524	0.524	0.522	0.522	0.522	0.520	0.518	0.516
18.3000	0.516	0.514	0.514	0.516	0.516	0.516	0.518	0.520	0.522	0.522
18.3100	0.524	0.522	0.522	0.522	0.520	0.518	0.514	0.514	0.514	0.514
18.3200	0.514	0.514	0.516	0.520	0.522	0.522	0.522	0.524	0.522	0.520
18.3300	0.522	0.520	0.516	0.514	0.514	0.514	0.514	0.514	0.514	0.516
18.3400	0.520	0.522	0.522	0.522	0.524	0.522	0.522	0.520	0.518	0.516
18.3500	0.514	0.514	0.514	0.514	0.514	0.516	0.518	0.520	0.520	0.522
18.3600	0.522	0.522	0.522	0.522	0.520	0.518	0.514	0.514	0.514	0.514
18.3700	0.514	0.514	0.516	0.518	0.520	0.522	0.522	0.522	0.520	0.522
18.3800	0.520	0.520	0.516	0.514	0.514	0.514	0.514	0.514	0.514	0.516
18.3900	0.518	0.522	0.522	0.522	0.522	0.522	0.522	0.520	0.518	0.514
18.4000	0.514	0.514	0.514	0.516	0.516	0.516	0.518	0.520	0.522	0.522
18.4100	0.522	0.520	0.522	0.520	0.520	0.516	0.514	0.514	0.511	0.514
18.4200	0.514	0.514	0.516	0.518	0.520	0.522	0.522	0.522	0.520	0.522
18.4300	0.520	0.520	0.518	0.514	0.514	0.511	0.514	0.514	0.514	0.516
18.4400	0.518	0.522	0.522	0.524	0.522	0.520	0.522	0.520	0.518	0.514
18.4500	0.514	0.514	0.511	0.514	0.514	0.514	0.518	0.520	0.522	0.522
18.4600	0.522	0.520	0.520	0.520	0.518	0.516	0.514	0.514	0.511	0.514
18.4700	0.514	0.514	0.516	0.518	0.520	0.522	0.522	0.522	0.520	0.520
18.4800	0.520	0.518	0.516	0.514	0.511	0.511	0.514	0.514	0.514	0.516
18.4900	0.518	0.522	0.520	0.522	0.522	0.520	0.520	0.518	0.516	0.514

TEST M2 FINAL TRANSIENT 2596 (1 ms Data) PT2L MPA RECORD = 156

TIME	+ 0.0000	+ 0.0010	+ 0.0020	+ 0.0030	+ 0.0040	+ 0.0050	+ 0.0060	+ 0.0070	+ 0.0080	+ 0.0090
18.5000	0.514	0.514	0.511	0.514	0.514	0.514	0.516	0.520	0.520	0.520
18.5100	0.522	0.520	0.520	0.520	0.518	0.516	0.514	0.514	0.511	0.511
18.5200	0.514	0.514	0.514	0.516	0.520	0.520	0.522	0.522	0.520	0.520
18.5300	0.520	0.518	0.514	0.511	0.511	0.511	0.514	0.514	0.511	0.516
18.5400	0.518	0.520	0.520	0.522	0.520	0.520	0.520	0.518	0.516	0.514
18.5500	0.514	0.511	0.511	0.511	0.511	0.514	0.516	0.518	0.520	0.520
18.5600	0.522	0.520	0.520	0.520	0.518	0.516	0.514	0.511	0.511	0.511
18.5700	0.511	0.511	0.514	0.516	0.520	0.520	0.520	0.522	0.520	0.520
18.5800	0.520	0.518	0.514	0.511	0.511	0.511	0.511	0.511	0.514	0.514
18.5900	0.518	0.520	0.520	0.522	0.520	0.520	0.520	0.518	0.516	0.511
18.6000	0.511	0.511	0.509	0.511	0.511	0.514	0.516	0.518	0.520	0.520
18.6100	0.520	0.520	0.520	0.520	0.518	0.514	0.511	0.511	0.511	0.511
18.6200	0.511	0.511	0.514	0.516	0.518	0.520	0.520	0.522	0.520	0.520
18.6300	0.518	0.516	0.514	0.511	0.511	0.509	0.511	0.511	0.511	0.514
18.6400	0.516	0.520	0.520	0.520	0.520	0.518	0.520	0.518	0.516	0.511
18.6500	0.511	0.509	0.509	0.511	0.511	0.511	0.514	0.518	0.520	0.520
18.6600	0.520	0.518	0.518	0.518	0.516	0.514	0.511	0.511	0.511	0.511
18.6700	0.511	0.511	0.514	0.516	0.518	0.520	0.520	0.520	0.518	0.518
18.6800	0.518	0.516	0.514	0.511	0.511	0.509	0.511	0.511	0.511	0.514
18.6900	0.516	0.518	0.520	0.520	0.520	0.518	0.520	0.516	0.514	0.511
18.7000	0.511	0.509	0.509	0.511	0.509	0.511	0.514	0.518	0.518	0.518
18.7100	0.520	0.518	0.518	0.518	0.516	0.514	0.511	0.511	0.509	0.509
18.7200	0.511	0.511	0.511	0.516	0.518	0.518	0.520	0.520	0.518	0.518
18.7300	0.516	0.514	0.511	0.511	0.509	0.509	0.511	0.511	0.511	0.514
18.7400	0.516	0.518	0.518	0.520	0.518	0.518	0.518	0.516	0.514	0.511
18.7500	0.509	0.509	0.509	0.511	0.511	0.511	0.514	0.516	0.518	0.518
18.7600	0.520	0.518	0.518	0.518	0.516	0.514	0.509	0.509	0.509	0.509
18.7700	0.511	0.509	0.511	0.514	0.518	0.518	0.520	0.520	0.518	0.518
18.7800	0.518	0.514	0.511	0.509	0.509	0.509	0.509	0.511	0.511	0.514
18.7900	0.516	0.518	0.518	0.520	0.520	0.518	0.518	0.516	0.514	0.511
18.8000	0.509	0.509	0.507	0.509	0.509	0.511	0.514	0.516	0.518	0.518
18.8100	0.520	0.518	0.516	0.518	0.516	0.514	0.509	0.509	0.509	0.509
18.8200	0.509	0.509	0.511	0.514	0.516	0.518	0.518	0.518	0.518	0.518
18.8300	0.516	0.514	0.511	0.509	0.509	0.509	0.509	0.509	0.509	0.511
18.8400	0.514	0.516	0.516	0.518	0.518	0.518	0.516	0.516	0.514	0.509
18.8500	0.509	0.509	0.507	0.509	0.509	0.509	0.511	0.516	0.516	0.518
18.8600	0.518	0.516	0.516	0.516	0.514	0.511	0.509	0.509	0.507	0.507
18.8700	0.509	0.507	0.511	0.511	0.516	0.518	0.518	0.518	0.516	0.518
18.8800	0.516	0.514	0.511	0.509	0.509	0.507	0.509	0.509	0.509	0.511
18.8900	0.514	0.516	0.516	0.518	0.518	0.516	0.516	0.514	0.511	0.509
18.9000	0.509	0.509	0.507	0.509	0.509	0.509	0.511	0.514	0.516	0.516
18.9100	0.518	0.516	0.516	0.516	0.514	0.511	0.509	0.509	0.507	0.507
18.9200	0.509	0.507	0.509	0.514	0.516	0.518	0.516	0.518	0.516	0.516
18.9300	0.516	0.511	0.509	0.509	0.507	0.507	0.507	0.509	0.509	0.511
18.9400	0.514	0.516	0.518	0.516	0.518	0.516	0.516	0.514	0.511	0.509
18.9500	0.507	0.507	0.507	0.509	0.507	0.509	0.511	0.514	0.516	0.516
18.9600	0.518	0.516	0.516	0.516	0.514	0.511	0.509	0.507	0.507	0.507
18.9700	0.507	0.507	0.509	0.511	0.516	0.516	0.516	0.518	0.516	0.516
18.9800	0.514	0.514	0.509	0.507	0.507	0.507	0.507	0.507	0.507	0.511
18.9900	0.511	0.514	0.516	0.516	0.516	0.516	0.514	0.514	0.511	0.507

TEST M2 FINAL TRANSIENT 2596 (.1 ms Data) PT1H MPA RECORD = 157

TIME	+ 0.0000	+ 0.0001	+ 0.0002	+ 0.0003	+ 0.0004	+ 0.0005	+ 0.0006	+ 0.0007	+ 0.0008	+ 0.0009
17.0000	0.495	0.496	0.495	0.492	0.495	0.494	0.489	0.502	0.484	0.489
17.0010	0.495	0.489	0.499	0.488	0.486	0.483	0.492	0.490	0.486	0.500
17.0020	0.484	0.492	0.489	0.492	0.491	0.486	0.491	0.500	0.488	0.492
17.0030	0.495	0.481	0.493	0.483	0.500	0.487	0.500	0.486	0.485	0.484
17.0040	0.474	0.500	0.494	0.476	0.482	0.482	0.496	0.493	0.484	0.475
17.0050	0.482	0.474	0.491	0.487	0.497	0.487	0.483	0.476	0.479	0.482
17.0060	0.482	0.480	0.491	0.485	0.484	0.487	0.485	0.484	0.490	0.485
17.0070	0.476	0.478	0.479	0.488	0.480	0.485	0.479	0.473	0.470	0.473
17.0080	0.477	0.483	0.471	0.479	0.490	0.477	0.469	0.469	0.467	0.475
17.0090	0.484	0.475	0.475	0.489	0.478	0.487	0.480	0.473	0.484	0.490
17.0100	0.485	0.480	0.463	0.482	0.477	0.475	0.482	0.471	0.485	0.472
17.0110	0.466	0.469	0.468	0.461	0.498	0.480	0.470	0.469	0.464	0.476
17.0120	0.496	0.480	0.472	0.482	0.478	0.492	0.469	0.467	0.478	0.480
17.0130	0.489	0.468	0.483	0.483	0.480	0.481	0.485	0.486	0.460	0.464
17.0140	0.477	0.479	0.478	0.466	0.475	0.460	0.482	0.483	0.482	0.475
17.0150	0.472	0.475	0.468	0.479	0.494	0.492	0.478	0.476	0.484	0.481
17.0160	0.484	0.488	0.475	0.498	0.472	0.485	0.479	0.472	0.487	0.496
17.0170	0.491	0.490	0.488	0.490	0.492	0.489	0.497	0.485	0.490	0.505
17.0180	0.505	0.502	0.489	0.487	0.482	0.483	0.495	0.483	0.481	0.495
17.0190	0.484	0.491	0.479	0.490	0.484	0.497	0.495	0.490	0.481	0.496
17.0200	0.491	0.488	0.492	0.484	0.491	0.485	0.490	0.484	0.484	0.485
17.0210	0.492	0.493	0.485	0.493	0.495	0.497	0.489	0.484	0.481	0.480
17.0220	0.485	0.503	0.513	0.512	0.534	0.561	0.577	0.597	0.626	0.642
17.0230	0.668	0.665	0.672	0.687	0.699	0.687	0.678	0.700	0.685	0.695
17.0240	0.702	0.702	0.692	0.706	0.715	0.737	0.768	0.782	0.795	0.827
17.0250	0.825	0.840	0.846	0.857	0.860	0.877	0.883	0.909	0.918	0.937
17.0260	0.932	0.923	0.918	0.895	0.889	0.887	0.892	0.909	0.926	0.928
17.0270	0.943	0.946	0.906	0.887	0.876	0.858	0.845	0.843	0.830	0.823
17.0280	0.795	0.784	0.753	0.718	0.690	0.674	0.657	0.629	0.607	0.603
17.0290	0.580	0.581	0.580	0.567	0.575	0.562	0.565	0.553	0.541	0.526
17.0300	0.515	0.515	0.514	0.487	0.472	0.459	0.459	0.464	0.453	0.467
17.0310	0.464	0.450	0.433	0.442	0.440	0.430	0.430	0.420	0.428	0.415
17.0320	0.409	0.407	0.398	0.404	0.404	0.400	0.379	0.370	0.381	0.395
17.0330	0.383	0.390	0.394	0.384	0.390	0.382	0.387	0.393	0.408	0.413
17.0340	0.407	0.427	0.434	0.430	0.436	0.445	0.466	0.466	0.451	0.464
17.0350	0.466	0.476	0.457	0.464	0.469	0.464	0.464	0.470	0.475	0.482
17.0360	0.495	0.518	0.512	0.539	0.551	0.534	0.538	0.541	0.529	0.522
17.0370	0.524	0.515	0.530	0.522	0.512	0.513	0.535	0.537	0.555	0.563
17.0380	0.572	0.602	0.594	0.618	0.623	0.615	0.600	0.619	0.615	0.587
17.0390	0.584	0.585	0.572	0.596	0.594	0.604	0.638	0.637	0.631	0.650
17.0400	0.650	0.651	0.652	0.637	0.649	0.617	0.629	0.632	0.630	0.639
17.0410	0.650	0.647	0.645	0.665	0.648	0.636	0.630	0.626	0.628	0.612
17.0420	0.580	0.610	0.616	0.618	0.623	0.601	0.605	0.624	0.607	0.623
17.0430	0.607	0.605	0.590	0.590	0.585	0.597	0.580	0.574	0.600	0.590
17.0440	0.577	0.585	0.575	0.567	0.585	0.592	0.587	0.582	0.569	0.567
17.0450	0.551	0.561	0.552	0.555	0.550	0.551	0.565	0.533	0.541	0.542
17.0460	0.550	0.558	0.538	0.547	0.536	0.537	0.519	0.532	0.523	0.519
17.0470	0.520	0.517	0.517	0.507	0.515	0.492	0.507	0.504	0.522	0.515
17.0480	0.500	0.500	0.511	0.502	0.511	0.502	0.485	0.507	0.508	0.499
17.0490	0.510	0.494	0.495	0.499	0.495	0.494	0.481	0.482	0.497	0.494

TEST M2 FINAL TRANSIENT 2596 (.1 ms Data) PT1H MPA RECORD = 158

TIME	+ 0.0000	+ 0.0001	+ 0.0002	+ 0.0003	+ 0.0004	+ 0.0005	+ 0.0006	+ 0.0007	+ 0.0008	+ 0.0009
17.0500	0.499	0.487	0.490	0.493	0.503	0.497	0.494	0.494	0.497	0.494
17.0510	0.494	0.482	0.487	0.482	0.493	0.492	0.491	0.489	0.490	0.519
17.0520	0.493	0.506	0.495	0.485	0.496	0.494	0.509	0.517	0.512	0.517
17.0530	0.507	0.518	0.527	0.524	0.527	0.529	0.518	0.525	0.525	0.527
17.0540	0.539	0.542	0.540	0.542	0.544	0.527	0.542	0.543	0.546	0.555
17.0550	0.553	0.552	0.544	0.530	0.535	0.545	0.543	0.528	0.537	0.544
17.0560	0.546	0.533	0.537	0.545	0.542	0.544	0.546	0.550	0.570	0.581
17.0570	0.623	0.690	0.809	1.023	1.259	1.512	1.562	1.390	1.125	0.895
17.0580	0.712	0.661	0.680	0.729	0.828	0.946	1.108	1.151	1.087	0.912
17.0590	0.805	0.703	0.663	0.718	0.835	1.044	1.378	1.692	1.726	1.436
17.0600	1.108	0.855	0.750	0.725	0.749	0.831	0.943	1.073	1.137	1.154
17.0610	1.107	1.030	0.938	0.844	0.813	0.788	0.801	0.871	0.968	1.013
17.0620	1.043	0.961	0.868	0.748	0.622	0.551	0.509	0.462	0.437	0.418
17.0630	0.405	0.414	0.427	0.446	0.480	0.513	0.554	0.604	0.665	0.695
17.0640	0.695	0.685	0.652	0.620	0.576	0.537	0.520	0.499	0.462	0.475
17.0650	0.473	0.466	0.455	0.470	0.475	0.476	0.485	0.488	0.544	0.538
17.0660	0.557	0.582	0.606	0.618	0.622	0.624	0.595	0.583	0.542	0.517
17.0670	0.521	0.491	0.465	0.469	0.479	0.459	0.460	0.489	0.512	0.540
17.0680	0.576	0.599	0.632	0.672	0.675	0.687	0.675	0.648	0.615	0.607
17.0690	0.585	0.573	0.526	0.551	0.569	0.590	0.617	0.668	0.701	0.732
17.0700	0.754	0.750	0.733	0.716	0.664	0.647	0.625	0.599	0.579	0.577
17.0710	0.585	0.586	0.582	0.591	0.606	0.612	0.612	0.612	0.633	0.632
17.0720	0.630	0.617	0.617	0.609	0.602	0.587	0.609	0.609	0.587	0.578
17.0730	0.569	0.556	0.563	0.570	0.559	0.556	0.552	0.569	0.571	0.595
17.0740	0.593	0.598	0.625	0.624	0.593	0.597	0.594	0.573	0.547	0.535
17.0750	0.537	0.491	0.496	0.514	0.512	0.515	0.507	0.510	0.547	0.563
17.0760	0.556	0.580	0.584	0.565	0.556	0.534	0.519	0.520	0.506	0.494
17.0770	0.507	0.499	0.501	0.518	0.549	0.548	0.549	0.568	0.589	0.590
17.0780	0.608	0.618	0.600	0.585	0.555	0.542	0.564	0.561	0.542	0.546
17.0790	0.567	0.557	0.554	0.561	0.575	0.568	0.580	0.583	0.585	0.566
17.0800	0.561	0.563	0.555	0.556	0.533	0.531	0.533	0.530	0.534	0.526
17.0810	0.527	0.539	0.542	0.558	0.558	0.571	0.565	0.570	0.579	0.568
17.0820	0.559	0.571	0.568	0.554	0.550	0.542	0.539	0.555	0.552	0.557
17.0830	0.554	0.556	0.575	0.579	0.587	0.591	0.572	0.558	0.565	0.557
17.0840	0.545	0.545	0.539	0.538	0.535	0.534	0.537	0.534	0.546	0.546
17.0850	0.557	0.541	0.557	0.559	0.547	0.555	0.532	0.541	0.539	0.533
17.0860	0.532	0.527	0.515	0.529	0.529	0.520	0.540	0.529	0.537	0.561
17.0870	0.572	0.545	0.567	0.549	0.547	0.550	0.540	0.531	0.537	0.533
17.0880	0.530	0.538	0.556	0.539	0.539	0.544	0.539	0.543	0.544	0.547
17.0890	0.542	0.517	0.528	0.525	0.538	0.531	0.524	0.549	0.510	0.526
17.0900	0.538	0.519	0.548	0.535	0.539	0.540	0.522	0.552	0.550	0.538
17.0910	0.542	0.530	0.542	0.539	0.532	0.538	0.524	0.533	0.549	0.542
17.0920	0.535	0.548	0.541	0.534	0.539	0.532	0.540	0.524	0.532	0.553
17.0930	0.509	0.539	0.534	0.519	0.522	0.517	0.504	0.513	0.522	0.523
17.0940	0.523	0.525	0.535	0.519	0.523	0.525	0.518	0.522	0.515	0.528
17.0950	0.533	0.517	0.514	0.512	0.511	0.526	0.520	0.529	0.525	0.537
17.0960	0.539	0.540	0.550	0.547	0.552	0.557	0.549	0.549	0.548	0.542
17.0970	0.565	0.554	0.542	0.542	0.548	0.545	0.550	0.529	0.554	0.548
17.0980	0.547	0.532	0.542	0.547	0.545	0.552	0.557	0.551	0.552	0.563
17.0990	0.566	0.562	0.557	0.559	0.574	0.579	0.568	0.586	0.587	0.588

TEST M2 FINAL TRANSIENT 2596 (.1 ms Data) PT1H MPA RECORD = 159

TIME	+ 0.0000	+ 0.0001	+ 0.0002	+ 0.0003	+ 0.0004	+ 0.0005	+ 0.0006	+ 0.0007	+ 0.0008	+ 0.0009
17.1000	0.585	0.581	0.576	0.568	0.585	0.595	0.600	0.581	0.585	0.598
17.1010	0.597	0.605	0.600	0.580	0.587	0.608	0.583	0.572	0.586	0.573
17.1020	0.578	0.585	0.575	0.576	0.573	0.589	0.578	0.593	0.580	0.590
17.1030	0.587	0.580	0.591	0.594	0.573	0.563	0.581	0.576	0.585	0.583
17.1040	0.588	0.585	0.612	0.589	0.584	0.598	0.592	0.588	0.584	0.583
17.1050	0.566	0.569	0.586	0.570	0.562	0.564	0.581	0.590	0.587	0.573
17.1060	0.602	0.603	0.572	0.579	0.575	0.561	0.578	0.570	0.573	0.565
17.1070	0.570	0.575	0.571	0.567	0.566	0.574	0.562	0.575	0.573	0.565
17.1080	0.557	0.553	0.562	0.550	0.550	0.573	0.525	0.545	0.564	0.562
17.1090	0.581	0.568	0.564	0.569	0.548	0.555	0.570	0.558	0.558	0.554
17.1100	0.537	0.547	0.543	0.545	0.557	0.568	0.564	0.563	0.576	0.571
17.1110	0.559	0.557	0.544	0.549	0.549	0.550	0.552	0.555	0.543	0.560
17.1120	0.562	0.568	0.568	0.565	0.567	0.548	0.563	0.554	0.559	0.577
17.1130	0.559	0.556	0.558	0.573	0.557	0.552	0.573	0.564	0.553	0.568
17.1140	0.576	0.581	0.589	0.580	0.557	0.573	0.576	0.580	0.568	0.567
17.1150	0.552	0.559	0.556	0.572	0.572	0.572	0.573	0.568	0.582	0.562
17.1160	0.588	0.585	0.580	0.573	0.578	0.587	0.588	0.579	0.570	0.593
17.1170	0.597	0.575	0.578	0.564	0.581	0.570	0.588	0.579	0.572	0.594
17.1180	0.593	0.604	0.591	0.576	0.592	0.583	0.575	0.587	0.578	0.575
17.1190	0.602	0.596	0.594	0.591	0.576	0.571	0.583	0.589	0.577	0.579
17.1200	0.578	0.591	0.586	0.578	0.578	0.580	0.580	0.587	0.597	0.595
17.1210	0.604	0.585	0.562	0.587	0.576	0.572	0.583	0.584	0.595	0.582
17.1220	0.583	0.571	0.593	0.573	0.564	0.578	0.581	0.561	0.577	0.577
17.1230	0.561	0.560	0.563	0.571	0.583	0.582	0.582	0.560	0.552	0.569
17.1240	0.575	0.589	0.591	0.585	0.568	0.562	0.569	0.556	0.559	0.558
17.1250	0.569	0.551	0.558	0.564	0.568	0.551	0.521	0.554	0.558	0.555
17.1260	0.590	0.570	0.557	0.551	0.557	0.567	0.572	0.579	0.579	0.565
17.1270	0.567	0.572	0.573	0.564	0.579	0.566	0.570	0.579	0.581	0.579
17.1280	0.570	0.587	0.566	0.566	0.573	0.574	0.563	0.568	0.559	0.584
17.1290	0.570	0.570	0.573	0.583	0.576	0.571	0.578	0.574	0.570	0.582
17.1300	0.591	0.570	0.576	0.575	0.578	0.577	0.588	0.568	0.588	0.577
17.1310	0.597	0.589	0.570	0.573	0.582	0.590	0.575	0.587	0.574	0.567
17.1320	0.575	0.579	0.588	0.590	0.586	0.584	0.580	0.582	0.575	0.592
17.1330	0.585	0.587	0.578	0.592	0.582	0.592	0.585	0.596	0.601	0.582
17.1340	0.578	0.582	0.583	0.596	0.589	0.583	0.577	0.590	0.593	0.585
17.1350	0.587	0.585	0.575	0.573	0.578	0.589	0.583	0.592	0.570	0.577
17.1360	0.575	0.577	0.582	0.596	0.592	0.592	0.569	0.568	0.579	0.568
17.1370	0.574	0.569	0.572	0.560	0.572	0.580	0.577	0.581	0.588	0.582
17.1380	0.593	0.582	0.580	0.574	0.577	0.581	0.577	0.586	0.579	0.574
17.1390	0.561	0.568	0.567	0.569	0.570	0.577	0.576	0.569	0.570	0.587
17.1400	0.564	0.569	0.578	0.570	0.568	0.567	0.585	0.585	0.579	0.583
17.1410	0.578	0.568	0.585	0.591	0.572	0.577	0.575	0.588	0.577	0.586
17.1420	0.593	0.586	0.576	0.593	0.592	0.585	0.581	0.586	0.575	0.585
17.1430	0.577	0.569	0.578	0.565	0.579	0.566	0.572	0.574	0.571	0.572
17.1440	0.571	0.591	0.580	0.576	0.580	0.566	0.560	0.599	0.591	0.587
17.1450	0.568	0.583	0.583	0.600	0.595	0.583	0.582	0.577	0.577	0.585
17.1460	0.566	0.563	0.587	0.576	0.594	0.598	0.576	0.582	0.573	0.582
17.1470	0.595	0.598	0.574	0.583	0.577	0.582	0.581	0.574	0.568	0.582
17.1480	0.572	0.577	0.582	0.577	0.570	0.573	0.578	0.582	0.578	0.580
17.1490	0.570	0.565	0.573	0.582	0.586	0.589	0.578	0.573	0.573	0.579

TEST M2 FINAL TRANSIENT 2596 (.1 ms Data) PT2H MPA RECORD = 160

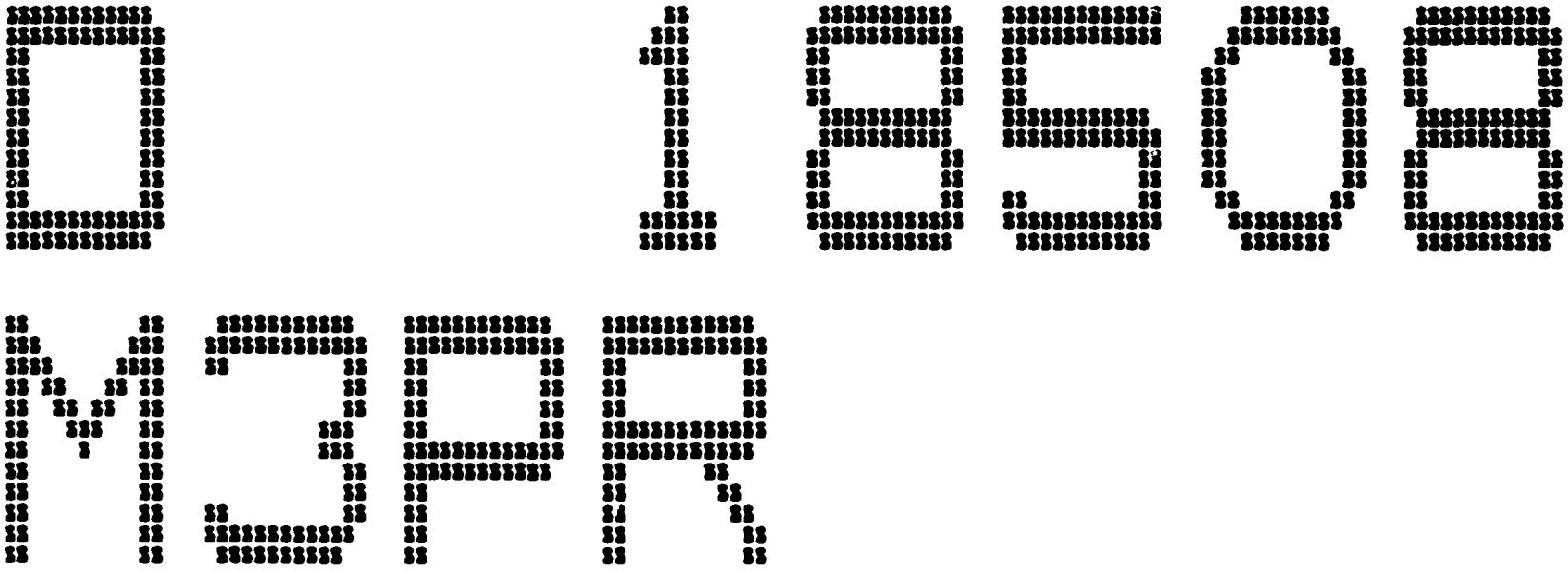
TIME	+ 0.0000	+ 0.0001	+ 0.0002	+ 0.0003	+ 0.0004	+ 0.0005	+ 0.0006	+ 0.0007	+ 0.0008	+ 0.0009
17.0000	0.466	0.474	0.477	0.480	0.477	0.481	0.466	0.471	0.477	0.466
17.0010	0.474	0.467	0.476	0.471	0.457	0.469	0.477	0.483	0.474	0.468
17.0020	0.473	0.473	0.465	0.473	0.470	0.464	0.485	0.472	0.467	0.470
17.0030	0.459	0.466	0.473	0.463	0.472	0.473	0.478	0.471	0.471	0.467
17.0040	0.466	0.470	0.461	0.472	0.475	0.464	0.472	0.468	0.484	0.472
17.0050	0.480	0.476	0.472	0.462	0.464	0.464	0.484	0.481	0.469	0.475
17.0060	0.474	0.482	0.457	0.479	0.476	0.482	0.476	0.469	0.470	0.472
17.0070	0.479	0.464	0.474	0.466	0.474	0.482	0.478	0.479	0.479	0.464
17.0080	0.471	0.480	0.474	0.476	0.484	0.475	0.484	0.489	0.476	0.493
17.0090	0.463	0.470	0.483	0.480	0.484	0.470	0.478	0.476	0.464	0.468
17.0100	0.483	0.480	0.476	0.471	0.481	0.465	0.483	0.474	0.477	0.476
17.0110	0.475	0.471	0.480	0.480	0.477	0.475	0.480	0.482	0.489	0.476
17.0120	0.483	0.477	0.477	0.477	0.479	0.470	0.480	0.479	0.480	0.486
17.0130	0.490	0.485	0.481	0.478	0.477	0.496	0.487	0.476	0.481	0.470
17.0140	0.476	0.465	0.487	0.483	0.473	0.482	0.465	0.483	0.481	0.481
17.0150	0.477	0.474	0.480	0.477	0.482	0.478	0.479	0.471	0.482	0.479
17.0160	0.489	0.474	0.479	0.478	0.469	0.483	0.479	0.463	0.484	0.473
17.0170	0.484	0.473	0.477	0.472	0.480	0.489	0.480	0.492	0.475	0.476
17.0180	0.479	0.476	0.481	0.476	0.482	0.490	0.496	0.472	0.488	0.471
17.0190	0.489	0.480	0.485	0.490	0.483	0.477	0.481	0.492	0.492	0.481
17.0200	0.486	0.487	0.480	0.489	0.463	0.483	0.479	0.484	0.492	0.486
17.0210	0.479	0.492	0.476	0.494	0.478	0.496	0.474	0.481	0.489	0.494
17.0220	0.496	0.500	0.502	0.521	0.522	0.533	0.547	0.550	0.565	0.577
17.0230	0.577	0.548	0.541	0.540	0.529	0.542	0.557	0.568	0.579	0.588
17.0240	0.608	0.610	0.593	0.559	0.564	0.563	0.563	0.560	0.568	0. 60
17.0250	0.564	0.572	0.565	0.556	0.544	0.518	0.503	0.508	0.505	0.503
17.0260	0.522	0.521	0.530	0.530	0.530	0.518	0.500	0.492	0.494	0.494
17.0270	0.488	0.484	0.496	0.506	0.498	0.492	0.483	0.483	0.490	0.483
17.0280	0.485	0.492	0.480	0.489	0.492	0.474	0.481	0.472	0.469	0.484
17.0290	0.480	0.472	0.467	0.475	0.482	0.491	0.481	0.467	0.469	0.454
17.0300	0.454	0.453	0.461	0.493	0.502	0.510	0.526	0.513	0.506	0.496
17.0310	0.477	0.459	0.463	0.461	0.487	0.496	0.494	0.509	0.501	0.501
17.0320	0.484	0.481	0.471	0.479	0.474	0.496	0.494	0.504	0.508	0.498
17.0330	0.480	0.469	0.463	0.472	0.465	0.484	0.499	0.506	0.518	0.492
17.0340	0.479	0.458	0.451	0.437	0.440	0.451	0.471	0.494	0.506	0.495
17.0350	0.486	0.475	0.454	0.446	0.441	0.440	0.440	0.465	0.481	0.495
17.0360	0.496	0.496	0.486	0.478	0.470	0.480	0.461	0.472	0.487	0.500
17.0370	0.500	0.502	0.511	0.510	0.495	0.493	0.505	0.502	0.492	0.504
17.0380	0.516	0.503	0.513	0.525	0.518	0.516	0.520	0.512	0.525	0.530
17.0390	0.535	0.536	0.519	0.526	0.527	0.538	0.518	0.519	0.509	0.512
17.0400	0.531	0.531	0.549	0.545	0.555	0.526	0.506	0.498	0.490	0.503
17.0410	0.501	0.534	0.548	0.556	0.552	0.543	0.533	0.486	0.484	0.484
17.0420	0.500	0.534	0.567	0.596	0.577	0.567	0.549	0.511	0.483	0.472
17.0430	0.484	0.531	0.566	0.581	0.576	0.564	0.544	0.510	0.496	0.496
17.0440	0.528	0.537	0.542	0.529	0.507	0.458	0.454	0.454	0.495	0.535
17.0450	0.589	0.637	0.640	0.618	0.554	0.479	0.408	0.385	0.367	0.381
17.0460	0.406	0.460	0.536	0.580	0.606	0.613	0.571	0.524	0.463	0.414
17.0470	0.381	0.359	0.388	0.428	0.470	0.534	0.589	0.576	0.567	0.516
17.0480	0.453	0.405	0.384	0.390	0.405	0.460	0.512	0.583	0.605	0.600
17.0490	0.576	0.516	0.456	0.415	0.406	0.405	0.432	0.469	0.529	0.579

TEST M2 FINAL TRANSIENT 2596 (.1 ms Data) PT2H MPA RECORD = 161

TIME	+ 0.0000	+ 0.0001	+ 0.0002	+ 0.0003	+ 0.0004	+ 0.0005	+ 0.0006	+ 0.0007	+ 0.0008	+ 0.0009
17.0500	0.592	0.591	0.560	0.516	0.466	0.461	0.454	0.453	0.483	0.520
17.0510	0.545	0.556	0.556	0.559	0.525	0.498	0.479	0.465	0.458	0.480
17.0520	0.470	0.498	0.517	0.499	0.522	0.519	0.530	0.518	0.511	0.506
17.0530	0.502	0.488	0.483	0.482	0.492	0.476	0.484	0.488	0.490	0.492
17.0540	0.509	0.510	0.493	0.507	0.501	0.494	0.484	0.475	0.484	0.501
17.0550	0.508	0.512	0.512	0.521	0.507	0.501	0.479	0.480	0.474	0.484
17.0560	0.479	0.495	0.476	0.497	0.509	0.499	0.500	0.497	0.476	0.480
17.0570	0.470	0.486	0.490	0.483	0.500	0.503	0.503	0.497	0.487	0.486
17.0580	0.486	0.491	0.490	0.489	0.493	0.510	0.490	0.487	0.485	0.497
17.0590	0.487	0.501	0.495	0.509	0.501	0.507	0.506	0.493	0.489	0.495
17.0600	0.486	0.503	0.498	0.513	0.524	0.525	0.539	0.540	0.533	0.529
17.0610	0.522	0.511	0.500	0.511	0.509	0.529	0.551	0.580	0.551	0.547
17.0620	0.553	0.532	0.531	0.533	0.534	0.540	0.555	0.555	0.559	0.565
17.0630	0.560	0.568	0.562	0.559	0.557	0.557	0.570	0.568	0.571	0.580
17.0640	0.577	0.578	0.581	0.577	0.579	0.585	0.566	0.562	0.563	0.580
17.0650	0.576	0.579	0.583	0.599	0.591	0.589	0.591	0.586	0.581	0.566
17.0660	0.568	0.561	0.571	0.580	0.571	0.581	0.573	0.589	0.574	0.565
17.0670	0.566	0.543	0.546	0.525	0.544	0.553	0.566	0.580	0.577	0.579
17.0680	0.559	0.555	0.548	0.521	0.521	0.519	0.508	0.527	0.536	0.537
17.0690	0.552	0.555	0.535	0.537	0.519	0.515	0.505	0.513	0.514	0.511
17.0700	0.535	0.560	0.548	0.542	0.544	0.521	0.512	0.495	0.496	0.501
17.0710	0.504	0.512	0.537	0.565	0.549	0.547	0.543	0.534	0.533	0.513
17.0720	0.508	0.509	0.530	0.537	0.548	0.585	0.600	0.587	0.569	0.549
17.0730	0.518	0.506	0.507	0.516	0.541	0.577	0.592	0.589	0.579	0.586
17.0740	0.541	0.546	0.548	0.533	0.563	0.586	0.594	0.633	0.622	0.602
17.0750	0.567	0.545	0.549	0.558	0.607	0.634	0.656	0.636	0.610	0.568
17.0760	0.538	0.503	0.510	0.556	0.595	0.664	0.707	0.701	0.662	0.605
17.0770	0.551	0.517	0.512	0.535	0.576	0.625	0.658	0.661	0.639	0.623
17.0780	0.605	0.574	0.565	0.547	0.565	0.573	0.591	0.611	0.628	0.623
17.0790	0.621	0.602	0.571	0.577	0.559	0.571	0.587	0.586	0.607	0.618
17.0800	0.600	0.591	0.572	0.557	0.559	0.563	0.579	0.587	0.577	0.579
17.0810	0.589	0.586	0.569	0.569	0.560	0.557	0.560	0.559	0.575	0.570
17.0820	0.556	0.545	0.530	0.527	0.524	0.535	0.527	0.539	0.547	0.560
17.0830	0.548	0.553	0.539	0.541	0.521	0.524	0.525	0.521	0.517	0.540
17.0840	0.542	0.547	0.546	0.551	0.537	0.536	0.527	0.510	0.521	0.531
17.0850	0.539	0.535	0.525	0.531	0.535	0.528	0.519	0.530	0.517	0.533
17.0860	0.534	0.527	0.525	0.525	0.525	0.522	0.538	0.536	0.529	0.536
17.0870	0.531	0.536	0.536	0.527	0.530	0.528	0.522	0.536	0.531	0.536
17.0880	0.542	0.533	0.541	0.540	0.548	0.526	0.539	0.549	0.550	0.554
17.0890	0.538	0.535	0.556	0.542	0.545	0.551	0.554	0.544	0.534	0.536
17.0900	0.554	0.562	0.564	0.563	0.567	0.573	0.554	0.553	0.543	0.553
17.0910	0.558	0.563	0.550	0.571	0.576	0.572	0.559	0.565	0.545	0.567
17.0920	0.577	0.553	0.575	0.571	0.589	0.581	0.569	0.557	0.573	0.561
17.0930	0.571	0.574	0.563	0.578	0.570	0.584	0.581	0.590	0.587	0.585
17.0940	0.585	0.588	0.588	0.577	0.577	0.597	0.591	0.569	0.571	0.578
17.0950	0.579	0.580	0.594	0.589	0.603	0.606	0.585	0.579	0.595	0.585
17.0960	0.597	0.607	0.588	0.589	0.613	0.592	0.598	0.601	0.592	0.606
17.0970	0.613	0.600	0.605	0.587	0.603	0.599	0.602	0.590	0.609	0.597
17.0980	0.596	0.601	0.610	0.611	0.594	0.603	0.600	0.612	0.603	0.604
17.0990	0.606	0.607	0.595	0.601	0.602	0.605	0.599	0.592	0.599	0.602

TEST M2 FINAL TRANSIENT 2596 (.1 ms Data) PT2H MPA RECORD = 162

TIME	+ 0.0000	+ 0.0001	+ 0.0002	+ 0.0003	+ 0.0004	+ 0.0005	+ 0.0006	+ 0.0007	+ 0.0008	+ 0.0009
17.1000	0.604	0.602	0.613	0.596	0.617	0.596	0.616	0.601	0.613	0.610
17.1010	0.611	0.612	0.612	0.602	0.614	0.600	0.614	0.608	0.604	0.622
17.1020	0.598	0.600	0.604	0.603	0.588	0.600	0.609	0.613	0.608	0.601
17.1030	0.585	0.611	0.612	0.605	0.601	0.603	0.603	0.617	0.607	0.611
17.1040	0.602	0.602	0.617	0.608	0.595	0.602	0.616	0.624	0.609	0.602
17.1050	0.602	0.600	0.614	0.611	0.605	0.605	0.604	0.607	0.605	0.605
17.1060	0.610	0.605	0.606	0.628	0.608	0.594	0.620	0.595	0.603	0.615
17.1070	0.610	0.597	0.602	0.616	0.600	0.616	0.602	0.604	0.611	0.616
17.1080	0.605	0.601	0.606	0.615	0.602	0.620	0.596	0.603	0.604	0.597
17.1090	0.605	0.615	0.602	0.604	0.603	0.603	0.608	0.605	0.586	0.610
17.1100	0.625	0.611	0.609	0.601	0.609	0.594	0.616	0.606	0.588	0.595
17.1110	0.591	0.605	0.594	0.599	0.594	0.603	0.599	0.602	0.599	0.595
17.1120	0.592	0.598	0.597	0.595	0.605	0.592	0.602	0.606	0.610	0.589
17.1130	0.593	0.602	0.603	0.595	0.605	0.592	0.588	0.596	0.580	0.597
17.1140	0.587	0.579	0.600	0.591	0.598	0.585	0.579	0.584	0.593	0.581
17.1150	0.587	0.583	0.588	0.597	0.598	0.581	0.599	0.597	0.596	0.587
17.1160	0.596	0.600	0.587	0.584	0.591	0.582	0.591	0.585	0.572	0.580
17.1170	0.595	0.579	0.590	0.582	0.582	0.598	0.591	0.581	0.586	0.594
17.1180	0.597	0.582	0.591	0.599	0.593	0.581	0.605	0.584	0.591	0.594
17.1190	0.564	0.576	0.586	0.579	0.607	0.588	0.585	0.603	0.590	0.599
17.1200	0.593	0.613	0.599	0.595	0.585	0.585	0.592	0.587	0.586	0.593
17.1210	0.605	0.587	0.602	0.578	0.595	0.595	0.593	0.585	0.595	0.594
17.1220	0.595	0.598	0.589	0.594	0.603	0.599	0.614	0.606	0.597	0.598
17.1230	0.602	0.605	0.595	0.608	0.599	0.606	0.592	0.588	0.603	0.600
17.1240	0.589	0.610	0.599	0.605	0.603	0.607	0.613	0.606	0.610	0.611
17.1250	0.604	0.602	0.606	0.603	0.598	0.605	0.606	0.603	0.595	0.606
17.1260	0.616	0.602	0.611	0.606	0.618	0.606	0.591	0.603	0.608	0.600
17.1270	0.600	0.620	0.609	0.598	0.617	0.610	0.620	0.615	0.612	0.611
17.1280	0.605	0.621	0.615	0.615	0.603	0.594	0.621	0.599	0.604	0.614
17.1290	0.617	0.605	0.602	0.604	0.567	0.597	0.597	0.615	0.597	0.589
17.1300	0.613	0.599	0.598	0.611	0.609	0.602	0.591	0.594	0.608	0.594
17.1310	0.591	0.606	0.599	0.539	0.586	0.602	0.608	0.586	0.593	0.605
17.1320	0.581	0.600	0.597	0.604	0.592	0.595	0.590	0.592	0.579	0.586
17.1330	0.587	0.594	0.597	0.592	0.595	0.592	0.583	0.600	0.585	0.594
17.1340	0.586	0.595	0.583	0.580	0.579	0.585	0.589	0.593	0.597	0.583
17.1350	0.589	0.576	0.588	0.582	0.597	0.586	0.574	0.602	0.583	0.605
17.1360	0.594	0.603	0.591	0.588	0.593	0.599	0.583	0.581	0.594	0.581
17.1370	0.593	0.599	0.595	0.600	0.586	0.590	0.599	0.602	0.596	0.592
17.1380	0.594	0.603	0.594	0.591	0.582	0.598	0.590	0.597	0.598	0.610
17.1390	0.606	0.594	0.599	0.589	0.601	0.595	0.608	0.611	0.606	0.604
17.1400	0.600	0.609	0.608	0.606	0.606	0.590	0.593	0.593	0.597	0.601
17.1410	0.600	0.599	0.615	0.611	0.608	0.600	0.603	0.605	0.602	0.609
17.1420	0.612	0.599	0.586	0.606	0.620	0.604	0.598	0.595	0.602	0.592
17.1430	0.600	0.603	0.606	0.610	0.620	0.604	0.616	0.606	0.605	0.609
17.1440	0.625	0.615	0.608	0.612	0.605	0.597	0.600	0.614	0.606	0.609
17.1450	0.607	0.608	0.617	0.618	0.597	0.622	0.617	0.604	0.602	0.612
17.1460	0.617	0.611	0.590	0.617	0.604	0.597	0.618	0.608	0.596	0.618
17.1470	0.614	0.615	0.600	0.590	0.586	0.607	0.608	0.611	0.588	0.594
17.1480	0.603	0.595	0.608	0.608	0.605	0.600	0.606	0.609	0.600	0.605
17.1490	0.596	0.602	0.592	0.604	0.596	0.605	0.592	0.604	0.594	0.592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TEST M3 HEAT BALANCE TRANSIENT 2598 (50 ms Averaged) SAF1 MW RECORD = 1

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	-0.039	-0.044	-0.040	-0.046	-0.042	-0.043	-0.046	-0.045	-0.043	-0.042
0.5250	-0.042	-0.042	-0.034	-0.042	-0.046	-0.042	-0.045	-0.043	-0.045	-0.042
1.0250	-0.043	-0.043	-0.042	-0.044	-0.041	-0.043	-0.043	-0.044	-0.044	-0.039
1.5250	-0.042	-0.044	-0.043	-0.042	-0.041	-0.038	-0.040	-0.040	-0.038	-0.036
2.0250	-0.035	-0.030	-0.030	-0.024	-0.029	-0.025	-0.018	-0.023	-0.014	-0.012
2.5250	-0.005	-0.006	-0.005	-0.002	-0.002	-0.001	-0.001	0.001	0.006	0.013
3.0250	0.031	0.045	0.050	0.055	0.077	0.098	0.113	0.147	0.177	0.208
3.5250	0.245	0.293	0.352	0.414	0.479	0.572	0.670	0.787	0.918	1.079
4.0250	1.261	1.470	1.721	1.998	2.332	2.718	3.166	3.692	4.293	4.991
4.5250	5.815	6.749	7.836	9.099	10.588	12.265	14.210	16.485	19.080	22.074
5.0250	24.509	25.296	25.611	25.862	26.108	26.308	26.465	26.602	26.657	26.675
5.5250	26.664	26.665	26.616	26.605	26.525	26.464	26.416	26.357	26.353	26.285
6.0250	26.252	26.232	26.213	26.178	26.153	26.152	26.121	26.094	26.105	26.059
6.5250	26.013	26.010	26.000	25.987	25.974	25.976	25.962	25.963	25.949	25.938
7.0250	25.962	25.947	25.932	25.920	25.928	25.919	25.926	25.940	25.933	25.919
7.5250	25.907	25.909	25.907	25.915	25.885	25.908	25.900	25.910	25.890	25.900
8.0250	25.895	25.878	25.903	25.904	25.914	25.883	25.901	25.909	25.909	25.908
8.5250	25.894	25.904	25.900	25.911	25.905	25.924	25.897	25.917	25.902	25.907
9.0250	25.915	25.917	25.918	25.897	25.950	25.935	25.911	25.915	25.930	25.918
9.5250	25.922	25.910	25.914	25.914	25.915	25.921	25.924	25.944	25.917	25.917
10.0250	25.930	25.952	25.938	25.948	25.969	25.946	25.947	25.958	25.986	25.973
10.5250	25.986	26.000	25.999	25.973	25.989	25.983	25.994	25.976	25.987	25.984
11.0250	25.986	25.995	25.989	25.990	25.987	26.001	26.009	26.008	26.019	26.020
11.5250	26.038	26.027	26.040	26.032	26.041	26.049	26.056	26.046	26.043	26.040
12.0250	26.037	26.058	26.069	26.066	26.088	26.102	26.077	26.088	26.080	26.108
12.5250	26.097	26.083	26.095	26.082	26.113	26.105	26.106	26.106	26.144	26.117
13.0250	26.103	26.120	26.118	26.114	26.143	26.156	26.151	26.162	26.146	26.162
13.5250	26.143	26.150	26.195	26.180	26.175	26.175	26.192	26.190	26.185	26.201
14.0250	26.194	26.203	26.207	26.214	26.210	26.196	26.244	26.206	26.218	26.227
14.5250	26.236	26.231	26.218	26.220	26.206	26.254	26.228	26.242	26.249	26.270
15.0250	26.250	26.278	26.271	26.272	26.282	26.275	26.274	26.279	26.305	26.277
15.5250	26.309	26.294	26.298	26.319	26.315	26.308	26.334	26.329	26.331	26.313
16.0250	26.338	26.320	26.348	26.340	26.341	26.355	26.347	26.341	26.343	26.352
16.5250	26.366	26.359	26.388	26.384	26.380	26.364	26.379	26.375	26.392	26.372
17.0250	26.398	26.373	26.407	26.418	26.407	26.422	26.399	26.394	26.405	26.380
17.5250	26.400	26.414	26.438	26.405	26.430	26.426	26.432	26.423	26.423	26.416
18.0250	26.423	26.441	26.446	26.468	26.436	26.471	26.451	26.444	26.470	26.487
18.5250	26.469	26.477	26.489	26.471	26.497	26.485	26.487	26.476	26.514	26.475
19.0250	26.521	26.512	26.488	26.473	26.478	26.496	26.494	26.524	26.526	26.515
19.5250	26.555	26.528	26.521	26.520	26.526	26.525	26.530	26.537	26.515	26.548
20.0250	26.542	26.550	26.546	26.554	26.547	26.559	26.543	26.555	26.561	26.558
20.5250	26.563	26.582	26.556	26.583	26.558	26.526	26.571	26.547	26.568	26.580
21.0250	26.579	26.553	26.562	26.574	26.595	26.586	26.578	26.603	26.603	26.613
21.5250	26.612	26.597	26.620	26.603	26.603	26.617	26.627	26.621	26.623	26.630
22.0250	26.612	26.616	26.633	26.632	26.624	26.620	26.634	26.641	26.628	26.621
22.5250	26.629	26.646	26.663	26.632	26.644	26.659	26.640	26.662	26.653	26.661
23.0250	26.675	26.650	26.672	26.655	26.670	26.639	26.661	26.672	26.652	26.687
23.5250	26.651	26.647	26.660	26.667	26.648	26.673	26.651	26.661	26.662	26.651
24.0250	26.679	26.669	26.688	26.680	26.690	26.673	26.653	26.664	26.659	26.665
24.5250	26.668	26.666	26.661	26.668	26.698	26.659	26.670	26.674	26.679	26.668

TEST M3 HEAT BALANCE TRANSIENT 2598 (50 ms Averaged) SAF1 MW RECORD = 2

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0250	26.661	26.672	26.661	26.657	26.675	26.658	26.668	26.668	26.674	26.693
25.5250	26.677	26.663	26.659	26.672	26.685	26.668	26.686	26.693	26.688	26.668
26.0250	24.166	14.245	3.746	1.004	0.762	0.744	0.732	0.712	0.699	0.682
26.5250	0.665	0.650	0.642	0.629	0.620	0.607	0.600	0.596	0.587	0.580
27.0250	0.568	0.559	0.559	0.549	0.542	0.539	0.522	0.518	0.508	0.501
27.5250	0.499	0.496	0.493	0.485	0.482	0.473	0.465	0.455	0.452	0.455
28.0250	0.446	0.447	0.439	0.438	0.435	0.429	0.422	0.412	0.412	0.407
28.5250	0.405	0.400	0.398	0.397	0.397	0.392	0.389	0.385	0.382	0.378
29.0250	0.374	0.367	0.364	0.360	0.355	0.352	0.351	0.349	0.350	0.345
29.5250	0.343	0.342	0.341	0.337	0.335	0.323	0.319	0.318	0.314	0.310
30.0250	0.306	0.304	0.302	0.300	0.298	0.300	0.298	0.297	0.295	0.294
30.5250	0.293	0.291	0.290	0.287	0.284	0.284	0.283	0.267	0.270	0.264
31.0250	0.262	0.261	0.259	0.261	0.254	0.251	0.248	0.249	0.249	0.248
31.5250	0.249	0.247	0.247	0.246	0.243	0.241	0.235	0.242	0.240	0.236
32.0250	0.227	0.231	0.223	0.231	0.223	0.225	0.214	0.218	0.213	0.211
32.5250	0.207	0.207	0.205	0.204	0.202	0.206	0.204	0.200	0.200	0.202
33.0250	0.203	0.199	0.199	0.198	0.199	0.197	0.199	0.198	0.198	0.198
33.5250	0.198	0.195	0.196	0.195	0.194	0.195	0.192	0.189	0.190	0.187
34.0250	0.188	0.184	0.186	0.186	0.180	0.177	0.174	0.177	0.174	0.171
34.5250	0.169	0.172	0.161	0.160	0.160	0.156	0.159	0.160	0.148	0.155
35.0250	0.149	0.150	0.148	0.148	0.153	0.154	0.153	0.155	0.151	0.151
35.5250	0.151	0.150	0.150	0.149	0.148	0.149	0.146	0.149	0.149	0.149
36.0250	0.147	0.147	0.148	0.147	0.144	0.148	0.147	0.147	0.147	0.146
36.5250	0.146	0.145	0.143	0.145	0.145	0.143	0.143	0.139	0.143	0.135
37.0250	0.138	0.135	0.135	0.135	0.130	0.131	0.128	0.129	0.128	0.132
37.5250	0.124	0.122	0.125	0.123	0.124	0.125	0.127	0.118	0.123	0.123
38.0250	0.120	0.121	0.112	0.114	0.115	0.113	0.113	0.111	0.103	0.107
38.5250	0.108	0.107	0.107	0.105	0.105	0.109	0.107	0.103	0.101	0.104
39.0250	0.104	0.103	0.103	0.102	0.102	0.104	0.101	0.101	0.102	0.100
39.5250	0.100	0.100	0.098	0.101	0.101	0.098	0.100	0.101	0.099	0.098
40.0250	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.098
40.5250	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.098
41.0250	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.098
41.5250	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.098
42.0250	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.098
42.5250	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.098
43.0250	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.098
43.5250	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.098
44.0250	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.098
44.5250	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.098
45.0250	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.098
45.5250	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.098
46.0250	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.098
46.5250	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.098
47.0250	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.098
47.5250	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.098
48.0250	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.098
48.5250	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.098
49.0250	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.098
49.5250	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.098

TEST M3 HEAT BALANCE TRANSIENT 2598 (50 ms Averaged) INT1 MJ RECORD = 3

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	-1.136	-0.673	-0.643	-0.643	-0.673	-0.732	-0.628	-0.762	-0.688	-0.673
0.5250	-0.553	-0.673	-0.717	-0.747	-0.792	-0.703	-0.777	-0.732	-0.688	-0.792
1.0250	-0.792	-0.643	-0.777	-0.717	-0.732	-0.747	-0.717	-0.703	-0.703	-0.732
1.5250	-0.732	-0.658	-0.717	-0.703	-0.747	-0.732	-0.658	-0.732	-0.747	-0.688
2.0250	-0.688	-0.688	-0.703	-0.762	-0.762	-0.777	-0.717	-0.673	-0.747	-0.688
2.5250	-0.822	-0.822	-0.732	-0.703	-0.703	-0.717	-0.762	-0.673	-0.643	-0.747
3.0250	-0.762	-0.777	-0.762	-0.777	-0.732	-0.613	-0.613	-0.628	-0.598	-0.613
3.5250	-0.538	-0.493	-0.463	-0.358	-0.299	-0.254	-0.194	-0.194	-0.149	-0.149
4.0250	-0.149	-0.149	-0.149	-0.134	-0.104	0.180	0.478	0.598	0.613	0.867
4.5250	1.315	1.390	2.002	2.241	2.839	3.318	3.946	4.752	5.604	6.635
5.0250	7.726	9.041	10.236	11.522	12.822	14.197	15.318	16.722	18.022	19.278
5.5250	20.593	22.042	23.283	24.538	25.883	27.153	28.513	29.738	31.009	32.383
6.0250	33.594	34.969	36.179	37.494	38.825	40.094	41.350	42.635	43.950	45.131
6.5250	46.476	47.820	49.016	50.331	51.571	52.887	54.067	55.382	56.742	57.968
7.0250	59.312	60.523	61.808	63.033	64.394	65.619	66.814	68.190	69.459	70.715
7.5250	71.956	73.255	74.525	75.796	77.081	78.381	79.547	80.892	82.177	83.432
8.0250	84.672	86.017	87.198	88.543	89.798	91.084	92.294	93.624	94.969	96.134
8.5250	97.449	98.690	99.990	101.215	102.516	103.801	105.041	106.371	107.626	108.896
9.0250	110.167	111.407	112.782	113.903	115.263	116.578	117.878	119.103	120.344	121.644
9.5250	122.839	124.214	125.485	126.635	128.025	129.295	130.490	131.761	133.121	134.391
10.0250	135.587	136.932	138.142	139.427	140.727	141.878	143.313	144.478	145.838	147.034
10.5250	148.334	149.634	150.919	152.159	153.414	154.790	155.910	157.240	158.526	159.885
11.0250	161.081	162.366	163.741	164.891	166.192	167.462	168.762	169.988	171.303	172.677
11.5250	173.828	175.173	176.473	177.669	178.939	180.194	181.569	182.780	184.139	185.380
12.0250	186.560	187.875	189.191	190.535	191.746	193.106	194.376	195.616	196.887	198.142
12.5250	199.532	200.668	202.057	203.312	204.523	205.853	207.093	208.498	209.634	211.024
13.0250	212.264	213.609	214.805	216.090	217.434	218.630	219.960	221.290	222.471	223.831
13.5250	225.086	226.401	227.552	228.941	230.197	231.527	232.752	234.038	235.367	236.518
14.0250	237.833	239.223	240.493	241.704	243.019	244.348	245.544	246.874	248.204	249.505
14.5250	250.760	252.015	253.405	254.600	255.900	257.171	258.471	259.711	261.071	262.356
15.0250	263.596	264.852	266.152	267.467	268.767	270.007	271.337	272.683	273.833	275.208
15.5250	276.523	277.793	279.019	280.408	281.604	282.964	284.190	285.415	286.850	288.045
16.0250	289.389	290.645	291.960	293.215	294.515	295.816	297.116	298.416	299.731	301.001
16.5250	302.152	303.586	304.916	306.097	307.472	308.697	310.132	311.253	312.553	313.883
17.0250	315.168	316.408	317.724	319.068	320.309	321.609	322.939	324.179	325.450	326.764
17.5250	328.139	329.395	330.590	331.950	333.116	334.550	335.776	337.151	338.421	339.721
18.0250	340.947	342.321	343.592	344.817	346.191	347.492	348.732	349.972	351.378	352.678
18.5250	353.828	355.203	356.518	357.833	359.073	360.359	361.719	362.914	364.199	365.529
19.0250	366.874	368.099	369 340	370.715	371.970	373.285	374.615	376.005	377.111	378.486
19.5250	379.786	381.206	382.476	383.686	385.091	386.346	387.661	388.857	390.217	391.576
20.0250	392.787	394.087	395.387	396.777	397.928	399.332	400.663	401.888	403.128	404.518
20.5250	405.878	407.013	408.344	409.674	410.929	412.214	413.484	414.799	416.174	417.474
21.0250	418.685	420.060	421.345	422.660	423.915	425.230	426.516	427.726	429.056	430.401
21.5250	431.657	432.941	434.197	435.557	436.767	438.112	439.427	440.742	441.938	443.297
22.0250	444.702	445.898	447.258	448.513	449.813	451.113	452.398	453.744	455.028	456.254
22.5250	457.569	458.929	460.259	461.440	462.785	464.084	465.370	466.610	467.955	469.285
23.0250	470.630	471.796	473.111	474.530	475.756	477.011	478.356	479.641	480.897	482.241
23.5250	483.617	484.842	486.127	487.413	488.712	490.072	491.268	492.643	493.883	495.288
24.0250	496.468	497.798	499.144	500.473	501.654	502.954	504.298	505.494	506.869	508.169
24.5250	509.365	510.665	512.024	513.400	514.551	515.880	517.195	518.525	519.766	521.081

TEST M3 HEAT BALANCE TRANSIENT 2598 (50 ms Averaged) INT1 MJ RECORD = 4

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0250	522.426	523.636	524.787	526.251	527.536	528.897	530.092	531.452	532.693	5[illegible].873
25.5250	535.158	536.428	537.609	538.849	540.165	541.255	542.615	543.856	545.111	54[illegible].381
26.0250	547.682	548.503	549.026	549.041	549.056	549.041	549.086	549.131	549.190	549.295
26.5250	549.355	549.370	549.489	549.594	549.653	549.698	549.713	549.758	549.788	549.758
27.0250	549.788	549.788	549.788	549.788	549.788	549.773	549.788	549.788	549.788	549.788
27.5250	549.788	549.788	549.788	549.788	549.788	549.803	549.788	549.788	549.788	549.847
28.0250	549.818	549.877	549.877	549.952	549.997	550.117	550.117	550.221	550.236	550.236
28.5250	550.326	550.296	550.401	550.460	550.460	550.490	550.505	550.535	550.520	550.535
29.0250	550.505	550.535	550.520	550.535	550.535	550.535	550.535	550.550	550.535	550.535
29.5250	550.535	550.535	550.535	550.535	550.535	550.535	550.535	550.550	550.535	550.535
30.0250	550.535	550.565	550.535	550.580	550.580	550.550	550.565	550.655	550.625	550.655
30.5250	550.699	550.699	550.789	550.759	550.849	550.834	550.938	550.983	551.028	551.088
31.0250	551.043	551.118	551.133	551.222	551.207	551.237	551.267	551.282	551.267	551.282
31.5250	551.252	551.267	551.267	551.267	551.282	551.282	551.282	551.282	551.282	551.282
32.0250	551.282	551.282	551.282	551.282	551.282	551.282	551.282	551.282	551.282	551.282
32.5250	281.335	18.710	4.364	0.613	-0.209	-0.658	-0.837	-0.807	-0.897	-0.882
33.0250	-0.822	-0.852	-0.867	-0.837	-0.822	-0.807	-0.822	-0.807	-0.807	-0.867
33.5250	-0.852	-0.822	-0.777	-0.822	-0.807	-0.852	-0.822	-0.867	-0.822	-0.822
34.0250	-0.837	-0.867	-0.762	-0.807	-0.777	-0.807	-0.837	-0.807	-0.807	-0.852
34.5250	-0.807	-0.897	-0.822	-0.777	-0.867	-0.852	-0.762	-0.867	-0.837	-0.852
35.0250	-0.792	-0.807	-0.807	-0.792	-0.747	-0.717	-0.762	-0.792	-0.792	-0.717
35.5250	-0.717	-0.732	-0.732	-0.762	-0.673	-0.688	-0.732	-0.703	-0.777	-0.732
36.0250	-0.613	-0.762	-0.688	-0.703	-0.688	-0.688	-0.673	-0.762	-0.643	-0.747
36.5250	-0.688	-0.643	-0.658	-0.732	-0.792	-0.658	-0.658	-0.688	-0.688	-0.583
37.0250	-0.688	-0.598	-0.643	-0.688	-0.673	-0.673	-0.598	-0.643	-0.703	-0.673
37.5250	-0.643	-0.643	-0.628	-0.553	-0.613	-0.598	-0.643	-0.613	-0.613	-0.703
38.0250	-0.658	-0.598	-0.628	-0.643	-0.673	-0.628	-0.613	-0.613	-0.598	-0.717
38.5250	-0.688	-0.703	-0.673	-0.568	-0.583	-0.598	-0.688	-0.673	-0.658	-0.598
39.0250	-0.643	-0.628	-0.628	-0.598	-0.598	-0.613	-0.598	-0.628	-0.508	-0.658
39.5250	-0.717	-0.643	-0.628	-0.583	-0.673	-0.613	-0.658	-0.583	-0.553	-0.583
40.0250	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583
40.5250	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583
41.0250	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583
41.5250	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583
42.0250	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583
42.5250	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583
43.0250	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583
43.5250	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583
44.0250	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583
44.5250	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583
45.0250	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583
45.5250	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583
46.0250	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583
46.5250	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583
47.0250	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583
47.5250	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583
48.0250	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583
48.5250	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583
49.0250	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583
49.5250	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583	-0.583

TEST M3 HEAT BALANCE TRANSIENT 2598 (50 ms Averaged) SF1C MW RECORD = 7

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	-0.007	-0.012	-0.008	-0.014	-0.010	-0.011	-0.014	-0.013	-0.011	-0.010
0.5250	-0.010	-0.010	-0.002	-0.010	-0.014	-0.010	-0.013	-0.011	-0.013	-0.010
1.0250	-0.011	-0.011	-0.010	-0.012	-0.009	-0.011	-0.011	-0.012	-0.012	-0.007
1.5250	-0.010	-0.012	-0.011	-0.010	-0.009	-0.006	-0.008	-0.008	-0.006	-0.004
2.0250	-0.003	0.002	0.002	0.008	0.003	0.007	0.014	0.009	0.018	0.020
2.5250	0.026	0.026	0.026	0.029	0.029	0.030	0.030	0.032	0.037	0.044
3.0250	0.062	0.075	0.080	0.085	0.107	0.127	0.142	0.175	0.204	0.235
3.5250	0.271	0.318	0.375	0.436	0.500	0.591	0.687	0.801	0.929	1.086
4.0250	1.265	1.469	1.715	1.985	2.312	2.690	3.128	3.642	4.230	4.913
4.5250	5.718	6.632	7.695	8.930	10.386	12.026	13.929	16.154	18.691	21.619
5.0250	24.001	24.770	25.078	25.324	25.564	25.760	25.914	26.048	26.102	26.119
5.5250	26.109	26.110	26.061	26.050	25.973	25.913	25.866	25.808	25.804	25.738
6.0250	25.706	25.686	25.668	25.633	25.609	25.608	25.578	25.551	25.561	25.517
6.5250	25.472	25.469	25.459	25.446	25.434	25.436	25.422	25.423	25.409	25.399
7.0250	25.422	25.407	25.393	25.381	25.389	25.380	25.387	25.401	25.394	25.380
7.5250	25.368	25.370	25.368	25.376	25.347	25.369	25.362	25.371	25.352	25.362
8.0250	25.357	25.339	25.365	25.366	25.375	25.345	25.363	25.370	25.370	25.369
8.5250	25.356	25.366	25.362	25.372	25.367	25.385	25.359	25.378	25.364	25.368
9.0250	25.376	25.378	25.379	25.359	25.410	25.396	25.372	25.376	25.391	25.379
9.5250	25.383	25.371	25.375	25.375	25.376	25.382	25.385	25.405	25.378	25.378
10.0250	25.391	25.412	25.399	25.408	25.429	25.406	25.407	25.418	25.445	25.433
10.5250	25.445	25.459	25.458	25.433	25.448	25.443	25.453	25.436	25.446	25.444
11.0250	25.445	25.454	25.448	25.449	25.446	25.460	25.468	25.467	25.478	25.479
11.5250	25.496	25.486	25.498	25.490	25.499	25.507	25.514	25.504	25.501	25.498
12.0250	25.495	25.516	25.526	25.524	25.545	25.559	25.534	25.545	25.537	25.564
12.5250	25.554	25.540	25.552	25.539	25.569	25.561	25.562	25.562	25.600	25.573
13.0250	25.559	25.577	25.574	25.571	25.599	25.612	25.607	25.618	25.602	25.618
13.5250	25.599	25.606	25.650	25.635	25.630	25.631	25.647	25.645	25.640	25.656
14.0250	25.649	25.658	25.662	25.669	25.665	25.651	25.698	25.661	25.672	25.681
14.5250	25.690	25.685	25.672	25.674	25.661	25.707	25.682	25.696	25.703	25.723
15.0250	25.704	25.731	25.724	25.725	25.735	25.728	25.727	25.732	25.757	25.730
15.5250	25.761	25.746	25.750	25.771	25.767	25.760	25.785	25.781	25.783	25.765
16.0250	25.789	25.772	25.799	25.791	25.792	25.807	25.798	25.792	25.794	25.803
16.5250	25.817	25.810	25.839	25.835	25.831	25.815	25.830	25.826	25.843	25.823
17.0250	25.849	25.824	25.857	25.868	25.858	25.872	25.850	25.845	25.856	25.831
17.5250	25.851	25.864	25.888	25.856	25.880	25.876	25.882	25.873	25.873	25.866
18.0250	25.873	25.891	25.896	25.917	25.886	25.920	25.900	25.893	25.919	25.935
18.5250	25.918	25.926	25.937	25.920	25.945	25.933	25.935	25.925	25.962	25.924
19.0250	25.969	25.960	25.936	25.922	25.927	25.944	25.942	25.971	25.973	25.963
19.5250	26.002	25.975	25.969	25.968	25.973	25.972	25.977	25.984	25.963	25.995
20.0250	25.989	25.997	25.973	26.001	25.994	26.006	25.990	26.002	26.008	26.005
20.5250	26.009	26.028	26.003	26.029	26.005	25.973	26.017	25.994	26.014	26.026
21.0250	26.025	26.000	26.009	26.020	26.041	26.032	26.024	26.049	26.048	26.058
21.5250	26.058	26.043	26.065	26.048	26.048	26.063	26.073	26.067	26.069	26.076
22.0250	26.058	26.062	26.079	26.078	26.070	26.066	26.080	26.086	26.074	26.067
22.5250	26.075	26.091	26.108	26.078	26.089	26.104	26.085	26.107	26.098	26.106
23.0250	26.119	26.095	26.117	26.100	26.115	26.084	26.106	26.117	26.097	26.131
23.5250	26.096	26.092	26.105	26.112	26.093	26.118	26.096	26.106	26.107	26.096
24.0250	26.123	26.114	26.132	26.124	26.134	26.118	26.098	26.109	26.104	26.110
24.5250	26.113	26.111	26.106	26.113	26.142	26.104	26.115	26.119	26.123	26.113

TEST M3 HEAT BALANCE TRANSIENT 2598 (50 ms Averaged) SF1C MW RECORD = 8

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0250	26.106	26.117	26.106	26.102	26.119	26.103	26.113	26.113	26.118	26.137
25.5250	26.121	26.108	26.104	26.117	26.129	26.113	26.130	26.137	26.132	26.113
26.0250	23.666	13.963	3.695	1.013	0.777	0.759	0.747	0.728	0.715	0.699
26.5250	0.682	0.667	0.660	0.647	0.637	0.625	0.618	0.614	0.605	0.599
27.0250	0.587	0.578	0.578	0.568	0.561	0.559	0.542	0.538	0.528	0.521
27.5250	0.519	0.516	0.514	0.506	0.503	0.494	0.486	0.476	0.473	0.476
28.0250	0.468	0.469	0.461	0.460	0.457	0.451	0.444	0.434	0.434	0.429
28.5250	0.427	0.423	0.421	0.420	0.420	0.415	0.412	0.408	0.405	0.401
29.0250	0.398	0.390	0.387	0.383	0.378	0.376	0.375	0.373	0.374	0.369
29.5250	0.367	0.366	0.365	0.361	0.359	0.347	0.343	0.342	0.338	0.335
30.0250	0.331	0.329	0.327	0.325	0.323	0.325	0.323	0.322	0.320	0.319
30.5250	0.318	0.316	0.315	0.312	0.309	0.309	0.308	0.293	0.295	0.290
31.0250	0.288	0.287	0.285	0.287	0.280	0.277	0.274	0.275	0.275	0.274
31.5250	0.275	0.273	0.273	0.272	0.269	0.267	0.261	0.268	0.266	0.262
32.0250	0.253	0.257	0.249	0.257	0.249	0.251	0.241	0.245	0.240	0.238
32.5250	0.234	0.234	0.232	0.231	0.229	0.233	0.231	0.227	0.227	0.229
33.0250	0.230	0.226	0.226	0.225	0.226	0.224	0.226	0.225	0.225	0.225
33.5250	0.225	0.222	0.223	0.222	0.221	0.222	0.219	0.216	0.217	0.214
34.0250	0.215	0.211	0.213	0.213	0.207	0.204	0.202	0.204	0.202	0.199
34.5250	0.197	0.200	0.189	0.188	0.188	0.184	0.187	0.188	0.176	0.183
35.0250	0.177	0.178	0.176	0.176	0.181	0.182	0.181	0.183	0.179	0.179
35.5250	0.179	0.178	0.178	0.177	0.176	0.177	0.174	0.177	0.177	0.177
36.0250	0.175	0.175	0.176	0.175	0.172	0.176	0.175	0.175	0.175	0.174
36.5250	0.174	0.173	0.171	0.173	0.173	0.171	0.171	0.168	0.171	0.164
37.0250	0.167	0.164	0.164	0.164	0.159	0.160	0.157	0.158	0.157	0.161
37.5250	0.152	0.150	0.154	0.151	0.152	0.154	0.156	0.146	0.151	0.151
38.0250	0.148	0.149	0.141	0.143	0.144	0.142	0.142	0.140	0.132	0.136
38.5250	0.137	0.136	0.136	0.134	0.134	0.138	0.136	0.132	0.130	0.133
39.0250	0.133	0.132	0.132	0.131	0.131	0.133	0.130	0.130	0.131	0.129
39.5250	0.129	0.129	0.127	0.130	0.130	0.127	0.129	0.130	0.128	0.127
40.0250	0.127	0.127	0.127	0.127	0.127	0.127	0.127	0.127	0.127	0.127
40.5250	0.127	0.127	0.127	0.127	0.127	0.127	0.127	0.127	0.127	0.127
41.0250	0.127	0.127	0.127	0.127	0.127	0.127	0.127	0.127	0.127	0.127
41.5250	0.127	0.127	0.127	0.127	0.127	0.127	0.127	0.127	0.127	0.127
42.0250	0.127	0.127	0.127	0.127	0.127	0.127	0.127	0.127	0.127	0.127
42.5250	0.127	0.127	0.127	0.127	0.127	0.127	0.127	0.127	0.127	0.127
43.0250	0.127	0.127	0.127	0.127	0.127	0.127	0.127	0.127	0.127	0.127
43.5250	0.127	0.127	0.127	0.127	0.127	0.127	0.127	0.127	0.127	0.127
44.0250	0.127	0.127	0.127	0.127	0.127	0.127	0.127	0.127	0.127	0.127
44.5250	0.127	0.127	0.127	0.127	0.127	0.127	0.127	0.127	0.127	0.127
45.0250	0.127	0.127	0.127	0.127	0.127	0.127	0.127	0.127	0.127	0.127
45.5250	0.127	0.127	0.127	0.127	0.127	0.127	0.127	0.127	0.127	0.127
46.0250	0.127	0.127	0.127	0.127	0.127	0.127	0.127	0.127	0.127	0.127
46.5250	0.127	0.127	0.127	0.127	0.127	0.127	0.127	0.127	0.127	0.127
47.0250	0.127	0.127	0.127	0.127	0.127	0.127	0.127	0.127	0.127	0.127
47.5250	0.127	0.127	0.127	0.127	0.127	0.127	0.127	0.127	0.127	0.127
48.0250	0.127	0.127	0.127	0.127	0.127	0.127	0.127	0.127	0.127	0.127
48.5250	0.127	0.127	0.127	0.127	0.127	0.127	0.127	0.127	0.127	0.127
49.0250	0.127	0.127	0.127	0.127	0.127	0.127	0.127	0.127	0.127	0.127
49.5250	0.127	0.127	0.127	0.127	0.127	0.127	0.127	0.127	0.127	0.127

TEST M3 HEAT BALANCE TRANSIENT 2598 (50 ms Averaged) IN1C MJ RECORD = 9

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	-0.414	0.050	0.080	0.080	0.050	-0.010	0.094	-0.040	0.035	0.050
0.5250	0.169	0.050	0.005	-0.025	-0.070	0.020	-0.055	-0.010	0.035	-0.070
1.0250	-0.070	0.080	-0.055	0.005	-0.010	-0.025	0.005	0.020	0.020	-0.010
1.5250	-0.010	0.065	0.005	0.020	-0.025	-0.010	0.065	-0.010	-0.025	0.035
2.0250	0.035	0.035	0.020	-0.040	-0.040	-0.055	0.005	0.050	-0.025	0.035
2.5250	-0.100	-0.100	-0.010	0.020	0.020	0.005	-0.040	0.050	0.080	-0.025
3.0250	-0.040	-0.055	-0.040	-0.055	-0.010	0.109	0.109	0.094	0.124	0.109
3.5250	0.184	0.229	0.259	0.364	0.424	0.468	0.528	0.528	0.573	0.573
4.0250	0.573	0.573	0.573	0.588	0.618	0.902	1.201	1.320	1.335	1.589
4.5250	2.037	2.112	2.725	2.964	3.561	4.040	4.668	5.475	6.326	7.357
5.0250	8.449	9.763	10.959	12.244	13.544	14.919	16.040	17.444	18.745	20.000
5.5250	21.315	22.764	24.005	25.260	26.605	27.876	29.235	30.460	31.731	33.106
6.0250	34.316	35.691	36.901	38.217	39.547	40.817	42.072	43.357	44.672	45.853
6.5250	47.198	48.543	49.738	51.054	52.294	53.609	54.790	56.104	57.465	58.690
7.0250	60.034	61.246	62.530	63.756	65.116	66.341	67.536	68.912	70.182	71.437
7.5250	72.678	73.977	75.248	76.518	77.803	79.103	80.269	81.614	82.899	84.155
8.0250	85.395	86.740	87.920	89.265	90.520	91.806	93.016	94.346	95.691	96.857
8.5250	98.171	99.412	100.712	101.937	103.238	104.523	105.763	107.094	108.348	109.619
9.0250	110.889	112.129	113.504	114.625	115.985	117.300	118.600	119.825	121.066	122.366
9.5250	123.561	124.936	126.207	127.357	128.747	130.017	131.213	132.483	133.843	135.113
10.0250	136.309	137.654	138.864	140.150	141.450	142.600	144.035	145.201	146.560	147.756
10.5250	149.056	150.356	151.642	152.882	154.137	155.512	156.633	157.962	159.248	160.608
11.0250	161.803	163.088	164.463	165.614	166.914	168.184	169.484	170.710	172.025	173.399
11.5250	174.550	175.895	177.195	178.391	179.661	180.916	182.291	183.502	184.861	186.102
12.0250	187.283	188.597	189.913	191.258	192.468	193.828	195.098	196.339	197.609	198.864
12.5250	200.254	201.390	202.779	204.035	205.245	206.575	207.816	209.221	210.356	211.746
13.0250	212.986	214.331	215.527	216.812	218.157	219.352	220.683	222.012	223.193	224.553
13.5250	225.808	227.124	228.274	229.664	230.919	232.249	233.474	234.760	236.089	237.240
14.0250	238.555	239.945	241.215	242.426	243.741	245.070	246.266	247.596	248.926	250.227
14.5250	251.482	252.737	254.127	255.322	256.622	257.893	259.193	260.433	261.793	263.078
15.0250	264.319	265.574	266.874	268.189	269.489	270.729	272.060	273.405	274.555	275.930
15.5250	277.245	278.515	279.741	281.131	282.326	283.686	284.912	286.137	287.572	288.767
16.0250	290.112	291.367	292.682	293.937	295.238	296.538	297.838	299.139	300.453	301.723
16.5250	302.874	304.309	305.638	306.819	308.194	309.419	310.854	311.975	313.275	314.605
17.0250	315.890	317.130	318.446	319.791	321.031	322.331	323.661	324.901	326.172	327.487
17.5250	328.862	330.117	331.312	332.673	333.838	335.272	336.498	337.873	339.143	340.443
18.0250	341.669	343.043	344.314	345.539	346.914	348.214	349.454	350.694	352.100	353.400
18.5250	354.550	355.925	357.240	358.555	359.796	361.081	362.441	363.637	364.921	366.251
19.0250	367.597	368.822	370.062	371.437	372.692	374.007	375.338	376.727	377.833	379.208
19.5250	380.508	381.928	383.198	384.408	385.813	387.068	388.383	389.579	390.939	392.298
20.0250	393.509	394.809	396.109	397.499	398.650	400.054	401.385	402.610	403.850	405.240
20.5250	406.600	407.736	409.066	410.396	411.651	412.937	414.206	415.522	416.897	418.196
21.0250	419.407	420.782	422.067	423.382	424.638	425.952	427.238	428.448	429.778	431.124
21.5250	432.379	433.663	434.919	436.279	437.489	438.834	440.149	441.464	442.660	444.020
22.0250	445.425	446.620	447.980	449.236	450.535	451.835	453.120	454.466	455.750	456.976
22.5250	458.291	459.651	460.981	462.162	463.507	464.807	466.092	467.332	468.677	470.007
23.0250	471.352	472.518	473.833	475.253	476.478	477.733	479.078	480.364	481.619	482.963
23.5250	484.339	485.564	486.849	488.135	489.435	490.794	491.990	493.365	494.605	496.010
24.0250	497.190	498.521	499.866	501.195	502.376	503.676	505.021	506.216	507.591	508.891
24.5250	510.087	511.387	512.747	514.122	515.273	516.602	517.917	519.248	520.488	521.803

TEST M3 HEAT BALANCE TRANSIENT 2598 (50 ms Averaged) IN1C MJ RECORD = 10

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0250	523.148	524.359	525.510	526.974	528.259	529.619	530.815	532.174	533.415	534.595
25.5250	535.880	537.151	538.331	539.571	540.887	541.977	543.337	544.578	545.833	547.103
26.0250	548.404	549.226	549.748	549.763	549.778	549.763	549.808	549.853	549.913	550.017
26.5250	550.077	550.092	550.211	550.316	550.375	550.420	550.435	550.480	550.510	550.480
27.0250	550.510	550.510	550.510	550.510	550.510	550.495	550.510	550.510	550.510	550.510
27.5250	550.510	550.510	550.510	550.510	550.510	550.525	550.510	550.510	550.510	550.570
28.0250	550.540	550.600	550.600	550.674	550.719	550.839	550.839	550.943	550.958	550.958
28.5250	551.048	551.018	551.123	551.183	551.183	551.212	551.227	551.257	551.242	551.257
29.0250	551.227	551.257	551.242	551.257	551.257	551.257	551.257	551.272	551.257	551.257
29.5250	551.257	551.257	551.257	551.257	551.257	551.257	551.257	551.272	551.257	551.257
30.0250	551.257	551.287	551.257	551.302	551.302	551.272	551.287	551.377	551.347	551.377
30.5250	551.422	551.422	551.511	551.481	551.571	551.556	551.661	551.705	551.750	551.810
31.0250	551.765	551.840	551.855	551.944	551.929	551.959	551.989	552.004	551.989	552.004
31.5250	551.974	551.989	551.989	551.989	552.004	552.004	552.004	552.004	552.004	552.004
32.0250	552.004	552.004	552.004	552.004	552.004	552.004	552.004	552.004	552.004	552.004
32.5250	282.057	19.432	5.086	1.335	0.513	0.065	-0.115	-0.085	-0.175	-0.160
33.0250	-0.100	-0.130	-0.145	-0.115	-0.100	-0.085	-0.100	-0.085	-0.085	-0.145
33.5250	-0.130	-0.100	-0.055	-0.100	-0.085	-0.130	-0.100	-0.145	-0.100	-0.100
34.0250	-0.115	-0.145	-0.040	-0.085	-0.055	-0.085	-0.115	-0.085	-0.085	-0.130
34.5250	-0.085	-0.175	-0.100	-0.055	-0.145	-0.130	-0.040	-0.145	-0.115	-0.130
35.0250	-0.070	-0.085	-0.085	-0.070	-0.025	0.005	-0.040	-0.070	-0.070	0.005
35.5250	0.005	-0.010	-0.010	-0.040	0.050	0.035	-0.010	0.020	-0.055	-0.010
36.0250	0.109	-0.040	0.035	0.020	0.035	0.035	0.050	-0.040	0.080	-0.025
36.5250	0.035	0.080	0.065	-0.010	-0.070	0.065	0.065	0.035	0.035	0.139
37.0250	0.035	0.124	0.080	0.035	0.050	0.050	0.124	0.080	0.020	0.050
37.5250	0.080	0.080	0.094	0.169	0.109	0.124	0.080	0.109	0.109	0.020
38.0250	0.065	0.124	0.094	0.080	0.050	0.094	0.109	0.109	0.124	0.005
38.5250	0.035	0.020	0.050	0.154	0.139	0.124	0.035	0.050	0.065	0.124
39.0250	0.080	0.094	0.094	0.124	0.124	0.109	0.124	0.094	0.214	0.065
39.5250	0.005	0.080	0.094	0.139	0.050	0.109	0.065	0.139	0.169	0.139
40.0250	0.139	0.139	0.139	0.139	0.139	0.139	0.139	0.139	0.139	0.139
40.5250	0.139	0.139	0.139	0.139	0.139	0.139	0.139	0.139	0.139	0.139
41.0250	0.139	0.139	0.139	0.139	0.139	0.139	0.139	0.139	0.139	0.139
41.5250	0.139	0.139	0.139	0.139	0.139	0.139	0.139	0.139	0.139	0.139
42.0250	0.139	0.139	0.139	0.139	0.139	0.139	0.139	0.139	0.139	0.139
42.5250	0.139	0.139	0.139	0.139	0.139	0.139	0.139	0.139	0.139	0.139
43.0250	0.139	0.139	0.139	0.139	0.139	0.139	0.139	0.139	0.139	0.139
43.5250	0.139	0.139	0.139	0.139	0.139	0.139	0.139	0.139	0.139	0.139
44.0250	0.139	0.139	0.139	0.139	0.139	0.139	0.139	0.139	0.139	0.139
44.5250	0.139	0.139	0.139	0.139	0.139	0.139	0.139	0.139	0.139	0.139
45.0250	0.139	0.139	0.139	0.139	0.139	0.139	0.139	0.139	0.139	0.139
45.5250	0.139	0.139	0.139	0.139	0.139	0.139	0.139	0.139	0.139	0.139
46.0250	0.139	0.139	0.139	0.139	0.139	0.139	0.139	0.139	0.139	0.139
46.5250	0.139	0.139	0.139	0.139	0.139	0.139	0.139	0.139	0.139	0.139
47.0250	0.139	0.139	0.139	0.139	0.139	0.139	0.139	0.139	0.139	0.139
47.5250	0.139	0.139	0.139	0.139	0.139	0.139	0.139	0.139	0.139	0.139
48.0250	0.139	0.139	0.139	0.139	0.139	0.139	0.139	0.139	0.139	0.139
48.5250	0.139	0.139	0.139	0.139	0.139	0.139	0.139	0.139	0.139	0.139
49.0250	0.139	0.139	0.139	0.139	0.139	0.139	0.139	0.139	0.139	0.139
49.5250	0.139	0.139	0.139	0.139	0.139	0.139	0.139	0.139	0.139	0.139

TEST M3 HEAT BALANCE TRANSIENT 2598 (50 ms Averaged) ROD1 CM RECORD = 11

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	-0.447	-0.419	-0.427	-0.442	-0.445	-0.429	-0.450	-0.450	-0.434	-0.434
0.5250	-0.457	7.617	22.230	27.481	29.349	29.964	30.270	30.424	30.531	30.625
1.0250	30.665	30.729	30.757	30.767	30.789	30.799	30.824	30.836	30.844	30.844
1.5250	30.869	30.854	30.864	30.864	30.864	30.861	30.871	30.859	30.864	30.854
2.0250	30.861	30.874	30.871	30.861	30.866	30.869	30.864	30.866	30.856	30.866
2.5250	30.864	30.866	30.861	30.864	30.866	30.859	30.859	30.869	30.871	30.864
3.0250	30.866	30.869	31.424	32.095	32.339	32.367	32.428	32.393	32.405	32.466
3.5250	32.484	32.512	32.527	32.517	32.555	32.568	32.565	32.545	32.560	32.588
4.0250	32.609	32.629	32.642	32.649	32.647	32.664	32.669	32.685	32.713	32.761
4.5250	32.774	32.779	32.823	32.863	32.901	32.926	33.000	33.073	33.162	32.877
5.0250	28.772	26.636	26.340	26.276	26.168	26.032	25.893	25.768	25.629	25.557
5.5250	25.466	25.421	25.368	25.341	25.326	25.331	25.326	25.356	25.381	25.413
6.0250	25.446	25.474	25.540	25.563	25.601	25.651	25.707	25.771	25.811	25.845
6.5250	25.931	25.969	26.037	26.085	26.163	26.233	26.307	26.363	26.436	26.502
7.0250	26.573	26.655	26.728	26.800	26.838	26.937	27.018	27.102	27.178	27.267
7.5250	27.335	27.427	27.495	27.595	27.701	27.800	27.897	27.993	28.112	28.222
8.0250	28.324	28.433	28.539	28.666	28.782	28.895	29.007	29.113	29.238	29.345
8.5250	29.437	29.538	29.660	29.769	29.868	29.977	30.071	30.184	30.292	30.386
9.0250	30.477	30.599	30.721	30.831	30.904	31.003	31.112	31.217	31.326	31.407
9.5250	31.506	31.615	31.709	31.819	31.920	32.017	32.121	32.213	32.309	32.400
10.0250	32.504	32.601	32.718	32.828	32.936	33.053	33.177	33.335	33.443	33.594
10.5250	33.734	33.858	34.013	34.160	34.295	34.420	34.552	34.696	34.830	34.956
11.0250	35.085	35.220	35.326	35.430	35.547	35.657	35.778	35.867	35.966	36.065
11.5250	36.199	36.304	36.391	36.510	36.619	36.751	36.880	37.000	37.120	37.249
12.0250	37.391	37.513	37.649	37.783	37.917	38.021	38.151	38.294	38.418	38.534
12.5250	38.664	38.796	38.946	39.053	39.200	39.340	39.454	39.558	39.693	39.814
13.0250	39.954	40.076	40.193	40.323	40.442	40.538	40.650	40.780	40.896	41.008
13.5250	41.145	41.255	41.377	41.504	41.623	41.748	41.867	42.001	42.106	42.220
14.0250	42.355	42.448	42.550	42.667	42.776	42.888	43.000	43.089	43.198	43.322
14.5250	43.421	43.536	43.650	43.780	43.904	44.033	44.153	44.277	44.410	44.539
15.0250	44.661	44.780	44.917	45.055	45.179	45.306	45.446	45.583	45.704	45.852
15.5250	45.979	46.086	46.228	46.374	46.523	46.627	46.751	46.866	47.008	47.116
16.0250	47.257	47.404	47.523	47.630	47.743	47.861	47.998	48.110	48.240	48.346
16.5250	48.494	48.608	48.732	48.875	49.009	49.140	49.266	49.418	49.561	49.690
17.0250	49.830	49.969	50.129	50.259	50.403	50.538	50.665	50.800	50.947	51.089
17.5250	51.227	51.372	51.519	51.641	51.767	51.920	52.052	52.194	52.306	52.477
18.0250	52.596	52.718	52.860	53.005	53.124	53.259	53.383	53.536	53.678	53.819
18.5250	53.942	54.105	54.247	54.389	54.534	54.668	54.803	54.966	55.115	55.234
19.0250	55.397	55.535	55.651	55.771	55.896	56.038	56.154	56.276	56.391	56.484
19.5250	56.645	56.744	56.876	57.010	57.147	57.248	57.363	57.501	57.633	57.767
20.0250	57.895	58.031	58.184	58.321	58.440	58.582	58.733	58.870	59.007	59.169
20.5250	59.297	59.444	59.583	59.720	59.840	59.980	60.124	60.259	60.394	60.526
21.0250	60.662	60.797	60.924	61.072	61.204	61.304	61.448	61.585	61.730	61.851
21.5250	61.984	62.057	62.129	62.324	62.406	62.549	62.650	62.853	63.099	63.213
22.0250	63.361	63.574	63.711	63.861	64.011	64.176	64.323	64.475	64.633	64.790
22.5250	64.927	65.070	65.242	65.380	65.545	65.738	65.872	66.028	66.192	66.342
23.0250	66.500	66.654	66.817	66.970	67.127	67.279	67.422	67.579	67.732	67.854
23.5250	67.972	68.110	68.229	68.341	68.458	68.603	68.719	68.864	68.999	69.159
24.0250	69.326	69.479	69.659	69.825	69.997	70.179	70.338	70.508	70.688	70.844
24.5250	70.988	71.168	71.323	71.448	71.595	71.727	71.862	71.986	72.128	72.271

TEST M3 HEAT BALANCE TRANSIENT 2598 (50 ms Averaged) ROD1 CM RECORD = 12

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0250	72.410	72.573	72.715	72.860	73.017	73.195	73.350	73.506	73.683	73.845
25.5250	74.021	74.187	74.374	74.541	74.744	74.920	75.118	75.308	75.500	74.510
26.0250	57.233	32.826	8.515	-2.598	-2.614	-2.611	-2.631	-2.634	-2.631	-2.637
26.5250	-2.639	-2.647	-2.637	-2.634	-2.642	-2.637	-2.634	-2.619	-2.631	-2.626
27.0250	-2.634	-2.644	-2.637	-2.639	-2.644	-2.637	-2.642	-2.631	-2.634	-2.631
27.5250	-2.634	-2.631	-2.626	-2.626	-2.634	-2.629	-2.634	-2.634	-2.634	-2.631
28.0250	-2.634	-2.624	-2.629	-2.629	-2.634	-2.616	-2.621	-2.631	-2.619	-2.626
28.5250	-2.626	-2.631	-2.616	-2.639	-2.629	-2.637	-2.624	-2.621	-2.616	-2.626
29.0250	-2.629	-2.609	-2.619	-2.619	-2.626	-2.621	-2.619	-2.629	-2.637	-2.629
29.5250	-2.614	-2.619	-2.621	-2.611	-2.614	-2.611	-2.614	-2.616	-2.601	-2.619
30.0250	-2.626	-2.621	-2.614	-2.614	-2.616	-2.626	-2.616	-2.609	-2.616	-2.611
30.5250	-2.619	-2.614	-2.624	-2.609	-2.621	-2.619	-2.609	-2.601	-2.619	-2.598
31.0250	-2.603	-2.611	-2.609	-2.606	-2.603	-2.611	-2.614	-2.601	-2.601	-2.614
31.5250	-2.609	-2.603	-2.596	-2.611	-2.601	-2.598	-2.601	-2.606	-2.593	-2.609
32.0250	-2.611	-2.609	-2.598	-2.591	-2.593	-2.603	-2.601	-2.596	-2.593	-2.641
32.5250	-2.586	-2.591	-2.588	-2.596	-2.606	-2.603	-2.596	-2.593	-2.601	-2.576
33.0250	-2.619	-2.586	-2.583	-2.576	-2.570	-2.583	-2.586	-2.586	-2.583	-2.586
33.5250	-2.583	-2.581	-2.591	-2.573	-2.573	-2.558	-2.581	-2.576	-2.573	-2.586
34.0250	-2.573	-2.573	-2.578	-2.672	-2.733	-2.798	-2.750	-2.781	-2.745	-2.846
34.5250	-2.831	-2.836	-2.915	-3.001	-2.864	-2.950	-2.753	-2.983	-2.968	-3.112
35.0250	-2.998	-2.821	-2.753	-2.748	-2.563	-2.576	-2.570	-2.558	-2.581	-2.568
35.5250	-2.568	-2.586	-2.570	-2.568	-2.570	-2.586	-2.576	-2.576	-2.576	-2.573
36.0250	-2.576	-2.565	-2.570	-2.563	-2.563	-2.565	-2.578	-2.565	-2.570	-2.576
36.5250	-2.583	-2.560	-2.570	-2.568	-2.563	-2.558	-2.558	-2.558	-2.568	-2.550
37.0250	-2.568	-2.573	-2.560	-2.560	-2.565	-2.563	-2.570	-2.555	-2.555	-2.578
37.5250	-2.560	-2.565	-2.560	-2.553	-2.553	-2.568	-2.558	-2.553	-2.560	-2.560
38.0250	-2.576	-2.560	-2.563	-2.560	-2.565	-2.553	-2.560	-2.548	-2.563	-2.553
38.5250	-2.553	-2.565	-2.560	-2.555	-2.555	-2.563	-2.563	-2.548	-2.543	-2.558
39.0250	-2.558	-2.555	-2.550	-2.543	-2.558	-2.553	-2.565	-2.558	-2.553	-2.563
39.5250	-2.565	-2.555	-2.555	-2.555	-2.555	-2.550	-2.550	-2.555	-2.558	-2.558
40.0250	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558
40.5250	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558
41.0250	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558
41.5250	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558
42.0250	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558
42.5250	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558
43.0250	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558
43.5250	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558
44.0250	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558
44.5250	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558
45.0250	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558
45.5250	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558
46.0250	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558
46.5250	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558
47.0250	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558
47.5250	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558
48.0250	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558
48.5250	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558
49.0250	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558
49.5250	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558	-2.558

TEST M3 HEAT BALANCE TRANSIENT 2598 (50 ms Averaged) ROD2 CM RECORD = 13

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	70.980	70.985	70.983	70.983	70.975	70.978	70.983	70.985	70.988	70.985
0.5250	70.978	70.970	70.975	70.975	70.968	70.973	70.968	70.980	70.970	70.973
1.0250	70.970	70.978	70.965	70.970	70.978	70.968	70.978	70.975	70.980	70.965
1.5250	70.968	70.980	70.975	70.975	70.983	70.975	70.973	70.973	70.973	70.965
2.0250	70.978	70.975	70.978	70.983	70.978	70.970	70.975	70.973	70.973	70.973
2.5250	70.978	70.970	70.980	70.973	70.978	70.968	70.978	70.968	70.973	70.975
3.0250	70.973	70.970	70.973	70.973	70.968	70.970	70.968	70.968	70.968	70.965
3.5250	70.970	70.968	70.965	70.968	70.965	70.968	70.973	70.968	70.968	70.965
4.0250	70.968	70.968	70.968	70.965	70.965	70.968	70.973	70.965	70.965	70.975
4.5250	70.968	70.965	70.965	70.965	70.973	70.970	70.965	70.975	70.970	70.968
5.0250	70.965	70.965	70.970	70.970	70.968	70.973	70.965	70.968	70.975	70.973
5.5250	70.973	70.965	70.965	70.968	70.970	70.980	70.973	70.970	70.975	70.973
6.0250	70.973	70.975	70.975	70.970	70.975	70.970	70.975	70.975	70.970	70.975
6.5250	70.968	70.968	70.968	70.978	70.970	70.968	70.965	70.970	70.970	70.970
7.0250	70.973	70.975	70.973	70.968	70.970	70.962	70.970	70.968	70.973	70.973
7.5250	70.968	70.968	70.980	70.978	70.975	70.970	70.973	70.975	70.980	70.970
8.0250	70.965	70.978	70.978	70.970	70.970	70.978	70.965	70.968	70.978	70.975
8.5250	70.975	70.968	70.978	70.973	70.985	70.970	70.968	70.968	70.973	70.978
9.0250	70.973	70.978	70.970	70.978	70.975	70.980	70.975	70.975	70.975	70.975
9.5250	70.968	70.978	70.978	70.975	70.973	70.968	70.970	70.970	70.970	70.975
10.0250	70.968	70.975	70.973	70.978	70.970	70.965	70.975	70.973	70.965	70.970
10.5250	70.968	70.978	70.970	70.965	70.973	70.970	70.968	70.978	70.975	70.968
11.0250	70.970	70.968	70.975	70.965	70.978	70.970	70.980	70.985	70.980	70.978
11.5250	70.975	70.968	70.975	70.973	70.975	70.973	70.973	70.975	70.975	70.975
12.0250	70.983	70.968	70.973	70.970	70.970	70.988	70.970	70.975	70.965	70.965
12.5250	70.975	70.965	70.975	70.970	70.970	70.973	70.973	70.975	70.975	70.978
13.0250	70.973	70.973	70.973	70.975	70.970	70.973	70.965	70.970	70.970	70.965
13.5250	70.968	70.968	70.970	70.980	70.975	70.970	70.968	70.973	70.973	70.975
14.0250	70.973	70.968	70.975	70.970	70.980	70.973	70.968	70.975	70.983	70.980
14.5250	70.980	70.978	70.970	70.983	70.978	70.978	70.983	70.975	70.973	70.970
15.0250	70.973	70.962	70.968	70.983	70.970	70.973	70.973	70.975	70.973	70.975
15.5250	70.978	70.970	70.968	70.970	70.973	70.970	70.973	70.980	70.985	70.978
16.0250	70.975	70.975	70.978	70.975	70.975	70.970	70.988	70.988	70.980	70.973
16.5250	70.973	70.968	70.968	70.962	70.968	70.965	70.962	70.965	70.973	70.970
17.0250	70.975	70.965	70.965	70.970	70.975	70.973	70.968	70.968	70.970	70.973
17.5250	70.965	70.970	70.968	70.968	70.973	70.973	70.965	70.968	70.970	70.968
18.0250	70.973	70.965	70.975	70.970	70.973	70.970	70.968	70.968	70.973	70.965
18.5250	70.973	70.970	70.968	70.973	70.968	70.975	70.973	70.968	70.970	70.970
19.0250	70.965	70.968	70.975	70.975	70.970	70.973	70.962	70.970	70.980	70.965
19.5250	70.970	70.975	70.968	70.962	70.970	70.968	70.970	70.965	70.965	70.968
20.0250	70.965	70.975	70.973	70.975	70.968	70.978	70.968	70.968	70.973	70.970
20.5250	70.970	70.968	70.970	70.975	70.978	70.970	70.975	70.965	70.975	70.968
21.0250	70.970	70.975	70.975	70.973	70.973	70.970	70.968	70.968	70.973	70.980
21.5250	70.978	70.338	69.903	70.282	69.614	69.106	68.099	69.776	70.947	70.907
22.0250	69.844	70.973	70.978	70.975	70.978	70.983	70.973	70.983	70.970	70.962
22.5250	70.965	70.897	70.965	70.968	70.970	70.965	70.965	70.965	70.962	70.968
23.0250	70.965	70.970	70.970	70.970	70.938	70.965	70.970	70.970	70.962	70.968
23.5250	70.968	70.968	70.968	70.968	70.975	70.978	70.968	70.965	70.973	70.970
24.0250	70.975	70.968	70.973	70.970	70.965	70.965	70.973	70.965	70.973	70.978
24.5250	70.970	70.973	70.978	70.973	70.973	70.970	70.980	70.970	70.970	70.975

TEST M3 HEAT BALANCE TRANSIENT 2598 (50 ms Averaged) ROD2 CM RECORD = 14

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0250	70.980	70.970	70.968	70.965	70.970	70.965	70.962	70.978	70.968	70.970
25.5250	70.973	70.975	70.965	70.973	70.973	70.973	70.973	70.980	70.975	70.818
26.0250	68.324	64.188	59.376	54.299	49.044	43.701	38.216	32.764	27.300	21.838
26.5250	16.353	10.671	5.214	-0.025	-0.221	-0.099	-0.020	0.003	0.028	0.102
27.0250	0.135	0.196	0.254	0.269	0.269	0.276	0.266	0.269	0.264	0.269
27.5250	0.269	0.269	0.261	0.274	0.261	0.261	0.259	0.259	0.261	0.254
28.0250	0.261	0.266	0.264	0.264	0.256	0.266	0.269	0.274	0.266	0.266
28.5250	0.259	0.264	0.259	0.264	0.261	0.264	0.261	0.264	0.264	0.261
29.0250	0.261	0.264	0.264	0.261	0.259	0.259	0.266	0.266	0.266	0.259
29.5250	0.264	0.264	0.264	0.266	0.256	0.271	0.261	0.274	0.259	0.264
30.0250	0.264	0.259	0.274	0.269	0.266	0.264	0.266	0.261	0.269	0.269
30.5250	0.281	0.271	0.259	0.269	0.269	0.266	0.279	0.274	0.271	0.266
31.0250	0.261	0.269	0.274	0.271	0.264	0.274	0.266	0.271	0.271	0.269
31.5250	0.286	0.276	0.279	0.271	0.289	0.271	0.276	0.276	0.271	0.269
32.0250	0.281	0.269	0.276	0.281	0.276	0.281	0.271	0.269	0.276	0.274
32.5250	0.281	0.274	0.284	0.294	0.284	0.291	0.291	0.279	0.289	0.296
33.0250	0.263	0.299	0.296	0.291	0.286	0.299	0.296	0.291	0.299	0.284
33.5250	0.299	0.291	0.311	0.301	0.299	0.299	0.289	0.306	0.289	0.306
34.0250	0.296	0.301	0.291	-0.372	-1.320	-1.330	-0.893	-1.242	-1.401	-0.741
34.5250	-1.146	-3.010	-1.844	-2.750	-1.153	-2.719	-1.295	-3.230	-4.199	-5.770
35.0250	-4.252	-2.259	-0.519	-1.255	0.306	0.314	0.314	0.309	0.316	0.306
35.5250	0.326	0.329	0.299	0.316	0.319	0.321	0.321	0.326	0.314	0.321
36.0250	0.319	0.324	0.314	0.324	0.334	0.321	0.334	0.334	0.341	0.324
36.5250	0.334	0.334	0.334	0.331	0.331	0.329	0.324	0.326	0.336	0.329
37.0250	0.346	0.336	0.346	0.339	0.341	0.351	0.339	0.339	0.336	0.336
37.5250	0.336	0.329	0.336	0.356	0.349	0.351	0.359	0.354	0.341	0.354
38.0250	0.349	0.336	0.349	0.349	0.356	0.344	0.351	0.359	0.354	0.359
38.5250	0.356	0.351	0.354	0.369	0.359	0.364	0.364	0.364	0.356	0.364
39.0250	0.361	0.356	0.361	0.359	0.356	0.359	0.361	0.354	0.364	0.354
39.5250	0.361	0.361	0.356	0.356	0.369	0.361	0.366	0.364	0.369	0.364
40.0250	0.364	0.364	0.364	0.364	0.364	0.364	0.364	0.364	0.364	0.364
40.5250	0.364	0.364	0.364	0.364	0.364	0.364	0.364	0.364	0.364	0.364
41.0250	0.364	0.364	0.364	0.364	0.364	0.364	0.364	0.364	0.364	0.364
41.5250	0.364	0.364	0.364	0.364	0.364	0.364	0.364	0.364	0.364	0.364
42.0250	0.364	0.364	0.364	0.364	0.364	0.364	0.364	0.364	0.364	0.364
42.5250	0.364	0.364	0.364	0.364	0.364	0.364	0.364	0.364	0.364	0.364
43.0250	0.364	0.364	0.364	0.364	0.364	0.364	0.364	0.364	0.364	0.364
43.5250	0.364	0.364	0.364	0.364	0.364	0.364	0.364	0.364	0.364	0.364
44.0250	0.364	0.364	0.364	0.364	0.364	0.364	0.364	0.364	0.364	0.364
44.5250	0.364	0.364	0.364	0.364	0.364	0.364	0.364	0.364	0.364	0.364
45.0250	0.364	0.364	0.364	0.364	0.364	0.364	0.364	0.364	0.364	0.364
45.5250	0.364	0.364	0.364	0.364	0.364	0.364	0.364	0.364	0.364	0.364
46.0250	0.364	0.364	0.364	0.364	0.364	0.364	0.364	0.364	0.364	0.364
46.5250	0.364	0.364	0.364	0.364	0.364	0.364	0.364	0.364	0.364	0.364
47.0250	0.364	0.364	0.364	0.364	0.364	0.364	0.364	0.364	0.364	0.364
47.5250	0.364	0.364	0.364	0.364	0.364	0.364	0.364	0.364	0.364	0.364
48.0250	0.364	0.364	0.364	0.364	0.364	0.364	0.364	0.364	0.364	0.364
48.5250	0.364	0.364	0.364	0.364	0.364	0.364	0.364	0.364	0.364	0.364
49.0250	0.364	0.364	0.364	0.364	0.364	0.364	0.364	0.364	0.364	0.364
49.5250	0.364	0.364	0.364	0.364	0.364	0.364	0.364	0.364	0.364	0.364

TEST M3 HEAT BALANCE TRANSIENT 2598 (50 ms Averaged) RSF NORM RECORD = 15

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	0.905	0.905	0.905	0.905	0.905	0.905	0.905	0.905	0.905	0.905
0.5250	0.905	0.921	0.950	0.961	0.965	0.966	0.967	0.967	0.967	0.967
1.0250	0.967	0.967	0.968	0.968	0.968	0.968	0.968	0.968	0.968	0.968
1.5250	0.968	0.968	0.968	0.968	0.968	0.968	0.968	0.968	0.968	0.968
2.0250	0.968	0.968	0.968	0.968	0.968	0.968	0.968	0.968	0.968	0.968
2.5250	0.968	0.968	0.968	0.968	0.968	0.968	0.968	0.968	0.968	0.968
3.0250	0.968	0.968	0.969	0.970	0.971	0.971	0.971	0.971	0.971	0.971
3.5250	0.971	0.971	0.971	0.971	0.971	0.971	0.971	0.971	0.971	0.971
4.0250	0.971	0.971	0.971	0.971	0.971	0.971	0.971	0.971	0.971	0.972
4.5250	0.972	0.972	0.972	0.972	0.972	0.972	0.972	0.972	0.972	0.972
5.0250	0.964	0.959	0.959	0.959	0.958	0.958	0.958	0.958	0.957	0.957
5.5250	0.957	0.957	0.957	0.957	0.957	0.957	0.957	0.957	0.957	0.957
6.0250	0.957	0.957	0.957	0.957	0.957	0.957	0.957	0.958	0.958	0.958
6.5250	0.958	0.958	0.958	0.958	0.958	0.958	0.959	0.959	0.959	0.959
7.0250	0.959	0.959	0.959	0.960	0.960	0.960	0.960	0.960	0.960	0.961
7.5250	0.961	0.961	0.961	0.961	0.961	0.962	0.962	0.962	0.962	0.962
8.0250	0.963	0.963	0.963	0.963	0.964	0.964	0.964	0.964	0.965	0.965
8.5250	0.965	0.965	0.965	0.966	0.966	0.966	0.966	0.966	0.967	0.967
9.0250	0.967	0.967	0.967	0.968	0.968	0.968	0.968	0.968	0.969	0.969
9.5250	0.969	0.969	0.969	0.970	0.970	0.970	0.970	0.970	0.971	0.971
10.0250	0.971	0.971	0.971	0.972	0.972	0.972	0.972	0.973	0.973	0.973
10.5250	0.973	0.974	0.974	0.974	0.975	0.975	0.975	0.975	0.976	0.976
11.0250	0.976	0.976	0.977	0.977	0.977	0.977	0.978	0.978	0.978	0.978
11.5250	0.978	0.979	0.979	0.979	0.979	0.980	0.980	0.980	0.980	0.981
12.0250	0.981	0.981	0.981	0.982	0.982	0.982	0.982	0.983	0.983	0.983
12.5250	0.983	0.984	0.984	0.984	0.984	0.985	0.985	0.985	0.985	0.986
13.0250	0.986	0.986	0.986	0.987	0.987	0.987	0.987	0.988	0.988	0.988
13.5250	0.988	0.989	0.989	0.989	0.989	0.990	0.990	0.990	0.990	0.991
14.0250	0.991	0.991	0.991	0.991	0.992	0.992	0.992	0.992	0.992	0.993
14.5250	0.993	0.993	0.993	0.994	0.994	0.994	0.994	0.995	0.995	0.995
15.0250	0.995	0.996	0.996	0.99[illegible]	0.996	0.997	0.997	0.997	0.997	0.998
15.5250	0.998	0.998	0.999	0.999	0.999	0.999	1.000	1.000	1.000	1.000
16.0250	1.001	1.001	1.001	1.001	1.002	1.002	1.002	1.002	1.003	1.003
16.5250	1.003	1.003	1.004	1.004	1.004	1.004	1.005	1.005	1.005	1.005
17.0250	1.006	1.006	1.006	1.007	1.007	1.007	1.007	1.008	1.008	1.008
17.5250	1.009	1.009	1.009	1.009	1.010	1.010	1.010	1.010	1.011	1.011
18.0250	1.011	1.012	1.012	1.012	1.012	1.013	1.013	1.013	1.013	1.014
18.5250	1.014	1.014	1.015	1.015	1.015	1.015	1.016	1.016	1.016	1.017
19.0250	1.017	1.017	1.017	1.018	1.018	1.018	1.018	1.019	1.019	1.019
19.5250	1.019	1.020	1.020	1.020	1.020	1.021	1.021	1.021	1.021	1.022
20.0250	1.022	1.022	1.023	1.023	1.023	1.023	1.024	1.024	1.024	1.024
20.5250	1.025	1.025	1.025	1.026	1.026	1.026	1.026	1.027	1.027	1.027
21.0250	1.027	1.028	1.028	1.028	1.029	1.029	1.029	1.029	1.030	1.030
21.5250	1.030	1.029	1.029	1.030	1.029	1.029	1.028	1.030	1.032	1.032
22.0250	1.031	1.033	1.034	1.034	1.034	1.035	1.035	1.035	1.035	1.036
22.5250	1.036	1.036	1.037	1.037	1.037	1.038	1.038	1.038	1.039	1.039
23.0250	1.039	1.039	1.040	1.040	1.040	1.041	1.041	1.041	1.042	1.042
23.5250	1.042	1.042	1.043	1.043	1.043	1.043	1.044	1.044	1.044	1.044
24.0250	1.045	1.045	1.045	1.046	1.046	1.047	1.047	1.047	1.048	1.048
24.5250	1.048	1.049	1.049	1.049	1.049	1.050	1.050	1.050	1.050	1.051

TEST M3 HEAT BALANCE TRANSIENT 2528 (50 ms Averaged) KSE NORM RECORD = 16

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0250	1.051	1.051	1.052	1.052	1.052	1.053	1.053	1.053	1.054	1.054
25.5250	1.054	1.055	1.055	1.055	1.056	1.056	1.056	1.057	1.057	1.055
26.0250	1.017	0.963	0.909	0.881	0.875	0.869	0.862	0.856	0.849	0.843
26.5250	0.836	0.830	0.823	0.817	0.817	0.817	0.817	0.817	0.817	0.817
27.0250	0.817	0.817	0.817	0.817	0.817	0.817	0.817	0.817	0.817	0.817
27.5250	0.817	0.817	0.817	0.818	0.817	0.817	0.817	0.817	0.817	0.817
28.0250	0.817	0.818	0.817	0.817	0.817	0.818	0.818	0.817	0.818	0.817
28.5250	0.817	0.817	0.818	0.817	0.817	0.817	0.817	0.818	0.818	0.817
29.0250	0.817	0.818	0.818	0.818	0.817	0.817	0.818	0.817	0.817	0.817
29.5250	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818
30.0250	0.817	0.817	0.818	0.818	0.818	0.817	0.818	0.818	0.818	0.818
30.5250	0.818	0.818	0.817	0.818	0.818	0.818	0.818	0.818	0.818	0.818
31.0250	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818
31.5250	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818
32.0250	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.817
32.5250	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818
33.0250	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818
33.5250	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818
34.0250	0.818	0.818	0.818	0.817	0.815	0.815	0.816	0.815	0.815	0.816
34.5250	0.815	0.813	0.814	0.813	0.815	0.813	0.815	0.813	0.812	0.810
35.0250	0.812	0.814	0.816	0.815	0.818	0.818	0.818	0.818	0.818	0.818
35.5250	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818
36.0250	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818
36.5250	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818
37.0250	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818
37.5250	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818
38.0250	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818
38.5250	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818
39.0250	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818
39.5250	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818
40.0250	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818
40.5250	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818
41.0250	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818
41.5250	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818
42.0250	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818
42.5250	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818
43.0250	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818
43.5250	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818
44.0250	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818
44.5250	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818
45.0250	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818
45.5250	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818
46.0250	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818
46.5250	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818
47.0250	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818
47.5250	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818
48.0250	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818
48.5250	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818
49.0250	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818
49.5250	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818	0.818

TEST M3 HEAT BALANCE TRANSIENT 2598 (50 ms Averaged) PRSF MW RECORD = 17

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	-0.006	-0.011	-0.007	-0.012	-0.009	-0.010	-0.012	-0.011	-0.010	-0.009
0.5250	-0.009	-0.009	-0.002	-0.009	-0.013	-0.009	-0.012	-0.010	-0.012	-0.009
1.0250	-0.010	-0.010	-0.009	-0.011	-0.008	-0.010	-0.010	-0.011	-0.011	-0.007
1.5250	-0.009	-0.011	-0.010	-0.009	-0.008	-0.006	-0.007	-0.007	-0.006	-0.004
2.0250	-0.003	0.002	0.002	0.008	0.003	0.007	0.013	0.009	0.017	0.019
2.5250	0.026	0.025	0.026	0.028	0.028	0.029	0.029	0.031	0.036	0.043
3.0250	0.060	0.073	0.078	0.083	0.104	0.123	0.137	0.170	0.199	0.228
3.5250	0.263	0.309	0.365	0.424	0.485	0.574	0.667	0.778	0.903	1.055
4.0250	1.228	1.427	1.665	1.928	2.245	2.613	3.038	3.538	4.109	4.773
4.5250	5.555	6.443	7.477	8.677	10.094	11.688	13.539	15.704	18.175	21.009
5.0250	23.126	23.762	24.042	24.274	24.499	24.680	24.820	24.941	24.987	24.999
5.5250	24.984	24.983	24.934	24.922	24.847	24.790	24.745	24.691	24.688	24.627
6.0250	24.598	24.580	24.566	24.534	24.513	24.515	24.489	24.466	24.478	24.437
6.5250	24.399	24.398	24.392	24.382	24.374	24.379	24.370	24.374	24.365	24.358
7.0250	24.384	24.374	24.364	24.356	24.365	24.362	24.373	24.390	24.387	24.379
7.5250	24.371	24.378	24.379	24.392	24.369	24.396	24.393	24.407	24.395	24.410
8.0250	24.410	24.399	24.429	24.436	24.451	24.428	24.450	24.463	24.470	24.474
8.5250	24.466	24.480	24.483	24.499	24.498	24.521	24.501	24.525	24.517	24.526
9.0250	24.538	24.547	24.554	24.540	24.593	24.584	24.567	24.576	24.596	24.589
9.5250	24.597	24.592	24.600	24.606	24.612	24.622	24.630	24.654	24.633	24.638
10.0250	24.655	24.681	24.674	24.689	24.715	24.698	24.706	24.724	24.756	24.752
10.5250	24.771	24.791	24.798	24.780	24.803	24.803	24.821	24.811	24.828	24.832
11.0250	24.840	24.855	24.855	24.861	24.865	24.884	24.898	24.902	24.917	24.923
11.5250	24.947	24.941	24.958	24.957	24.971	24.985	24.999	24.995	24.999	25.002
12.0250	25.007	25.033	25.050	25.054	25.082	25.102	25.084	25.102	25.100	25.133
12.5250	25.129	25.122	25.142	25.135	25.172	25.171	25.178	25.184	25.228	25.207
13.0250	25.201	25.224	25.228	25.231	25.265	25.283	25.283	25.301	25.291	25.312
13.5250	25.301	25.314	25.363	25.356	25.357	25.363	25.385	25.391	25.391	25.413
14.0250	25.413	25.426	25.435	25.448	25.450	25.442	25.494	25.462	25.479	25.495
14.5250	25.508	25.509	25.502	25.511	25.504	25.557	25.538	25.558	25.572	25.598
15.0250	25.585	25.618	25.619	25.628	25.643	25.643	25.649	25.661	25.693	25.673
15.5250	25.711	25.701	25.713	25.741	25.745	25.743	25.775	25.776	25.786	25.774
16.0250	25.805	25.795	25.829	25.826	25.833	25.854	25.853	25.853	25.861	25.875
16.5250	25.896	25.895	25.931	25.934	25.937	25.927	25.949	25.954	25.978	25.965
17.0250	25.998	25.980	26.022	26.039	26.036	26.058	26.042	26.044	26.062	26.045
17.5250	26.072	26.093	26.124	26.098	26.129	26.133	26.146	26.145	26.150	26.152
18.0250	26.166	26.189	26.202	26.231	26.206	26.247	26.234	26.235	26.268	26.292
18.5250	26.281	26.297	26.316	26.306	26.339	26.334	26.343	26.341	26.386	26.354
19.0250	26.408	26.406	26.388	26.380	26.391	26.416	26.420	26.456	26.465	26.458
19.5250	26.507	26.485	26.485	26.490	26.504	26.508	26.519	26.533	26.518	26.558
20.0250	26.559	26.574	26.578	26.593	26.592	26.612	26.603	26.622	26.636	26.641
20.5250	26.653	26.679	26.661	26.695	26.676	26.651	26.704	26.687	26.715	26.734
21.0250	26.740	26.721	26.737	26.756	26.784	26.780	26.780	26.812	26.820	26.836
21.5250	26.843	26.808	26.820	26.826	26.807	26.812	26.792	26.855	26.911	26.923
22.0250	26.875	26.930	26.954	26.961	26.961	26.966	26.987	27.003	26.997	26.998
22.5250	27.014	27.036	27.064	27.040	27.061	27.086	27.074	27.104	27.104	27.120
23.0250	27.142	27.125	27.156	27.147	27.170	27.146	27.176	27.196	27.183	27.225
23.5250	27.195	27.198	27.217	27.231	27.218	27.251	27.234	27.252	27.260	27.257
24.0250	27.295	27.292	27.321	27.322	27.341	27.333	27.321	27.341	27.345	27.360
24.5250	27.370	27.378	27.381	27.394	27.433	27.400	27.418	27.429	27.441	27.437

TEST M3 HEAT BALANCE TRANSIENT 2598 (50 ms Averaged) PRSF MW RECORD = 18

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0250	27.438	27.457	27.453	27.457	27.483	27.475	27.493	27.502	27.517	27.545
25.5250	27.538	27.533	27.538	27.560	27.584	27.576	27.605	27.622	27.627	27.549
26.0250	24.070	13.447	3.359	0.893	0.679	0.659	0.644	0.623	0.607	0.589
26.5250	0.570	0.554	0.543	0.529	0.521	0.510	0.505	0.502	0.495	0.489
27.0250	0.480	0.473	0.473	0.465	0.459	0.457	0.443	0.440	0.432	0.426
27.5250	0.425	0.422	0.420	0.413	0.411	0.404	0.397	0.389	0.387	0.389
28.0250	0.382	0.383	0.377	0.376	0.373	0.369	0.363	0.355	0.355	0.351
28.5250	0.349	0.345	0.344	0.343	0.343	0.339	0.337	0.334	0.331	0.328
29.0250	0.325	0.319	0.316	0.313	0.309	0.307	0.306	0.305	0.305	0.301
29.5250	0.300	0.299	0.298	0.295	0.293	0.284	0.281	0.280	0.277	0.274
30.0250	0.270	0.269	0.267	0.266	0.264	0.266	0.264	0.263	0.262	0.261
30.5250	0.260	0.258	0.258	0.255	0.253	0.253	0.252	0.239	0.242	0.237
31.0250	0.235	0.234	0.233	0.234	0.229	0.226	0.224	0.225	0.225	0.224
31.5250	0.225	0.223	0.223	0.222	0.220	0.218	0.214	0.219	0.218	0.214
32.0250	0.207	0.210	0.204	0.210	0.204	0.206	0.197	0.200	0.196	0.194
32.5250	0.191	0.191	0.190	0.189	0.187	0.190	0.189	0.186	0.186	0.187
33.0250	0.188	0.185	0.185	0.184	0.185	0.183	0.185	0.184	0.184	0.184
33.5250	0.184	0.182	0.182	0.182	0.181	0.182	0.179	0.177	0.178	0.175
34.0250	0.176	0.173	0.174	0.174	0.169	0.167	0.164	0.167	0.164	0.162
34.5250	0.160	0.162	0.154	0.153	0.153	0.150	0.152	0.153	0.143	0.148
35.0250	0.144	0.145	0.144	0.144	0.148	0.149	0.148	0.150	0.146	0.146
35.5250	0.146	0.146	0.146	0.145	0.144	0.145	0.142	0.145	0.145	0.145
36.0250	0.143	0.143	0.144	0.143	0.141	0.144	0.143	0.143	0.143	0.142
36.5250	0.142	0.142	0.140	0.142	0.142	0.140	0.140	0.137	0.140	0.134
37.0250	0.136	0.134	0.134	0.134	0.130	0.131	0.128	0.129	0.128	0.131
37.5250	0.124	0.123	0.126	0.124	0.124	0.126	0.128	0.120	0.124	0.124
38.0250	0.121	0.122	0.115	0.117	0.117	0.116	0.116	0.114	0.108	0.111
38.5250	0.112	0.111	0.111	0.110	0.110	0.113	0.111	0.108	0.106	0.109
39.0250	0.109	0.108	0.108	0.107	0.107	0.109	0.106	0.106	0.107	0.106
39.5250	0.106	0.106	0.104	0.106	0.106	0.104	0.106	0.106	0.105	0.104
40.0250	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104
40.5250	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104
41.0250	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104
41.5250	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104
42.0250	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104
42.5250	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104
43.0250	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104
43.5250	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104
44.0250	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104
44.5250	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104
45.0250	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104
45.5250	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104
46.0250	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104
46.5250	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104
47.0250	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104
47.5250	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104
48.0250	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104
48.5250	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104
49.0250	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104
49.5250	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104

TEST M3 HEAT BALANCE TRANSIENT 2598 (50 ms Averaged) ERSF MJ RECORD = 19

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	0.000	0.000	-0.001	-0.001	-0.002	-0.002	-0.003	-0.003	-0.004	-0.004
0.5250	-0.005	-0.005	-0.006	-0.006	-0.006	-0.007	-0.008	-0.008	-0.009	-0.009
1.0250	-0.010	-0.010	-0.011	-0.011	-0.012	-0.012	-0.013	-0.013	-0.014	-0.014
1.5250	-0.015	-0.015	-0.016	-0.016	-0.017	-0.017	-0.017	-0.018	-0.018	-0.018
2.0250	-0.018	-0.018	-0.018	-0.018	-0.018	-0.018	-0.017	-0.017	-0.016	-0.015
2.5250	-0.014	-0.013	-0.011	-0.010	-0.009	-0.007	-0.006	-0.004	-0.002	-0.001
3.0250	0.002	0.005	0.009	0.013	0.018	0.023	0.030	0.038	0.047	0.058
3.5250	0.070	0.084	0.101	0.121	0.143	0.170	0.201	0.237	0.279	0.328
4.0250	0.385	0.451	0.529	0.619	0.723	0.844	0.986	1.150	1.341	1.563
4.5250	1.821	2.121	2.469	2.873	3.343	3.887	4.518	5.249	6.096	7.075
5.0250	8.179	9.351	10.546	11.754	12.973	14.203	15.440	16.684	17.933	19.182
5.5250	20.432	21.681	22.929	24.175	25.420	26.661	27.899	29.135	30.369	31.602
6.0250	32.633	34.062	35.291	36.518	37.745	38.970	40.195	41.419	42.643	43.866
6.5250	45.087	46.307	47.526	48.746	49.965	51.183	52.402	53.621	54.839	56.057
7.0250	57.276	58.495	59.713	60.931	62.149	63.367	64.586	65.805	67.024	68.243
7.5250	69.462	70.681	71.900	73.119	74.338	75.557	76.777	77.997	79.217	80.437
8.0250	81.658	82.878	84.098	85.320	86.542	87.764	88.986	90.209	91.432	92.656
8.5250	93.879	95.103	96.327	97.552	98.777	100.002	101.228	102.453	103.679	104.905
9.0250	106.132	107.359	108.587	109.814	111.042	112.272	113.501	114.729	115.958	117.188
9.5250	118.418	119.647	120.877	122.107	123.338	124.569	125.800	127.032	128.264	129.496
10.0250	130.728	131.962	133.196	134.430	135.665	136.900	138.135	139.371	140.608	141.846
10.5250	143.084	144.323	145.563	146.802	148.042	149.282	150.522	151.763	153.004	154.246
11.0250	155.487	156.730	157.973	159.216	160.459	161.702	162.947	164.192	165.437	166.683
11.5250	167.930	169.177	170.425	171.673	172.921	174.170	175.419	176.669	177.919	179.169
12.0250	180.419	181.670	182.922	184.175	185.428	186.683	187.938	189.192	190.447	191.703
12.5250	192.960	194.216	195.473	196.730	197.987	199.246	200.505	201.764	203.024	204.285
13.0250	205.545	206.806	208.067	209.328	210.591	211.854	213.119	214.385	215.648	216.913
13.5250	218.178	219.444	220.711	221.979	223.246	224.514	225.783	227.053	228.322	229.592
14.0250	230.863	232.134	233.405	234.677	235.950	237.222	238.496	239.769	241.043	242.317
14.5250	243.592	244.868	246.143	247.418	248.694	249.970	251.248	252.525	253.803	255.083
15.0250	256.362	257.642	258.923	260.204	261.486	262.768	264.051	265.333	266.617	267.901
15.5250	269.186	270.471	271.757	273.043	274.330	275.617	276.905	278.194	279.483	280.772
16.0250	282.062	283.352	284.642	285.934	287.225	288.517	289.810	291.103	292.395	293.689
16.5250	294.983	296.278	297.574	298.870	300.167	301.464	302.761	304.058	305.356	306.655
17.0250	307.954	309.253	310.554	311.855	313.157	314.459	315.762	317.064	318.367	319.669
17.5250	320.972	322.276	323.582	324.887	326.193	327.500	328.807	330.114	331.421	332.729
18.0250	334.037	335.346	336.655	337.966	339.277	340.588	341.900	343.212	344.525	345.839
18.5250	347.153	348.467	349.783	351.098	352.414	353.731	355.048	356.365	357.684	359.002
19.0250	360.321	361.641	362.961	364.280	365.600	366.920	368.241	369.563	370.886	372.209
19.5250	373.533	374.858	376.182	377.506	378.831	380.157	381.482	382.809	384.135	385.462
20.0250	386.790	388.118	389.447	390.776	392.106	393.436	394.766	396.097	397.428	398.760
20.5250	400.092	401.426	402.759	404.093	405.427	406.761	408.094	409.429	410.764	412.100
21.0250	413.437	414.774	416.110	417.448	418.786	420.125	421.464	422.804	424.145	425.486
21.5250	426.828	426.169	429.510	430.851	432.192	433.533	434.873	436.214	437.558	438.904
22.0250	440.249	441.594	442.941	444.289	445.637	446.985	448.334	449.684	451.034	452.384
22.5250	453.734	455.085	456.438	457.790	459.143	460.496	461.850	463.205	464.560	465.916
23.0250	467.272	468.629	469.985	471.344	472.701	474.059	475.417	476.777	478.136	479.496
23.5250	480.857	482.217	483.577	484.930	486.300	487.661	489.023	490.386	491.748	493.111
24.0250	494.475	495.840	497.205	498.571	499.938	501.304	502.671	504.037	505.405	506.772
24.5250	508.140	509.509	510.878	512.247	513.618	514.989	516.359	517.730	519.102	520.474

TEST M3 HEAT BALANCE TRANSIENT 2598 (50 ms Averaged) ERSF MJ RECORD = 20

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0250	521.163	522.536	523.908	525.281	526.655	528.029	529.403	530.778	532.153	533.530
25.5250	534.907	536.284	537.660	539.038	540.416	541.795	543.175	544.556	545.937	547.316
26.0250	548.607	549.545	549.965	550.071	550.110	550.144	550.176	550.208	550.239	550.269
26.5250	550.298	550.326	550.353	550.380	550.406	550.432	550.457	550.482	550.507	550.532
27.0250	550.556	550.580	550.604	550.627	550.650	550.673	550.695	550.718	550.739	550.761
27.5250	550.782	550.803	550.824	550.845	550.866	550.886	550.906	550.926	550.945	550.965
28.0250	550.984	551.003	551.022	551.041	551.060	551.078	551.096	551.114	551.132	551.150
28.5250	551.167	551.185	551.202	551.219	551.236	551.253	551.270	551.287	551.303	551.320
29.0250	551.336	551.352	551.368	551.384	551.400	551.415	551.430	551.446	551.461	551.476
29.5250	551.491	551.506	551.521	551.536	551.550	551.565	551.579	551.593	551.607	551.621
30.0250	551.634	551.648	551.661	551.674	551.688	551.701	551.714	551.727	551.741	551.754
30.5250	551.767	551.780	551.792	551.805	551.818	551.831	551.843	551.855	551.867	551.879
31.0250	551.891	551.903	551.915	551.926	551.938	551.949	551.960	551.972	551.983	551.994
31.5250	552.005	552.017	552.028	552.039	552.050	552.061	552.072	552.082	552.093	552.104
32.0250	552.115	552.125	552.136	552.146	552.156	552.167	552.177	552.187	552.196	552.206
32.5250	552.216	552.225	552.235	552.244	552.254	552.263	552.273	552.282	552.291	552.301
33.0250	552.310	552.319	552.329	552.338	552.347	552.356	552.365	552.375	552.384	552.393
33.5250	552.402	552.411	552.421	552.430	552.439	552.448	552.457	552.466	552.475	552.483
34.0250	552.492	552.501	552.510	552.518	552.527	552.535	552.544	552.552	552.560	552.568
34.5250	552.576	552.584	552.592	552.600	552.608	552.615	552.623	552.630	552.638	552.645
35.0250	552.652	552.660	552.667	552.674	552.681	552.689	552.696	552.704	552.711	552.718
35.5250	552.726	552.733	552.740	552.748	552.755	552.762	552.769	552.776	552.784	552.791
36.0250	552.798	552.805	552.812	552.820	552.827	552.834	552.841	552.848	552.855	552.862
36.5250	552.870	552.877	552.884	552.891	552.898	552.905	552.912	552.919	552.926	552.932
37.0250	552.939	552.946	552.953	552.959	552.966	552.973	552.979	552.985	552.992	552.998
37.5250	553.005	553.011	553.017	553.023	553.030	553.036	553.042	553.048	553.055	553.061
38.0250	553.067	553.073	553.079	553.085	553.090	553.096	553.102	553.108	553.113	553.119
38.5250	553.124	553.130	553.136	553.141	553.147	553.152	553.158	553.163	553.169	553.174
39.0250	553.179	553.185	553.190	553.196	553.201	553.206	553.212	553.217	553.222	553.228
39.5250	553.233	553.238	553.243	553.249	553.254	553.259	553.265	553.270	553.275	553.280
40.0250	553.286	553.291	553.296	553.301	553.306	553.312	553.317	553.322	553.327	553.332
40.5250	553.337	553.343	553.348	553.353	553.358	553.363	553.369	553.374	553.379	553.384
41.0250	553.389	553.395	553.400	553.405	553.410	553.415	553.420	553.426	553.431	553.436
41.5250	553.441	553.446	553.452	553.457	553.462	553.467	553.472	553.478	553.483	553.488
42.0250	553.493	553.498	553.503	553.509	553.514	553.519	553.524	553.529	553.535	553.540
42.5250	553.545	553.550	553.555	553.561	553.566	553.571	553.576	553.581	553.586	553.592
43.0250	553.597	553.602	553.607	553.612	553.618	553.623	553.628	553.633	553.638	553.644
43.5250	553.649	553.654	553.659	553.664	553.669	553.675	553.680	553.685	553.690	553.695
44.0250	553.701	553.706	553.711	553.716	553.721	553.727	553.732	553.737	553.742	553.747
44.5250	553.753	553.758	553.763	553.768	553.773	553.778	553.784	553.789	553.794	553.799
45.0250	553.804	553.810	553.815	553.820	553.825	553.830	553.836	553.841	553.846	553.851
45.5250	553.856	553.861	553.867	553.872	553.877	553.882	553.887	553.893	553.898	553.903
46.0250	553.908	553.913	553.919	553.924	553.929	553.934	553.939	553.944	553.950	553.955
46.5250	553.960	553.965	553.970	553.976	553.981	553.986	553.991	553.996	554.002	554.007
47.0250	554.012	554.017	554.022	554.027	554.033	554.038	554.043	554.048	554.053	554.059
47.5250	554.064	554.069	554.074	554.079	554.085	554.090	554.095	554.100	554.105	554.110
48.0250	554.116	554.121	554.126	554.131	554.136	554.142	554.147	554.152	554.157	554.162
48.5250	554.168	554.173	554.178	554.183	554.188	554.193	554.199	554.204	554.209	554.214
49.0250	554.219	554.225	554.230	554.235	554.240	554.245	554.251	554.256	554.261	554.266
49.5250	554.271	554.276	554.282	554.287	554.292	554.297	554.302	554.308	554.313	554.318

TEST M3 HEAT BALANCE TRANSIENT 2598 (50 ms Averaged) FM1L CC/S RECORD = 21

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	194.849	194.732	194.696	194.714	194.746	194.696	194.759	194.956	194.746	194.611
0.5250	194.616	194.768	194.723	194.732	194.916	194.768	194.826	194.746	194.607	194.719
1.0250	194.634	194.602	194.611	194.549	194.629	194.598	194.880	194.947	194.925	194.831
1.5250	194.638	194.772	194.643	194.755	194.813	194.732	194.656	194.746	194.732	194.893
2.0250	194.692	194.710	194.584	194.723	194.728	194.593	194.468	194.616	194.755	194.696
2.5250	194.701	194.876	194.701	194.647	194.755	194.947	194.705	194.777	194.929	194.885
3.0250	194.889	194.759	194.817	194.687	194.835	194.871	194.853	194.652	194.723	194.956
3.5250	195.140	195.055	194.970	194.880	195.055	195.037	194.979	195.001	194.759	194.898
4.0250	195.032	194.970	195.198	194.996	194.884	194.858	194.777	194.938	195.023	195.162
4.5250	195.167	194.970	195.149	195.122	195.041	195.109	195.247	195.185	195.279	195.368
5.0250	195.355	195.243	195.292	195.328	195.265	195.140	195.359	195.310	195.198	195.386
5.5250	195.525	195.557	195.677	195.682	195.597	195.691	195.588	195.718	195.852	195.637
6.0250	195.767	195.830	195.691	195.758	195.601	195.763	196.058	195.695	195.803	195.749
6.5250	195.933	196.031	196.013	195.955	195.825	195.763	195.763	195.767	195.758	195.673
7.0250	195.888	195.861	195.767	195.686	195.839	195.839	195.718	195.588	195.709	195.852
7.5250	195.776	195.789	195.767	195.821	195.789	195.816	195.866	195.866	195.781	195.624
8.0250	195.677	195.839	195.915	195.660	195.561	195.718	195.825	195.695	195.660	195.834
8.5250	195.651	195.574	195.624	195.597	195.660	195.521	195.458	195.530	195.431	195.727
9.0250	195.633	195.512	195.700	195.722	195.646	195.861	195.942	195.588	195.628	195.606
9.5250	195.525	195.512	195.619	195.736	195.557	195.449	195.548	195.682	195.691	195.543
10.0250	195.386	195.445	195.431	195.409	195.453	195.543	195.561	195.386	195.359	195.337
10.5250	195.261	195.382	195.373	195.449	195.516	195.588	195.722	195.597	195.619	195.615
11.0250	195.583	195.534	195.574	195.700	195.664	195.691	195.691	195.467	195.440	195.382
11.5250	195.283	195.301	195.400	195.404	195.355	195.279	195.288	195.167	195.382	195.512
12.0250	195.489	195.386	195.373	195.386	195.382	195.301	195.265	195.350	195.462	195.476
12.5250	195.364	195.445	195.243	195.171	195.229	195.306	195.113	195.238	195.100	195.256
13.0250	195.364	195.548	195.234	195.310	195.207	195.203	195.185	195.010	195.077	194.952
13.5250	195.086	195.055	195.014	195.180	195.265	195.032	194.934	194.934	195.144	195.068
14.0250	195.001	195.010	194.934	194.911	194.781	194.835	194.580	194.844	194.835	194.790
14.5250	194.781	194.687	194.643	194.638	194.522	194.669	194.647	194.580	194.445	194.517
15.0250	194.678	194.522	194.557	194.665	194.580	194.746	194.853	194.701	194.647	194.643
15.5250	194.719	194.643	194.575	194.513	194.320	194.378	194.517	194.553	194.289	194.221
16.0250	194.428	194.486	194.387	194.374	194.383	194.405	194.477	194.293	194.383	194.338
16.5250	194.275	194.311	194.123	194.065	194.293	194.226	194.289	194.235	194.154	194.083
17.0250	194.029	194.015	194.159	194.132	194.177	194.114	193.948	194.060	194.033	193.948
17.5250	193.791	193.930	194.011	194.109	193.957	193.859	193.747	193.706	193.868	193.948
18.0250	193.800	193.859	193.814	193.747	193.684	193.599	193.729	193.603	193.706	193.684
18.5250	193.756	193.885	193.827	193.666	193.693	193.733	193.639	193.733	193.921	193.760
19.0250	193.666	193.626	193.738	193.693	193.747	193.482	193.473	193.585	193.590	193.451
19.5250	193.357	193.402	193.402	193.281	193.406	193.285	193.267	193.187	193.209	193.012
20.0250	193.007	193.227	193.169	193.222	193.173	193.146	193.057	193.034	193.007	192.963
20.5250	193.084	192.922	192.873	192.806	192.940	192.913	192.770	193.003	193.119	193.034
21.0250	193.155	192.922	192.985	192.757	192.779	192.748	192.810	192.846	192.913	192.909
21.5250	192.734	193.599	194.069	194.307	194.360	194.853	194.714	194.374	193.325	192.622
22.0250	193.321	193.128	193.594	194.127	194.307	194.392	194.535	194.477	194.486	194.186
22.5250	194.078	194.101	194.181	194.271	194.186	194.033	193.975	193.823	194.006	194.123
23.0250	193.997	194.020	193.975	193.917	193.836	193.997	194.060	194.020	193.791	193.827
23.5250	193.962	193.809	193.630	193.899	193.912	193.872	193.841	193.648	193.809	193.814
24.0250	193.760	193.693	193.724	193.773	193.756	193.814	193.738	193.720	193.899	193.661
24.5250	193.706	193.599	193.626	193.702	193.836	193.854	193.715	193.594	193.585	193.684

TEST M3 HEAT BALANCE TRANSIENT 2598 (50 ms Averaged) FM1L CC/S RECORD = 22

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0250	193.621	193.594	193.590	193.630	193.626	193.626	193.567	193.523	193.397	193.446
25.5250	193.370	193.411	193.321	193.366	193.415	193.460	193.240	193.482	193.478	193.424
26.0250	193.290	193.227	193.272	193.142	193.021	192.864	192.680	192.591	192.658	192.322
26.5250	192.438	192.188	192.174	192.282	192.196	192.022	191.914	192.076	191.825	191.955
27.0250	191.856	191.619	191.713	191.753	191.847	191.766	191.757	191.542	191.650	191.533
27.5250	191.462	191.726	191.574	191.489	191.430	191.542	191.399	191.623	191.726	191.645
28.0250	191.587	191.417	191.489	191.551	191.524	191.444	191.314	191.323	191.574	191.587
28.5250	191.601	191.520	191.435	191.471	191.341	191.215	191.354	191.430	191.444	191.292
29.0250	191.090	191.292	191.305	191.121	191.063	191.242	191.094	191.014	191.018	191.117
29.5250	191.000	191.300	191.090	191.157	191.009	190.875	190.888	191.054	191.085	191.229
30.0250	191.108	191.085	191.063	190.996	190.960	190.852	190.920	191.068	190.973	191.036
30.5250	190.870	190.808	190.700	190.723	190.754	190.852	190.678	190.790	190.723	190.857
31.0250	190.570	190.696	190.579	190.611	190.588	190.597	190.682	190.628	190.696	190.454
31.5250	190.436	190.288	190.427	190.499	190.396	190.270	190.543	190.525	190.485	190.324
32.0250	190.319	190.297	190.306	190.297	190.333	190.172	189.997	190.158	190.230	190.095
32.5250	190.288	190.015	190.073	190.037	189.974	189.853	189.907	189.836	189.862	189.831
33.0250	189.979	189.943	190.019	190.037	190.086	189.907	189.970	189.715	189.956	189.952
33.5250	189.827	189.773	189.733	189.791	189.706	189.710	189.737	189.898	189.876	189.746
34.0250	189.773	189.894	189.755	190.642	191.529	192.174	191.740	191.368	191.717	191.610
34.5250	191.610	192.734	192.801	192.134	192.658	193.030	191.834	192.237	194.365	195.028
35.0250	194.006	192.963	191.206	191.932	189.840	189.983	189.961	190.100	190.051	189.939
35.5250	189.992	189.862	190.198	189.983	189.970	189.831	189.768	189.889	189.840	189.894
36.0250	189.970	189.849	189.647	189.746	189.849	189.889	189.965	190.019	189.804	189.876
36.5250	190.010	189.818	189.867	189.755	189.759	189.786	189.970	189.867	189.697	189.746
37.0250	189.844	189.840	189.782	189.916	189.822	189.679	189.661	189.688	189.912	189.773
37.5250	189.930	189.925	189.768	189.862	189.970	189.836	189.916	189.930	189.831	189.867
38.0250	189.871	189.992	190.288	190.154	190.104	189.844	190.015	189.894	189.898	190.024
38.5250	189.948	189.867	189.992	189.943	189.844	189.871	190.033	189.858	189.719	189.894
39.0250	189.827	189.728	189.786	189.728	189.952	189.638	189.885	189.934	190.006	189.728
39.5250	189.665	189.679	189.706	189.634	189.759	189.916	189.818	189.706	189.638	189.621
40.0250	189.621	189.621	189.621	189.621	189.621	189.621	189.621	189.621	189.621	189.621
40.5250	189.621	189.621	189.621	189.621	189.621	189.621	189.621	189.621	189.621	189.621
41.0250	189.621	189.621	189.621	189.621	189.621	189.621	189.621	189.621	189.621	189.621
41.5250	189.621	189.621	189.621	189.621	189.621	189.621	189.621	189.621	189.621	189.621
42.0250	189.621	189.621	189.621	189.621	189.621	189.621	189.621	189.621	189.621	189.621
42.5250	189.621	189.621	189.621	189.621	189.621	189.621	189.621	189.621	189.621	189.621
43.0250	189.621	189.621	189.621	189.621	189.621	189.621	189.621	189.621	189.621	189.621
43.5250	189.621	189.621	189.621	189.621	189.621	189.621	189.621	189.621	189.621	189.621
44.0250	189.621	189.621	189.621	189.621	189.621	189.621	189.621	189.621	189.621	189.621
44.5250	189.621	189.621	189.621	189.621	189.621	189.621	189.621	189.621	189.621	189.621
45.0250	189.621	189.621	189.621	189.621	189.621	189.621	189.621	189.621	189.621	189.621
45.5250	189.621	189.621	189.621	189.621	189.621	189.621	189.621	189.621	189.621	189.621
46.0250	189.621	189.621	189.621	189.621	189.621	189.621	189.621	189.621	189.621	189.621
46.5250	189.621	189.621	189.621	189.621	189.621	189.621	189.621	189.621	189.621	189.621
47.0250	189.621	189.621	189.621	189.621	189.621	189.621	189.621	189.621	189.621	189.621
47.5250	189.621	189.621	189.621	189.621	189.621	189.621	189.621	189.621	189.621	189.621
48.0250	189.621	189.621	189.621	189.621	189.621	189.621	189.621	189.621	189.621	189.621
48.5250	189.621	189.621	189.621	189.621	189.621	189.621	189.621	189.621	189.621	189.621
49.0250	189.621	189.621	189.621	189.621	189.621	189.621	189.621	189.621	189.621	189.621
49.5250	189.621	189.621	189.621	189.621	189.621	189.621	189.621	189.621	189.621	189.621

TEST M3 HEAT BALANCE TRANSIENT 2598 (50 ms Averaged) FM2L CC/S RECORD = 23

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	192.219	192.371	191.764	191.713	191.642	191.480	191.926	192.138	192.715	193.130
0.5250	192.928	192.887	192.948	193.160	193.211	193.282	192.988	192.604	192.391	193.130
1.0250	193.039	193.282	192.654	191.774	191.885	192.179	192.634	192.887	192.756	192.968
1.5250	192.756	192.735	192.584	192.563	193.120	193.494	193.292	193.444	193.494	193.201
2.0250	192.756	192.654	192.624	191.997	191.906	192.310	192.240	191.622	192.108	193.292
2.5250	193.413	193.413	193.424	193.747	193.616	193.181	192.604	192.786	192.533	192.867
3.0250	192.756	192.452	192.290	192.503	192.857	193.150	193.332	193.859	194.516	194.263
3.5250	193.535	192.280	192.199	192.715	192.928	193.201	192.735	193.059	193.919	194.446
4.0250	194.476	193.262	192.543	192.341	192.260	192.766	192.877	192.533	192.310	192.482
4.5250	192.594	192.857	192.138	191.804	192.442	192.837	193.019	193.525	192.907	192.867
5.0250	193.059	193.859	194.567	193.808	193.666	194.506	194.618	193.504	192.665	192.563
5.5250	193.707	193.039	192.988	195.680	195.498	191.217	187.888	188.596	187.341	184.346
6.0250	184.781	188.009	193.494	194.243	190.357	192.047	192.027	189.325	186.674	189.527
6.5250	193.282	192.138	191.814	190.792	188.090	188.272	192.695	193.454	194.678	192.897
7.0250	191.227	191.278	194.172	195.468	193.211	197.320	200.477	201.661	200.325	199.162
7.5250	197.219	197.391	198.929	200.133	198.119	197.340	198.281	198.737	198.433	198.312
8.0250	199.060	201.135	202.602	200.508	199.708	200.953	200.497	204.879	209.970	207.784
8.5250	203.989	202.522	202.248	204.029	207.379	207.703	206.721	209.312	210.607	207.470
9.0250	203.533	202.360	203.938	208.361	207.774	205.547	205.679	207.946	208.168	206.529
9.5250	206.033	207.328	209.889	209.423	208.685	206.792	206.327	209.008	208.472	206.043
10.0250	204.647	205.335	208.270	211.761	212.550	210.516	208.685	210.020	210.992	210.071
10.5250	208.381	208.685	209.605	209.120	208.745	210.334	210.344	210.456	214.078	217.691
11.0250	217.114	215.789	216.436	214.058	211.437	211.316	214.099	215.070	214.777	214.352
11.5250	214.261	215.212	212.601	212.277	212.318	211.761	213.269	211.123	208.472	208.300
12.0250	209.059	211.154	212.419	211.295	210.506	209.191	210.061	213.239	215.637	215.870
12.5250	215.060	213.562	214.807	217.044	215.263	214.058	214.149	214.038	214.777	214.837
13.0250	213.380	212.965	213.269	213.097	212.287	211.771	213.056	215.040	214.858	216.528
13.5250	217.054	218.541	218.481	217.155	217.236	217.003	216.801	216.032	217.398	218.177
14.0250	217.620	216.689	215.242	216.173	217.479	217.013	218.167	218.511	220.829	222.154
14.5250	220.454	219.563	219.685	217.732	217.954	218.056	217.965	217.833	217.560	217.701
15.0250	216.426	215.060	214.645	213.836	213.664	213.441	212.793	211.700	211.619	212.733
15.5250	213.471	215.566	215.212	216.113	216.548	216.679	215.485	214.028	214.999	214.342
16.0250	214.331	214.949	215.202	215.435	213.198	213.390	214.574	214.665	214.473	213.906
16.5250	213.653	212.702	213.198	214.433	215.677	216.042	216.710	217.378	218.076	217.317
17.0250	217.671	217.813	217.367	215.293	215.364	215.941	214.817	213.937	214.392	214.584
17.5250	213.411	214.382	214.969	215.343	215.758	216.497	216.558	215.313	215.101	217.175
18.0250	215.738	215.313	215.252	214.281	212.783	211.933	210.992	210.587	211.801	214.220
18.5250	215.010	214.170	214.251	214.473	215.455	215.404	215.455	214.939	215.586	218.369
19.0250	218.835	219.705	219.007	216.426	216.457	217.307	215.799	214.048	213.411	214.342
19.5250	216.477	216.932	215.849	217.206	216.841	215.404	215.789	216.315	215.131	213.633
20.0250	213.380	213.330	213.704	215.050	216.315	217.094	216.629	216.953	217.398	217.691
20.5250	216.710	214.746	214.574	215.313	217.388	218.693	219.250	217.944	217.782	217.884
21.0250	218.177	217.762	215.505	213.977	213.461	214.736	216.487	217.054	216.467	216.183
21.5250	216.092	220.737	219.847	221.031	221.243	229.066	231.535	227.487	218.005	220.990
22.0250	224.522	219.857	218.309	218.855	218.511	218.400	218.127	218.167	218.046	218.147
22.5250	219.290	218.794	219.219	222.367	221.608	221.081	220.242	219.786	218.734	216.092
23.0250	217.428	219.978	220.646	217.691	214.939	214.848	214.777	215.354	215.242	215.698
23.5250	216.264	216.457	215.799	215.111	215.202	215.799	216.973	217.125	215.951	216.042
24.0250	215.586	216.963	217.236	215.860	215.809	216.659	217.701	217.651	219.230	218.653
24.5250	217.540	219.766	221.193	220.171	219.149	219.047	220.576	220.859	219.918	218.126

TEST M3 HEAT BALANCE TRANSIENT 2598 (50 ms Averaged) FM2L CC/S RECORD = 24

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0250	218.936	220.292	218.744	216.740	214.686	213.633	214.048	214.939	216.902	217.469
25.5250	216.710	217.104	218.106	218.592	217.995	218.035	216.214	215.910	215.161	216.416
26.0250	217.803	216.183	215.182	213.664	213.572	213.664	213.866	215.465	215.293	213.360
26.5250	214.463	216.001	216.143	214.068	212.834	212.763	213.532	214.777	216.204	217.287
27.0250	217.671	216.669	215.789	215.617	216.517	219.189	220.758	219.240	218.926	220.737
27.5250	219.412	218.825	219.705	221.476	219.037	217.044	218.369	220.495	219.472	220.727
28.0250	223.622	225.484	221.790	221.071	222.913	218.572	216.275	215.961	215.404	214.999
28.5250	211.569	210.567	212.439	211.913	208.776	207.167	205.628	206.296	206.458	206.499
29.0250	205.750	204.343	205.983	206.509	206.590	206.772	205.021	203.746	204.515	204.950
29.5250	203.867	203.948	204.566	203.564	202.086	200.325	198.109	198.332	198.767	199.151
30.0250	199.172	198.392	196.895	197.735	198.403	197.097	196.743	196.237	195.174	195.164
30.5250	195.812	196.561	195.751	193.201	192.442	193.029	193.474	193.079	192.300	191.926
31.0250	191.986	191.541	190.954	190.043	190.590	190.641	191.207	191.400	191.582	190.995
31.5250	191.086	190.641	189.993	190.165	190.286	189.942	190.043	190.145	189.882	189.882
32.0250	189.548	188.819	188.708	188.151	187.271	187.503	188.161	187.949	188.100	191.055
32.5250	188.991	188.141	187.483	187.726	188.181	187.766	187.868	187.706	188.050	187.746
33.0250	187.878	187.766	187.331	186.603	186.775	186.603	186.087	185.945	185.925	186.673
33.5250	186.633	187.220	186.886	186.137	186.674	186.623	186.562	186.876	187.088	187.139
34.0250	187.250	187.109	187.260	191.288	197.026	201.823	198.200	193.828	197.633	193.859
34.5250	198.787	207.541	206.569	199.738	207.075	206.286	203.088	203.938	220.323	223.328
35.0250	217.064	209.686	193.778	199.070	186.147	187.139	187.453	187.362	186.309	185.975
35.5250	186.046	186.046	186.026	186.299	187.443	187.513	186.714	186.400	187.159	186.947
36.0250	187.260	187.260	187.078	186.097	185.995	186.663	187.493	187.250	187.422	187.281
36.5250	186.694	186.805	186.856	187.311	187.180	187.321	187.382	186.825	186.957	187.250
37.0250	187.463	187.260	187.169	186.684	186.876	187.412	187.362	187.331	188.090	188.748
37.5250	188.293	187.686	187.291	187.210	187.341	187.433	187.078	186.765	187.099	187.817
38.0250	188.293	188.333	187.777	188.262	188.414	188.202	187.959	188.394	188.627	188.627
38.5250	188.606	188.546	188.060	187.422	187.625	187.888	188.111	187.635	187.625	187.503
39.0250	188.455	188.303	188.090	188.364	188.799	188.809	188.202	188.242	188.232	187.696
39.5250	187.605	187.443	187.615	187.898	187.959	188.698	189.133	189.062	188.505	188.434
40.0250	188.434	188.434	188.434	188.434	188.434	188.434	188.434	188.434	188.434	188.434
40.5250	188.434	188.434	188.434	188.434	188.434	188.434	188.434	188.434	188.434	188.434
41.0250	188.434	188.434	188.434	188.434	188.434	188.434	188.434	188.434	188.434	188.434
41.5250	188.434	188.434	188.434	188.434	188.434	188.434	188.434	188.434	188.434	188.434
42.0250	188.434	188.434	188.434	188.434	188.434	188.434	188.434	188.434	188.434	188.434
42.5250	188.434	188.434	188.434	188.434	188.434	188.434	188.434	188.434	188.434	188.434
43.0250	188.434	188.434	188.434	188.434	188.434	188.434	188.434	188.434	188.434	188.434
43.5250	188.434	188.434	188.434	188.434	188.434	188.434	188.434	188.434	188.434	188.434
44.0250	188.434	188.434	188.434	188.434	188.434	188.434	188.434	188.434	188.434	188.434
44.5250	188.434	188.434	188.434	188.434	188.434	188.434	188.434	188.434	188.434	188.434
45.0250	188.434	188.434	188.434	188.434	188.434	188.434	188.434	188.434	188.434	188.434
45.5250	188.434	188.434	188.434	188.434	188.434	188.434	188.434	188.434	188.434	188.434
46.0250	188.434	188.434	188.434	188.434	188.434	188.434	188.434	188.434	188.434	188.434
46.5250	188.434	188.434	188.434	188.434	188.434	188.434	188.434	188.434	188.434	188.434
47.0250	188.434	188.434	188.434	188.434	188.434	188.434	188.434	188.434	188.434	188.434
47.5250	188.434	188.434	188.434	188.434	188.434	188.434	188.434	188.434	188.434	188.434
48.0250	188.434	188.434	188.434	188.434	188.434	188.434	188.434	188.434	188.434	188.434
48.5250	188.434	188.434	188.434	188.434	188.434	188.434	188.434	188.434	188.434	188.434
49.0250	188.434	188.434	188.434	188.434	188.434	188.434	188.434	188.434	188.434	188.434
49.5250	188.434	188.434	188.434	188.434	188.434	188.434	188.434	188.434	188.434	188.434

TEST M3 HEAT BALANCE TRANSIENT 2598 (50 ms Averaged) FM3L CC/S RECORD = 25

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	195.828	195.748	196.484	196.648	195.840	195.676	195.424	195.644	195.584	195.892
0.5250	196.236	196.156	196.016	196.192	196.552	196.068	196.104	196.392	196.216	196.636
1.0250	196.612	196.288	196.100	195.876	195.884	195.488	195.516	195.988	195.992	195.672
1.5250	195.788	195.792	195.864	195.736	195.988	195.684	195.724	196.024	195.948	195.848
2.0250	195.568	195.768	195.724	196.092	195.940	195.916	195.804	196.228	196.224	196.344
2.5250	196.272	196.312	195.976	195.960	196.032	196.160	196.016	195.780	196.308	196.312
3.0250	196.216	196.232	196.420	196.388	196.388	196.568	196.416	196.600	196.596	196.040
3.5250	195.984	196.032	195.852	195.504	195.960	196.164	196.168	195.880	195.812	195.964
4.0250	196.064	195.692	195.836	196.152	195.972	196.116	196.152	195.976	195.972	195.796
4.5250	196.000	196.172	195.968	195.836	195.808	196.108	196.336	196.320	195.980	195.872
5.0250	195.984	195.928	196.104	196.136	196.424	196.616	196.984	197.052	197.184	197.248
5.5250	196.920	196.664	196.620	196.760	196.712	197.324	196.832	197.144	197.208	197.040
6.0250	196.768	196.760	196.676	196.740	196.540	196.924	196.800	196.536	197.128	196.732
6.5250	196.680	196.912	196.664	196.800	197.168	196.600	196.996	198.336	198.484	197.844
7.0250	198.364	198.644	198.068	198.588	198.468	198.700	199.324	200.140	200.676	200.660
7.5250	199.716	200.024	201.080	200.560	199.860	198.608	198.456	199.156	199.264	200.824
8.0250	200.492	200.448	200.572	200.952	200.532	200.080	200.520	201.440	202.080	201.744
8.5250	200.264	199.824	198.436	196.676	196.740	197.084	198.448	199.504	199.932	200.112
9.0250	199.276	198.912	198.392	198.212	197.948	197.240	197.092	197.168	197.512	196.744
9.5250	196.164	197.692	198.528	198.688	198.336	197.352	196.452	196.352	197.920	198.656
10.0250	198.196	196.320	195.432	194.620	195.116	196.548	196.824	195.856	195.528	195.476
10.5250	195.584	195.244	195.236	196.248	197.000	196.540	198.140	198.508	199.008	198.948
11.0250	198.524	199.116	200.736	201.284	201.552	201.316	200.820	200.472	199.136	198.012
11.5250	196.996	196.748	197.300	197.680	196.964	197.116	197.660	196.804	196.808	197.128
12.0250	196.500	195.992	195.704	195.784	195.488	195.556	195.364	195.300	195.596	195.424
12.5250	195.072	195.208	194.936	195.096	195.708	196.688	197.420	198.132	198.844	198.196
13.0250	197.864	198.788	198.256	199.112	199.596	199.888	199.644	197.936	196.956	196.444
13.5250	196.432	197.108	197.744	196.916	196.388	196.224	197.772	197.464	196.460	196.172
14.0250	197.472	197.820	197.216	197.128	196.412	195.868	195.524	195.116	194.852	194.628
14.5250	195.896	196.960	196.208	195.280	195.308	194.984	195.328	196.616	196.616	196.400
15.0250	195.816	195.280	195.592	196.000	195.760	195.580	196.592	198.504	198.276	197.540
15.5250	197.628	196.416	196.284	196.232	195.552	195.492	195.464	194.904	194.972	195.536
16.0250	196.508	196.376	197.356	196.912	196.356	195.864	195.844	195.324	195.884	196.540
16.5250	196.100	195.296	194.996	194.952	195.332	195.120	194.924	194.680	194.836	195.900
17.0250	195.736	194.872	195.348	196.196	196.204	196.792	197.436	197.952	197.224	196.168
17.5250	195.764	196.288	196.184	195.380	195.204	195.116	195.992	196.940	195.932	195.240
18.0250	196.284	197.588	197.172	195.940	196.952	197.656	198.372	197.756	198.040	198.324
18.5250	198.776	198.620	197.628	196.744	196.380	195.904	195.380	195.256	195.100	195.212
19.0250	194.792	194.752	195.776	196.944	198.080	198.104	197.844	198.168	198.620	198.508
19.5250	198.036	198.484	198.216	197.512	196.176	195.636	196.332	197.384	198.208	197.680
20.0250	196.760	197.540	198.292	198.752	198.248	198.336	198.360	197.068	195.776	195.192
20.5250	195.096	195.796	196.936	197.928	198.020	197.068	196.916	197.576	197.960	197.064
21.0250	196.100	195.292	194.832	195.592	195.800	195.092	195.140	195.468	196.172	195.636
21.5250	194.736	197.804	198.268	198.696	198.184	200.184	203.104	200.800	195.032	197.040
22.0250	198.048	196.660	196.720	196.872	196.452	196.240	196.036	196.108	196.372	197.156
22.5250	197.164	196.964	196.780	196.908	196.708	196.240	196.068	196.708	197.888	198.220
23.0250	197.884	197.072	196.420	196.088	195.716	195.516	195.776	196.788	196.160	195.688
23.5250	196.144	196.972	197.232	197.296	197.896	198.660	199.224	199.048	198.680	199.008
24.0250	198.892	198.708	199.120	199.068	198.596	198.868	199.012	199.084	198.992	199.072
24.5250	198.856	198.856	199.476	199.904	199.532	198.276	198.420	199.128	198.088	198.096

TEST M3 HEAT BALANCE TRANSIENT 2598 (50 ms Averaged) FM3L CC/S RECORD = 26

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0250	198.372	198.860	198.208	197.444	198.576	198.972	199.208	199.000	199.076	199.516
25.5250	198.692	198.252	197.696	196.636	197.288	198.208	198.728	198.728	198.716	197.920
26.0250	196.764	196.788	196.480	196.492	196.452	195.980	196.156	196.400	197.528	197.860
26.5250	196.604	195.944	197.260	197.796	197.136	197.404	197.632	197.740	197.900	197.436
27.0250	196.936	196.848	196.884	196.960	196.524	196.200	196.396	196.068	195.720	195.008
27.5250	195.240	196.324	196.328	196.524	196.688	196.668	196.568	196.604	196.192	196.160
28.0250	196.372	196.232	195.676	195.352	195.204	195.112	195.344	195.472	195.660	195.320
28.5250	195.492	195.372	195.056	194.880	195.692	195.692	195.620	195.576	195.320	194.852
29.0250	194.952	195.100	195.280	195.824	195.236	194.992	194.852	194.812	194.724	195.084
29.5250	195.720	196.148	195.916	196.156	196.008	195.564	196.072	195.892	195.716	195.640
30.0250	195.640	195.620	196.196	196.104	196.244	196.916	196.636	195.428	195.096	195.604
30.5250	195.452	195.644	196.188	196.204	195.764	195.488	194.988	194.880	194.748	194.716
31.0250	194.756	194.812	194.988	195.384	195.804	195.508	195.164	195.456	195.280	195.276
31.5250	195.124	195.004	194.748	194.260	194.488	194.368	194.244	194.104	194.128	194.528
32.0250	194.764	194.224	194.288	194.900	195.088	195.344	195.364	195.028	194.896	195.236
32.5250	195.240	195.312	195.852	195.916	195.636	195.092	194.924	194.972	194.808	194.092
33.0250	193.368	192.984	193.040	193.956	194.492	194.240	193.968	194.032	193.668	194.136
33.5250	194.728	193.808	194.088	194.176	194.020	194.092	194.032	194.172	194.256	194.528
34.0250	194.744	194.844	194.644	196.824	199.860	202.236	200.632	199.004	200.312	198.468
34.5250	200.960	205.876	205.644	203.036	203.524	205.416	202.392	204.252	210.488	212.712
35.0250	208.232	204.080	198.016	201.384	194.352	194.596	194.768	194.496	194.192	194.160
35.5250	194.204	193.776	193.988	194.356	194.280	194.128	194.400	194.512	194.624	194.776
36.0250	194.608	194.708	194.552	194.444	194.556	194.512	194.324	194.504	194.364	194.456
36.5250	194.492	194.264	193.732	193.540	194.024	194.212	194.264	194.476	194.356	193.988
37.0250	194.200	194.412	194.304	194.108	194.140	194.372	194.628	194.064	194.544	194.840
37.5250	195.052	194.820	194.676	194.764	194.868	194.856	194.596	194.588	194.588	194.216
38.0250	194.092	194.304	194.280	194.528	194.140	193.956	194.328	194.712	194.588	194.800
38.5250	195.040	194.548	194.444	194.440	193.892	193.804	194.520	194.544	194.860	194.820
39.0250	194.556	194.608	194.736	194.608	194.664	194.344	194.280	194.616	194.396	194.408
39.5250	194.248	194.052	194.180	194.056	194.220	194.708	194.596	194.224	194.604	194.228
40.0250	194.228	194.228	194.228	194.228	194.228	194.228	194.228	194.228	194.228	194.228
40.5250	194.228	194.228	194.228	194.228	194.228	194.228	194.228	194.228	194.228	194.228
41.0250	194.228	194.228	194.228	194.228	194.228	194.228	194.228	194.228	194.228	194.228
41.5250	194.228	194.228	194.228	194.228	194.228	194.228	194.228	194.228	194.228	194.228
42.0250	194.228	194.228	194.228	194.228	194.228	194.228	194.228	194.228	194.228	194.228
42.5250	194.228	194.228	194.228	194.228	194.228	194.228	194.228	194.228	194.228	194.228
43.0250	194.228	194.228	194.228	194.228	194.228	194.228	194.228	194.228	194.228	194.228
43.5250	194.228	194.228	194.228	194.228	194.228	194.228	194.228	194.228	194.228	194.228
44.0250	194.228	194.228	194.228	194.228	194.228	194.228	194.228	194.228	194.228	194.228
44.5250	194.228	194.228	194.228	194.228	194.228	194.228	194.228	194.228	194.228	194.228
45.0250	194.228	194.228	194.228	194.228	194.228	194.228	194.228	194.228	194.228	194.228
45.5250	194.228	194.228	194.228	194.228	194.228	194.228	194.228	194.228	194.228	194.228
46.0250	194.228	194.228	194.228	194.228	194.228	194.228	194.228	194.228	194.228	194.228
46.5250	194.228	194.228	194.228	194.228	194.228	194.228	194.228	194.228	194.228	194.228
47.0250	194.228	194.228	194.228	194.228	194.228	194.228	194.228	194.228	194.228	194.228
47.5250	194.228	194.228	194.228	194.228	194.228	194.228	194.228	194.228	194.228	194.228
48.0250	194.228	194.228	194.228	194.228	194.228	194.228	194.228	194.228	194.228	194.228
48.5250	194.228	194.228	194.228	194.228	194.228	194.228	194.228	194.228	194.228	194.228
49.0250	194.228	194.228	194.228	194.228	194.228	194.228	194.228	194.228	194.228	194.228
49.5250	194.228	194.228	194.228	194.228	194.228	194.228	194.228	194.228	194.228	194.228

TEST M3 HEAT BALANCE TRANSIENT 2598 (50 ms Averaged) PT1L MPA RECORD = 27

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	0.509	0.509	0.509	0.509	0.509	0.508	0.509	0.508	0.508	0.509
0.5250	0.508	0.508	0.509	0.508	0.508	0.508	0.508	0.508	0.508	0.508
1.0250	0.508	0.508	0.508	0.508	0.509	0.509	0.508	0.508	0.508	0.508
1.5250	0.508	0.508	0.508	0.508	0.508	0.508	0.508	0.508	0.508	0.508
2.0250	0.508	0.508	0.508	0.509	0.509	0.508	0.508	0.508	0.508	0.508
2.5250	0.509	0.509	0.508	0.508	0.508	0.508	0.508	0.508	0.508	0.508
3.0250	0.508	0.508	0.508	0.508	0.508	0.508	0.508	0.508	0.508	0.508
3.5250	0.508	0.508	0.508	0.509	0.509	0.509	0.509	0.509	0.509	0.509
4.0250	0.509	0.509	0.509	0.509	0.509	0.509	0.509	0.509	0.509	0.509
4.5250	0.509	0.509	0.509	0.509	0.509	0.509	0.509	0.509	0.509	0.509
5.0250	0.509	0.509	0.509	0.509	0.509	0.509	0.509	0.509	0.509	0.509
5.5250	0.509	0.509	0.509	0.509	0.509	0.509	0.509	0.509	0.509	0.509
6.0250	0.509	0.509	0.509	0.510	0.510	0.510	0.510	0.510	0.510	0.510
6.5250	0.510	0.511	0.510	0.511	0.511	0.511	0.511	0.511	0.511	0.511
7.0250	0.511	0.511	0.511	0.511	0.511	0.511	0.511	0.511	0.511	0.511
7.5250	0.511	0.511	0.511	0.511	0.511	0.511	0.511	0.512	0.512	0.512
8.0250	0.512	0.512	0.512	0.512	0.512	0.512	0.512	0.512	0.512	0.512
8.5250	0.512	0.512	0.512	0.512	0.512	0.511	0.511	0.511	0.512	0.511
9.0250	0.511	0.511	0.512	0.511	0.512	0.511	0.512	0.512	0.512	0.512
9.5250	0.512	0.512	0.512	0.512	0.512	0.512	0.512	0.512	0.512	0.512
10.0250	0.512	0.512	0.512	0.512	0.512	0.512	0.512	0.512	0.512	0.513
10.5250	0.513	0.513	0.512	0.512	0.513	0.513	0.513	0.513	0.513	0.513
11.0250	0.513	0.513	0.513	0.513	0.513	0.513	0.513	0.513	0.513	0.513
11.5250	0.513	0.513	0.513	0.513	0.513	0.513	0.513	0.513	0.513	0.513
12.0250	0.513	0.513	0.513	0.513	0.513	0.513	0.513	0.513	0.514	0.513
12.5250	0.513	0.513	0.513	0.513	0.513	0.513	0.513	0.513	0.513	0.513
13.0250	0.513	0.513	0.513	0.514	0.513	0.513	0.513	0.513	0.513	0.513
13.5250	0.513	0.513	0.513	0.513	0.513	0.513	0.513	0.513	0.513	0.513
14.0250	0.513	0.513	0.513	0.513	0.513	0.513	0.513	0.513	0.513	0.513
14.5250	0.513	0.513	0.513	0.513	0.513	0.513	0.513	0.513	0.513	0.513
15.0250	0.513	0.513	0.513	0.513	0.513	0.513	0.513	0.513	0.513	0.513
15.5250	0.513	0.514	0.513	0.513	0.514	0.514	0.513	0.513	0.513	0.513
16.0250	0.514	0.513	0.514	0.514	0.514	0.514	0.514	0.514	0.514	0.514
16.5250	0.514	0.514	0.514	0.514	0.514	0.514	0.514	0.514	0.514	0.514
17.0250	0.514	0.514	0.514	0.514	0.513	0.514	0.514	0.513	0.513	0.513
17.5250	0.513	0.513	0.513	0.513	0.513	0.513	0.513	0.513	0.513	0.513
18.0250	0.513	0.513	0.513	0.513	0.513	0.514	0.514	0.514	0.514	0.514
18.5250	0.514	0.514	0.514	0.514	0.514	0.514	0.514	0.514	0.514	0.514
19.0250	0.514	0.514	0.514	0.514	0.514	0.514	0.514	0.514	0.514	0.514
19.5250	0.514	0.514	0.514	0.514	0.514	0.514	0.514	0.514	0.514	0.514
20.0250	0.514	0.514	0.514	0.513	0.514	0.514	0.514	0.514	0.514	0.514
20.5250	0.513	0.513	0.514	0.514	0.514	0.514	0.514	0.514	0.514	0.514
21.0250	0.514	0.514	0.515	0.515	0.515	0.515	0.515	0.515	0.515	0.515
21.5250	0.515	0.515	0.515	0.514	0.514	0.514	0.514	0.515	0.515	0.514
22.0250	0.515	0.516	0.516	0.517	0.517	0.517	0.517	0.517	0.517	0.517
22.5250	0.516	0.516	0.517	0.517	0.517	0.517	0.516	0.517	0.516	0.516
23.0250	0.516	0.517	0.516	0.516	0.517	0.516	0.516	0.517	0.517	0.516
23.5250	0.517	0.517	0.517	0.516	0.517	0.517	0.516	0.517	0.516	0.516
24.0250	0.516	0.516	0.516	0.516	0.516	0.516	0.516	0.516	0.516	0.516
24.5250	0.516	0.516	0.517	0.516	0.517	0.517	0.517	0.517	0.517	0.517

TEST M3 HEAT BALANCE TRANSIENT 2598 (50 ms Averaged) PT1L MPA RECORD = 28

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0250	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517
25.5250	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517
26.0250	0.517	0.517	0.518	0.518	0.518	0.518	0.518	0.518	0.518	0.518
26.5250	0.518	0.518	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517
27.0250	0.516	0.516	0.516	0.516	0.516	0.516	0.516	0.516	0.516	0.515
27.5250	0.515	0.516	0.516	0.516	0.516	0.516	0.515	0.515	0.515	0.515
28.0250	0.515	0.515	0.516	0.515	0.516	0.516	0.516	0.516	0.516	0.516
28.5250	0.516	0.516	0.516	0.516	0.516	0.516	0.516	0.516	0.516	0.516
29.0250	0.516	0.516	0.516	0.516	0.516	0.516	0.516	0.516	0.516	0.516
29.5250	0.516	0.515	0.515	0.515	0.515	0.515	0.515	0.515	0.515	0.515
30.0250	0.515	0.515	0.515	0.515	0.515	0.515	0.515	0.515	0.515	0.515
30.5250	0.515	0.515	0.515	0.515	0.515	0.515	0.515	0.515	0.515	0.515
31.0250	0.515	0.515	0.515	0.515	0.515	0.515	0.515	0.515	0.515	0.515
31.5250	0.515	0.515	0.515	0.515	0.515	0.515	0.515	0.516	0.516	0.516
32.0250	0.516	0.516	0.516	0.516	0.516	0.516	0.516	0.516	0.516	0.516
32.5250	0.516	0.516	0.516	0.516	0.516	0.516	0.516	0.516	0.516	0.516
33.0250	0.516	0.516	0.516	0.516	0.515	0.516	0.516	0.516	0.516	0.516
33.5250	0.516	0.516	0.516	0.516	0.516	0.516	0.516	0.516	0.516	0.516
34.0250	0.516	0.516	0.516	0.516	0.516	0.515	0.515	0.515	0.515	0.515
34.5250	0.515	0.515	0.515	0.515	0.515	0.515	0.515	0.515	0.515	0.514
35.0250	0.515	0.515	0.515	0.515	0.516	0.516	0.516	0.516	0.516	0.516
35.5250	0.516	0.516	0.516	0.516	0.516	0.516	0.516	0.516	0.516	0.516
36.0250	0.516	0.517	0.517	0.517	0.516	0.517	0.517	0.517	0.517	0.517
36.5250	0.516	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517
37.0250	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.516	0.517	0.517
37.5250	0.517	0.517	0.517	0.517	0.516	0.517	0.517	0.517	0.516	0.516
38.0250	0.516	0.516	0.517	0.516	0.517	0.517	0.517	0.517	0.516	0.517
38.5250	0.516	0.516	0.516	0.516	0.516	0.516	0.516	0.516	0.516	0.516
39.0250	0.516	0.516	0.516	0.516	0.516	0.516	0.516	0.516	0.516	0.516
39.5250	0.516	0.516	0.516	0.516	0.516	0.517	0.516	0.517	0.517	0.517
40.0250	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517
40.5250	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517
41.0250	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517
41.5250	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517
42.0250	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517
42.5250	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517
43.0250	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517
43.5250	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517
44.0250	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517
44.5250	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517
45.0250	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517
45.5250	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517
46.0250	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517
46.5250	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517
47.0250	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517
47.5250	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517
48.0250	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517
48.5250	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517
49.0250	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517
49.5250	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517

TEST M3 HEAT BALANCE TRANSIENT 2598 (50 ms Averaged) PT2L MPA RECORD = 29

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0256	0.394	0.395	0.394	0.394	0.394	0.394	0.394	0.394	0.395	0.394
0.5256	0.394	0.394	0.394	0.394	0.394	0.394	0.394	0.394	0.394	0.394
1.0256	0.394	0.394	0.394	0.394	0.395	0.395	0.395	0.394	0.394	0.394
1.5256	0.394	0.394	0.394	0.394	0.394	0.394	0.394	0.394	0.394	0.394
2.0256	0.393	0.394	0.394	0.395	0.394	0.394	0.394	0.395	0.394	0.394
2.5256	0.394	0.395	0.394	0.395	0.394	0.395	0.394	0.394	0.394	0.394
3.0256	0.394	0.394	0.395	0.394	0.394	0.394	0.394	0.394	0.394	0.394
3.5256	0.394	0.394	0.395	0.394	0.395	0.395	0.394	0.395	0.394	0.395
4.0256	0.395	0.395	0.395	0.395	0.395	0.395	0.395	0.396	0.395	0.396
4.5256	0.396	0.396	0.396	0.396	0.397	0.397	0.396	0.397	0.397	0.397
5.0256	0.397	0.397	0.398	0.398	0.396	0.398	0.397	0.397	0.398	0.398
5.5256	0.398	0.398	0.398	0.398	0.398	0.398	0.398	0.398	0.398	0.398
6.0256	0.398	0.398	0.399	0.398	0.400	0.400	0.399	0.398	0.399	0.400
6.5256	0.399	0.399	0.400	0.399	0.399	0.400	0.400	0.400	0.400	0.401
7.0256	0.400	0.399	0.401	0.401	0.400	0.401	0.400	0.400	0.400	0.401
7.5256	0.400	0.400	0.400	0.400	0.401	0.401	0.400	0.401	0.401	0.401
8.0256	0.401	0.402	0.401	0.401	0.401	0.401	0.401	0.401	0.401	0.401
8.5256	0.401	0.402	0.401	0.402	0.402	0.401	0.402	0.401	0.402	0.402
9.0256	0.402	0.401	0.402	0.402	0.401	0.402	0.402	0.401	0.402	0.402
9.5256	0.402	0.402	0.402	0.402	0.402	0.402	0.402	0.403	0.409	0.403
10.0256	0.402	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403
10.5256	0.403	0.403	0.402	0.403	0.403	0.403	0.403	0.403	0.403	0.403
11.0256	0.403	0.403	0.404	0.403	0.403	0.404	0.404	0.403	0.403	0.404
11.5256	0.403	0.404	0.403	0.404	0.404	0.404	0.403	0.404	0.404	0.404
12.0256	0.404	0.404	0.404	0.404	0.404	0.404	0.404	0.404	0.405	0.404
12.5256	0.405	0.404	0.404	0.404	0.404	0.404	0.405	0.405	0.405	0.405
13.0256	0.404	0.405	0.405	0.405	0.405	0.405	0.405	0.405	0.404	0.404
13.5256	0.404	0.404	0.404	0.404	0.405	0.404	0.404	0.404	0.404	0.405
14.0256	0.404	0.405	0.405	0.405	0.404	0.405	0.405	0.406	0.405	0.406
14.5256	0.405	0.405	0.405	0.405	0.406	0.405	0.405	0.405	0.405	0.405
15.0256	0.405	0.405	0.405	0.405	0.405	0.406	0.405	0.405	0.405	0.406
15.5256	0.405	0.405	0.406	0.406	0.405	0.406	0.405	0.406	0.406	0.406
16.0256	0.405	0.406	0.406	0.406	0.406	0.406	0.406	0.405	0.406	0.407
16.5256	0.406	0.407	0.406	0.407	0.406	0.406	0.406	0.407	0.406	0.406
17.0256	0.406	0.407	0.407	0.407	0.406	0.407	0.407	0.406	0.406	0.407
17.5256	0.407	0.406	0.406	0.406	0.406	0.406	0.406	0.406	0.406	0.407
18.0256	0.408	0.407	0.407	0.407	0.406	0.407	0.407	0.407	0.407	0.408
18.5256	0.407	0.407	0.407	0.408	0.408	0.408	0.407	0.408	0.4[illegible]	0.408
19.0256	0.407	0.408	0.408	0.408	0.408	0.407	0.408	0.408	0.407	0.407
19.5256	0.407	0.407	0.407	0.407	0.407	0.408	0.407	0.408	0.408	0.408
20.0256	0.407	0.407	0.408	0.408	0.407	0.408	0.408	0.407	0.407	0.408
20.5256	0.408	0.408	0.408	0.408	0.408	0.408	0.407	0.408	0.409	0.414
21.0256	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.408	0.409
21.5256	0.410	0.411	0.408	0.408	0.408	0.407	0.409	0.407	0.410	0.405
22.0256	0.407	0.409	0.410	0.410	0.409	0.410	0.410	0.409	0.410	0.410
22.5256	0.409	0.409	0.409	0.410	0.410	0.410	0.409	0.409	0.410	0.409
23.0256	0.410	0.410	0.410	0.410	0.409	0.410	0.411	0.410	0.410	0.411
23.5256	0.410	0.411	0.410	0.411	0.410	0.410	0.411	0.410	0.410	0.411
24.0256	0.409	0.410	0.410	0.410	0.409	0.410	0.410	0.410	0.410	0.410
24.5256	0.410	0.410	0.411	0.411	0.411	0.411	0.410	0.410	0.411	0.410

TEST M3 HEAT BALANCE TRANSIENT 2598 (50 ms Averaged) PT2L MPA RECORD = 30

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0256	0.410	0.411	0.411	0.410	0.411	0.410	0.411	0.411	0.410	0.411
25.5256	0.411	0.411	0.410	0.411	0.411	0.411	0.411	0.411	0.411	0.411
26.0256	0.411	0.410	0.409	0.409	0.408	0.409	0.410	0.409	0.408	0.410
26.5256	0.408	0.409	0.409	0.408	0.409	0.409	0.408	0.408	0.408	0.408
27.0256	0.407	0.408	0.408	0.408	0.407	0.407	0.407	0.408	0.406	0.407
27.5256	0.408	0.407	0.406	0.407	0.407	0.407	0.406	0.407	0.406	0.407
28.0256	0.407	0.406	0.407	0.407	0.406	0.406	0.407	0.407	0.407	0.408
28.5256	0.407	0.407	0.407	0.407	0.407	0.408	0.407	0.407	0.408	0.407
29.0256	0.407	0.407	0.406	0.407	0.407	0.406	0.407	0.408	0.406	0.406
29.5256	0.407	0.406	0.406	0.406	0.407	0.406	0.406	0.406	0.406	0.406
30.0256	0.406	0.405	0.406	0.406	0.405	0.406	0.406	0.406	0.405	0.406
30.5256	0.406	0.405	0.406	0.406	0.406	0.406	0.406	0.405	0.406	0.406
31.0256	0.405	0.406	0.405	0.406	0.406	0.405	0.406	0.406	0.406	0.406
31.5256	0.406	0.411	0.405	0.406	0.406	0.406	0.406	0.407	0.406	0.407
32.0256	0.407	0.406	0.407	0.407	0.407	0.407	0.407	0.406	0.406	0.407
32.5256	0.407	0.406	0.406	0.406	0.407	0.407	0.406	0.407	0.407	0.407
33.0256	0.406	0.406	0.407	0.406	0.406	0.406	0.406	0.407	0.406	0.407
33.5256	0.407	0.407	0.406	0.407	0.407	0.407	0.407	0.408	0.407	0.407
34.0256	0.406	0.405	0.407	0.398	0.407	0.400	0.405	0.405	0.405	0.385
34.5256	0.406	0.406	0.397	0.403	0.397	0.394	0.402	0.387	0.397	0.388
35.0256	0.396	0.401	0.403	0.405	0.406	0.406	0.406	0.406	0.406	0.406
35.5256	0.406	0.407	0.406	0.407	0.407	0.406	0.406	0.406	0.406	0.406
36.0256	0.407	0.407	0.406	0.407	0.406	0.406	0.407	0.407	0.406	0.407
36.5256	0.407	0.407	0.406	0.407	0.407	0.407	0.406	0.408	0.407	0.407
37.0256	0.407	0.406	0.407	0.407	0.406	0.407	0.406	0.407	0.405	0.406
37.5256	0.406	0.406	0.407	0.406	0.407	0.407	0.406	0.406	0.406	0.406
38.0256	0.406	0.406	0.407	0.406	0.406	0.405	0.406	0.406	0.406	0.406
38.5256	0.406	0.406	0.405	0.407	0.406	0.405	0.405	0.405	0.405	0.406
39.0256	0.405	0.404	0.406	0.406	0.404	0.406	0.406	0.405	0.406	0.406
39.5256	0.406	0.405	0.405	0.406	0.406	0.405	0.406	0.406	0.406	0.406
40.0256	0.407	0.407	0.407	0.407	0.407	0.407	0.408	0.407	0.407	0.407
40.5256	0.407	0.407	0.407	0.407	0.407	0.407	0.407	0.407	0.407	0.407
41.0256	0.406	0.407	0.407	0.407	0.406	0.406	0.407	0.406	0.406	0.406
41.5256	0.407	0.407	0.407	0.406	0.407	0.406	0.407	0.406	0.407	0.406
42.0256	0.406	0.407	0.407	0.407	0.407	0.406	0.407	0.408	0.406	0.406
42.5256	0.407	0.407	0.406	0.407	0.407	0.407	0.407	0.406	0.407	0.407
43.0256	0.407	0.406	0.407	0.406	0.406	0.406	0.407	0.405	0.406	0.406
43.5256	0.406	0.407	0.407	0.406	0.407	0.407	0.406	0.407	0.407	0.407
44.0256	0.406	0.407	0.407	0.407	0.405	0.406	0.406	0.407	0.406	0.406
44.5256	0.408	0.407	0.406	0.406	0.407	0.407	0.406	0.406	0.406	0.407
45.0256	0.406	0.406	0.406	0.407	0.406	0.406	0.407	0.406	0.406	0.406
45.5256	0.406	0.406	0.406	0.405	0.406	0.406	0.406	0.406	0.407	0.407
46.0256	0.405	0.407	0.407	0.407	0.406	0.407	0.407	0.408	0.407	0.407
46.5256	0.408	0.408	0.407	0.408	0.407	0.407	0.407	0.407	0.407	0.407
47.0256	0.407	0.407	0.407	0.407	0.407	0.406	0.407	0.407	0.407	0.407
47.5256	0.407	0.406	0.407	0.406	0.407	0.407	0.406	0.407	0.407	0.407
48.0256	0.406	0.407	0.407	0.407	0.407	0.407	0.406	0.407	0.407	0.407
48.5256	0.407	0.407	0.407	0.407	0.407	0.407	0.407	0.406	0.407	0.407
49.0256	0.407	0.407	0.407	0.407	0.407	0.407	0.407	0.407	0.407	0.407
49.5256	0.407	0.407	0.407	0.407	0.406	0.407	0.407	0.407	0.407	0.407

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	628.856	628.763	628.701	628.887	628.949	628.949	628.980	628.856	628.979	628.949
0.5250	628.856	628.856	628.949	628.856	628.918	628.794	628.918	628.949	628.887	628.825
1.0250	628.887	628.794	628.856	628.918	628.887	628.763	628.856	628.794	628.794	628.887
1.5250	628.763	628.949	628.918	628.825	628.856	628.763	628.701	628.794	628.794	628.763
2.0250	628.794	628.825	628.794	628.763	628.763	628.887	628.918	628.763	628.671	628.794
2.5250	628.732	628.794	628.794	628.887	628.794	628.732	628.825	628.671	628.763	628.794
3.0250	628.794	628.763	628.825	628.887	628.763	629.010	628.794	628.887	628.887	628.980
3.5250	628.949	629.010	629.072	629.103	629.103	629.103	629.289	629.350	629.474	629.505
4.0250	629.659	629.783	629.876	630.092	630.154	630.586	630.926	631.235	631.606	632.069
4.5250	632.749	633.274	634.232	634.881	635.961	637.165	638.492	639.943	641.825	644.231
5.0250	646.668	649.504	652.401	655.266	657.792	660.162	661.917	663.425	664.902	665.825
5.5250	666.779	667.425	667.824	668.255	668.409	668.470	668.778	668.932	668.962	668.962
6.0250	669.085	669.116	668.932	669.024	668.809	668.962	669.024	668.870	668.932	668.901
6.5250	669.024	668.962	668.932	668.809	668.932	668.870	668.870	668.962	668.901	668.932
7.0250	668.901	668.901	668.778	668.870	668.701	668.901	669.178	668.870	668.962	668.809
7.5250	668.962	668.993	668.870	668.962	668.932	669.024	669.055	668.962	668.962	669.024
8.0250	669.024	669.116	669.178	669.055	669.147	669.178	668.962	669.147	669.331	669.208
8.5250	669.147	669.178	669.270	669.178	669.208	669.270	669.239	669.147	669.301	669.362
9.0250	669.485	669.485	669.424	669.485	669.516	669.516	669.455	669.485	669.393	669.547
9.5250	669.608	669.547	669.485	669.516	669.455	669.547	669.547	669.608	669.578	669.578
10.0250	669.639	669.731	669.731	669.670	669.670	669.608	669.701	669.793	669.762	669.762
10.5250	669.731	669.762	669.793	669.793	669.824	669.824	669.762	669.824	669.885	669.855
11.0250	669.855	669.885	669.854	669.885	669.855	669.854	669.824	669.855	669.885	669.916
11.5250	669.885	669.947	669.978	670.008	669.977	670.070	670.101	670.039	670.131	670.070
12.0250	670.101	670.193	670.070	670.224	670.131	670.193	670.131	670.193	670.285	670.193
12.5250	670.316	670.254	670.254	670.378	670.285	670.470	670.316	670.285	670.470	670.347
13.0250	670.439	670.531	670.470	670.501	670.500	670.500	670.654	670.685	670.562	670.747
13.5250	670.900	670.900	671.023	670.839	670.808	670.777	670.808	670.870	670.808	670.962
14.0250	670.962	671.146	671.023	671.023	671.208	671.116	671.208	671.177	671.208	671.177
14.5250	671.239	671.208	671.269	671.269	671.331	671.331	671.300	671.300	671.362	671.423
15.0250	671.454	671.392	671.423	671.454	671.484	671.515	671.484	671.484	671.454	671.484
15.5250	671.515	671.484	671.546	671.577	671.577	671.638	671.546	671.607	671.700	671.761
16.0250	671.669	671.761	671.853	671.730	671.823	671.915	671.884	671.946	671.915	671.915
16.5250	671.884	671.976	672.007	672.007	671.976	672.099	672.099	672.069	672.099	672.284
17.0250	672.438	672.284	672.407	672.376	672.376	672.407	672.253	672.499	672.407	672.499
17.5250	672.560	672.560	672.653	672.591	672.745	672.591	672.745	672.653	672.622	672.714
18.0250	672.745	672.745	672.837	672.930	672.960	672.868	672.868	672.899	672.960	673.083
18.5250	672.960	673.083	672.991	673.022	672.991	672.991	673.083	673.114	673.114	673.053
19.0250	673.083	673.206	673.176	673.268	673.114	673.237	673.176	673.299	673.299	673.299
19.5250	673.329	673.268	673.391	673.483	673.483	673.545	673.483	673.575	673.483	673.606
20.0250	673.575	673.575	673.606	673.668	673.760	673.821	673.760	673.821	673.852	673.944
20.5250	673.914	673.975	674.037	674.006	674.037	674.098	674.037	674.037	674.160	674.190
21.0250	674.252	674.252	674.221	674.282	674.252	674.405	674.375	674.405	674.498	674.436
21.5250	674.467	674.313	674.405	674.498	674.498	674.436	674.436	674.467	674.621	674.651
22.0250	674.682	674.774	674.805	674.867	674.621	674.744	674.744	674.682	674.651	674.713
22.5250	674.713	674.713	674.805	674.836	674.774	674.897	674.836	675.020	675.020	675.174
23.0250	675.205	675.082	675.112	675.205	675.205	675.205	675.358	675.481	675.420	675.543
23.5250	675.543	675.635	675.573	675.758	675.727	675.819	675.850	675.881	675.850	675.819
24.0250	675.881	676.004	676.034	676.034	675.912	676.096	676.096	676.096	676.157	676.188
24.5250	676.188	676.188	676.373	676.280	676.434	676.280	676.465	676.588	676.495	676.680

TEST M3 HEAT BALANCE TRANSIENT 2598 (50 ms Averaged) TC1 K RECORD = 32

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0250	676.711	676.710	676.803	676.956	676.956	676.864	677.110	677.171	677.171	677.202
25.5250	677.386	677.386	677.325	677.386	677.571	677.540	677.602	677.479	677.540	677.602
26.0250	677.755	677.571	676.342	673.545	669.147	663.763	658.469	653.664	649.412	645.866
26.5250	643.121	640.776	639.480	638.307	637.504	636.825	636.362	635.992	635.838	635.622
27.0250	635.498	635.251	635.190	635.159	634.973	634.912	634.881	634.912	634.912	634.788
27.5250	634.912	634.819	634.881	634.912	634.973	634.881	634.788	634.943	634.881	634.850
28.0250	634.881	634.943	635.004	634.912	634.974	635.004	635.004	635.097	635.159	635.220
28.5250	635.220	635.282	635.282	635.344	635.313	635.406	635.437	635.406	635.498	635.683
29.0250	635.591	635.560	635.591	635.776	635.714	635.776	635.838	635.776	635.869	635.900
29.5250	635.961	635.961	635.961	635.961	636.023	636.054	636.023	636.085	636.146	636.208
30.0250	636.177	636.239	636.301	636.301	636.393	636.424	636.424	636.455	636.455	636.486
30.5250	636.548	636.733	636.671	636.702	636.918	636.825	636.794	636.856	637.010	636.856
31.0250	637.072	637.134	637.165	637.227	637.319	637.319	637.288	637.350	637.288	637.412
31.5250	637.412	637.474	637.566	637.473	637.566	637.597	637.751	637.659	637.690	637.906
32.0250	637.782	637.813	637.998	637.998	637.967	638.122	638.122	638.214	638.184	638.276
32.5250	638.276	638.369	638.492	638.616	638.616	638.770	638.708	638.863	638.893	638.955
33.0250	638.893	638.986	638.986	639.079	639.109	639.140	639.233	639.202	639.295	639.295
33.5250	639.387	639.356	639.356	639.480	639.572	639.541	639.757	639.603	639.634	639.850
34.0250	639.819	639.850	639.881	639.757	639.572	639.510	639.727	639.788	639.727	639.788
34.5250	639.912	639.727	640.035	639.881	640.066	640.251	640.313	640.097	640.220	640.128
35.0250	640.189	640.282	640.560	640.591	640.838	640.714	640.992	640.992	640.992	641.208
35.5250	641.239	641.486	641.393	641.547	641.671	641.856	641.917	642.072	642.133	642.041
36.0250	642.195	642.319	642.349	642.411	642.442	642.473	642.504	642.565	642.535	642.750
36.5250	642.658	642.781	642.750	642.843	642.812	642.905	643.090	642.997	643.182	643.244
37.0250	643.244	643.275	643.398	643.429	643.491	643.491	643.645	643.553	643.645	643.738
37.5250	643.707	643.676	643.861	643.707	643.861	643.954	643.985	643.954	644.046	644.170
38.0250	644.324	644.262	644.232	644.386	644.417	644.478	644.633	644.787	644.756	644.818
38.5250	644.910	644.787	644.972	645.033	644.910	645.003	645.095	645.218	645.188	645.342
39.0250	645.280	645.311	645.403	645.372	645.496	645.496	645.496	645.619	645.588	645.558
39.5250	645.619	645.773	645.866	646.020	645.958	646.051	646.113	646.298	646.236	646.421
40.0250	646.421	646.421	646.421	646.421	646.421	646.421	646.421	646.421	646.421	646.421
40.5250	646.421	646.421	646.421	646.421	646.421	646.421	646.421	646.421	646.421	646.421
41.0250	646.421	646.421	646.421	646.421	646.421	646.421	646.421	646.421	646.421	646.421
41.5250	646.421	646.421	646.421	646.421	646.421	646.421	646.421	646.421	646.421	646.421
42.0250	646.421	646.421	646.421	646.421	646.421	646.421	646.421	646.421	646.421	646.421
42.5250	646.421	646.421	646.421	646.421	646.421	646.421	646.421	646.421	646.421	646.421
43.0250	646.421	646.421	646.421	646.421	646.421	646.421	646.421	646.421	646.421	646.421
43.5250	646.421	646.421	646.421	646.421	646.421	646.421	646.421	646.421	646.421	646.421
44.0250	646.421	646.421	646.421	646.421	646.421	646.421	646.421	646.421	646.421	646.421
44.5250	646.421	646.421	646.421	646.421	646.421	646.421	646.421	646.421	646.421	646.421
45.0250	646.421	646.421	646.421	646.421	646.421	646.421	646.421	646.421	646.421	646.421
45.5250	646.421	646.421	646.421	646.421	646.421	646.421	646.421	646.421	646.421	646.421
46.0250	646.421	646.421	646.421	646.421	646.421	646.421	646.421	646.421	646.421	646.421
46.5250	646.421	646.421	646.421	646.421	646.421	646.421	646.421	646.421	646.421	646.421
47.0250	646.421	646.421	646.421	646.421	646.421	646.421	646.421	646.421	646.421	646.421
47.5250	646.421	646.421	646.421	646.421	646.421	646.421	646.421	646.421	646.421	646.421
48.0250	646.421	646.421	646.421	646.421	646.421	646.421	646.421	646.421	646.421	646.421
48.5250	646.421	646.421	646.421	646.421	646.421	646.421	646.421	646.421	646.421	646.421
49.0250	646.421	646.421	646.421	646.421	646.421	646.421	646.421	646.421	646.421	646.421
49.5250	646.421	646.421	646.421	646.421	646.421	646.421	646.421	646.421	646.421	646.421

TEST M3 HEAT BALANCE TRANSIENT 2598 (50 ms Averaged) TC2 K RECORD = 33

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	629.002	629.033	629.033	629.002	629.002	629.002	629.095	629.033	629.033	629.033
0.5250	629.095	629.002	629.002	629.002	629.002	629.064	629.002	629.033	629.002	629.002
1.0250	629.002	629.002	629.002	629.033	629.002	629.033	629.002	629.002	629.033	629.002
1.5250	629.002	629.033	629.033	629.002	629.002	629.002	629.002	629.002	629.002	629.002
2.0250	629.002	629.002	629.002	629.002	629.002	629.002	629.002	629.002	629.002	629.002
2.5250	629.002	629.002	629.002	629.002	629.002	629.002	629.033	629.002	629.002	629.033
3.0250	629.002	629.002	629.064	629.002	629.033	629.002	629.033	629.033	629.064	629.002
3.5250	629.002	629.033	629.126	629.064	629.187	629.126	629.373	629.342	629.620	629.960
4.0250	630.083	630.300	630.485	630.547	630.609	630.825	631.350	631.906	632.091	632.554
4.5250	633.511	634.006	635.117	636.136	637.185	638.512	639.839	641.659	643.973	646.562
5.0250	649.213	652.324	655.744	659.007	662.146	664.915	667.253	669.436	671.097	672.449
5.5250	673.678	674.323	675.184	675.338	676.106	676.659	676.721	676.751	676.751	676.813
6.0250	676.874	676.905	676.936	676.936	676.874	676.905	676.844	676.874	676.905	676.844
6.5250	676.813	676.782	676.751	676.782	676.813	676.782	676.844	676.905	676.782	676.751
7.0250	676.813	676.782	676.782	676.782	676.844	676.813	676.813	676.782	676.874	676.813
7.5250	676.966	676.844	676.936	676.874	676.874	677.028	677.028	677.028	676.905	676.905
8.0250	676.966	677.089	677.028	677.151	677.120	677.212	677.212	677.120	677.305	677.212
8.5250	677.366	677.489	677.304	677.305	677.581	677.458	677.520	677.581	677.765	677.673
9.0250	677.857	677.765	677.827	677.919	678.042	677.980	678.011	678.073	678.195	678.134
9.5250	678.042	678.165	678.073	678.042	678.103	678.042	678.103	678.165	678.165	678.134
10.0250	678.226	678.226	678.288	678.195	678.257	678.226	678.257	678.226	678.226	678.288
10.5250	678.288	678.257	678.257	678.257	678.288	678.288	678.288	678.288	678.288	678.288
11.0250	678.288	678.288	678.288	678.288	678.288	678.288	678.288	678.288	678.288	678.288
11.5250	678.288	678.288	678.318	678.288	678.318	678.349	678.318	678.288	678.288	678.318
12.0250	678.349	678.349	678.380	678.411	678.380	678.472	678.441	678.380	678.564	678.472
12.5250	678.472	678.472	678.595	678.779	678.595	678.472	678.595	678.687	678.779	678.902
13.0250	678.933	679.148	679.087	679.210	678.933	679.332	679.332	679.332	679.455	679.333
13.5250	679.486	679.486	679.578	679.578	679.670	679.548	679.609	679.701	679.670	679.763
14.0250	679.793	679.732	679.793	679.793	679.793	679.793	679.824	679.824	679.824	679.824
14.5250	679.824	679.824	679.824	679.793	679.824	679.824	679.824	679.824	679.824	679.824
15.0250	679.824	679.824	679.824	679.855	679.824	679.824	679.824	679.824	679.855	679.824
15.5250	679.855	679.886	679.824	679.855	679.886	679.855	679.916	679.978	679.978	680.039
16.0250	680.070	680.193	680.039	680.193	680.070	680.223	680.223	680.[illegible]	680.377	680.438
16.5250	680.469	680.561	680.469	680.715	680.684	680.899	680.868	680.868	681.052	681.114
17.0250	681.022	681.083	681.114	681.114	681.175	681.267	681.206	681.298	681.267	681.298
17.5250	681.298	681.359	681.328	681.328	681.328	681.359	681.359	681.328	681.359	681.359
18.0250	681.359	681.359	681.359	681.390	681.359	681.359	681.359	681.359	681.390	681.390
18.5250	681.359	681.421	681.451	681.359	681.421	681.451	681.390	681.359	681.482	681.451
19.0250	681.482	681.421	681.513	681.574	681.636	681.728	681.666	681.820	681.666	681.881
19.5250	681.820	681.943	682.004	682.066	682.250	682.373	682.434	682.434	682.649	682.711
20.0250	682.557	682.711	682.711	682.772	682.741	682.833	682.895	682.895	682.833	682.895
20.5250	682.895	682.864	682.895	682.864	682.895	682.895	682.926	682.895	682.895	682.926
21.0250	682.895	682.926	682.926	682.895	682.956	682.956	682.956	683.018	683.079	683.140
21.5250	683.140	683.140	683.325	683.294	683.386	683.325	683.509	683.447	683.816	683.785
22.0250	683.877	684.000	684.123	683.939	684.061	683.846	683.939	683.785	683.601	683.662
22.5250	683.816	683.877	683.785	684.031	683.969	684.031	684.246	684.184	684.399	684.246
23.0250	684.430	684.368	684.399	684.368	684.399	684.430	684.430	684.430	684.430	684.430
23.5250	684.461	684.461	684.461	684.430	684.461	684.553	684.583	684.522	684.522	684.706
24.0250	684.768	684.798	684.860	685.013	684.952	684.982	685.105	685.351	685.412	685.474
24.5250	685.535	685.596	685.689	685.627	685.719	685.689	685.873	685.811	685.965	685.934

TEST M3 HEAT BALANCE TRANSIENT 2598 (50 ms Averaged) TC2 K RECORD = 34

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0250	685.965	685.934	685.934	685.965	685.965	685.965	685.965	685.965	685.965	685.965
25.5250	685.965	686.026	685.996	685.965	686.057	686.026	686.088	686.118	686.241	686.211
26.0250	686.241	686.180	685.504	682.833	678.257	672.450	666.422	660.669	655.559	650.969
26.5250	647.703	644.928	642.523	640.302	639.716	638.512	637.926	636.938	636.722	636.722
27.0250	636.691	636.568	636.445	635.951	635.951	635.704	635.735	635.704	635.550	635.488
27.5250	635.426	635.457	635.550	635.519	635.457	635.457	635.334	635.334	635.303	635.488
28.0250	635.519	635.488	635.642	635.580	635.426	635.364	635.457	635.519	635.673	635.488
28.5250	635.642	635.642	635.673	635.704	635.735	635.704	635.951	635.797	636.105	635.889
29.0250	636.136	636.167	636.229	636.167	636.414	636.259	636.414	636.475	636.445	636.661
29.5250	636.630	636.661	636.630	636.661	636.661	636.722	636.691	636.722	636.722	636.661
30.0250	636.722	636.722	636.722	636.753	636.722	636.722	636.753	636.753	636.722	636.722
30.5250	636.753	636.753	636.753	636.753	636.815	636.877	636.938	637.031	637.062	637.185
31.0250	637.309	637.185	637.247	637.339	637.216	637.617	637.679	637.648	637.895	637.741
31.5250	638.049	637.957	637.987	638.173	638.111	638.080	638.234	638.173	638.234	638.265
32.0250	638.265	638.265	638.265	638.265	638.296	638.265	638.327	638.265	638.327	638.389
32.5250	638.450	638.481	638.420	638.512	638.666	638.944	638.882	639.160	639.253	639.253
33.0250	639.376	639.438	639.469	639.623	639.623	639.623	639.716	639.777	639.746	639.777
33.5250	639.777	639.808	639.808	639.808	639.808	639.808	639.808	639.808	639.808	639.808
34.0250	639.808	639.808	639.808	639.777	639.777	639.746	639.746	639.839	639.963	639.932
34.5250	639.870	639.963	640.055	640.179	640.148	640.179	640.580	640.549	640.456	640.487
35.0250	640.796	640.827	640.950	641.135	641.259	641.413	641.474	641.474	641.536	641.659
35.5250	641.629	641.999	641.814	642.153	642.122	642.214	642.461	642.708	642.554	642.708
36.0250	642.800	642.862	642.893	642.893	642.862	642.893	642.893	642.893	642.893	642.893
36.5250	642.893	642.893	642.893	642.893	642.893	642.893	642.954	642.924	642.985	643.047
37.0250	643.263	643.201	643.109	643.541	643.541	643.541	643.818	644.003	644.157	644.188
37.5250	644.250	644.281	644.373	644.373	644.404	644.404	644.435	644.435	644.435	644.435
38.0250	644.435	644.435	644.466	644.435	644.435	644.435	644.528	644.466	644.620	644.558
38.5250	644.836	644.897	645.113	645.144	645.206	645.360	645.668	645.545	645.545	645.822
39.0250	645.760	645.945	645.945	645.976	645.915	645.976	645.976	645.976	645.945	645.976
39.5250	645.976	646.007	645.976	646.100	646.007	645.976	646.069	646.099	646.161	646.223
40.0250	646.223	646.223	646.223	646.223	646.223	646.223	646.223	646.223	646.223	646.223
40.5250	646.223	646.223	646.223	646.223	646.223	646.223	646.223	646.223	646.223	646.223
41.0250	646.223	646.223	646.223	646.223	646.223	646.223	646.223	646.223	646.223	646.223
41.5250	646.223	646.223	646.223	646.223	646.223	646.223	646.223	646.223	646.223	646.223
42.0250	646.223	646.223	646.223	646.223	646.223	646.223	646.223	646.223	646.223	646.223
42.5250	646.223	646.223	646.223	646.223	646.223	646.223	646.223	646.223	646.223	646.223
43.0250	646.223	646.223	646.223	646.223	646.223	646.223	646.223	646.223	646.223	646.223
43.5250	646.223	646.223	646.223	646.223	646.223	646.223	646.223	646.223	646.223	646.223
44.0250	646.223	646.223	646.223	646.223	646.223	646.223	646.223	646.223	646.223	646.223
44.5250	646.223	646.223	646.223	646.223	646.223	646.223	646.223	646.223	646.223	646.223
45.0250	646.223	646.223	646.223	646.223	646.223	646.223	646.223	646.223	646.223	646.223
45.5250	646.223	646.223	646.223	646.223	646.223	646.223	646.223	646.223	646.223	646.223
46.0250	646.223	646.223	646.223	646.223	646.223	646.223	646.223	646.223	646.223	646.223
46.5250	646.223	646.223	646.223	646.223	646.223	646.223	646.223	646.223	646.223	646.223
47.0250	646.223	646.223	646.223	646.223	646.223	646.223	646.223	646.223	646.223	646.223
47.5250	646.223	646.223	646.223	646.223	646.223	646.223	646.223	646.223	646.223	646.223
48.0250	646.223	646.223	646.223	646.223	646.223	646.223	646.223	646.223	646.223	646.223
48.5250	646.223	646.223	646.223	646.223	646.223	646.223	646.223	646.223	646.223	646.223
49.0250	646.223	646.223	646.223	646.223	646.223	646.223	646.223	646.223	646.223	646.223
49.5250	646.223	646.223	646.223	646.223	646.223	646.223	646.223	646.223	646.223	646.223

TEST M3 HEAT BALANCE TRANSIENT 2598 (50 ms Averaged) TC3 K RECORD = 35

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	629.143	629.143	629.112	629.143	629.174	629.143	629.143	629.143	629.143	629.143
0.5250	629.143	629.112	629.143	629.143	629.143	629.143	629.174	629.143	629.143	629.143
1.0250	629.143	629.143	629.143	629.143	629.174	629.143	629.174	629.143	629.143	629.143
1.5250	629.112	629.143	629.143	629.143	629.112	629.143	629.174	629.143	629.143	629.143
2.0250	629.143	629.143	629.143	629.143	629.143	629.143	629.143	629.143	629.143	629.143
2.5250	629.112	629.112	629.143	629.143	629.143	629.143	629.112	629.143	629.143	629.143
3.0250	629.143	629.143	629.112	629.143	629.174	629.174	629.143	629.174	629.143	629.143
3.5250	629.174	629.235	629.143	629.174	629.235	629.421	629.483	629.452	629.792	629.977
4.0250	630.255	630.533	630.657	630.688	630.719	631.213	631.769	632.233	632.356	633.469
4.5250	633.870	635.045	635.817	637.021	638.349	639.738	641.373	643.688	646.125	648.839
5.0250	651.861	655.620	659.439	663.473	667.104	670.734	673.872	676.885	679.405	681.280
5.5250	683.124	684.689	686.010	686.809	687.639	688.038	688.835	689.173	689.204	689.357
6.0250	689.388	689.572	689.633	689.603	689.726	689.726	689.541	689.419	689.419	689.541
6.5250	689.633	689.449	689.541	689.326	689.480	689.357	689.480	689.326	689.449	689.541
7.0250	689.480	689.511	689.572	689.326	689.419	689.633	689.419	689.511	689.541	689.419
7.5250	689.664	689.541	689.541	689.572	689.480	689.511	689.664	689.603	689.695	689.633
8.0250	689.756	689.756	689.726	689.971	689.787	689.787	689.971	689.910	690.033	690.125
8.5250	689.940	690.247	690.063	690.094	690.247	690.247	690.247	690.247	690.462	690.462
9.0250	690.493	690.493	690.585	690.585	690.524	690.555	690.524	690.677	690.524	690.493
9.5250	690.585	690.616	690.647	690.677	690.677	690.677	690.677	690.677	690.739	690.708
10.0250	690.831	690.739	690.739	690.739	690.800	690.769	690.831	690.800	690.892	690.831
10.5250	690.769	690.892	690.831	691.046	691.015	691.046	691.046	690.954	691.076	691.199
11.0250	691.107	690.984	691.046	691.046	691.046	691.169	691.138	691.199	691.383	691.261
11.5250	691.353	691.414	691.353	691.568	691.690	691.813	691.629	691.598	691.660	691.752
12.0250	692.059	691.844	691.967	691.936	692.059	692.090	692.090	692.059	692.120	692.182
12.5250	692.120	692.212	692.243	692.274	692.243	692.243	692.243	692.274	692.212	692.243
13.0250	692.274	692.274	692.274	692.305	692.274	692.274	692.274	692.274	692.274	692.274
13.5250	692.305	692.305	692.305	692.335	692.274	692.427	692.366	692.366	692.366	692.366
14.0250	692.397	692.366	692.519	692.642	692.704	692.704	692.612	692.796	692.826	692.765
14.5250	692.796	692.949	692.857	693.041	693.133	693.410	693.379	693.287	693.379	693.410
15.0250	693.532	693.625	693.502	693.655	693.594	693.655	693.717	693.563	693.655	693.778
15.5250	693.778	693.717	693.686	693.778	693.717	693.778	693.809	693.778	693.809	693.809
16.0250	693.870	693.809	693.809	693.870	693.870	693.901	693.870	693.993	693.901	693.870
16.5250	693.932	693.901	693.932	694.146	694.146	694.116	694.331	694.177	694.239	694.392
17.0250	694.423	694.484	694.576	694.515	694.576	694.668	694.638	694.822	694.914	694.730
17.5250	694.822	694.791	694.945	694.914	694.975	695.190	695.129	695.129	695.160	695.190
18.0250	695.221	695.313	695.282	695.313	695.344	695.344	695.313	695.344	695.344	695.313
18.5250	695.344	695.344	695.375	695.375	695.405	695.436	695.436	695.405	695.497	695.405
19.0250	695.589	695.467	695.528	695.620	695.774	695.774	695.743	695.743	695.774	695.774
19.5250	696.019	696.050	696.295	696.203	696.234	696.326	696.326	696.418	696.510	696.602
20.0250	696.571	696.694	696.694	696.786	696.786	696.817	696.817	696.878	696.878	696.878
20.5250	696.909	696.878	696.878	696.909	696.940	696.970	697.001	697.032	696.940	696.970
21.0250	697.124	697.154	697.154	697.369	697.216	697.308	697.461	697.461	697.584	697.522
21.5250	697.706	697.307	697.461	697.491	697.307	697.215	697.461	697.399	698.259	698.013
22.0250	698.044	698.351	698.320	698.351	698.351	698.320	698.320	698.351	698.259	698.320
22.5250	698.320	698.320	698.320	698.289	698.381	698.381	698.381	698.351	698.412	698.412
23.0250	698.412	698.412	698.412	698.412	698.412	698.443	698.412	698.473	698.443	698.473
23.5250	698.504	698.443	698.504	698.535	698.504	698.596	698.657	698.565	699.025	698.719
24.0250	698.934	698.872	699.271	699.210	699.486	699.271	699.271	699.486	699.486	699.578
24.5250	699.700	699.700	699.731	699.823	699.854	699.884	699.946	699.915	699.884	699.915

TEST M3 HEAT BALANCE TRANSIENT 2598 (50 ms Averaged) TC3 K RECORD = 36

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0250	699.946	699.946	699.915	700.007	700.038	699.946	700.007	700.007	700.130	700.222
25.5250	700.252	700.467	700.406	700.498	700.620	700.712	700.651	700.866	700.866	701.019
26.0250	701.142	701.111	699.670	697.062	692.458	686.717	680.388	673.841	667.843	662.088
26.5250	657.161	653.001	649.518	646.742	644.151	642.577	640.694	639.923	639.028	638.287
27.0250	637.793	637.207	636.929	636.867	636.867	636.805	636.713	636.744	636.497	636.342
27.5250	636.558	636.404	636.404	636.404	636.249	636.249	636.249	636.157	636.157	636.188
28.0250	636.157	636.280	636.188	636.157	636.157	636.249	636.219	636.219	636.280	636.404
28.5250	636.558	636.373	636.466	636.496	636.404	636.466	636.496	636.466	636.527	636.589
29.0250	636.620	636.682	636.713	636.589	636.713	636.744	636.774	636.805	636.836	636.805
29.5250	636.805	636.867	636.836	636.836	636.867	636.867	636.836	636.898	636.836	636.867
30.0250	636.867	636.867	636.867	636.929	636.867	636.898	636.929	636.929	636.867	636.929
30.5250	636.898	636.929	636.960	637.022	637.083	637.145	637.176	637.299	637.330	637.454
31.0250	637.484	637.515	637.639	637.577	637.824	637.762	637.824	638.009	638.040	638.009
31.5250	638.256	638.133	638.102	638.349	638.349	638.318	638.411	638.380	638.411	638.380
32.0250	638.411	638.472	638.441	638.411	638.441	638.534	638.472	638.534	638.503	638.657
32.5250	638.627	638.688	638.688	638.874	638.874	639.213	638.966	639.336	639.306	639.398
33.0250	639.306	639.522	639.583	639.614	639.861	639.861	639.768	639.923	639.923	639.923
33.5250	639.923	639.923	639.954	639.954	639.954	639.954	639.923	639.954	639.954	639.954
34.0250	639.954	639.954	639.954	639.676	639.367	638.903	638.934	639.429	639.274	639.398
34.5250	639.614	638.903	639.181	639.397	639.490	639.119	639.892	639.458	638.717	638.933
35.0250	639.273	639.736	640.478	640.200	641.281	641.311	641.466	641.589	641.527	641.743
35.5250	641.743	641.929	641.990	642.175	642.206	642.237	642.361	642.546	642.577	642.607
36.0250	642.731	642.854	642.947	643.009	643.009	643.040	643.040	643.009	643.009	643.040
36.5250	643.040	643.040	643.040	643.070	643.070	643.040	643.040	643.070	643.101	643.132
37.0250	643.101	643.194	643.441	643.256	643.472	643.595	643.812	643.843	643.935	644.120
37.5250	644.182	644.213	644.336	644.367	644.367	644.429	644.583	644.522	644.583	644.583
38.0250	644.553	644.583	644.583	644.583	644.614	644.583	644.645	644.614	644.768	644.645
38.5250	644.768	644.768	644.984	644.923	645.077	645.138	645.262	645.447	645.508	645.539
39.0250	645.539	645.847	645.878	645.878	646.032	646.063	646.094	646.094	646.125	646.125
39.5250	646.125	646.125	646.125	646.125	646.125	646.156	646.125	646.187	646.218	646.187
40.0250	646.187	646.187	646.187	646.187	646.187	646.187	646.187	646.187	646.187	646.187
40.5250	646.187	646.187	646.187	646.187	646.187	646.187	646.187	646.187	646.187	646.187
41.0250	646.187	646.187	646.187	646.187	646.187	646.187	646.187	646.187	646.187	646.187
41.5250	646.187	646.187	646.187	646.187	646.187	646.187	646.187	646.187	646.187	646.187
42.0250	646.187	646.187	646.187	646.187	646.187	646.187	646.187	646.187	646.187	646.187
42.5250	646.187	646.187	646.187	646.187	646.187	646.187	646.187	646.187	646.187	646.187
43.0250	646.187	646.187	646.187	646.187	646.187	646.187	646.187	646.187	646.187	646.187
43.5250	646.187	646.187	646.187	646.187	646.187	646.187	646.187	646.187	646.187	646.187
44.0250	646.187	646.187	646.187	646.187	646.187	646.187	646.187	646.187	646.187	646.187
44.5250	646.187	646.187	646.187	646.187	646.137	646.187	646.187	646.187	646.187	646.187
45.0250	646.187	646.187	646.187	646.187	646.187	646.187	646.187	646.187	646.187	646.187
45.5250	646.187	646.187	646.187	646.187	646.187	646.187	646.187	646.187	646.187	646.187
46.0250	646.187	646.187	646.187	646.187	646.187	646.187	646.187	646.187	646.187	646.187
46.5250	646.187	646.187	646.187	646.187	646.187	646.187	646.187	646.187	646.187	646.187
47.0250	646.187	646.187	646.187	646.187	646.187	646.187	646.187	646.187	646.187	646.187
47.5250	646.187	646.187	646.187	646.187	646.187	646.187	646.187	646.187	646.187	646.187
48.0250	646.187	646.187	646.187	646.187	646.187	646.187	646.187	646.187	646.187	646.187
48.5250	646.187	646.187	646.187	646.187	646.187	646.187	646.187	646.187	646.187	646.187
49.0250	646.187	646.187	646.187	646.187	646.187	646.187	646.187	646.187	646.187	646.187
49.5250	646.187	646.187	646.187	646.187	646.187	646.187	646.187	646.187	646.187	646.187

TEST M3 HEAT BALANCE TRANSIENT 2598 (50 ms Averaged) TC4 K RECORD = 37

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	629.227	629.196	629.350	629.196	629.165	629.227	629.289	629.227	629.289	629.258
0.5250	629.412	629.134	629.381	629.196	629.319	629.165	629.289	629.165	629.072	629.289
1.0250	629.227	629.072	629.258	629.258	629.196	629.258	629.196	629.227	629.165	629.258
1.5250	629.134	629.165	629.165	629.103	629.258	629.227	629.258	629.196	629.196	629.196
2.0250	629.165	629.258	629.196	629.289	629.227	629.227	629.134	629.072	629.165	629.258
2.5250	629.196	629.134	629.165	629.196	629.103	629.227	629.165	629.134	629.165	629.227
3.0250	629.258	629.134	629.196	629.227	629.258	629.227	629.350	629.319	629.289	629.443
3.5250	629.350	629.659	629.536	629.876	629.937	630.246	630.308	630.463	630.494	630.586
4.0250	630.617	630.648	630.617	630.741	631.266	632.008	632.162	632.317	633.336	633.707
4.5250	634.603	635.467	636.671	637.628	638.924	640.097	642.473	644.293	646.853	649.812
5.0250	653.140	656.868	660.901	665.271	669.732	674.159	678.646	682.886	686.632	690.316
5.5250	693.477	696.545	699.183	701.484	703.630	705.194	706.481	707.585	708.872	709.301
6.0250	710.312	710.588	710.588	711.017	710.895	711.508	711.845	711.845	712.029	711.968
6.5250	711.845	711.968	711.968	711.937	711.968	711.998	711.937	711.722	711.753	711.661
7.0250	711.784	711.753	711.814	711.569	711.630	711.661	711.722	711.692	711.600	711.692
7.5250	711.661	711.722	711.722	711.753	711.814	711.814	711.814	711.784	711.968	711.906
8.0250	711.845	711.906	711.937	712.060	712.029	712.029	712.090	711.998	712.090	712.121
8.5250	712.121	712.090	712.121	712.121	712.060	712.121	712.121	712.121	712.121	712.121
9.0250	712.121	712.121	712.121	712.121	712.121	712.121	712.152	712.121	712.182	712.121
9.5250	712.152	712.182	712.152	712.152	712.121	712.182	712.213	712.274	712.244	712.244
10.0250	712.274	712.305	712.305	712.519	712.427	712.581	712.734	712.795	712.672	712.948
10.5250	713.040	713.132	713.101	713.193	713.316	713.377	713.469	713.469	713.530	713.622
11.0250	713.561	713.622	713.622	713.530	713.622	713.653	713.622	713.653	713.622	713.653
11.5250	713.653	713.653	713.653	713.653	713.653	713.653	713.653	713.653	713.653	713.653
12.0250	713.683	713.653	713.653	713.683	713.775	713.683	713.714	713.745	713.836	713.714
12.5250	713.867	714.020	714.112	714.081	714.143	714.326	714.296	714.449	714.694	714.479
13.0250	714.633	714.755	714.816	714.908	715.031	715.092	715.061	715.184	715.153	715.184
13.5250	715.184	715.184	715.184	715.184	715.184	715.184	715.184	715.214	715.184	715.214
14.0250	715.214	715.214	715.276	715.184	715.306	715.429	715.429	715.460	715.674	715.429
14.5250	715.674	715.858	715.827	715.858	716.042	716.226	716.134	716.256	716.440	716.379
15.0250	716.502	716.532	716.686	716.624	716.716	716.686	716.716	716.716	716.686	716.716
15.5250	716.716	716.686	716.716	716.716	716.716	716.716	716.716	716.716	716.716	716.716
16.0250	716.716	716.747	716.716	716.716	716.808	716.808	716.839	716.839	716.839	716.900
16.5250	716.961	717.114	717.114	717.206	717.390	717.390	717.605	717.482	717.696	717.880
17.0250	717.911	717.942	717.911	718.064	718.125	718.064	718.095	718.217	718.217	718.156
17.5250	718.187	718.217	718.248	718.248	718.248	718.248	718.248	718.248	718.278	718.248
18.0250	718.248	718.248	718.278	718.278	718.278	718.370	718.432	718.370	718.401	718.646
18.5250	718.523	718.554	718.891	719.044	718.952	719.044	719.228	719.228	719.228	719.412
19.0250	719.473	719.565	719.657	719.687	719.657	719.687	719.656	719.748	719.779	719.748
19.5250	719.779	719.779	719.779	719.779	719.779	719.779	719.779	719.779	719.779	719.810
20.0250	719.840	719.871	719.840	719.963	719.901	720.116	720.177	720.361	720.391	720.667
20.5250	720.667	720.912	720.851	721.065	721.004	721.126	721.188	721.279	721.218	721.310
21.0250	721.310	721.310	721.310	721.310	721.310	721.310	721.310	721.371	721.310	721.310
21.5250	721.371	721.096	721.034	721.157	721.065	721.034	721.249	721.065	721.800	721.769
22.0250	721.800	722.321	722.412	722.412	722.382	722.321	722.474	722.412	722.412	722.412
22.5250	722.351	722.412	722.229	722.412	722.351	722.504	722.535	722.627	722.719	722.688
23.0250	722.811	722.780	722.841	722.841	722.841	722.811	722.841	722.841	722.841	722.841
23.5250	722.841	722.841	722.841	722.841	722.841	722.841	722.872	722.841	722.841	722.841
24.0250	722.902	722.933	723.086	722.964	723.117	723.392	723.545	723.576	723.729	723.729
24.5250	723.974	723.943	724.096	724.280	724.188	724.280	724.280	724.372	724.372	724.372

TEST M3 HEAT BALANCE TRANSIENT 2598 (50 ms Averaged) TC4 K RECORD = 38

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0250	724.372	724.372	724.372	724.372	724.372	724.402	724.372	724.402	724.433	724.525
25.5250	724.555	724.586	724.555	724.800	725.015	725.137	725.168	725.321	725.535	725.719
26.0250	725.596	725.505	724.494	722.596	719.105	714.480	709.056	702.925	696.484	690.163
26.5250	683.807	677.602	671.669	666.502	661.794	657.514	653.941	650.675	648.210	645.989
27.0250	644.201	642.843	641.300	639.943	639.881	639.356	638.677	638.338	638.338	638.245
27.5250	638.091	637.751	637.844	637.412	637.258	637.103	637.041	636.918	636.856	636.918
28.0250	636.794	636.856	636.887	636.825	636.856	636.825	636.887	636.825	636.887	636.856
28.5250	636.918	636.887	636.856	636.918	636.949	636.980	636.980	636.949	636.794	636.856
29.0250	636.918	636.918	636.949	636.980	636.980	637.103	637.103	637.103	637.134	637.196
29.5250	637.288	637.196	637.350	637.288	637.566	637.566	637.690	637.628	637.504	637.659
30.0250	637.906	637.906	637.906	637.906	637.998	638.029	638.153	638.184	638.184	638.214
30.5250	638.307	638.184	638.276	638.307	638.338	638.338	638.307	638.338	638.338	638.338
31.0250	638.338	638.338	638.338	638.338	638.338	638.338	638.338	638.338	638.369	638.461
31.5250	638.400	638.369	638.461	638.461	638.585	638.647	638.585	638.770	638.647	638.893
32.0250	638.955	639.140	639.233	639.233	639.480	639.511	639.511	639.696	639.788	639.819
32.5250	639.819	639.850	639.850	639.819	639.881	639.850	639.881	639.850	639.881	639.881
33.0250	639.850	639.881	639.881	639.881	639.881	639.881	639.881	639.881	639.881	639.881
33.5250	639.912	639.881	639.881	639.973	639.973	639.973	639.943	640.035	640.035	640.066
34.0250	640.159	640.190	640.313	640.097	640.220	640.097	640.189	640.529	640.498	640.621
34.5250	640.930	640.344	640.652	640.745	640.652	640.683	641.239	640.745	640.405	640.405
35.0250	640.405	640.991	641.485	641.424	642.504	642.442	642.781	642.781	642.843	642.874
35.5250	642.905	642.935	642.966	642.966	642.935	642.966	642.966	642.966	642.966	642.966
36.0250	642.966	642.966	642.966	642.966	642.966	642.966	642.966	642.966	642.997	642.966
36.5250	643.090	643.244	643.182	643.306	643.398	643.769	643.892	643.800	643.954	644.139
37.0250	644.293	644.232	644.417	644.448	644.478	644.478	644.509	644.478	644.509	644.478
37.5250	644.509	644.509	644.509	644.540	644.509	644.509	644.509	644.509	644.540	644.509
38.0250	644.663	644.602	644.756	645.003	645.126	645.095	645.188	645.558	645.743	645.681
38.5250	645.804	645.958	645.989	646.051	646.051	646.051	646.051	646.051	646.051	646.082
39.0250	646.051	646.051	646.051	646.051	646.051	646.051	646.051	646.051	646.051	646.113
39.5250	646.143	646.298	646.236	646.514	646.637	646.884	647.069	647.100	647.347	647.347
40.0250	647.347	647.347	647.347	647.347	647.347	647.347	647.347	647.347	647.347	647.347
40.5250	647.347	647.347	647.347	647.347	647.347	647.347	647.347	647.347	647.347	647.347
41.0250	647.347	647.347	647.347	647.347	647.347	647.347	647.347	647.347	647.347	647.347
41.5250	647.347	647.347	647.347	647.347	647.347	647.347	647.347	647.347	647.347	647.347
42.0250	647.347	647.347	647.347	647.347	647.347	647.347	647.347	647.347	647.347	647.347
42.5250	647.347	647.347	647.347	647.347	647.347	647.347	647.347	647.347	647.347	647.347
43.0250	647.347	647.347	647.347	647.347	647.347	647.347	647.347	647.347	647.347	647.347
43.5250	647.347	647.347	647.347	647.347	647.347	647.347	647.347	647.347	647.347	647.347
44.0250	647.347	647.347	647.347	647.347	647.347	647.347	647.347	647.347	647.347	647.347
44.5250	647.347	647.347	647.347	647.347	647.347	647.347	647.347	647.347	647.347	647.347
45.0250	647.347	647.347	647.347	647.347	647.347	647.347	647.347	647.347	647.347	647.347
45.5250	647.347	647.347	647.347	647.347	647.347	647.347	647.347	647.347	647.347	647.347
46.0250	647.347	647.347	647.347	647.347	647.347	647.347	647.347	647.347	647.347	647.347
46.5250	647.347	647.347	647.347	647.347	647.347	647.347	647.347	647.347	647.347	647.347
47.0250	647.347	647.347	647.347	647.347	647.347	647.347	647.347	647.347	647.347	647.347
47.5250	647.347	647.347	647.347	647.347	647.347	647.347	647.347	647.347	647.347	647.347
48.0250	647.347	647.347	647.347	647.347	647.347	647.347	647.347	647.347	647.347	647.347
48.5250	647.347	647.347	647.347	647.347	647.347	647.347	647.347	647.347	647.347	647.347
49.0250	647.347	647.347	647.347	647.347	647.347	647.347	647.347	647.347	647.347	647.347
49.5250	647.347	647.347	647.347	647.347	647.347	647.347	647.347	647.347	647.347	647.347

TEST M3 HEAT BALANCE TRANSIENT 2598 (50 ms Averaged) TC5 K RECORD = 39

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	629.045	629.045	629.076	629.045	629.014	629.045	629.045	629.045	629.045	629.045
0.5250	629.014	629.014	629.045	629.045	629.045	629.045	629.045	629.045	629.045	629.045
1.0250	629.045	629.045	629.045	629.045	629.045	629.107	629.045	629.014	629.045	629.045
1.5250	629.045	629.014	629.045	629.045	629.045	629.045	629.045	629.045	629.045	629.045
2.0250	629.045	629.045	629.045	629.045	629.045	629.045	629.045	629.014	629.045	629.076
2.5250	629.014	629.014	629.076	629.045	629.045	629.045	629.076	629.014	629.045	629.045
3.0250	629.045	629.014	629.045	629.045	629.045	629.045	629.045	629.045	629.045	629.045
3.5250	629.076	629.076	629.138	629.231	629.292	629.292	629.385	629.509	629.757	629.973
4.0250	630.468	630.499	630.561	630.592	630.870	631.520	632.046	632.355	633.127	633.807
4.5250	634.611	635.569	636.682	637.980	639.309	640.729	643.262	645.422	648.263	651.194
5.0250	654.987	658.933	663.462	668.175	673.038	678.300	683.128	687.646	692.101	696.032
5.5250	699.933	703.370	706.469	709.261	711.624	713.586	715.580	717.021	718.247	719.535
6.0250	720.271	721.222	721.467	722.233	722.845	722.907	722.907	722.937	722.907	722.907
6.5250	722.968	722.937	722.999	722.999	722.907	722.937	722.937	722.999	722.907	722.907
7.0250	722.937	722.907	722.937	722.937	722.723	722.294	721.927	721.743	721.559	721.467
7.5250	721.559	721.681	721.528	721.559	721.467	721.467	721.498	721.375	721.436	721.375
8.0250	721.436	721.406	721.375	721.375	721.406	721.406	721.467	721.375	721.467	721.406
8.5250	721.406	721.406	721.436	721.436	721.498	721.467	721.436	721.467	721.498	721.467
9.0250	721.528	721.436	721.559	721.589	721.620	721.498	721.743	721.804	721.651	721.926
9.5250	721.896	721.865	721.865	721.804	721.957	722.018	722.018	722.018	722.263	722.233
10.0250	722.202	722.325	722.325	722.355	722.386	722.417	722.539	722.662	722.570	722.692
10.5250	722.631	722.784	722.815	722.754	722.845	722.784	722.845	722.815	722.876	722.876
11.0250	722.907	722.845	722.876	722.876	722.845	722.815	722.876	722.907	722.907	722.907
11.5250	722.907	722.907	722.907	722.907	722.937	722.907	722.907	722.907	722.907	722.907
12.0250	722.907	722.907	722.937	722.999	722.968	722.999	722.968	723.029	723.060	723.091
12.5250	723.091	723.183	723.213	723.152	723.152	723.367	723.428	723.581	723.520	723.459
13.0250	723.581	723.704	723.827	723.949	723.980	723.949	723.888	724.041	724.133	724.225
13.5250	724.317	724.379	724.379	724.409	724.348	724.440	724.409	724.409	724.379	724.440
14.0250	724.440	724.440	724.409	724.409	724.440	724.501	724.440	724.440	724.440	724.471
14.5250	724.501	724.471	724.624	724.471	724.563	724.746	724.838	724.838	724.777	724.777
15.0250	724.930	724.991	725.053	725.421	725.328	725.451	725.635	725.604	725.604	725.727
15.5250	725.788	725.696	725.666	725.727	725.635	725.696	725.727	725.819	725.819	725.942
16.0250	725.942	725.972	725.972	725.972	725.942	726.003	725.972	725.972	726.064	725.972
16.5250	725.972	726.003	726.003	726.034	726.064	726.064	726.156	726.248	726.248	726.371
17.0250	726.493	726.432	726.677	726.799	726.769	727.106	726.983	726.861	726.953	726.983
17.5250	727.075	727.198	727.167	727.351	727.259	727.320	727.412	727.351	727.473	727.473
18.0250	727.504	727.473	727.473	727.504	727.504	727.535	727.535	727.535	727.504	727.535
18.5250	727.504	727.565	727.535	727.565	727.535	727.749	727.718	727.626	727.871	727.810
19.0250	727.902	728.025	728.025	728.117	728.239	728.270	728.362	728.484	728.515	728.607
19.5250	728.729	728.852	728.913	728.791	728.821	728.974	728.974	729.036	729.036	728.974
20.0250	729.036	729.066	729.066	729.036	729.036	729.036	729.066	729.097	729.128	729.097
20.5250	729.036	729.036	729.219	729.219	729.189	729.373	729.250	729.403	729.649	729.648
21.0250	729.679	729.587	729.741	729.802	729.986	730.108	730.016	730.323	730.323	730.384
21.5250	730.476	730.108	730.139	730.047	729.955	729.986	730.139	729.955	730.445	730.292
22.0250	730.476	730.568	730.599	730.599	730.660	730.629	730.660	730.660	730.568	730.752
22.5250	730.568	730.599	730.629	730.629	730.568	730.660	730.752	730.813	730.783	730.813
23.0250	730.752	730.936	730.874	731.028	730.997	731.120	731.273	731.518	731.457	731.518
23.5250	731.548	731.732	731.885	731.947	731.885	731.885	732.039	732.069	732.100	732.069
24.0250	732.100	732.100	732.131	732.131	732.100	732.100	732.253	732.223	732.222	732.406
24.5250	732.652	732.529	732.468	732.498	732.866	732.774	732.958	733.019	733.081	733.295

TEST M3 HEAT BALANCE TRANSIENT 2598 (50 ms Averaged) TC5 K RECORD = 40

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0250	733.265	733.387	733.510	733.540	733.571	733.632	733.602	733.632	733.663	733.632
25.5250	733.694	733.663	733.663	733.755	733.785	733.969	733.847	734.091	734.153	734.214
26.0250	734.367	734.214	733.234	730.690	726.585	721.129	715.028	708.249	701.467	694.343
26.5250	687.277	680.883	674.762	669.313	664.202	659.796	655.696	652.459	649.775	647.275
27.0250	645.330	643.694	642.768	641.162	639.958	639.865	639.525	638.722	638.475	638.289
27.5250	638.289	638.166	637.980	637.857	637.486	637.579	637.270	637.146	637.115	636.992
28.0250	636.899	636.992	636.899	636.930	636.868	636.961	636.837	636.837	636.899	636.806
28.5250	636.930	636.899	636.930	636.837	636.837	636.806	636.806	636.899	636.930	636.837
29.0250	636.961	636.837	637.022	636.837	636.930	636.868	636.806	636.868	636.899	636.992
29.5250	636.899	636.899	637.084	637.115	637.115	637.115	637.084	637.053	637.115	637.362
30.0250	637.362	637.486	637.331	637.455	637.733	637.579	637.486	637.640	637.980	637.517
30.5250	637.888	637.733	638.042	637.919	638.073	638.073	638.073	638.135	638.197	638.166
31.0250	638.104	638.258	638.227	638.258	638.289	638.320	638.320	638.258	638.320	638.320
31.5250	638.320	638.320	638.320	638.320	638.351	638.351	638.413	638.444	638.567	638.444
32.0250	638.413	638.506	638.629	638.660	638.567	638.845	638.938	638.815	638.876	639.185
32.5250	638.907	639.154	639.402	639.494	639.371	639.494	639.680	639.587	639.803	639.773
33.0250	639.773	639.834	639.711	639.865	639.803	639.834	639.834	639.865	639.865	639.865
33.5250	639.865	639.865	639.865	639.865	639.865	639.865	639.865	639.865	639.865	639.958
34.0250	639.865	639.896	639.958	639.741	639.587	639.401	639.587	639.741	639.680	639.834
34.5250	639.896	639.895	639.895	640.204	640.266	640.112	640.760	640.173	639.956	639.709
35.0250	640.080	640.482	640.976	640.914	641.625	641.563	641.563	641.718	641.841	641.903
35.5250	642.119	642.119	642.335	642.459	642.428	642.613	642.675	642.768	642.768	642.891
36.0250	642.953	642.953	642.953	642.953	642.953	642.953	642.953	642.953	642.953	642.953
36.5250	642.953	642.953	642.984	642.984	642.984	642.984	643.015	643.107	643.138	643.169
37.0250	643.169	643.447	643.447	643.601	643.509	643.910	643.972	644.034	644.064	644.250
37.5250	644.281	644.404	644.435	644.497	644.466	644.466	644.497	644.497	644.497	644.497
38.0250	644.497	644.497	644.497	644.497	644.620	644.527	644.527	644.651	644.743	644.682
38.5250	644.898	644.805	644.929	644.929	645.145	645.237	645.453	645.638	645.638	645.669
39.0250	645.793	645.885	645.978	645.978	646.040	646.040	646.009	646.040	646.040	646.070
39.5250	646.040	646.070	646.040	646.070	646.040	646.163	646.070	646.132	646.163	646.225
40.0250	646.225	646.225	646.225	646.225	646.225	646.225	646.225	646.225	646.225	646.225
40.5250	646.225	646.225	646.225	646.225	646.225	646.225	646.225	646.225	646.225	646.225
41.0250	646.225	646.225	646.225	646.225	646.225	646.225	646.225	646.225	646.225	646.225
41.5250	646.225	646.225	646.225	646.225	646.225	646.225	646.225	646.225	646.225	646.225
42.0250	646.225	646.225	646.225	646.225	646.225	646.225	646.225	646.225	646.225	646.225
42.5250	646.225	646.225	646.225	646.225	646.225	646.225	646.225	646.225	646.225	646.225
43.0250	646.225	646.225	646.225	646.225	646.225	646.225	646.225	646.225	646.225	646.225
43.5250	646.225	646.225	646.225	646.225	646.225	646.225	646.225	646.225	646.225	646.225
44.0250	646.225	646.225	646.225	646.225	646.225	646.225	646.225	646.225	646.225	646.225
44.5250	646.225	646.225	646.225	646.225	646.225	646.225	646.225	646.225	646.225	646.225
45.0250	646.225	646.225	646.225	646.225	646.225	646.225	646.225	646.225	646.225	646.225
45.5250	646.225	646.225	646.225	646.225	646.225	646.225	646.225	646.225	646.225	646.225
46.0250	646.225	646.225	646.225	646.225	646.225	646.225	646.225	646.225	646.225	646.225
46.5250	646.225	646.225	646.225	646.225	646.225	646.225	646.225	646.225	646.225	646.225
47.0250	646.225	646.225	646.225	646.225	646.225	646.225	646.225	646.225	646.225	646.225
47.5250	646.225	646.225	646.225	646.225	646.225	646.225	646.225	646.225	646.225	646.225
48.0250	646.225	646.225	646.225	646.225	646.225	646.225	646.225	646.225	646.225	646.225
48.5250	646.225	646.225	646.225	646.225	646.225	646.225	646.225	646.225	646.225	646.225
49.0250	646.225	646.225	646.225	646.225	646.225	646.225	646.225	646.225	646.225	646.225
49.5250	646.225	646.225	646.225	646.225	646.225	646.225	646.225	646.225	646.225	646.225

TEST M3 HEAT BALANCE TRANSIENT 2598 (50 ms Averaged) TC6 K RECORD = 41

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	629.200	629.076	629.076	629.076	629.045	629.076	629.076	629.107	629.107	629.045
0.5250	629.076	629.076	629.045	629.076	629.107	629.076	629.045	629.107	629.076	629.107
1.0250	629.045	629.076	629.045	629.076	629.045	629.107	629.076	629.076	629.045	629.045
1.5250	629.076	629.045	629.045	629.045	629.076	629.045	629.045	629.045	629.045	629.045
2.0250	629.045	629.107	629.076	629.076	629.045	629.076	629.045	629.045	629.045	629.045
2.5250	629.045	629.076	629.076	629.045	629.076	629.076	629.045	629.076	629.045	629.014
3.0250	629.076	629.076	629.076	629.045	629.107	629.045	629.076	629.045	629.107	629.107
3.5250	629.076	629.107	629.200	629.200	629.138	629.231	629.509	629.509	629.726	630.097
4.0250	630.128	630.344	630.561	630.561	630.654	630.994	631.551	631.922	632.231	632.695
4.5250	633.529	634.271	635.260	636.342	637.331	638.784	639.958	642.274	644.188	646.843
5.0250	649.806	653.014	656.436	659.858	662.939	665.680	668.113	670.053	671.869	673.285
5.5250	674.085	675.192	675.777	676.700	676.946	677.254	677.685	678.054	678.269	678.238
6.0250	678.300	678.269	678.361	678.392	678.269	678.269	678.238	678.300	678.146	678.085
6.5250	678.238	678.177	678.208	678.208	678.269	678.269	678.177	678.023	678.238	678.177
7.0250	678.177	678.146	678.084	678.054	678.023	678.238	678.146	678.361	678.208	678.300
7.5250	678.392	678.331	678.361	678.361	678.208	678.208	678.238	678.300	678.300	678.300
8.0250	678.238	678.300	678.331	678.269	678.331	678.392	678.300	678.392	678.361	678.300
8.5250	678.361	678.300	678.392	678.361	678.392	678.392	678.361	678.423	678.361	678.423
9.0250	678.392	678.423	678.392	678.392	678.392	678.392	678.454	678.454	678.423	678.423
9.5250	678.484	678.454	678.392	678.515	678.423	678.423	678.484	678.484	678.515	678.454
10.0250	678.577	678.546	678.577	678.484	678.546	678.546	678.423	678.515	678.607	678.700
10.5250	678.761	678.669	678.730	678.546	678.607	678.607	678.546	678.607	678.761	678.853
11.0250	678.976	678.915	679.007	678.976	679.161	678.976	678.946	678.884	678.915	679.130
11.5250	679.161	679.191	679.130	679.314	679.222	679.284	679.407	679.376	679.376	679.622
12.0250	679.653	679.683	679.714	679.806	679.776	679.776	679.868	679.868	679.745	679.745
12.5250	679.868	679.776	679.898	679.929	679.837	679.837	679.898	679.837	679.837	679.929
13.0250	679.929	679.929	679.898	679.898	679.929	679.929	679.898	679.929	679.929	679.929
13.5250	679.929	679.929	679.929	679.960	679.960	679.929	679.929	679.960	679.960	679.929
14.0250	679.991	679.960	679.960	680.021	680.083	679.960	679.960	679.991	680.114	679.991
14.5250	680.114	680.083	680.114	680.268	680.206	680.329	680.268	680.268	680.145	680.237
15.0250	680.329	680.391	680.391	680.483	680.452	680.637	680.852	680.698	680.760	680.729
15.5250	680.944	680.913	680.821	680.975	680.698	680.944	680.975	681.098	681.129	681.282
16.0250	681.098	681.098	681.221	681.190	681.221	681.190	681.221	681.159	681.252	681.221
16.5250	681.190	681.282	681.436	681.344	681.405	681.467	681.498	681.405	681.467	681.467
17.0250	681.375	681.467	681.498	681.498	681.559	681.559	681.467	681.590	681.559	681.528
17.5250	681.467	681.498	681.559	681.528	681.559	681.528	681.590	681.621	681.621	681.559
18.0250	681.713	681.744	681.836	681.805	681.774	681.805	681.989	682.051	681.928	682.051
18.5250	682.174	682.297	682.328	682.205	682.358	682.574	682.543	682.512	682.543	682.697
19.0250	682.697	682.789	682.850	682.758	682.820	682.789	682.635	682.912	682.789	682.881
19.5250	682.912	682.943	682.943	682.943	682.943	683.004	683.004	683.004	683.004	682.943
20.0250	683.004	683.035	683.066	683.035	683.096	683.035	683.158	683.096	683.158	683.189
20.5250	683.189	683.404	683.250	683.373	683.373	683.466	683.681	683.558	683.496	683.589
21.0250	683.650	683.650	683.742	683.835	683.989	684.112	684.173	684.204	684.327	684.389
21.5250	684.327	684.173	684.235	684.204	684.296	684.173	684.389	684.235	684.481	684.481
22.0250	684.512	684.573	684.573	684.635	684.573	684.665	684.604	684.665	684.573	684.542
22.5250	684.542	684.604	684.542	684.665	684.635	684.542	684.573	684.696	684.758	684.727
23.0250	684.727	684.850	684.758	684.911	684.911	684.942	684.880	685.003	685.280	685.218
23.5250	685.310	685.402	685.433	685.525	685.587	685.556	685.802	685.894	685.986	685.863
24.0250	686.017	686.047	685.955	686.017	686.078	686.078	685.986	686.047	685.986	686.047
24.5250	686.078	686.047	686.078	686.017	686.109	686.109	686.109	686.201	686.232	686.232

TEST M3 HEAT BALANCE TRANSIENT 2598 (50 ms Averaged) TC6 K RECORD = 42

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0250	686.263	686.140	686.447	686.324	686.508	686.570	686.539	686.693	686.478	686.816
25.5250	686.877	687.093	687.062	687.246	687.277	687.185	687.338	687.369	687.400	687.554
26.0250	687.615	687.339	685.863	682.389	677.376	671.253	665.187	659.673	654.679	650.669
26.5250	647.460	644.898	643.015	640.977	639.803	639.031	638.351	637.919	637.177	636.806
27.0250	636.775	636.775	636.682	636.559	636.435	636.126	636.126	636.095	635.940	635.909
27.5250	635.847	635.724	635.940	635.816	635.569	635.724	635.724	635.600	635.693	635.538
28.0250	635.662	635.693	635.755	635.693	635.786	635.878	635.786	635.786	635.971	635.786
28.5250	636.064	636.126	636.095	636.064	636.064	636.188	636.157	636.219	636.311	636.311
29.0250	636.311	636.373	636.404	636.528	636.466	636.497	636.713	636.590	636.652	636.682
29.5250	636.682	636.682	636.775	636.775	636.744	636.713	636.775	636.744	636.775	636.744
30.0250	636.806	636.775	636.775	636.775	636.806	636.775	636.837	636.868	636.868	636.930
30.5250	636.930	636.961	636.899	637.022	636.961	637.115	637.177	637.301	637.362	637.517
31.0250	637.517	637.671	637.764	637.888	637.733	638.011	638.042	638.011	638.073	638.073
31.5250	638.166	638.227	638.227	638.289	638.289	638.258	638.351	638.320	638.289	638.351
32.0250	638.320	638.351	638.351	638.382	638.506	638.413	638.506	638.598	638.629	638.815
32.5250	638.784	638.876	638.784	639.154	639.093	639.278	639.464	639.371	639.402	639.618
33.0250	639.587	639.711	639.618	639.742	639.834	639.773	639.742	639.803	639.834	639.865
33.5250	639.834	639.865	639.865	639.865	639.865	639.865	639.865	639.865	639.865	639.865
34.0250	639.927	639.865	639.896	639.896	639.834	639.711	639.896	640.019	639.958	640.143
34.5250	640.112	640.174	640.235	640.359	640.482	640.452	640.791	640.668	640.513	640.575
35.0250	640.637	640.853	641.131	641.285	641.501	641.718	641.810	641.996	642.026	642.088
35.5250	642.212	642.366	642.459	642.613	642.552	642.644	642.706	642.768	642.830	642.922
36.0250	642.891	642.922	642.922	642.953	642.922	642.953	642.953	642.953	642.984	642.984
36.5250	642.953	642.984	643.046	643.015	643.046	643.107	643.200	643.231	643.354	643.447
37.0250	643.601	643.694	643.694	643.848	644.003	644.188	644.126	644.250	644.281	644.219
37.5250	644.435	644.404	644.466	644.435	644.527	644.497	644.497	644.497	644.527	644.466
38.0250	644.527	644.558	644.589	644.589	644.774	644.713	644.867	644.836	645.021	645.114
38.5250	645.206	645.206	645.330	645.391	645.484	645.700	645.854	645.916	645.947	645.885
39.0250	645.978	646.009	646.009	646.040	646.040	646.040	646.040	646.009	646.040	646.070
39.5250	646.040	646.163	646.132	646.256	646.318	646.318	646.410	646.657	646.565	646.626
40.0250	646.626	646.626	646.626	646.626	646.626	646.626	646.626	646.626	646.626	646.626
40.5250	646.626	646.626	646.626	646.626	646.626	646.626	646.626	646.626	646.626	646.626
41.0250	646.626	646.626	646.626	646.626	646.626	646.626	646.626	646.626	646.626	646.626
41.5250	646.626	646.626	646.626	646.626	646.626	646.626	646.626	646.626	646.626	646.626
42.0250	646.626	646.626	646.626	646.626	646.626	646.626	646.626	646.626	646.626	646.626
42.5250	646.626	646.626	646.626	646.626	646.626	646.626	646.626	646.626	646.626	646.626
43.0250	646.626	646.626	646.626	646.626	646.626	646.626	646.626	646.626	646.626	646.626
43.5250	646.626	646.626	646.626	646.626	646.626	646.626	646.626	646.626	646.626	646.626
44.0250	646.626	646.626	646.626	646.626	646.626	646.626	646.626	646.626	646.626	646.626
44.5250	646.626	646.626	646.626	646.626	646.626	646.626	646.626	646.626	646.626	646.626
45.0250	646.626	646.626	646.626	646.626	646.626	646.626	646.626	646.626	646.626	646.626
45.5250	646.626	646.626	646.626	646.626	646.626	646.626	646.626	646.626	646.626	646.626
46.0250	646.626	646.626	646.626	646.626	646.626	646.626	646.626	646.626	646.626	646.626
46.5250	646.626	646.626	646.626	646.626	646.626	646.626	646.626	646.626	646.626	646.626
47.0250	646.626	646.626	646.626	646.626	646.626	646.626	646.626	646.626	646.626	646.626
47.5250	646.626	646.626	646.626	646.626	646.626	646.626	646.626	646.626	646.626	646.626
48.0250	646.626	646.626	646.626	646.626	646.626	646.626	646.626	646.626	646.626	646.626
48.5250	646.626	646.626	646.626	646.626	646.626	646.626	646.626	646.626	646.626	646.626
49.0250	646.626	646.626	646.626	646.626	646.626	646.626	646.626	646.626	646.626	646.626
49.5250	646.626	646.626	646.626	646.626	646.626	646.626	646.626	646.626	646.626	646.626

TEST M3 HEAT BALANCE TRANSIENT 2598 (50 ms Averaged) TC7 K RECORD = 43

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	628.935	628.935	629.028	628.904	628.935	628.904	628.935	628.904	628.935	628.904
0.5250	628.966	628.935	628.935	628.904	628.904	628.904	628.935	628.966	628.935	628.935
1.0250	628.904	628.904	628.904	628.904	628.935	628.935	628.935	628.935	628.904	628.904
1.5250	628.904	628.935	628.997	628.966	628.904	628.935	628.935	628.935	628.904	628.904
2.0250	628.904	628.904	628.904	628.935	628.904	628.904	628.935	628.935	628.966	628.935
2.5250	628.935	628.904	628.935	628.935	628.904	628.935	628.966	628.935	628.966	628.904
3.0250	628.904	628.904	628.935	628.935	628.904	628.935	628.935	628.935	628.935	628.935
3.5250	628.904	628.997	628.997	629.090	629.121	629.337	629.337	629.522	629.831	630.110
4.0250	630.326	630.419	630.450	630.450	630.728	630.820	631.747	631.964	632.242	633.263
4.5250	633.603	634.622	635.364	636.569	637.742	639.132	640.397	642.867	645.150	647.897
5.0250	650.919	654.464	658.038	661.858	665.214	668.169	670.845	672.969	674.814	676.475
5.5250	677.704	678.657	679.610	679.825	680.563	681.239	681.301	681.332	681.362	681.332
6.0250	681.424	681.516	681.485	681.332	681.332	681.424	681.332	681.455	681.424	681.455
6.5250	681.332	681.362	681.362	681.332	681.332	681.301	681.332	681.332	681.301	681.301
7.0250	681.301	681.301	681.362	681.332	681.332	681.301	681.332	681.332	681.301	681.332
7.5250	681.301	681.332	681.301	681.301	681.332	681.332	681.301	681.301	681.332	681.362
8.0250	681.393	681.393	681.424	681.424	681.362	681.485	681.424	681.393	681.362	681.393
8.5250	681.393	681.455	681.485	681.455	681.455	681.547	681.639	681.670	681.608	681.608
9.0250	681.701	681.823	681.639	681.854	681.793	681.793	682.039	681.946	682.223	682.315
9.5250	682.315	682.438	682.469	682.408	682.469	682.285	682.469	682.377	682.192	682.346
10.0250	682.531	682.684	682.746	682.654	682.838	682.838	682.777	682.777	682.838	682.777
10.5250	682.777	682.777	682.807	682.838	682.838	682.838	682.838	682.838	682.838	682.838
11.0250	682.807	682.838	682.807	682.838	682.838	682.838	682.838	682.838	682.838	682.838
11.5250	682.838	682.838	682.838	682.838	682.838	682.838	682.838	682.838	682.838	682.838
12.0250	682.838	682.869	682.838	682.838	682.930	682.869	682.869	682.869	682.899	682.961
12.5250	682.869	682.961	682.869	682.930	682.838	682.961	682.961	683.115	682.930	683.115
13.0250	683.176	683.237	683.084	683.176	683.145	683.053	683.115	683.207	683.360	683.299
13.5250	683.330	683.453	683.606	683.821	683.821	684.006	683.914	684.037	684.036	684.067
14.0250	684.129	684.159	684.159	684.344	684.375	684.344	684.313	684.375	684.344	684.344
14.5250	684.375	684.375	684.375	684.375	684.375	684.375	684.375	684.375	684.405	684.375
15.0250	684.405	684.375	684.375	684.375	684.375	684.375	684.375	684.375	684.436	684.436
15.5250	684.436	684.497	684.559	684.682	684.497	684.743	684.620	684.589	684.866	684.804
16.0250	684.897	684.651	684.805	684.835	684.866	685.050	685.112	685.173	685.112	685.112
16.5250	685.173	685.234	685.296	685.326	685.572	685.480	685.695	685.879	685.818	685.787
17.0250	685.787	685.879	685.879	685.818	685.818	685.910	685.879	685.910	685.910	685.910
17.5250	685.879	685.910	685.910	685.910	685.910	685.910	685.910	685.910	685.910	685.910
18.0250	685.910	685.910	685.910	685.941	685.910	685.910	685.941	685.941	685.910	685.910
18.5250	685.972	685.910	685.971	685.941	685.941	686.002	686.033	686.002	686.064	686.033
19.0250	686.156	686.064	686.340	686.555	686.524	686.524	686.739	686.555	686.494	686.647
19.5250	686.893	687.016	686.831	687.200	687.261	687.169	687.354	687.323	687.384	687.354
20.0250	687.354	687.323	687.384	687.415	687.415	687.446	687.446	687.446	687.446	687.446
20.5250	687.476	687.446	687.446	687.476	687.446	687.446	687.507	687.507	687.507	687.476
21.0250	687.507	687.599	687.538	687.630	687.692	688.091	687.937	688.091	688.060	688.306
21.5250	688.552	688.245	688.337	688.183	688.214	688.306	688.183	688.491	688.921	688.798
22.0250	688.767	688.982	688.921	688.982	688.921	688.951	688.921	688.921	688.951	688.951
22.5250	688.951	688.982	688.982	688.951	688.982	688.982	688.982	688.982	688.982	688.982
23.0250	688.982	688.982	688.982	688.982	688.982	689.013	689.013	688.982	688.982	689.105
23.5250	689.013	689.074	689.136	689.228	689.136	689.259	689.320	689.259	689.535	689.473
24.0250	689.504	689.719	689.719	689.719	689.965	690.118	690.302	690.425	690.486	690.486
24.5250	690.517	690.486	690.456	690.517	690.517	690.486	690.517	690.486	690.517	690.609

TEST M3 HEAT BALANCE TRANSIENT 2598 (50 ms Averaged) TC7 K RECORD = 44

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0250	690.517	690.517	690.578	690.548	690.548	690.578	690.548	690.671	690.671	690.671
25.5250	690.701	690.855	691.070	691.254	691.654	691.746	691.776	691.930	691.930	691.961
26.0250	692.022	691.469	689.842	686.248	681.116	674.906	668.538	662.474	656.991	652.553
26.5250	649.068	646.168	643.823	642.219	640.151	639.718	638.853	638.174	638.050	637.310
27.0250	636.785	636.630	636.630	636.630	636.630	636.538	636.569	636.507	636.507	636.383
27.5250	636.414	636.352	636.167	636.074	636.136	636.229	636.105	636.198	636.013	636.074
28.0250	636.105	636.198	636.229	636.167	636.136	636.352	636.445	636.229	636.352	636.260
28.5250	636.383	636.383	636.414	636.507	636.476	636.569	636.569	636.538	636.599	636.599
29.0250	636.630	636.599	636.630	636.630	636.630	636.630	636.630	636.630	636.630	636.630
29.5250	636.630	636.630	636.630	636.630	636.630	636.630	636.630	636.630	636.630	636.692
30.0250	636.630	636.661	636.661	636.661	636.692	636.754	636.723	636.877	636.877	637.093
30.5250	636.970	637.124	637.124	637.248	637.464	637.526	637.464	637.649	637.773	637.803
31.0250	637.865	637.958	638.019	638.112	638.112	638.112	638.174	638.174	638.174	638.143
31.5250	638.143	638.174	638.205	638.174	638.174	638.174	638.174	638.174	638.205	638.236
32.0250	638.267	638.390	638.421	638.421	638.606	638.421	638.637	638.730	638.853	639.471
32.5250	639.101	639.224	639.348	639.409	639.471	639.471	639.471	639.626	639.687	639.657
33.0250	639.687	639.718	639.687	639.718	639.718	639.718	639.718	639.718	639.718	639.718
33.5250	639.718	639.718	639.718	639.718	639.718	639.718	639.718	639.718	639.718	639.718
34.0250	639.749	639.811	639.811	639.626	639.564	639.471	639.625	639.872	639.841	639.996
34.5250	640.181	639.996	640.150	640.243	640.521	639.903	640.768	640.428	640.088	639.810
35.0250	640.181	640.675	641.138	641.138	641.663	641.756	642.064	642.249	642.064	642.311
35.5250	642.342	642.681	642.651	642.805	642.805	642.805	642.805	642.805	642.805	642.805
36.0250	642.805	642.805	642.805	642.805	642.805	642.805	642.805	642.805	642.805	642.805
36.5250	642.867	642.836	642.928	642.897	643.113	643.175	643.237	643.545	643.576	643.731
37.0250	643.977	644.039	644.101	644.163	644.193	644.224	644.224	644.348	644.348	644.348
37.5250	644.348	644.348	644.348	644.348	644.348	644.348	644.348	644.348	644.379	644.409
38.0250	644.409	644.409	644.656	644.502	644.718	644.625	644.780	644.996	645.243	645.243
38.5250	645.397	645.551	645.706	645.736	645.829	645.767	645.891	645.891	645.891	645.891
39.0250	645.891	645.891	645.891	645.891	645.891	645.891	645.922	645.891	645.952	645.891
39.5250	645.922	646.045	646.107	646.168	646.323	646.323	646.446	647.002	646.940	647.125
40.0250	647.125	647.125	647.125	647.125	647.125	647.125	647.125	647.125	647.125	647.125
40.5250	647.125	647.125	647.125	647.125	647.125	647.125	647.125	647.125	647.125	647.125
41.0250	647.125	647.125	647.125	647.125	647.125	647.125	647.125	647.125	647.125	647.125
41.5250	647.125	647.125	647.125	647.125	647.125	647.125	647.125	647.125	647.125	647.125
42.0250	647.125	647.125	647.125	647.125	647.125	647.125	647.125	647.125	647.125	647.125
42.5250	647.125	647.125	647.125	647.125	647.125	647.125	647.125	647.125	647.125	647.125
43.0250	647.125	647.125	647.125	647.125	647.125	647.125	647.125	647.125	647.125	647.125
43.5250	647.125	647.125	647.125	647.125	647.125	647.125	647.125	647.125	647.125	647.125
44.0250	647.125	647.125	647.125	647.125	647.125	647.125	647.125	647.125	647.125	647.125
44.5250	647.125	647.125	647.125	647.125	647.125	647.125	647.125	647.125	647.125	647.125
45.0250	647.125	647.125	647.125	647.125	647.125	647.125	647.125	647.125	647.125	647.125
45.5250	647.125	647.125	647.125	647.125	647.125	647.125	647.125	647.125	647.125	647.125
46.0250	647.125	647.125	647.125	647.125	647.125	647.125	647.125	647.125	647.125	647.125
46.5250	647.125	647.125	647.125	647.125	647.125	647.125	647.125	647.125	647.125	647.125
47.0250	647.125	647.125	647.125	647.125	647.125	647.125	647.125	647.125	647.125	647.125
47.5250	647.125	647.125	647.125	647.125	647.125	647.125	647.125	647.125	647.125	647.125
48.0250	647.125	647.125	647.125	647.125	647.125	647.125	647.125	647.125	647.125	647.125
48.5250	647.125	647.125	647.125	647.125	647.125	647.125	647.125	647.125	647.125	647.125
49.0250	647.125	647.125	647.125	647.125	647.125	647.125	647.125	647.125	647.125	647.125
49.5250	647.125	647.125	647.125	647.125	647.125	647.125	647.125	647.125	647.125	647.125

TEST M3 HEAT BALANCE TRANSIENT 2598 (50 ms Averaged) TC8 K RECORD = 45

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	629.213	629.213	629.213	629.213	629.213	629.213	629.213	629.213	629.244	629.213
0.5250	629.213	629.213	629.213	629.213	629.213	629.213	629.213	629.213	629.213	629.213
1.0250	629.213	629.213	629.213	629.213	629.244	629.213	629.213	629.213	629.244	629.213
1.5250	629.244	629.213	629.213	629.213	629.213	629.213	629.213	629.244	629.213	629.244
2.0250	629.213	629.213	629.213	629.213	629.244	629.213	629.182	629.213	629.213	629.213
2.5250	629.213	629.213	629.213	629.213	629.213	629.213	629.213	629.213	629.213	629.213
3.0250	629.244	629.213	629.213	629.213	629.213	629.244	629.213	629.213	629.213	629.244
3.5250	629.213	629.244	629.275	629.213	629.275	629.244	629.337	629.491	629.646	629.986
4.0250	630.295	630.667	630.697	630.759	630.759	631.192	631.872	632.212	632.366	633.417
4.5250	633.819	634.684	635.672	636.878	637.958	639.440	640.860	643.114	645.521	648.389
5.0250	651.319	655.018	658.870	662.720	666.446	669.646	672.845	675.214	677.674	679.488
5.5250	681.024	682.376	683.237	684.528	684.835	685.910	686.217	686.217	686.248	686.309
6.0250	686.401	686.770	686.709	687.170	686.954	686.832	686.770	686.985	686.770	686.801
6.5250	686.831	686.770	686.862	686.586	686.494	686.586	686.524	686.463	686.432	686.494
7.0250	686.524	686.586	686.494	686.432	686.494	686.555	686.524	686.616	686.494	686.463
7.5250	686.524	686.586	686.524	686.524	686.586	686.770	686.493	686.832	686.770	686.586
8.0250	686.832	686.832	686.801	686.739	686.678	686.893	686.924	686.862	687.047	686.985
8.5250	687.016	687.170	687.047	687.446	687.262	687.292	687.415	687.538	687.415	687.569
9.0250	687.569	687.631	687.661	687.600	687.508	687.477	687.477	687.569	687.600	687.569
9.5250	687.508	687.600	687.631	687.600	687.723	687.661	687.692	687.692	687.631	687.753
10.0250	687.661	687.661	687.692	687.753	687.723	687.753	687.723	687.753	687.753	687.723
10.5250	687.753	687.723	687.753	687.753	687.753	687.753	687.784	687.784	687.753	687.784
11.0250	687.753	687.753	687.784	687.784	687.784	687.753	687.846	687.784	687.784	687.784
11.5250	687.784	687.846	687.876	687.846	687.815	687.938	687.846	687.876	687.938	687.968
12.0250	687.938	687.968	688.030	688.061	688.091	687.999	688.061	688.122	688.061	688.275
12.5250	688.429	688.429	688.398	688.245	688.398	688.706	688.521	688.675	688.705	688.859
13.0250	688.859	689.013	689.043	689.105	689.043	688.951	689.074	689.074	689.135	689.135
13.5250	689.043	689.197	689.197	689.228	689.228	689.258	689.258	689.258	689.258	689.289
14.0250	689.289	689.289	689.289	689.289	689.289	689.289	689.289	689.289	689.289	689.320
14.5250	689.289	689.289	689.289	689.289	689.320	689.289	689.289	689.320	689.320	689.443
15.0250	689.350	689.381	689.412	689.473	689.320	689.535	689.350	689.657	689.596	689.657
15.5250	689.565	690.026	689.750	690.057	689.964	690.149	690.149	690.149	690.210	690.302
16.0250	690.456	690.425	690.425	690.394	690.425	690.548	690.609	690.640	690.671	690.732
16.5250	690.609	690.671	690.732	690.732	690.793	690.824	690.793	690.824	690.793	690.824
17.0250	690.824	690.824	690.916	690.886	690.855	690.824	690.855	690.886	690.824	690.886
17.5250	691.039	690.916	690.978	690.978	691.070	691.101	691.131	691.101	691.162	691.162
18.0250	691.101	691.193	691.346	691.377	691.561	691.530	691.500	691.715	691.991	691.991
18.5250	691.961	692.083	692.114	691.961	692.268	692.145	692.175	692.268	692.206	692.237
19.0250	692.360	692.298	692.329	692.329	692.329	692.360	692.329	692.360	692.329	692.360
19.5250	692.360	692.329	692.360	692.360	692.360	692.360	692.360	692.360	692.360	692.390
20.0250	692.421	692.390	692.452	692.513	692.390	692.605	692.667	692.544	692.667	692.820
20.5250	692.790	693.035	693.035	692.943	692.943	693.097	693.342	693.219	693.465	693.526
21.0250	693.649	693.680	693.741	693.803	693.833	693.833	693.864	693.895	693.833	693.895
21.5250	693.895	693.404	693.526	693.342	693.373	693.281	693.373	693.250	693.772	693.864
22.0250	693.772	694.018	694.018	693.956	693.956	693.926	693.895	693.926	693.895	693.926
22.5250	693.926	693.926	693.956	693.926	693.956	694.110	694.018	694.140	693.956	694.171
23.0250	694.140	694.294	694.110	694.417	694.570	694.754	694.785	694.908	694.847	695.184
23.5250	695.215	695.338	695.307	695.246	695.399	695.368	695.338	695.338	695.399	695.430
24.0250	695.399	695.430	695.430	695.430	695.399	695.430	695.461	695.461	695.553	695.491
24.5250	695.583	695.522	695.706	695.706	695.675	695.860	695.675	695.583	695.860	696.044

TEST M3 HEAT BALANCE TRANSIENT 2598 (50 ms Average) TCB K RECORD # 46

TIME	+ 0.0000	+ 0.0500	0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0250	696.136	696.167	696.289	696.351	696.535	696.719	696.719	696.873	696.873	696.873
25.5250	696.904	696.904	696.904	696.965	696.965	696.965	696.996	696.996	696.996	696.996
26.0250	697.118	697.026	693.921	693.066	688.398	682.653	676.475	670.323	664.537	659.302
26.5250	655.080	651.134	648.020	645.459	643.638	641.818	640.058	639.687	638.761	638.421
27.0250	637.680	637.094	636.939	636.939	636.908	636.754	636.692	636.476	636.321	636.167
27.5250	635.858	635.920	635.734	635.796	635.796	635.765	635.672	635.796	635.703	635.889
28.0250	635.672	635.765	635.765	635.703	635.827	635.827	635.827	635.858	636.043	635.981
28.5250	636.136	635.981	636.198	635.950	636.229	636.074	636.259	636.321	636.568	636.414
29.0250	636.661	636.630	636.661	636.599	636.754	636.847	636.816	636.878	636.816	636.908
29.5250	636.908	636.908	636.878	636.939	636.939	636.939	636.939	636.939	636.939	636.939
30.0250	636.939	636.939	636.939	636.939	636.939	636.970	636.970	637.001	636.970	637.125
30.5250	637.063	637.186	637.155	637.125	637.279	637.310	637.341	637.371	637.588	637.680
31.0250	637.680	637.958	637.835	637.958	638.205	638.205	638.328	638.359	638.421	638.421
31.5250	638.421	638.452	638.421	638.483	638.483	638.483	638.483	638.483	638.483	638.483
32.0250	638.514	638.545	638.575	638.637	638.606	638.730	638.637	638.761	638.823	638.761
32.5250	639.008	639.039	639.162	639.255	639.440	639.502	639.502	639.564	639.780	639.842
33.0250	639.873	639.842	640.027	639.965	639.996	639.996	639.996	640.027	640.027	640.027
33.5250	640.027	640.027	640.027	640.027	640.027	640.027	640.027	640.027	640.027	640.027
34.0250	640.027	640.058	640.120	639.935	639.718	639.564	639.595	639.811	639.842	640.027
34.5250	639.996	639.841	640.058	640.181	640.243	640.212	640.922	640.459	640.119	639.717
35.0250	639.933	640.304	640.953	641.107	641.725	641.818	641.879	642.188	642.095	642.342
35.5250	642.651	642.620	642.713	642.929	642.990	643.083	643.052	643.114	643.114	643.114
36.0250	643.114	643.114	643.114	643.114	643.114	643.114	643.114	643.114	643.114	643.145
36.5250	643.114	643.145	643.175	643.145	643.175	643.145	643.299	643.453	643.422	643.762
37.0250	643.700	643.885	643.947	644.009	644.348	644.502	644.533	644.533	644.657	644.595
37.5250	644.657	644.657	644.657	644.657	644.657	644.657	644.657	644.626	644.657	644.657
38.0250	644.718	644.657	644.688	644.718	644.718	644.718	644.965	644.996	644.934	645.181
38.5250	645.397	645.428	645.706	645.860	645.922	646.169	646.076	646.169	646.169	646.200
39.0250	646.200	646.200	646.200	646.200	646.200	646.231	646.200	646.169	646.200	646.200
39.5250	646.200	646.231	646.200	646.231	646.292	646.416	646.508	646.539	646.570	647.002
40.0250	647.002	647.002	647.002	647.002	647.002	647.002	647.002	647.002	647.002	647.002
40.5250	647.002	647.002	647.002	647.002	647.002	647.002	647.002	647.002	647.002	647.002
41.0250	647.002	647.002	647.002	647.002	647.002	647.002	647.002	647.002	647.002	647.002
41.5250	647.002	647.002	647.002	647.002	647.002	647.002	647.002	647.002	647.002	647.002
42.0250	647.002	647.002	647.002	647.002	647.002	647.002	647.002	647.002	647.002	647.002
42.5250	647.002	647.002	647.002	647.002	647.002	647.002	647.002	647.002	647.002	647.002
43.0250	647.002	647.002	647.002	647.002	647.002	647.002	647.002	647.002	647.002	647.002
43.5250	647.002	647.002	647.002	647.002	647.002	647.002	647.002	647.002	647.002	647.002
44.0250	647.002	647.002	647.002	647.002	647.002	647.002	647.002	647.002	647.002	647.002
44.5250	647.002	647.002	647.002	647.002	647.002	647.002	647.002	647.002	647.002	647.002
45.0250	647.002	647.002	647.002	647.002	647.002	647.002	647.002	647.002	647.002	647.002
45.5250	647.002	647.002	647.002	647.002	647.002	647.002	647.002	647.002	647.002	647.002
46.0250	647.002	647.002	647.002	647.002	647.002	647.002	647.002	647.002	647.002	647.002
46.5250	647.002	647.002	647.002	647.002	647.002	647.002	647.002	647.002	647.002	647.002
47.0250	647.002	647.002	647.002	647.002	647.002	647.002	647.002	647.002	647.002	647.002
47.5250	647.002	647.002	647.002	647.002	647.002	647.002	647.002	647.002	647.002	647.002
48.0250	647.002	647.002	647.002	647.002	647.002	647.002	647.002	647.002	647.002	647.002
48.5250	647.002	647.002	647.002	647.002	647.002	647.002	647.002	647.002	647.002	647.002
49.0250	647.002	647.002	647.002	647.002	647.002	647.002	647.002	647.002	647.002	647.002
49.5250	647.002	647.002	647.002	647.002	647.002	647.002	647.002	647.002	647.002	647.002

TEST M3 HEAT BALANCE TRANSIENT 2598 (50 ms Averaged) TC9 K RECORD = 47

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	628.904	628.873	628.904	628.904	628.904	628.873	628.904	628.904	628.904	628.873
0.5250	628.873	628.873	628.873	628.873	628.842	628.935	628.904	628.904	628.904	628.904
1.0250	628.842	628.873	628.842	628.904	628.904	628.904	628.904	628.842	628.842	628.842
1.5250	628.873	628.873	628.904	628.904	628.904	628.873	628.873	628.842	628.873	628.904
2.0250	628.904	628.873	628.873	628.811	628.873	628.842	628.842	628.873	628.842	628.873
2.5250	628.904	628.873	628.904	628.873	628.873	628.842	628.873	628.811	628.873	628.873
3.0250	628.904	628.811	628.904	628.904	628.904	628.904	628.904	628.873	628.904	628.904
3.5250	628.904	628.873	628.904	628.904	628.904	628.966	628.966	628.997	629.090	629.244
4.0250	629.461	630.079	630.233	630.419	630.450	630.511	631.006	631.747	632.026	632.582
4.5250	633.448	634.190	635.240	636.383	637.618	639.132	640.428	642.836	644.996	647.804
5.0250	650.826	654.403	658.254	662.320	666.661	671.092	675.306	679.303	683.268	686.678
5.5250	689.873	692.698	695.307	697.516	699.450	701.016	702.519	703.838	704.543	705.433
6.0250	705.923	706.107	706.782	707.212	707.335	707.396	707.396	707.427	707.427	707.458
6.5250	707.458	707.396	707.427	707.396	707.427	707.396	707.458	707.396	707.427	707.396
7.0250	707.396	707.396	707.458	707.396	707.396	707.396	707.366	707.396	707.427	707.396
7.5250	707.396	707.427	707.458	707.396	707.427	707.427	707.396	707.458	707.458	707.519
8.0250	707.488	707.458	707.519	707.458	707.458	707.488	707.519	707.427	707.550	707.550
8.5250	707.672	707.519	707.580	707.611	707.672	707.672	707.703	707.764	707.734	707.795
9.0250	707.795	707.917	708.040	707.917	708.102	708.194	708.163	708.132	708.316	708.408
9.5250	708.500	708.531	708.592	708.347	708.531	708.408	708.745	708.684	708.715	708.807
10.0250	708.684	708.715	708.837	708.745	708.868	708.745	708.929	708.868	708.868	708.868
10.5250	708.899	708.929	708.899	708.929	708.929	708.899	708.929	708.899	708.960	708.960
11.0250	708.929	708.991	708.960	709.052	709.021	709.052	709.113	709.205	709.236	709.052
11.5250	709.175	709.113	709.267	709.175	709.451	709.573	709.420	709.451	709.512	709.727
12.0250	709.849	709.818	709.941	710.033	710.033	710.217	710.278	710.217	710.340	710.309
12.5250	710.309	710.217	710.401	710.370	710.462	710.370	710.432	710.432	710.462	710.462
13.0250	710.462	710.432	710.462	710.462	710.462	710.462	710.462	710.462	710.462	710.493
13.5250	710.493	710.462	710.462	710.462	710.524	710.554	710.554	710.616	710.554	710.554
14.0250	710.616	710.707	710.769	710.769	710.708	710.891	711.014	711.045	711.075	711.106
14.5250	711.198	711.320	711.137	711.382	711.566	711.596	711.596	711.657	711.566	711.566
15.0250	711.780	711.780	711.933	711.933	711.841	711.903	711.903	711.964	711.964	711.995
15.5250	712.025	711.995	711.995	711.995	711.995	712.025	711.995	711.995	712.056	712.025
16.0250	712.056	712.025	712.117	712.117	712.117	712.087	712.240	712.332	712.424	712.301
16.5250	712.424	712.485	712.700	712.823	712.884	713.006	713.129	713.282	713.252	713.190
17.0250	713.344	713.405	713.313	713.497	713.528	713.497	713.528	713.497	713.528	713.528
17.5250	713.528	713.528	713.528	713.528	713.528	713.528	713.528	713.528	713.528	713.528
18.0250	713.558	713.589	713.620	713.558	713.620	713.681	713.895	713.742	713.834	713.773
18.5250	714.018	713.957	714.110	714.171	714.233	714.233	714.386	714.692	714.631	714.815
19.0250	714.784	714.876	714.937	714.938	714.999	715.060	715.029	715.029	715.060	715.060
19.5250	715.060	715.060	715.091	715.060	715.091	715.060	715.121	715.091	715.183	715.275
20.0250	715.367	715.459	715.428	715.397	715.673	715.827	715.919	715.949	716.011	716.225
20.5250	716.256	716.379	716.348	716.317	716.471	716.501	716.501	716.501	716.593	716.593
21.0250	716.593	716.593	716.593	716.593	716.593	716.593	716.593	716.593	716.593	716.593
21.5250	716.624	716.471	716.593	716.532	716.471	716.501	716.593	716.440	717.053	716.869
22.0250	716.930	717.298	717.267	717.237	717.421	717.390	717.329	717.298	717.267	717.359
22.5250	717.175	717.237	717.298	717.175	717.206	717.359	717.482	717.512	717.482	717.727
23.0250	717.666	717.757	717.880	717.819	717.941	717.941	718.094	718.033	718.094	718.125
23.5250	718.125	718.125	718.125	718.186	718.156	718.125	718.156	718.125	718.125	718.217
24.0250	718.186	718.186	718.186	718.370	718.339	718.462	718.646	718.707	718.830	718.952
24.5250	718.921	719.136	719.350	719.320	719.320	719.534	719.565	719.595	719.626	719.595

TEST M3 HEAT BALANCE TRANSIENT 2598 (50 ms Averaged) TC9 K RECORD = 48

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0250	719.657	719.657	719.657	719.657	719.657	719.657	719.657	719.657	719.687	719.810
25.5250	719.749	719.902	719.932	720.178	720.239	720.300	720.362	720.668	720.638	720.791
26.0250	720.883	720.852	719.871	718.432	715.520	711.780	706.782	701.292	695.460	689.319
26.5250	683.053	677.212	671.676	666.260	661.643	657.638	653.909	650.919	648.297	646.107
27.0250	644.101	642.867	641.108	639.749	639.718	639.101	638.174	638.143	637.958	637.402
27.5250	637.124	636.816	636.754	636.630	636.723	636.630	636.630	636.630	636.630	636.630
28.0250	636.630	636.599	636.599	636.630	636.569	636.599	636.630	636.630	636.599	636.599
28.5250	636.630	636.630	636.569	636.630	636.599	636.630	636.630	636.630	636.630	636.630
29.0250	636.569	636.630	636.599	636.630	636.599	636.599	636.630	636.630	636.630	636.630
29.5250	636.630	636.630	636.630	636.692	636.630	636.630	636.692	636.754	636.692	636.692
30.0250	636.785	636.877	636.816	636.846	636.877	636.908	637.063	636.908	637.063	637.093
30.5250	637.186	637.155	637.217	637.340	637.371	637.340	637.495	637.526	637.742	637.711
31.0250	637.865	637.896	637.896	638.019	637.927	638.081	638.050	638.112	638.112	638.143
31.5250	638.174	638.143	638.174	638.174	638.174	638.174	638.174	638.267	638.236	638.236
32.0250	638.297	638.267	638.205	638.205	638.452	638.390	638.545	638.545	638.668	638.668
32.5250	638.823	638.946	638.915	639.101	639.070	639.255	639.379	639.409	639.409	639.502
33.0250	639.409	639.564	639.595	639.718	639.718	639.718	639.687	639.718	639.687	639.718
33.5250	639.718	639.718	639.718	639.718	639.718	639.718	639.749	639.718	639.718	639.718
34.0250	639.749	639.749	639.780	639.718	639.687	639.626	639.687	639.811	639.873	639.965
34.5250	639.873	639.996	640.089	640.305	640.274	640.366	640.737	640.521	640.490	640.428
35.0250	640.583	640.768	640.984	641.015	641.354	641.385	641.385	641.540	641.478	641.632
35.5250	641.879	641.941	642.033	642.033	642.249	642.342	642.496	642.589	642.681	642.651
36.0250	642.681	642.774	642.774	642.805	642.805	642.805	642.805	642.805	642.805	642.805
36.5250	642.805	642.805	642.805	642.805	642.805	642.836	642.805	642.836	642.928	643.052
37.0250	643.021	643.144	643.268	643.206	643.453	643.576	643.823	643.731	643.761	644.101
37.5250	644.193	644.255	644.132	644.224	644.348	644.317	644.348	644.348	644.348	644.348
38.0250	644.348	644.348	644.348	644.348	644.409	644.379	644.379	644.440	644.564	644.502
38.5250	644.564	644.595	644.749	644.903	644.903	645.274	645.243	645.366	645.459	645.490
39.0250	645.706	645.706	645.767	645.829	645.860	645.860	645.891	645.860	645.891	645.891
39.5250	645.891	645.891	645.891	645.891	645.891	645.952	645.983	645.922	645.983	646.045
40.0250	646.045	646.045	646.045	646.045	646.045	646.045	646.045	646.045	646.045	646.045
40.5250	646.045	646.045	646.045	646.045	646.045	646.045	646.045	646.045	646.045	646.045
41.0250	646.045	646.045	646.045	646.045	646.045	646.045	646.045	646.045	646.045	646.045
41.5250	646.045	646.045	646.045	646.045	646.045	646.045	646.045	646.045	646.045	646.045
42.0250	646.045	646.045	646.045	646.045	646.045	646.045	646.045	646.045	646.045	646.045
42.5250	646.045	646.045	646.045	646.045	646.045	646.045	646.045	646.045	646.045	646.045
43.0250	646.045	646.045	646.045	646.045	646.045	646.045	646.045	646.045	646.045	646.045
43.5250	646.045	646.045	646.045	646.045	646.045	646.045	646.045	646.045	646.045	646.045
44.0250	646.045	646.045	646.045	646.045	646.045	646.045	646.045	646.045	646.045	646.045
44.5250	646.045	646.045	646.045	646.045	646.045	646.045	646.045	646.045	646.045	646.045
45.0250	646.045	646.045	646.045	646.045	646.045	646.045	646.045	646.045	646.045	646.045
45.5250	646.045	646.045	646.045	646.045	646.045	646.045	646.045	646.045	646.045	646.045
46.0250	646.045	646.045	646.045	646.045	646.045	646.045	646.045	646.045	646.045	646.045
46.5250	646.045	646.045	646.045	646.045	646.045	646.045	646.045	646.045	646.045	646.045
47.0250	646.045	646.045	646.045	646.045	646.045	646.045	646.045	646.045	646.045	646.045
47.5250	646.045	646.045	646.045	646.045	646.045	646.045	646.045	646.045	646.045	646.045
48.0250	646.045	646.045	646.045	646.045	646.045	646.045	646.045	646.045	646.045	646.045
48.5250	646.045	646.045	646.045	646.045	646.045	646.045	646.045	646.045	646.045	646.045
49.0250	646.045	646.045	646.045	646.045	646.045	646.045	646.045	646.045	646.045	646.045
49.5250	646.045	646.045	646.045	646.045	646.045	646.045	646.045	646.045	646.045	646.045

TEST M3 HEAT BALANCE TRANSIENT 2598 (50 ms Averaged) TC10 K RECORD = 49

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	628.904	628.904	628.904	628.935	628.935	628.904	628.904	628.904	628.904	628.966
0.5250	628.935	628.904	628.904	628.904	628.935	628.935	628.935	628.904	628.935	628.966
1.0250	628.935	628.966	628.904	628.935	628.935	628.966	628.904	628.904	628.904	628.904
1.5250	628.904	628.904	628.966	628.966	628.904	628.935	628.935	628.873	628.935	628.935
2.0250	628.904	628.935	628.935	628.904	628.904	628.904	628.904	628.935	628.904	628.935
2.5250	628.904	628.935	628.935	628.873	628.904	628.935	628.904	628.935	628.966	628.904
3.0250	628.904	628.904	628.935	628.904	628.904	628.904	628.935	628.966	628.935	628.966
3.5250	628.997	629.028	629.028	629.121	629.213	629.399	629.337	629.770	629.831	630.202
4.0250	630.357	630.450	630.450	630.635	630.975	631.747	632.026	632.490	633.294	633.788
4.5250	634.931	635.920	636.692	638.205	639.502	641.416	643.576	645.952	648.884	651.937
5.0250	655.635	659.918	664.321	668.846	673.984	678.626	683.053	687.108	691.224	694.785
5.5250	698.222	701.047	703.623	705.801	707.550	709.175	710.524	711.596	712.056	712.976
6.0250	713.497	713.620	713.895	714.202	714.631	714.478	714.876	714.938	714.968	714.846
6.5250	714.907	714.876	714.876	714.784	714.754	714.846	714.784	714.662	714.754	714.662
7.0250	714.692	714.692	714.692	714.631	714.845	714.723	714.692	714.815	714.692	714.876
7.5250	714.876	714.815	714.876	714.723	714.815	714.876	714.876	714.907	715.029	714.968
8.0250	715.029	715.029	714.937	714.999	714.937	715.029	714.999	715.029	715.060	715.060
8.5250	715.029	715.060	715.060	715.060	715.060	715.152	715.213	715.183	715.091	715.336
9.0250	715.275	715.305	715.336	715.367	715.428	715.367	715.551	715.551	715.704	715.673
9.5250	715.643	715.704	715.735	715.919	715.857	716.011	716.011	716.072	716.041	716.011
10.0250	716.256	716.348	716.317	716.348	716.409	716.471	716.440	716.409	716.532	716.563
10.5250	716.563	716.532	716.593	716.593	716.593	716.593	716.593	716.593	716.593	716.593
11.0250	716.593	716.593	716.593	716.624	716.593	716.624	716.593	716.593	716.655	716.624
11.5250	716.655	716.747	716.685	716.747	716.655	716.808	716.777	716.838	716.869	716.992
12.0250	717.022	717.083	717.390	717.298	717.451	717.390	717.604	717.665	717.788	717.727
12.5250	717.819	717.849	717.788	717.819	717.788	717.972	717.941	718.003	718.064	718.003
13.0250	718.064	718.094	718.064	718.094	718.094	718.125	718.125	718.094	718.094	718.125
13.5250	718.247	718.217	718.186	718.248	718.186	718.217	718.278	718.370	718.217	718.401
14.0250	718.339	718.401	718.554	718.523	718.676	718.676	718.921	718.860	719.075	719.044
14.5250	719.136	719.258	719.197	719.350	719.412	719.442	719.412	719.565	719.473	719.565
15.0250	719.595	719.657	719.626	719.565	719.595	719.657	719.657	719.687	719.657	719.657
15.5250	719.657	719.687	719.687	719.749	719.749	719.718	719.841	719.810	719.871	719.994
16.0250	720.055	720.116	720.239	720.331	720.423	720.392	720.668	720.576	720.576	720.637
16.5250	720.699	720.607	720.913	720.791	720.821	721.067	720.944	721.097	721.128	721.159
17.0250	721.189	721.189	721.189	721.189	721.220	721.220	721.220	721.312	721.404	721.312
17.5250	721.342	721.434	721.404	721.465	721.526	721.587	721.557	721.557	721.618	721.741
18.0250	721.679	721.955	721.925	722.047	722.292	722.231	722.292	722.476	722.507	722.507
18.5250	722.507	722.629	722.629	722.660	722.629	722.660	722.660	722.721	722.721	722.721
19.0250	722.721	722.690	722.721	722.721	722.752	722.752	722.721	722.752	722.813	722.782
19.5250	722.813	722.905	722.905	722.997	723.028	723.089	723.150	723.426	723.487	723.457
20.0250	723.640	723.702	723.702	723.794	724.008	723.916	724.161	724.192	724.192	724.162
20.5250	724.253	724.223	724.223	724.253	724.253	724.253	724.223	724.253	724.345	724.345
21.0250	724.406	724.406	724.315	724.406	724.437	724.560	724.774	724.713	724.804	724.866
21.5250	725.141	724.835	724.896	725.141	725.110	724.896	725.232	725.141	725.631	725.539
22.0250	725.539	725.753	725.784	725.753	725.784	725.814	725.784	725.784	725.814	725.753
22.5250	725.784	725.753	725.753	725.692	725.784	725.723	725.723	725.784	725.784	725.784
23.0250	725.876	725.937	725.876	725.845	726.060	726.029	726.366	726.305	726.397	726.305
23.5250	726.489	726.519	726.673	726.765	726.887	726.765	727.040	727.163	727.071	727.102
24.0250	727.163	727.194	727.255	727.286	727.316	727.316	727.347	727.316	727.439	727.347
24.5250	727.378	727.378	727.347	727.378	727.469	727.469	727.500	727.622	727.745	727.867

TEST M3 HEAT BALANCE TRANSIENT 2598 (50 ms Averaged) TC10 K RECORD = 50

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0250	727.867	727.959	728.112	728.266	728.327	728.480	728.419	728.510	728.572	728.786
25.5250	728.755	728.755	728.786	728.817	728.786	728.847	728.847	728.847	728.878	728.847
26.0250	729.031	728.878	728.020	725.539	721.066	714.999	708.469	701.230	694.079	686.617
26.5250	679.825	673.491	667.676	662.813	658.285	654.649	651.536	649.161	646.971	645.058
27.0250	643.484	642.805	641.478	640.151	639.718	639.687	639.533	639.070	638.483	638.267
27.5250	638.267	638.174	638.174	638.081	637.989	638.020	637.989	637.896	637.803	637.834
28.0250	637.680	637.711	637.587	637.556	637.680	637.680	637.371	637.649	637.371	637.402
28.5250	637.248	637.526	637.464	637.526	637.556	637.587	637.402	637.587	637.526	637.618
29.0250	637.587	637.526	637.711	637.587	637.711	637.464	637.742	637.773	637.803	637.773
29.5250	637.773	637.865	637.865	637.834	637.742	637.958	637.865	637.834	638.020	638.020
30.0250	638.020	638.081	637.989	638.081	637.989	638.112	638.112	638.174	638.143	638.143
30.5250	638.174	638.205	638.174	638.174	638.174	638.205	638.205	638.236	638.205	638.267
31.0250	638.236	638.205	638.359	638.236	638.267	638.452	638.575	638.483	638.421	638.452
31.5250	638.575	638.637	638.946	638.668	638.915	638.915	639.008	639.101	639.132	638.977
32.0250	639.039	639.224	639.317	639.409	639.502	639.502	639.657	639.626	639.471	639.564
32.5250	639.657	639.657	639.687	639.687	639.718	639.687	639.718	639.718	639.718	639.718
33.0250	639.687	639.718	639.718	639.718	639.718	639.749	639.780	639.718	639.780	639.749
33.5250	639.842	639.780	639.873	639.965	639.842	639.842	639.934	640.089	640.089	640.089
34.0250	640.305	640.181	640.274	640.336	640.027	640.089	640.274	640.366	640.490	640.521
34.5250	640.768	640.366	640.613	640.768	640.613	640.799	641.169	640.768	640.613	640.582
35.0250	640.798	640.983	641.632	641.724	642.219	642.465	642.280	642.465	642.651	642.743
35.5250	642.805	642.774	642.712	642.805	642.805	642.805	642.805	642.805	642.805	642.805
36.0250	642.805	642.805	642.836	642.805	642.805	642.805	642.836	642.867	642.928	642.928
36.5250	643.021	643.083	643.206	643.144	643.268	643.360	643.576	643.607	643.700	643.977
37.0250	643.885	644.070	644.163	644.008	644.255	644.317	644.286	644.348	644.286	644.286
37.5250	644.348	644.348	644.379	644.348	644.348	644.379	644.348	644.409	644.348	644.502
38.0250	644.502	644.502	644.595	644.656	644.780	644.965	645.027	645.274	645.366	645.366
38.5250	645.490	645.644	645.613	645.644	645.706	645.767	645.829	645.891	645.891	645.891
39.0250	645.891	645.891	645.891	645.891	645.891	645.952	645.891	645.891	645.922	646.014
39.5250	646.076	646.014	646.168	646.138	646.261	646.354	646.415	646.570	646.570	646.817
40.0250	646.817	646.817	646.817	646.817	646.817	646.817	646.817	646.817	646.817	646.817
40.5250	646.817	646.817	646.817	646.817	646.817	646.817	646.817	646.817	646.817	646.817
41.0250	646.817	646.817	646.817	646.817	646.817	646.817	646.817	646.817	646.817	646.817
41.5250	646.817	646.817	646.817	646.817	646.817	646.817	646.817	646.817	646.817	646.817
42.0250	646.817	646.817	646.817	646.817	646.817	646.817	646.817	646.817	646.817	646.817
42.5250	646.817	646.817	646.817	646.817	646.817	646.817	646.817	646.817	646.817	646.817
43.0250	646.817	646.817	646.817	646.817	646.817	646.817	646.817	646.817	646.817	646.817
43.5250	646.817	646.817	646.817	646.817	646.817	646.817	646.817	646.817	646.817	646.817
44.0250	646.817	646.817	646.817	646.817	646.817	646.817	646.817	646.817	646.817	646.817
44.5250	646.817	646.817	646.817	646.817	646.817	646.817	646.817	646.817	646.817	646.817
45.0250	646.817	646.817	646.817	646.817	646.817	646.817	646.817	646.817	646.817	646.817
45.5250	646.817	646.817	646.817	646.817	646.817	646.817	646.817	646.817	646.817	646.817
46.0250	646.817	646.817	646.817	646.817	646.817	646.817	646.817	646.817	646.817	646.817
46.5250	646.817	646.817	646.817	646.817	646.817	646.817	646.817	646.817	646.817	646.817
47.0250	646.817	646.817	646.817	646.817	646.817	646.817	646.817	646.817	646.817	646.817
47.5250	646.817	646.817	646.817	646.817	646.817	646.817	646.817	646.817	646.817	646.817
48.0250	646.817	646.817	646.817	646.817	646.817	646.817	646.817	646.817	646.817	646.817
48.5250	646.817	646.817	646.817	646.817	646.817	646.817	646.817	646.817	646.817	646.817
49.0250	646.817	646.817	646.817	646.817	646.817	646.817	646.817	646.817	646.817	646.817
49.5250	646.817	646.817	646.817	646.817	646.817	646.817	646.817	646.817	646.817	646.817

TEST M3 HEAT BALANCE TRANSIENT 2598 (50 ms Averaged) TC11 K RECORD = 51

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	628.912	628.912	628.850	628.819	628.850	628.850	628.912	628.788	628.819	628.788
0.5250	628.850	628.881	628.850	628.850	628.850	628.912	628.819	628.850	628.788	628.695
1.0250	628.850	628.788	628.881	628.912	628.850	628.850	628.819	628.850	628.757	628.881
1.5250	628.850	628.881	628.819	628.943	628.881	628.757	628.819	628.819	628.757	628.850
2.0250	628.881	628.819	628.881	628.819	628.850	628.757	628.819	628.726	628.819	628.788
2.5250	628.881	628.819	628.726	628.788	628.850	628.788	628.726	628.726	628.850	628.757
3.0250	628.881	628.726	628.850	628.912	628.819	628.881	628.819	628.850	628.943	628.881
3.5250	628.943	628.974	629.005	629.036	629.159	629.159	629.314	629.221	629.376	629.531
4.0250	629.592	629.623	629.871	630.118	630.211	630.335	630.675	630.922	631.448	631.912
4.5250	632.499	633.055	633.828	634.693	635.714	636.857	638.062	639.297	641.120	643.373
5.0250	645.657	648.496	651.025	653.677	656.081	658.023	659.780	661.074	662.152	663.138
5.5250	663.939	664.647	664.954	665.385	665.632	665.786	665.909	665.940	666.155	666.155
6.0250	666.186	666.309	666.186	666.309	666.124	666.094	666.094	666.063	666.094	665.970
6.5250	666.032	666.001	666.063	665.970	666.001	665.970	665.909	666.124	666.063	666.001
7.0250	665.878	666.001	665.940	666.001	666.093	665.909	665.970	666.217	665.940	666.063
7.5250	666.124	666.124	666.063	666.155	666.124	666.063	666.124	666.186	666.247	666.093
8.0250	666.186	666.186	666.186	666.155	666.217	666.247	666.340	666.371	666.278	666.371
8.5250	666.278	666.309	666.247	666.278	666.340	666.278	666.432	666.371	666.463	666.463
9.0250	666.494	666.463	666.432	666.463	666.432	666.371	666.463	666.525	666.463	666.494
9.5250	666.525	666.494	666.555	666.555	666.525	666.525	666.586	666.586	666.617	666.617
10.0250	666.555	666.555	666.555	666.586	666.679	666.617	666.709	666.709	666.555	666.709
10.5250	666.679	666.709	666.709	666.802	666.740	666.925	666.709	666.802	666.894	666.863
11.0250	666.833	666.709	666.987	666.987	666.863	666.987	667.017	667.017	666.987	667.017
11.5250	666.925	666.987	666.986	667.079	667.079	667.110	667.140	667.110	667.171	667.110
12.0250	667.171	667.233	667.202	667.233	667.233	667.202	667.202	667.233	667.233	667.233
12.5250	667.233	667.233	667.264	667.233	667.233	667.233	667.233	667.264	667.233	667.202
13.0250	667.264	667.264	667.264	667.233	667.387	667.294	667.294	667.387	667.294	667.448
13.5250	667.387	667.387	667.541	667.448	667.510	667.541	667.602	667.602	667.571	667.602
14.0250	667.571	667.541	667.571	667.541	667.571	667.695	667.664	667.633	667.787	667.725
14.5250	667.879	667.818	667.848	667.910	667.879	667.879	667.941	667.972	667.879	667.972
15.0250	668.002	667.972	668.033	667.972	668.095	668.002	668.033	668.002	668.064	668.095
15.5250	668.002	668.033	668.125	668.156	668.187	668.125	668.279	668.433	668.403	668.218
16.0250	668.464	668.372	668.341	668.526	668.403	668.372	668.495	668.403	668.495	668.618
16.5250	668.649	668.618	668.526	668.587	668.741	668.710	668.710	668.710	668.772	668.772
17.0250	668.741	668.741	668.895	668.833	668.895	668.741	668.895	668.864	668.895	668.926
17.5250	668.864	668.926	668.895	669.018	668.895	669.049	669.110	668.987	669.172	669.141
18.0250	669.110	669.110	669.203	669.203	669.264	669.387	669.264	669.357	669.387	669.326
18.5250	669.449	669.449	669.449	669.572	669.449	669.480	669.511	669.603	669.603	669.603
19.0250	669.726	669.634	669.634	669.664	669.695	669.726	669.818	669.757	669.880	669.972
19.5250	669.941	669.972	669.972	670.003	670.034	670.126	670.126	670.095	670.188	670.188
20.0250	670.280	670.188	670.311	670.280	670.311	670.403	670.434	670.372	670.434	670.434
20.5250	670.434	670.588	670.680	670.619	670.711	670.742	670.742	670.834	670.834	670.834
21.0250	670.742	670.834	670.896	670.896	671.019	671.019	671.173	671.080	671.173	671.203
21.5250	671.203	671.142	671.203	671.173	671.173	671.327	671.265	671.326	671.542	671.542
22.0250	671.511	671.634	671.665	671.604	671.604	671.542	671.511	671.542	671.480	671.542
22.5250	671.511	671.727	671.696	671.665	671.727	671.604	671.819	671.727	671.788	671.819
23.0250	671.911	672.004	672.065	672.096	672.096	672.127	672.281	672.250	672.219	672.281
23.5250	672.342	672.465	672.404	672.527	672.588	672.588	672.619	672.557	672.650	672.711
24.0250	672.681	672.742	672.742	672.988	672.927	673.019	672.958	672.958	673.050	673.050
24.5250	673.050	673.173	673.204	673.265	673.327	673.296	673.357	673.388	673.388	673.388

TEST M3 HEAT BALANCE TRANSIENT 2598 (50 ms Averaged) TC11 K RECORD = 52

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0250	673.419	673.450	673.419	673.480	673.511	673.573	673.634	673.665	673.696	673.727
25.5250	673.727	673.819	674.003	673.973	674.034	674.065	674.249	674.188	674.249	674.219
26.0250	674.249	674.188	672.988	670.126	665.755	660.920	656.082	651.673	648.033	644.823
26.5250	642.632	640.471	639.328	638.401	637.598	637.104	636.641	636.394	636.209	636.054
27.0250	635.868	635.745	635.745	635.559	635.590	635.466	635.497	635.590	635.559	635.497
27.5250	635.528	635.497	635.559	635.528	635.497	635.528	635.590	635.528	635.590	635.652
28.0250	635.745	635.652	635.683	635.838	635.807	635.714	635.899	635.899	635.868	635.868
28.5250	635.868	635.961	635.992	636.023	636.178	636.209	636.209	636.209	636.270	636.270
29.0250	636.301	636.363	636.301	636.301	636.394	636.425	636.456	636.425	636.456	636.425
29.5250	636.456	636.487	636.548	636.518	636.610	636.641	636.765	636.765	636.950	636.888
30.0250	636.950	636.950	636.981	637.104	637.166	637.135	637.228	637.259	637.228	637.351
30.5250	637.259	637.228	637.320	637.351	637.629	637.629	637.691	637.691	637.753	637.753
31.0250	637.783	637.938	637.938	638.000	638.000	637.969	638.123	638.154	638.216	638.185
31.5250	638.154	638.278	638.432	638.463	638.618	638.587	638.587	638.649	638.710	638.741
32.0250	638.741	638.958	638.958	638.958	638.988	639.143	639.112	639.143	639.267	639.112
32.5250	639.359	639.390	639.452	639.483	639.483	639.483	639.483	639.483	639.483	639.483
33.0250	639.483	639.483	639.483	639.483	639.514	639.606	639.668	639.637	639.606	639.792
33.5250	639.854	639.946	640.101	640.008	640.132	640.193	640.348	640.255	640.317	640.317
34.0250	640.471	640.471	640.687	640.780	640.626	640.718	641.027	641.150	641.243	641.212
34.5250	641.336	641.397	641.459	641.583	641.459	641.490	641.644	641.644	641.459	641.613
35.0250	641.675	641.830	642.108	642.108	642.324	642.416	642.478	642.571	642.540	642.571
35.5250	642.602	642.571	642.663	642.756	642.848	642.818	642.787	642.972	642.910	643.003
36.0250	643.157	643.126	643.250	643.404	643.404	643.342	643.466	643.373	643.466	643.527
36.5250	643.682	643.805	643.713	643.836	643.867	643.898	644.021	644.052	644.083	644.237
37.0250	644.114	644.237	644.237	644.268	644.330	644.453	644.515	644.731	644.638	644.762
37.5250	644.854	644.823	644.793	645.009	644.978	645.070	645.070	645.225	645.317	645.256
38.0250	645.317	645.286	645.441	645.533	645.564	645.718	645.657	645.749	645.688	645.749
38.5250	645.780	645.842	645.996	645.996	646.150	646.120	646.212	646.336	646.397	646.397
39.0250	646.397	646.521	646.552	646.521	646.552	646.613	646.799	646.860	646.953	646.953
39.5250	647.076	647.076	647.076	647.138	647.292	647.261	647.323	647.354	647.447	647.416
40.0250	647.416	647.416	647.416	647.416	647.416	647.416	647.416	647.416	647.416	647.416
40.5250	647.416	647.416	647.416	647.416	647.416	647.416	647.416	647.416	647.416	647.416
41.0250	647.416	647.416	647.416	647.416	647.416	647.416	647.416	647.416	647.416	647.416
41.5250	647.416	647.416	647.416	647.416	647.416	647.416	647.416	647.416	647.416	647.416
42.0250	647.416	647.416	647.416	647.416	647.416	647.416	647.416	647.416	647.416	647.416
42.5250	647.416	647.416	647.416	647.416	647.416	647.416	647.416	647.416	647.416	647.416
43.0250	647.416	647.416	647.416	647.416	647.416	647.416	647.416	647.416	647.416	647.416
43.5250	647.416	647.416	647.416	647.416	647.416	647.416	647.416	647.416	647.416	647.416
44.0250	647.416	647.416	647.416	647.416	647.416	647.416	647.416	647.416	647.416	647.416
44.5250	647.416	647.416	647.416	647.416	647.416	647.416	647.416	647.416	647.416	647.416
45.0250	647.416	647.416	647.416	647.416	647.416	647.416	647.416	647.416	647.416	647.416
45.5250	647.416	647.416	647.416	647.416	647.416	647.416	647.416	647.416	647.416	647.416
46.0250	647.416	647.416	647.416	647.416	647.416	647.416	647.416	647.416	647.416	647.416
46.5250	647.416	647.416	647.416	647.416	647.416	647.416	647.416	647.416	647.416	647.416
47.0250	647.416	647.416	647.416	647.416	647.416	647.416	647.416	647.416	647.416	647.416
47.5250	647.416	647.416	647.416	647.416	647.416	647.416	647.416	647.416	647.416	647.416
48.0250	647.416	647.416	647.416	647.416	647.416	647.416	647.416	647.416	647.416	647.416
48.5250	647.416	647.416	647.416	647.416	647.416	647.416	647.416	647.416	647.416	647.416
49.0250	647.416	647.416	647.416	647.416	647.416	647.416	647.416	647.416	647.416	647.416
49.5250	647.416	647.416	647.416	647.416	647.416	647.416	647.416	647.416	647.416	647.416

TEST M3 HEAT BALANCE TRANSIENT 2598 (50 ms Averaged) TC12 K RECORD = 53

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	628.997	628.997	628.966	628.997	628.997	628.935	629.090	628.935	628.997	628.997
0.5250	628.966	628.966	628.935	628.966	628.966	628.966	628.904	628.935	628.935	628.966
1.0250	628.966	628.966	628.904	628.966	628.935	628.966	628.904	628.935	628.904	628.935
1.5250	628.935	628.997	628.873	628.966	628.904	628.966	628.935	628.935	628.997	628.935
2.0250	628.935	628.966	628.935	628.935	628.904	628.904	628.935	628.904	628.966	628.904
2.5250	628.904	628.935	628.904	628.873	628.966	628.935	628.904	628.935	628.904	628.904
3.0250	628.904	628.935	628.873	628.873	628.904	628.904	628.966	629.028	628.935	628.904
3.5250	628.966	628.935	629.059	629.028	629.120	629.059	629.182	629.275	629.461	629.584
4.0250	629.708	630.079	630.233	630.419	630.450	630.481	630.759	631.438	631.871	632.056
4.5250	632.768	633.479	634.190	635.179	636.291	637.248	638.761	639.904	642.280	644.255
5.0250	646.878	649.716	652.646	655.450	657.946	660.411	662.197	663.890	665.245	666.261
5.5250	667.369	667.800	668.600	668.969	669.092	669.092	669.554	669.738	669.923	669.923
6.0250	669.953	669.984	670.015	670.076	670.261	670.046	670.046	670.076	670.076	670.015
6.5250	670.076	670.076	670.199	670.169	670.138	670.076	670.076	670.107	670.076	669.984
7.0250	670.169	670.292	670.169	670.138	670.230	670.292	670.261	670.138	670.384	670.353
7.5250	670.322	670.322	670.445	670.445	670.445	670.445	670.476	670.445	670.507	670.476
8.0250	670.476	670.507	670.538	670.538	670.476	670.538	670.507	670.507	670.507	670.507
8.5250	670.476	670.538	670.538	670.538	670.599	670.507	670.568	670.538	670.568	670.538
9.0250	670.568	670.568	670.599	670.568	670.630	670.568	670.599	670.630	670.599	670.630
9.5250	670.599	670.661	670.722	670.722	670.722	670.661	670.784	670.568	670.691	670.691
10.0250	670.753	670.845	670.845	670.845	670.845	670.815	670.907	670.999	670.938	671.122
10.5250	671.030	670.968	670.968	671.245	671.122	671.091	671.215	671.030	671.184	671.184
11.0250	671.091	671.122	671.184	671.215	671.245	671.307	671.368	671.338	671.368	671.522
11.5250	671.522	671.738	671.584	671.645	671.676	671.676	671.645	671.553	671.768	671.891
12.0250	671.922	671.830	671.953	671.861	671.922	671.861	671.984	671.891	671.953	672.076
12.5250	672.045	672.015	672.015	672.076	672.045	672.076	672.076	672.045	672.076	672.076
13.0250	672.076	672.076	672.107	672.107	672.107	672.107	672.076	672.168	672.107	672.168
13.5250	672.138	672.230	672.168	672.199	672.168	672.199	672.230	672.230	672.230	672.384
14.0250	672.384	672.230	672.445	672.292	672.415	672.384	672.384	672.507	672.507	672.507
14.5250	672.722	672.630	672.876	672.692	672.907	672.846	672.722	672.784	672.876	672.815
15.0250	672.938	672.969	673.030	672.969	673.092	673.184	673.000	673.123	673.030	673.184
15.5250	673.123	673.246	673.215	673.246	673.277	673.277	673.400	673.369	673.554	673.523
16.0250	673.584	673.584	673.523	673.492	673.584	673.554	673.584	673.554	673.615	673.615
16.5250	673.584	673.615	673.554	673.615	673.584	673.554	673.615	673.615	673.615	673.615
17.0250	673.615	673.615	673.615	673.646	673.646	673.646	673.677	673.615	673.677	673.707
17.5250	673.830	673.646	673.738	673.707	673.707	673.707	673.769	673.861	673.769	673.800
18.0250	673.707	673.861	673.800	673.953	673.953	674.046	674.076	674.169	674.261	674.476
18.5250	674.353	674.322	674.353	674.322	674.537	674.445	674.507	674.476	674.537	674.691
19.0250	674.599	674.753	674.630	674.599	674.691	674.722	674.814	674.722	674.783	674.753
19.5250	674.906	675.029	675.060	675.121	675.121	675.029	675.121	675.121	675.091	675.091
20.0250	675.152	675.152	675.152	675.183	675.214	675.275	675.183	675.245	675.337	675.337
20.5250	675.244	675.275	675.214	675.337	675.337	675.491	675.367	675.398	675.583	675.737
21.0250	675.767	675.614	675.583	675.675	675.952	675.829	675.921	676.044	676.136	676.229
21.5250	676.198	676.229	676.167	676.352	676.352	676.321	676.475	676.382	676.567	676.690
22.0250	676.628	676.628	676.628	676.721	676.659	676.628	676.598	676.567	676.567	676.628
22.5250	676.690	676.659	676.628	676.721	676.690	676.659	676.721	676.721	676.751	676.690
23.0250	676.782	676.813	676.844	677.028	676.966	677.089	677.151	677.397	677.366	677.151
23.5250	677.335	677.212	677.397	677.458	677.550	677.489	677.612	677.766	677.796	677.796
24.0250	677.981	677.889	678.042	677.889	678.104	678.165	678.104	678.196	678.165	678.227
24.5250	678.227	678.257	678.165	678.257	678.227	678.227	678.350	678.227	678.257	678.442

TEST M3 HEAT BALANCE TRANSIENT 2598 (50 ms Averaged) TC12 K RECORD = 54

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0250	678.350	678.442	678.442	678.688	678.534	678.719	678.596	678.657	678.995	679.026
25.5250	679.210	679.149	679.180	679.057	679.303	679.456	679.518	679.426	679.487	679.641
26.0250	679.672	679.333	678.104	675.245	670.846	665.891	660.626	655.759	651.844	648.513
26.5250	645.675	643.700	642.095	640.151	639.687	638.977	638.328	638.112	637.834	637.495
27.0250	637.094	636.877	636.661	636.754	636.630	636.630	636.692	636.661	636.630	636.599
27.5250	636.692	636.599	636.630	636.630	636.630	636.630	636.599	636.630	636.630	636.630
28.0250	636.630	636.661	636.661	636.630	636.630	636.630	636.692	636.661	636.630	636.661
28.5250	636.630	636.692	636.754	636.754	636.661	636 [illegible]23	636.785	636.661	636.846	636.630
29.0250	636.754	636.908	636.877	636.908	636.877	636.877	637.063	636.939	637.124	637.124
29.5250	637.063	637.248	637.186	637.248	637.495	637.433	637.402	637.587	637.433	637.649
30.0250	637.649	637.773	637.865	637.896	637.927	637.865	637.989	637.989	638.050	638.050
30.5250	638.081	638.174	638.143	638.174	638.174	638.174	638.174	638.236	638.267	638.236
31.0250	638.174	638.205	638.359	638.328	638.328	638.328	638.421	638.452	638.514	638.668
31.5250	638.699	638.761	638.853	638.853	638.977	639.162	639.039	639.193	639.131	639.317
32.0250	639.224	639.409	639.502	639.564	639.626	639.626	639.718	639.657	639.626	639.718
32.5250	639.687	639.718	639.718	639.718	639.687	639.718	639.718	639.718	639.749	639.718
33.0250	639.687	639.780	639.811	639.780	639.780	639.873	639.780	639.934	640.027	639.996
33.5250	640.058	640.027	640.243	640.181	640.336	640.459	640.459	640.459	640.552	640.953
34.0250	640.830	640.861	641.138	640.984	641.076	641.138	641.323	641.540	641.354	641.478
34.5250	641.601	641.539	641.786	641.755	641.848	642.033	642.218	642.188	642.095	642.157
35.0250	642.095	642.373	642.589	642.558	642.774	642.805	642.805	642.805	642.805	642.836
35.5250	642.805	642.805	642.805	642.805	642.805	642.897	642.897	642.897	643.021	643.052
36.0250	643.206	643.237	643.299	643.360	643.545	643.515	643.761	643.792	643.792	644.008
36.5250	643.977	644.008	644.101	644.193	644.286	644.255	644.317	644.255	644.348	644.348
37.0250	644.348	644.348	644.379	644.379	644.348	644.471	644.502	644.533	644.502	644.656
37.5250	644.595	644.842	644.903	645.027	645.150	645.274	645.304	645.397	645.366	645.582
38.0250	645.582	645.675	645.829	645.860	645.829	645.891	645.860	645.891	645.891	645.891
38.5250	645.891	645.922	645.952	645.891	645.952	646.168	646.168	646.168	646.323	646.446
39.0250	646.508	646.539	646.539	646.693	646.724	646.940	646.909	647.094	647.094	647.218
39.5250	647.218	647.341	647.403	647.403	647.403	647.403	647.434	647.434	647.465	647.557
40.0250	647.557	647.557	647.557	647.557	647.557	647.557	647.557	647.557	647.557	647.557
40.5250	647.557	647.557	647.557	647.557	647.557	647.557	647.557	647.557	647.[illegible]57	647.557
41.0250	647.557	647.557	647.557	647.557	647.557	647.557	647.557	647.557	647.557	647.557
41.5250	647.557	647.557	647.557	647.557	647.557	647.557	647.557	647.557	647.557	647.557
42.0250	647.557	647.557	647.557	647.557	647.557	647.557	647.557	647.557	647.557	647.557
42.5250	647.557	647.557	647.557	647.557	647.557	647.557	647.557	647.557	647.557	647.557
43.0250	647.557	647.557	647.557	647.557	647.557	647.557	647.557	647.557	647.557	647.557
43.5250	647.557	647.557	647.557	647.557	647.557	647.557	647.557	647.557	647.557	647.557
44.0250	647.557	647.557	647.557	647.557	647.557	647.557	647.557	647.557	647.557	647.557
44.5250	647.557	647.557	647.557	647.557	647.557	647.557	647.557	647.557	647.557	647.557
45.0250	647.557	647.557	647.557	647.557	647.557	647.557	647.557	647.557	647.557	647.557
45.5250	647.557	647.557	647.557	647.557	647.557	647.557	647.557	647.557	647.557	647.557
46.0250	647.557	647.557	647.557	647.557	647.557	647.557	647.557	647.557	647.557	647.557
46.5250	647.557	647.557	647.557	647.557	647.557	647.557	647.557	647.557	647.557	647.557
47.0250	647.557	647.557	647.557	647.557	647.557	647.557	647.557	647.557	647.557	647.557
47.5250	647.557	647.557	647.557	647.557	647.557	647.557	647.557	647.557	647.557	647.557
48.0250	647.557	647.557	647.557	647.557	647.557	647.557	647.557	647.557	647.557	647.557
48.5250	647.557	647.557	647.557	647.557	647.557	647.557	647.557	647.557	647.557	647.557
49.0250	647.557	647.557	647.557	647.557	647.557	647.557	647.557	647.557	647.557	647.557
49.5250	647.557	647.557	647.557	647.557	647.557	647.557	647.557	647.557	647.557	647.557

TEST M3 HEAT BALANCE TRANSIENT 2598 (50 ms Averaged) TC13 K RECORD = 55

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	628.966	628.966	628.966	628.904	629.028	628.935	628.966	628.935	628.966	628.935
0.5250	628.997	628.935	628.904	628.966	628.935	628.904	628.904	628.966	628.997	628.904
1.0250	628.904	628.997	628.935	628.997	628.935	628.966	628.966	628.904	628.935	628.935
1.5250	628.935	628.904	628.966	628.935	628.904	628.966	628.904	628.935	628.904	628.935
2.0250	628.935	628.966	628.904	628.904	628.935	628.904	628.935	628.904	628.904	628.935
2.5250	628.935	628.904	628.935	628.935	628.904	628.904	628.935	628.935	628.904	628.904
3.0250	628.935	628.997	628.935	628.935	628.935	628.966	628.966	629.028	628.966	629.028
3.5250	628.966	628.966	628.997	629.028	629.121	629.275	629.275	629.244	629.615	629.924
4.0250	630.079	630.233	630.326	630.450	630.481	630.635	631.129	631.871	631.995	632.366
4.5250	633.417	633.819	634.962	635.951	636.908	638.236	639.626	641.231	643.484	645.922
5.0250	648.698	651.721	655.081	658.285	661.273	664.044	666.568	668.477	670.292	671.830
5.5250	673.307	673.830	674.999	675.367	676.167	676.659	676.721	676.905	677.305	677.427
6.0250	677.673	677.673	677.735	677.919	677.950	677.981	677.827	677.919	678.104	677.950
6.5250	677.950	677.919	677.827	677.858	677.950	677.981	677.858	677.919	677.919	677.827
7.0250	678.073	677.889	677.950	677.919	677.981	677.919	677.796	678.104	678.011	678.011
7.5250	678.073	678.042	678.042	678.165	678.165	678.134	678.073	678.104	678.196	678.196
8.0250	678.165	678.165	678.165	678.165	678.196	678.227	678.196	678.196	678.227	678.227
8.5250	678.227	678.227	678.227	678.196	678.227	678.227	678.227	678.227	678.227	678.257
9.0250	678.227	678.227	678.227	678.227	678.227	678.227	678.257	678.227	678.227	678.257
9.5250	678.288	678.227	678.257	678.257	678.319	678.227	678.257	678.257	678.288	678.288
10.0250	678.350	678.288	678.319	678.380	678.350	678.411	678.350	678.534	678.473	678.442
10.5250	678.473	678.473	678.473	678.688	678.626	678.503	678.534	678.657	678.780	678.811
11.0250	678.780	678.811	678.780	679.026	678.811	678.995	679.026	678.934	679.118	679.303
11.5250	679.118	679.241	679.333	679.210	679.518	679.426	679.364	679.426	679.579	679.610
12.0250	679.549	679.549	679.549	679.672	679.672	679.702	679.733	679.764	679.733	679.733
12.5250	679.733	679.672	679.764	679.764	679.764	679.764	679.764	679.764	679.764	679.764
13.0250	679.764	679.764	679.764	679.733	679.764	679.764	679.764	679.764	679.764	679.764
13.5250	679.764	679.764	679.764	679.764	679.825	679.795	679.795	679.795	679.795	679.825
14.0250	679.856	679.795	679.825	679.856	679.948	679.856	679.917	679.918	680.102	680.010
14.5250	680.041	680.071	680.071	680.163	680.317	680.194	680.317	680.348	680.348	680.502
15.0250	680.625	680.532	680.502	680.840	680.809	680.748	680.809	680.625	680.809	680.840
15.5250	680.963	680.963	681.024	681.116	681.055	681.178	681.116	681.270	681.116	681.178
16.0250	681.147	681.209	681.239	681.301	681.209	681.301	681.270	681.239	681.270	681.270
16.5250	681.209	681.270	681.301	681.301	681.301	681.301	681.301	681.362	681.301	681.301
17.0250	681.332	681.332	681.362	681.332	681.301	681.362	681.424	681.393	681.455	681.362
17.5250	681.516	681.670	681.516	681.547	681.455	681.670	681.608	681.762	681.670	681.854
18.0250	681.823	681.854	682.223	682.162	682.254	682.254	682.315	682.408	682.346	682.561
18.5250	682.346	682.500	682.654	682.715	682.654	682.746	682.654	682.746	682.777	682.777
19.0250	682.715	682.838	682.838	682.838	682.807	682.838	682.838	682.838	682.838	682.838
19.5250	682.838	682.838	682.838	682.869	682.869	682.838	682.961	682.899	682.899	682.961
20.0250	683.022	682.992	683.022	683.145	683.176	683.176	683.115	683.330	683.391	683.483
20.5250	683.637	683.883	683.698	683.852	684.036	684.036	684.098	684.159	684.190	684.252
21.0250	684.129	684.313	684.313	684.313	684.344	684.375	684.375	684.344	684.344	684.375
21.5250	684.375	684.221	684.252	684.282	684.190	684.251	684.467	684.159	684.467	684.436
22.0250	684.528	684.651	684.743	684.620	684.712	684.528	684.528	684.497	684.436	684.528
22.5250	684.467	684.620	684.497	684.620	684.528	684.743	684.927	684.866	684.804	684.958
23.0250	685.112	685.388	685.265	685.296	685.480	685.603	685.634	685.634	685.726	685.787
23.5250	685.818	685.787	685.818	685.910	685.818	685.910	685.879	685.910	685.910	685.910
24.0250	685.910	685.910	685.910	685.910	685.910	685.910	685.941	686.002	686.033	686.002
24.5250	686.002	686.002	686.033	686.156	686.217	686.217	686.279	686.371	686.616	686.371

TEST M3 HEAT BALANCE TRANSIENT 2598 (50 ms Averaged) TC13 K RECORD = 56

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0250	686.678	686.739	686.893	687.047	687.139	687.200	687.231	687.231	687.292	687.323
25.5250	687.415	687.323	687.415	687.415	687.446	687.476	687.446	687.476	687.476	687.507
26.0250	687.446	687.446	686.463	683.606	679.333	674.045	668.538	663.275	658.470	654.094
26.5250	650.580	647.804	645.243	643.329	641.941	639.996	639.718	638.884	638.267	638.081
27.0250	637.803	637.186	636.970	636.785	636.661	636.661	636.630	636.630	636.630	636.599
27.5250	636.630	636.630	636.599	636.630	636.630	636.599	636.599	636.599	636.630	636.630
28.0250	636.599	636.599	636.599	636.630	636.630	636.630	636.630	636.599	636.630	636.599
28.5250	636.630	636.630	636.630	636.630	636.630	636.661	636.661	636.661	636.630	636.692
29.0250	636.630	636.630	636.692	636.692	636.630	636.692	636.785	636.846	636.754	636.754
29.5250	636.785	636.754	636.816	636.939	636.908	636.970	637.063	637.093	637.340	637.402
30.0250	637.217	637.402	637.495	637.495	637.618	637.680	637.927	637.803	637.896	637.927
30.5250	638.081	638.081	638.081	638.020	638.081	638.143	638.205	638.112	638.174	638.174
31.0250	638.205	638.174	638.236	638.205	638.205	638.267	638.267	638.267	638.390	638.297
31.5250	638.483	638.390	638.514	638.421	638.853	638.884	639.101	639.008	639.008	639.317
32.0250	639.193	639.471	639.533	639.409	639.471	639.718	639.657	639.657	639.687	639.595
32.5250	639.718	639.718	639.718	639.718	639.687	639.718	639.718	639.718	639.718	639.718
33.0250	639.718	639.718	639.749	639.718	639.811	639.780	639.811	639.904	639.842	639.873
33.5250	640.027	639.965	640.181	640.274	640.398	640.367	640.737	640.706	640.861	640.922
34.0250	640.984	641.015	641.231	641.138	641.046	640.891	641.323	641.385	641.323	641.323
34.5250	641.416	641.447	641.570	641.817	641.755	641.817	642.218	641.879	641.879	641.848
35.0250	642.095	642.126	642.496	642.404	642.805	642.805	642.805	642.805	642.805	642.836
35.5250	642.805	642.805	642.805	642.805	642.805	642.867	642.867	642.867	642.990	642.959
36.0250	643.113	643.113	643.360	643.422	643.484	643.700	643.731	643.823	644.008	644.163
36.5250	644.132	644.132	644.317	644.286	644.348	644.348	644.348	644.348	644.348	644.348
37.0250	644.348	644.348	644.348	644.379	644.379	644.348	644.409	644.440	644.564	644.687
37.5250	644.718	644.842	644.934	645.088	645.212	645.335	645.490	645.459	645.644	645.644
38.0250	645.860	645.829	645.829	645.891	645.891	645.891	645.891	645.891	645.891	645.891
38.5250	645.952	645.891	645.952	645.922	645.922	646.138	646.261	646.199	646.292	646.323
39.0250	646.446	646.724	646.724	646.755	647.063	647.094	647.187	647.310	647.372	647.341
39.5250	647.403	647.434	647.434	647.434	647.434	647.434	647.434	647.465	647.434	647.434
40.0250	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434
40.5250	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434
41.0250	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434
41.5250	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434
42.0250	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434
42.5250	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434
43.0250	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434
43.5250	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434
44.0250	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434
44.5250	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434
45.0250	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434
45.5250	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434
46.0250	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434
46.5250	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434
47.0250	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434
47.5250	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434
48.0250	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434
48.5250	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434
49.0250	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434
49.5250	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434

TEST M3 HEAT BALANCE TRANSIENT 2598 (50 ms Averaged) TC14 K RECORD = 57

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	628.834	628.834	628.834	628.834	628.834	628.865	628.834	628.834	628.834	628.834
0.5250	628.834	628.834	628.803	628.834	628.834	628.834	628.834	628.834	628.834	628.834
1.0250	628.834	628.834	628.834	628.834	628.803	628.834	628.834	628.834	628.834	628.834
1.5250	628.834	628.834	628.834	628.834	628.834	628.834	628.834	628.834	628.834	628.834
2.0250	628.834	628.834	628.803	628.834	628.834	628.834	628.834	628.834	628.834	628.834
2.5250	628.834	628.834	628.834	628.834	628.834	628.834	628.834	628.834	628.834	628.834
3.0250	628.834	628.834	628.834	628.834	628.834	628.834	628.834	628.834	628.834	628.834
3.5250	628.834	628.834	628.834	628.834	628.834	628.865	628.927	628.927	629.143	629.236
4.0250	629.668	630.039	630.348	630.379	630.410	630.379	630.966	631.708	631.924	632.326
4.5250	633.407	633.963	635.014	636.157	636.990	638.534	639.739	642.146	644.090	646.866
5.0250	649.671	653.155	656.698	660.237	664.366	667.966	671.657	674.763	677.991	680.542
5.5250	682.969	685.212	686.840	688.[illegible]	689.450	690.708	691.813	691.998	692.765	693.410
6.0250	693.502	693.502	693.656	693.840	693.932	694.055	694.085	694.024	694.177	694.239
6.5250	694.085	693.993	693.901	693.932	693.963	693.809	693.809	694.024	693.871	693.778
7.0250	693.840	693.901	693.932	693.686	693.778	693.963	693.809	693.778	693.901	693.840
7.5250	693.840	693.809	693.840	693.809	693.962	693.962	694.116	694.085	694.147	694.085
8.0250	694.147	694.239	694.208	694.331	694.484	694.423	694.484	694.423	694.454	694.607
8.5250	694.607	694.607	694.699	694.822	694.853	694.914	695.006	695.006	694.976	695.006
9.0250	695.006	695.037	694.976	695.037	694.976	695.037	695.037	695.037	695.037	695.037
9.5250	695.037	695.037	695.037	695.037	695.037	695.037	695.037	695.037	695.037	695.037
10.0250	695.037	695.037	695.037	695.037	695.037	695.037	695.068	695.037	695.068	695.037
10.5250	695.098	695.068	695.068	695.129	695.037	695.068	695.068	695.098	695.068	695.129
11.0250	695.160	695.282	695.190	695.313	695.221	695.344	695.436	695.344	695.436	695.344
11.5250	695.497	695.559	695.528	695.559	695.743	695.743	695.804	695.957	695.927	696.111
12.0250	696.080	696.111	696.295	696.295	696.325	696.325	696.509	696.448	696.479	696.540
12.5250	696.540	696.540	696.571	696.571	696.571	696.540	696.571	696.571	696.571	696.540
13.0250	696.571	696.571	696.571	696.571	696.571	696.571	696.571	696.601	696.571	696.571
13.5250	696.571	696.601	696.632	696.663	696.693	696.663	696.724	696.755	696.816	696.755
14.0250	696.939	696.724	696.878	696.878	696.970	697.154	697.215	697.461	697.553	697.553
14.5250	697.737	697.584	697.798	697.798	697.890	697.890	697.890	698.075	698.075	698.075
15.0250	698.075	698.105	698.105	698.075	698.105	698.105	698.105	698.105	698.075	698.105
15.5250	698.105	698.105	698.105	698.105	698.105	698.105	698.105	698.105	698.105	698.105
16.0250	698.105	698.105	698.105	698.105	698.105	698.105	698.105	698.105	698.105	698.105
16.5250	698.136	698.136	698.105	698.228	698.351	698.289	698.504	698.535	698.688	698.657
17.0250	698.719	698.596	698.841	698.872	698.964	699.026	699.332	699.148	699.393	699.486
17.5250	699.332	699.455	699.424	699.486	699.486	699.608	699.639	699.578	699.547	699.547
18.0250	699.608	699.608	699.639	699.639	699.639	699.608	699.639	699.670	699.639	699.639
18.5250	699.639	699.639	699.639	699.670	699.700	699.731	699.731	699.854	699.639	699.731
19.0250	699.792	699.854	700.007	699.731	700.038	700.038	700.099	700.406	700.559	700.437
19.5250	700.621	700.774	700.774	700.928	700.989	701.081	701.143	701.081	701.173	701.173
20.0250	701.143	701.143	701.173	701.173	701.173	701.173	701.173	701.173	701.173	701.173
20.5250	701.173	701.204	701.204	701.173	701.235	701.265	701.235	701.357	701.296	701.357
21.0250	701.419	701.633	701.633	701.756	701.695	701.909	702.032	702.063	702.155	702.523
21.5250	702.492	702.339	702.462	702.492	702.462	702.462	702.523	702.400	702.707	702.646
22.0250	702.646	702.738	702.707	702.707	702.738	702.707	702.738	702.707	702.707	702.768
22.5250	702.707	702.707	702.738	702.707	702.707	702.707	702.707	702.707	702.768	702.768
23.0250	702.799	702.707	702.860	702.952	702.952	703.014	703.075	703.320	703.351	703.351
23.5250	703.443	703.566	703.872	703.841	703.964	703.933	704.087	704.117	704.209	704.179
24.0250	704.179	704.240	704.148	704.240	704.209	704.240	704.240	704.240	704.240	704.240
24.5250	704.240	704.240	704.240	704.240	704.271	704.301	704.271	704.240	704.332	704.332

TEST M3 HEAT BALANCE TRANSIENT 2598 (50 ms Averaged) TC14 K RECORD = 58

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0250	704.424	704.669	704.669	704.945	705.007	704.915	705.068	705.160	705.436	705.344
25.5250	705.589	705.589	705.712	705.651	705.712	705.773	705.743	705.773	705.773	705.773
26.0250	705.773	705.773	705.037	703.136	699.424	695.098	689.726	684.259	678.698	673.011
26.5250	667.935	663.135	658.577	654.788	651.367	648.716	646.218	644.214	642.763	640.912
27.0250	639.708	639.585	638.534	638.133	638.009	637.670	637.083	636.651	636.620	636.558
27.5250	636.558	636.558	636.558	636.558	636.558	636.558	636.558	636.558	636.558	636.558
28.0250	636.558	636.558	636.558	636.558	636.558	636.558	636.558	636.558	636.558	636.558
28.5250	636.558	636.558	636.558	636.558	636.558	636.558	636.558	636.558	636.558	636.558
29.0250	636.558	636.558	636.558	636.558	636.558	636.589	636.558	636.558	636.620	636.682
29.5250	636.620	636.589	636.682	636.713	636.682	636.743	636.713	636.774	637.021	637.021
30.0250	637.052	637.145	637.453	637.453	637.453	637.484	637.577	637.762	637.762	637.947
30.5250	637.947	637.978	637.947	638.040	638.009	637.947	638.071	638.102	638.102	638.102
31.0250	638.102	638.102	638.102	638.102	638.102	638.102	638.102	638.102	638.102	638.102
31.5250	638.225	638.163	638.225	638.287	638.225	638.534	638.380	638.503	638.689	638.627
32.0250	638.812	639.029	639.029	639.245	639.307	639.399	639.461	639.554	639.615	639.368
32.5250	639.615	639.615	639.646	639.646	639.646	639.646	639.646	639.646	639.646	639.646
33.0250	639.646	639.646	639.646	639.646	639.646	639.646	639.646	639.646	639.677	639.677
33.5250	639.646	639.646	639.739	639.708	639.677	639.677	639.924	639.832	640.294	640.264
34.0250	640.480	640.603	640.603	640.696	640.665	640.850	640.942	641.035	641.004	641.004
34.5250	641.189	640.973	641.097	641.282	641.313	641.344	641.560	641.498	641.436	641.559
35.0250	641.714	641.992	642.177	642.362	642.732	642.671	642.732	642.732	642.732	642.732
35.5250	642.732	642.732	642.732	642.732	642.732	642.732	642.763	642.732	642.732	642.732
36.0250	642.732	642.732	642.794	642.794	642.856	642.948	642.917	643.103	643.380	643.390
36.5250	643.535	643.720	643.936	643.967	643.998	644.214	644.152	644.214	644.275	644.244
37.0250	644.275	644.275	644.275	644.275	644.275	644.275	644.275	644.306	644.275	644.275
37.5250	644.275	644.337	644.275	644.368	644.429	644.553	644.645	644.676	645.015	645.231
38.0250	645.231	645.478	645.447	645.632	645.786	645.755	645.786	645.817	645.817	645.817
38.5250	645.817	645.817	645.817	645.817	645.817	645.817	645.817	645.817	645.817	645.940
39.0250	645.848	645.879	646.002	646.187	646.310	646.495	646.650	646.804	646.835	646.989
39.5250	647.205	647.267	647.328	647.359	647.328	647.359	647.359	647.359	647.359	647.359
40.0250	647.359	647.359	647.359	647.359	647.359	647.359	647.359	647.359	647.359	647.359
40.5250	647.359	647.359	647.359	647.359	647.359	647.359	647.359	647.359	647.359	647.359
41.0250	647.359	647.359	647.359	647.359	647.359	647.359	647.359	647.359	647.359	647.359
41.5250	647.359	647.359	647.359	647.359	647.359	647.359	647.359	647.359	647.359	647.359
42.0250	647.359	647.359	647.359	647.359	647.359	647.359	647.359	647.359	647.359	647.359
42.5250	647.359	647.359	647.359	647.359	647.359	647.359	647.359	647.359	647.359	647.359
43.0250	647.359	647.359	647.359	647.359	647.359	647.359	647.359	647.359	647.359	647.359
43.5250	647.359	647.359	647.359	647.359	647.359	647.359	647.359	647.359	647.359	647.359
44.0250	647.359	647.359	647.359	647.359	647.359	647.359	647.359	647.359	647.359	647.359
44.5250	647.359	647.359	647.359	647.359	647.359	647.359	647.359	647.359	647.359	647.359
45.0250	647.359	647.359	647.359	647.359	647.359	647.359	647.359	647.359	647.359	647.359
45.5250	647.359	647.359	647.359	647.359	647.359	647.359	647.359	647.359	647.359	647.359
46.0250	647.359	647.359	647.359	647.359	647.359	647.359	647.359	647.359	647.359	647.359
46.5250	647.359	647.359	647.359	647.359	647.359	647.359	647.359	647.359	647.359	647.359
47.0250	647.359	647.359	647.359	647.359	647.359	647.359	647.359	647.359	647.359	647.359
47.5250	647.359	647.359	647.359	647.359	647.359	647.359	647.359	647.359	647.359	647.359
48.0250	647.359	647.359	647.359	647.359	647.359	647.359	647.359	647.359	647.359	647.359
48.5250	647.359	647.359	647.359	647.359	647.359	647.359	647.359	647.359	647.359	647.359
49.0250	647.359	647.359	647.359	647.359	647.359	647.359	647.359	647.359	647.359	647.359
49.5250	647.359	647.359	647.359	647.359	647.359	647.359	647.359	647.359	647.359	647.359

TEST M3 HEAT BALANCE TRANSIENT 2598 (50 ms Averaged) TC15 K RECORD = 59

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	628.904	628.935	628.904	628.904	628.904	628.904	628.904	628.935	628.904	628.904
0.5250	628.904	628.904	628.904	628.904	628.904	628.904	628.904	628.904	628.904	628.904
1.0250	628.904	628.904	628.935	628.904	628.904	628.904	628.904	628.935	628.904	628.904
1.5250	628.904	628.904	628.904	628.904	628.904	628.904	628.904	628.904	628.904	628.935
2.0250	628.904	628.935	628.904	628.904	628.873	628.904	628.904	628.904	628.904	628.904
2.5250	628.904	628.904	628.904	628.904	628.904	628.904	628.935	628.904	628.904	628.904
3.0250	628.904	628.904	628.935	628.904	628.935	628.935	628.904	628.904	628.904	628.904
3.5250	628.935	628.904	628.904	628.966	628.935	628.997	629.121	629.368	629.708	629.739
4.0250	630.202	630.388	630.450	630.450	630.511	631.006	631.686	631.933	632.180	633.325
4.5250	633.695	634.808	635.858	636.723	638.081	639.564	641.231	643.484	645.891	648.729
5.0250	651.782	655.543	659.394	663.398	667.430	671.276	674.876	678.135	680.963	683.576
5.5250	685.756	687.599	689.136	690.640	691.899	692.452	693.465	693.588	694.079	694.847
6.0250	695.123	695.123	695.123	695.123	695.154	695.154	695.154	695.154	695.154	695.123
6.5250	695.123	695.184	695.123	695.154	695.123	695.123	695.123	695.154	695.123	695.123
7.0250	695.154	695.123	695.123	695.123	695.123	695.123	695.123	695.123	695.154	695.123
7.5250	695.154	695.154	695.154	695.123	695.123	695.184	695.184	695.184	695.154	695.276
8.0250	695.307	695.276	695.246	695.276	695.338	695.338	695.368	695.522	695.491	695.491
8.5250	695.552	695.767	695.706	695.828	695.767	696.043	696.013	696.043	696.319	696.319
9.0250	696.503	696.442	696.473	696.473	696.503	696.442	696.565	696.565	696.595	696.657
9.5250	696.595	696.595	696.565	696.657	696.595	696.657	696.626	696.626	696.657	696.657
10.0250	696.657	696.657	696.657	696.657	696.657	696.687	696.657	696.657	696.657	696.657
10.5250	696.657	696.657	696.687	696.657	696.687	696.687	696.687	696.718	696.780	696.780
11.0250	696.657	696.749	696.780	696.780	696.780	696.872	697.025	696.902	696.841	696.994
11.5250	697.056	697.087	697.302	697.271	697.209	697.240	697.455	697.302	697.578	697.793
12.0250	697.793	697.854	697.915	697.885	697.885	698.069	698.161	698.100	698.161	698.192
12.5250	698.192	698.192	698.161	698.192	698.192	698.192	698.192	698.192	698.192	698.192
13.0250	698.192	698.192	698.192	698.192	698.192	698.192	698.192	698.192	698.192	698.192
13.5250	698.192	698.192	698.192	698.192	698.192	698.192	698.192	698.192	698.192	698.192
14.0250	698.192	698.192	698.222	698.192	698.284	698.284	698.345	698.345	698.499	698.345
14.5250	698.499	698.744	698.867	698.836	699.082	699.051	699.205	699.328	699.205	699.328
15.0250	699.450	699.512	699.604	699.542	699.635	699.635	699.635	699.604	699.696	699.696
15.5250	699.727	699.727	699.696	699.696	699.727	699.727	699.727	699.727	699.727	699.727
16.0250	699.727	699.727	699.727	699.727	699.727	699.757	699.788	699.727	699.788	699.727
16.5250	699.788	699.788	699.850	699.880	699.819	699.880	700.126	700.095	700.156	700.218
17.0250	700.371	700.709	700.801	700.678	700.801	700.924	700.924	701.108	701.046	701.169
17.5250	701.200	701.200	701.231	701.261	701.231	701.261	701.261	701.261	701.261	701.261
18.0250	701.261	701.261	701.261	701.261	701.261	701.261	701.261	701.261	701.261	701.261
18.5250	701.261	701.261	701.261	701.292	701.384	701.353	701.445	701.292	701.415	701.323
19.0250	701.476	701.415	701.507	701.537	701.844	701.568	701.752	701.875	701.998	702.059
19.5250	702.335	702.335	702.427	702.519	702.703	702.611	702.672	702.795	702.795	702.764
20.0250	702.795	702.764	702.795	702.795	702.795	702.795	702.795	702.795	702.826	702.826
20.5250	702.887	702.856	702.887	702.918	702.856	703.040	702.979	703.133	703.163	703.255
21.0250	703.439	703.347	703.593	703.562	703.592	703.838	703.930	703.991	704.267	704.206
21.5250	704.298	704.083	704.114	704.206	704.022	704.114	704.145	704.083	704.329	704.298
22.0250	704.298	704.329	704.329	704.329	704.329	704.329	704.329	704.329	704.329	704.329
22.5250	704.329	704.329	704.329	704.359	704.329	704.329	704.359	704.329	704.329	704.329
23.0250	704.329	704.390	704.390	704.451	704.543	704.543	704.574	704.666	704.758	704.727
23.5250	705.003	705.187	705.187	705.187	705.463	705.463	705.433	705.555	705.739	705.708
24.0250	705.831	705.739	705.800	705.801	705.862	705.862	705.862	705.862	705.862	705.862
24.5250	705.892	705.862	705.893	705.862	705.893	705.862	705.954	706.015	706.077	706.199

TEST M3 HEAT BALANCE TRANSIENT 2598 (50 ms Averaged) TC15 K RECORD = 60

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0250	706.046	706.261	706.475	706.527	706.598	706.813	706.905	707.089	707.212	707.181
25.5250	707.304	707.366	707.366	707.366	707.396	707.396	707.396	707.396	707.396	707.396
26.0250	707.396	707.396	706.506	703.961	699.818	694.355	688.490	682.161	676.136	670.415
26.5250	664.968	660.164	656.128	652.368	649.593	647.063	645.088	643.391	642.157	640.552
27.0250	639.718	639.687	639.039	638.267	638.174	638.143	638.020	637.649	637.402	637.248
27.5250	637.001	636.785	636.754	636.908	636.754	636.908	636.630	636.661	636.754	636.723
28.0250	636.723	636.692	636.692	636.630	636.692	636.692	636.630	636.661	636.630	636.692
28.5250	636.692	636.723	636.785	636.754	636.816	636.692	636.816	636.723	636.816	636.723
29.0250	636.816	636.939	636.970	636.816	636.785	636.908	637.001	637.062	636.939	637.217
29.5250	637.063	637.124	637.464	637.371	637.495	637.526	637.618	637.896	637.742	637.711
30.0250	637.865	637.958	637.896	638.081	637.989	638.081	638.081	638.112	638.112	638.174
30.5250	638.174	638.174	638.174	638.143	638.174	638.174	638.174	638.174	638.205	638.174
31.0250	638.174	638.174	638.236	638.174	638.205	638.236	638.267	638.174	638.359	638.359
31.5250	638.514	638.606	638.668	638.606	638.761	638.946	639.008	639.224	639.286	639.348
32.0250	639.440	639.379	639.533	639.626	639.687	639.687	639.718	639.657	639.718	639.564
32.5250	639.718	639.718	639.718	639.718	639.718	639.718	639.718	639.718	639.718	639.718
33.0250	639.718	639.718	639.718	639.749	639.718	639.718	639.811	639.718	639.842	639.904
33.5250	639.965	639.749	640.027	640.027	640.151	639.965	640.305	640.336	640.521	640.861
34.0250	640.860	640.861	641.107	640.984	640.953	640.860	641.107	641.200	641.107	641.231
34.5250	641.354	641.385	641.293	641.570	641.694	641.755	641.972	641.971	641.817	641.755
35.0250	642.033	642.280	642.527	642.465	642.805	642.805	642.805	642.805	642.805	642.805
35.5250	642.805	642.805	642.805	642.805	642.805	642.805	642.805	642.805	642.897	642.867
36.0250	642.959	642.897	643.052	643.144	643.237	643.175	643.422	643.545	643.916	643.823
36.5250	644.163	643.916	644.255	644.286	644.286	644.224	644.286	644.317	644.348	644.348
37.0250	644.348	644.348	644.348	644.348	644.348	644.379	644.348	644.348	644.348	644.379
37.5250	644.440	644.471	644.564	644.811	644.656	645.058	645.212	645.243	645.459	645.551
38.0250	645.706	645.736	645.860	645.829	645.891	645.860	645.829	645.891	645.891	645.891
38.5250	645.891	645.891	645.891	645.891	645.891	645.891	645.891	645.891	645.922	646.076
39.0250	646.107	646.168	646.323	646.415	646.755	646.940	646.971	647.187	647.125	647.341
39.5250	647.372	647.372	647.434	647.403	647.434	647.434	647.434	647.434	647.434	647.434
40.0250	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434
40.5250	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434
41.0250	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434
41.5250	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434
42.0250	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434
42.5250	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434
43.0250	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434
43.5250	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434
44.0250	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434
44.5250	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434
45.0250	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434
45.5250	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434
46.0250	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434
46.5250	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434
47.0250	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434
47.5250	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434
48.0250	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434
48.5250	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434
49.0250	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434
49.5250	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434	647.434

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	628.974	628.974	628.974	628.974	628.974	628.974	628.974	628.974	628.974	628.974
0.5250	628.974	628.974	628.974	628.974	628.974	628.974	628.974	628.974	628.974	628.974
1.0250	628.974	628.974	628.974	628.974	628.974	628.974	628.974	628.974	628.974	628.943
1.5250	628.974	628.974	628.974	628.974	628.974	628.974	628.974	628.974	628.974	628.974
2.0250	628.974	628.974	628.974	628.974	628.974	628.974	628.974	628.974	628.974	628.974
2.5250	628.974	628.943	628.974	628.943	628.974	628.974	628.974	628.943	628.974	628.974
3.0250	628.974	628.974	628.974	628.974	628.974	628.943	628.974	628.974	628.974	628.974
3.5250	628.974	628.974	628.943	628.974	628.974	628.974	628.974	628.974	628.974	628.974
4.0250	628.974	628.974	628.974	628.974	628.974	628.974	628.974	628.974	628.974	628.974
4.5250	628.974	628.974	629.098	628.974	629.005	629.098	629.036	629.067	629.222	629.438
5.0250	630.026	630.367	630.521	630.521	630.521	630.521	630.676	631.109	631.572	631.603
5.5250	632.036	632.005	631.974	632.067	632.067	632.036	632.067	632.036	632.067	632.036
6.0250	632.036	632.067	632.067	632.067	632.067	632.067	632.067	632.036	632.067	632.067
6.5250	632.036	632.067	632.036	632.036	632.0[illegible]	632.067	632.067	632.067	632.036	632.067
7.0250	632.067	632.067	632.067	632.067	632.0[illegible]	632.067	632.036	632.067	632.067	632.036
7.5250	632.036	632.067	632.036	632.067	632.067	632.036	632.036	632.036	632.067	632.067
8.0250	632.005	632.067	632.067	632.036	632.067	632.067	632.067	632.067	631.974	632.036
8.5250	632.067	632.067	632.036	632.036	632.005	631.912	632.067	632.036	632.036	632.005
9.0250	632.005	632.036	632.067	632.067	632.067	632.067	632.036	632.036	632.067	632.067
9.5250	632.067	632.067	632.067	632.036	632.067	632.067	632.067	632.067	632.067	632.067
10.0250	632.067	632.067	632.067	632.067	632.067	632.067	632.067	632.067	632.067	632.067
10.5250	632.067	632.067	632.067	632.036	632.067	632.067	632.067	632.067	632.067	632.067
11.0250	632.067	632.067	632.067	632.036	632.067	632.067	632.067	632.067	632.067	632.067
11.5250	632.067	632.067	632.067	632.067	632.067	632.067	632.067	632.067	632.067	632.067
12.0250	632.067	632.067	632.067	632.067	632.067	632.067	632.067	632.067	632.067	632.036
12.5250	632.067	632.067	632.067	632.067	632.067	632.067	632.067	632.067	632.067	632.067
13.0250	632.067	632.067	632.067	632.067	632.067	632.067	632.067	632.067	632.067	632.067
13.5250	632.067	632.067	632.067	632.067	632.067	632.067	632.067	632.067	632.067	632.067
14.0250	632.067	632.067	632.067	632.067	632.067	632.067	632.067	632.067	632.067	632.067
14.5250	632.067	632.067	632.067	632.067	632.067	632.067	632.067	632.067	632.067	632.067
15.0250	632.067	632.067	632.067	632.067	632.067	632.067	632.067	632.067	632.067	632.067
15.5250	632.067	632.067	632.067	632.067	632.067	632.067	632.067	632.067	632.067	632.067
16.0250	632.067	632.067	632.067	632.098	632.067	632.067	632.067	632.067	632.067	632.067
16.5250	632.067	632.067	632.067	632.067	632.067	632.067	632.067	632.098	632.067	632.098
17.0250	632.098	632.129	632.067	632.067	632.067	632.129	632.067	632.067	632.067	632.067
17.5250	632.067	632.129	632.067	632.067	632.098	632.067	632.098	632.067	632.067	632.098
18.0250	632.067	632.067	632.067	632.098	632.067	632.098	632.067	632.067	632.098	632.067
18.5250	632.129	632.067	632.190	632.190	632.129	632.129	632.129	632.098	632.159	632.067
19.0250	632.098	632.067	632.129	632.190	632.067	632.067	632.129	632.129	632.159	632.283
19.5250	632.345	632.129	632.159	632.159	632.283	632.221	632.252	632.283	632.561	632.747
20.0250	632.561	632.654	632.592	632.530	632.592	632.994	632.870	633.056	633.025	632.932
20.5250	632.654	632.963	632.932	633.117	632.839	632.932	633.056	633.148	633.210	632.994
21.0250	633.117	633.395	633.426	633.457	633.365	633.519	633.519	633.550	633.550	633.519
21.5250	633.581	633.395	633.426	633.457	633.395	633.395	633.488	633.365	633.612	633.581
22.0250	633.581	633.612	633.612	633.581	633.612	633.612	633.612	633.612	633.612	633.612
22.5250	633.612	633.612	633.581	633.612	633.612	633.581	633.643	633.643	633.612	633.643
23.0250	633.612	633.612	633.643	633.643	633.674	633.704	633.735	633.612	633.735	633.766
23.5250	633.735	633.952	634.013	633.952	633.921	634.137	634.415	634.322	634.384	634.477
24.0250	634.508	634.384	634.477	634.631	634.693	634.879	634.909	634.940	635.064	635.002
24.5250	635.095	635.002	635.064	635.126	635.157	635.157	635.157	635.157	635.157	635.188

TEST M3 HEAT BALANCE TRANSIENT 2598 (50 ms Averaged) TC16 K RECORD = 62

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0250	635.157	635.157	635.157	635.126	635.157	635.188	635.280	635.249	635.219	635.373
25.5250	635.249	635.497	635.342	635.620	635.466	635.342	635.435	635.651	635.744	635.651
26.0250	635.775	635.775	636.176	636.516	636.702	636.702	636.702	636.609	635.806	635.219
26.5250	635.157	635.157	635.157	634.879	634.693	634.168	633.921	633.797	633.674	633.674
27.0250	633.643	633.735	633.674	633.612	633.674	633.766	633.674	633.674	633.704	633.704
27.5250	633.612	633.674	633.643	633.674	633.674	633.735	633.735	633.859	633.797	633.735
28.0250	633.921	633.828	633.859	634.013	633.952	634.044	634.261	634.137	634.199	634.570
28.5250	634.477	634.755	634.601	634.879	634.971	635.033	634.940	634.879	635.157	635.064
29.0250	635.064	635.126	635.126	635.126	635.157	635.157	635.188	635.157	635.219	635.157
29.5250	635.188	635.188	635.157	635.188	635.280	635.249	635.342	635.219	635.528	635.466
30.0250	635.589	635.651	635.589	636.022	635.867	636.145	636.424	636.454	636.547	636.609
30.5250	636.578	636.702	636.702	636.702	636.702	636.702	636.702	636.702	636.702	636.702
31.0250	636.702	636.702	636.702	636.702	636.702	636.733	636.702	636.733	636.794	636.794
31.5250	636.825	636.825	637.103	636.980	637.258	637.196	637.320	637.505	637.721	637.845
32.0250	637.814	637.845	637.938	638.185	638.061	638.123	638.185	638.247	638.216	638.123
32.5250	638.247	638.247	638.247	638.247	638.308	638.308	638.278	638.339	638.339	638.525
33.0250	638.463	638.618	638.649	638.803	638.803	638.865	639.051	639.329	639.360	639.422
33.5250	639.576	639.700	639.669	639.669	639.792	639.792	639.762	639.792	639.792	639.792
34.0250	639.792	639.792	639.792	639.762	639.669	639.638	639.669	639.762	639.669	639.762
34.5250	639.731	639.638	639.731	639.731	639.638	639.700	639.792	639.792	639.700	639.823
35.0250	639.946	640.193	640.533	640.656	640.873	641.150	641.305	641.243	641.243	641.305
35.5250	641.335	641.335	641.397	641.459	641.644	641.644	641.798	641.891	642.015	642.354
36.0250	642.478	642.478	642.817	642.786	642.848	642.848	642.848	642.879	642.879	642.879
36.5250	642.910	642.879	642.879	642.879	642.879	642.910	642.879	642.879	642.879	642.879
37.0250	642.879	642.910	642.879	642.941	643.126	643.219	643.373	643.373	643.497	643.744
37.5250	643.867	644.145	644.238	644.238	644.362	644.362	644.392	644.423	644.423	644.423
38.0250	644.423	644.423	644.423	644.423	644.423	644.423	644.423	644.423	644.423	644.485
38.5250	644.485	644.454	644.578	644.547	644.732	644.855	644.855	645.164	645.195	645.534
39.0250	645.534	645.719	645.781	645.935	645.935	645.966	645.966	645.966	645.966	645.966
39.5250	645.966	645.966	645.966	645.966	645.966	645.966	645.966	645.966	645.997	645.997
40.0250	645.997	645.997	645.997	645.997	645.997	645.997	645.997	645.997	645.997	645.997
40.5250	645.997	645.997	645.997	645.997	645.997	645.997	645.997	645.997	645.997	645.997
41.0250	645.997	645.997	645.997	645.997	645.997	645.997	645.997	645.997	645.997	645.997
41.5250	645.997	645.997	645.997	645.997	645.997	645.997	645.997	645.997	645.997	645.997
42.0250	645.997	645.997	645.997	645.997	645.997	645.997	645.997	645.997	645.997	645.997
42.5250	645.997	645.997	645.997	645.997	645.997	645.997	645.997	645.997	645.997	645.997
43.0250	645.997	645.997	645.997	645.997	645.997	645.997	645.997	645.997	645.997	645.997
43.5250	645.997	645.997	645.997	645.997	645.997	645.997	645.997	645.997	645.997	645.997
44.0250	645.997	645.997	645.997	645.997	645.997	645.997	645.997	645.997	645.997	645.997
44.5250	645.997	645.997	645.997	645.997	645.997	645.997	645.997	645.997	645.997	645.997
45.0250	645.997	645.997	645.997	645.997	645.997	645.997	645.997	645.997	645.997	645.997
45.5250	645.997	645.997	645.997	645.997	645.997	645.997	645.997	645.997	645.997	645.997
46.0250	645.997	645.997	645.997	645.997	645.997	645.997	645.997	645.997	645.997	645.997
46.5250	645.997	645.997	645.997	645.997	645.997	645.997	645.997	645.997	645.997	645.997
47.0250	645.997	645.997	645.997	645.997	645.997	645.997	645.997	645.997	645.997	645.997
47.5250	645.997	645.997	645.997	645.997	645.997	645.997	645.997	645.997	645.997	645.997
48.0250	645.997	645.997	645.997	645.997	645.997	645.997	645.997	645.997	645.997	645.997
48.5250	645.997	645.997	645.997	645.997	645.997	645.997	645.997	645.997	645.997	645.997
49.0250	645.997	645.997	645.997	645.997	645.997	645.997	645.997	645.997	645.997	645.997
49.5250	645.997	645.997	645.997	645.997	645.997	645.997	645.997	645.997	645.997	645.997

TEST M3 HEAT BALANCE TRANSIENT 2598 (50 ms Averaged) TC17 K RECORD = 63

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	628.904	628.904	628.904	628.904	628.842	628.904	628.966	628.935	628.904	628.904
0.5250	628.904	628.904	628.966	628.873	628.904	628.904	628.904	628.935	628.904	628.904
1.0250	628.904	628.904	628.904	628.904	628.904	628.904	628.904	628.904	628.904	628.935
1.5250	628.904	628.904	628.935	628.935	628.873	628.904	628.873	628.966	628.904	628.904
2.0250	628.904	628.904	628.904	628.904	628.873	628.904	628.904	628.904	628.904	628.904
2.5250	628.935	628.873	628.904	628.935	628.935	628.904	628.873	628.935	628.873	628.842
3.0250	628.873	628.873	628.904	628.904	628.873	628.904	628.904	628.904	628.842	628.904
3.5250	628.935	628.873	628.904	628.873	628.904	628.873	628.904	628.873	628.842	628.904
4.0250	628.904	628.873	628.904	628.873	628.904	628.873	628.873	628.873	628.904	628.904
4.5250	628.904	628.904	628.904	628.904	628.935	628.904	628.904	628.904	628.904	628.935
5.0250	628.966	628.997	628.997	629.059	629.182	629.306	629.121	629.430	629.461	629.430
5.5250	629.430	629.646	629.739	629.615	629.801	629.677	629.862	629.986	630.079	629.924
6.0250	629.893	629.862	629.893	630.202	629.986	630.079	630.172	630.141	630.172	630.233
6.5250	630.264	630.172	630.295	630.264	630.264	630.079	630.202	630.233	630.233	630.295
7.0250	630.141	630.233	630.295	630.233	630.295	630.233	630.295	630.233	630.326	630.326
7.5250	630.233	630.233	630.326	630.326	630.357	630.264	630.295	630.264	630.264	630.264
8.0250	630.326	630.233	630.388	630.264	630.295	630.326	630.264	630.357	630.326	630.295
8.5250	630.295	630.295	630.264	630.233	630.295	630.295	630.357	630.295	630.202	630.295
9.0250	630.233	630.202	630.172	630.264	630.357	630.295	630.326	630.357	630.264	630.326
9.5250	630.326	630.388	630.264	630.264	630.295	630.264	630.295	630.264	630.295	630.326
10.0250	630.264	630.357	630.264	630.172	630.264	630.233	630.295	630.202	630.233	630.233
10.5250	630.295	630.295	630.295	630.264	630.326	630.357	630.264	630.388	630.295	630.264
11.0250	630.202	630.233	630.326	630.264	630.326	630.172	630.295	630.172	630.326	630.172
11.5250	630.048	630.202	630.264	630.233	630.326	630.233	630.233	630.233	630.202	630.264
12.0250	630.233	630.141	630.326	630.295	630.202	630.110	630.419	630.388	630.326	630.357
12.5250	630.388	630.357	630.295	630.326	630.295	630.233	630.326	630.295	630.357	630.264
13.0250	630.357	630.295	630.172	630.295	630.264	630.326	630.326	630.326	630.357	630.295
13.5250	630.326	630.388	630.264	630.326	630.264	630.357	630.357	630.202	630.233	630.357
14.0250	630.233	630.233	630.202	630.326	630.233	630.264	630.295	630.264	630.388	630.326
14.5250	630.326	630.264	630.326	630.233	630.295	630.264	630.326	630.295	630.233	630.357
15.0250	630.295	630.295	630.295	630.264	630.326	630.295	630.295	630.388	630.264	630.357
15.5250	630.388	630.388	630.326	630.357	630.357	630.326	630.388	630.357	630.388	630.357
16.0250	630.419	630.388	630.326	630.388	630.388	630.357	630.419	630.326	630.419	630.388
16.5250	630.326	630.357	630.450	630.388	630.419	630.419	630.419	630.357	630.419	630.388
17.0250	630.419	630.388	630.388	630.388	630.450	630.419	630.419	630.419	630.450	630.357
17.5250	630.419	630.450	630.450	630.419	630.450	630.419	630.388	630.419	630.388	630.450
18.0250	630.450	630.419	630.419	630.419	630.419	630.450	630.450	630.450	630.419	630.481
18.5250	630.450	630.450	630.419	630.481	630.481	630.450	630.450	630.450	630.481	630.450
19.0250	630.481	630.481	630.450	630.450	630.450	630.450	630.511	630.481	630.511	630.450
19.5250	630.450	630.481	630.481	630.450	630.542	630.450	630.481	630.481	630.511	630.511
20.0250	630.604	630.604	630.573	630.481	630.635	630.635	630.542	630.635	630.511	630.542
20.5250	630.635	630.635	630.697	630.728	630.759	630.635	630.697	630.790	630.790	630.820
21.0250	630.635	630.882	631.006	630.975	630.728	630.944	631.129	631.068	631.068	630.944
21.5250	631.099	631.068	631.037	630.851	631.191	631.253	631.284	631.129	631.469	631.346
22.0250	631.346	631.500	631.469	631.562	631.562	631.686	631.809	631.747	631.624	631.840
22.5250	631.655	631.840	631.778	631.809	631.778	631.871	631.964	631.964	631.964	631.964
23.0250	631.871	631.933	631.933	631.995	632.026	631.995	631.995	631.995	632.056	631.995
23.5250	632.026	632.056	632.026	632.056	631.995	632.056	632.026	632.056	632.118	632.118
24.0250	632.087	632.087	632.087	632.273	632.304	632.149	632.242	632.335	632.520	632.459
24.5250	632.397	632.428	632.551	632.675	632.551	632.737	632.551	632.861	632.923	633.046

TEST M3 HEAT BALANCE TRANSIENT 2598 (50 ms Averaged) TC17 K RECORD = 64

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0250	633.046	633.139	633.108	633.263	633.232	633.325	633.448	633.355	633.417	633.448
25.5250	633.541	633.479	633.448	633.479	633.510	633.479	633.510	633.541	633.541	633.572
26.0250	633.572	633.572	633.603	633.541	633.541	633.510	633.448	633.479	633.510	633.448
26.5250	633.479	633.417	633.386	633.263	633.417	633.417	633.355	633.417	633.479	633.417
27.0250	633.448	633.479	633.510	633.417	633.510	633.448	633.510	633.479	633.479	633.510
27.5250	633.510	633.541	633.541	633.510	633.572	633.603	633.541	633.541	633.510	633.572
28.0250	633.603	633.572	633.603	633.726	633.695	633.757	633.665	633.665	633.881	633.757
28.5250	634.005	634.066	634.190	634.035	634.221	634.252	634.592	634.499	634.746	634.622
29.0250	634.870	634.653	634.931	634.870	634.993	634.993	634.962	634.993	635.055	635.055
29.5250	635.086	635.024	635.117	635.117	635.086	635.148	635.179	635.179	635.240	635.210
30.0250	635.179	635.271	635.426	635.487	635.488	635.642	635.580	635.704	635.827	635.951
30.5250	636.074	636.260	636.383	636.229	636.445	636.476	636.476	636.507	636.599	636.630
31.0250	636.630	636.599	636.661	636.599	636.630	636.692	636.630	636.630	636.661	636.661
31.5250	636.785	636.723	636.754	636.754	636.908	636.970	637.063	637.155	637.001	637.371
32.0250	637.310	637.526	637.742	637.680	637.742	637.896	637.958	637.865	638.174	638.019
32.5250	638.112	638.143	638.050	638.174	638.236	638.174	638.205	638.205	638.267	638.328
33.0250	638.328	638.267	638.390	638.483	638.545	638.545	638.761	638.853	639.101	638.946
33.5250	639.255	639.379	639.471	639.409	639.502	639.657	639.626	639.687	639.626	639.687
34.0250	639.657	639.687	639.718	639.595	639.564	639.471	639.471	639.564	639.533	639.564
34.5250	639.502	639.656	639.502	639.626	639.564	639.656	639.811	639.811	639.564	639.656
35.0250	639.687	639.965	640.120	640.336	640.552	640.675	640.706	640.891	641.077	641.169
35.5250	641.231	641.262	641.293	641.262	641.385	641.601	641.540	641.540	641.632	641.756
36.0250	642.002	642.064	642.126	642.373	642.589	642.620	642.712	642.743	642.743	642.774
36.5250	642.805	642.774	642.836	642.774	642.805	642.805	642.805	642.867	642.805	642.836
37.0250	642.836	642.867	642.836	642.897	642.897	643.113	643.113	643.175	643.237	643.422
37.5250	643.545	643.638	643.792	644.008	644.101	644.132	644.163	644.224	644.317	644.317
38.0250	644.348	644.348	644.317	644.317	644.379	644.379	644.348	644.379	644.379	644.379
38.5250	644.379	644.440	644.502	644.595	644.533	644.595	644.780	644.903	645.027	645.181
39.0250	645.274	645.490	645.613	645.582	645.675	645.829	645.829	645.798	645.860	645.922
39.5250	645.891	645.891	645.891	645.891	645.891	645.891	645.922	645.952	645.922	645.952
40.0250	645.952	645.952	645.952	645.952	645.952	645.952	645.952	645.952	645.952	645.952
40.5250	645.952	645.952	645.952	645.952	645.952	645.952	645.952	645.952	645.952	645.952
41.0250	645.952	645.952	645.952	645.952	645.952	645.952	645.952	645.952	645.952	645.952
41.5250	645.952	645.952	645.952	645.952	645.952	645.952	645.952	645.952	645.952	645.952
42.0250	645.952	645.952	645.952	645.952	645.952	645.952	645.952	645.952	645.952	645.952
42.5250	645.952	645.952	645.952	645.952	645.952	645.952	645.952	645.952	645.952	645.952
43.0250	645.952	645.952	645.952	645.952	645.952	645.952	645.952	645.952	645.952	645.952
43.5250	645.952	645.952	645.952	645.952	645.952	645.952	645.952	645.952	645.952	645.952
44.0250	645.952	645.952	645.952	645.952	645.952	645.952	645.952	645.952	645.952	645.952
44.5250	645.952	645.952	645.952	645.952	645.952	645.952	645.952	645.952	645.952	645.952
45.0250	645.952	645.952	645.952	645.952	645.952	645.952	645.952	645.952	645.952	645.952
45.5250	645.952	645.952	645.952	645.952	645.952	645.952	645.952	645.952	645.952	645.952
46.0250	645.952	645.952	645.952	645.952	645.952	645.952	645.952	645.952	645.952	645.952
46.5250	645.952	645.952	645.952	645.952	645.952	645.952	645.952	645.952	645.952	645.952
47.0250	645.952	645.952	645.952	645.952	645.952	645.952	645.952	645.952	645.952	645.952
47.5250	645.952	645.952	645.952	645.952	645.952	645.952	645.952	645.952	645.952	645.952
48.0250	645.952	645.952	645.952	645.952	645.952	645.952	645.952	645.952	645.952	645.952
48.5250	645.952	645.952	645.952	645.952	645.952	645.952	645.952	645.952	645.952	645.952
49.0250	645.952	645.952	645.952	645.952	645.952	645.952	645.952	645.952	645.952	645.952
49.5250	645.952	645.952	645.952	645.952	645.952	645.952	645.952	645.952	645.952	645.952

TEST M3 HEAT BALANCE TRANSIENT 2598 (50 ms Averaged) TC18 K RECORD = 65

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0256	630.996	630.680	630.606	630.801	630.824	630.922	630.870	630.434	630.727	630.652
0.5256	630.371	630.319	630.795	630.537	630.417	630.675	630.331	630.709	630.445	630.428
1.0256	630.291	630.595	630.136	630.721	631.277	630.732	631.042	630.772	630.434	630.600
1.5256	629.433	630.457	630.302	630.721	630.589	630.847	631.071	630.560	629.780	631.329
2.0256	630.055	630.549	630.468	630.686	630.411	630.354	631.277	630.847	630.979	630.279
2.5256	630.549	630.939	630.170	630.469	630.709	630.681	630.755	630.858	630.250	631.002
3.0256	631.042	630.560	630.606	630.319	630.945	630.813	630.520	631.134	630.881	630.537
3.5256	630.709	630.617	630.348	630.549	630.577	630.365	630.348	630.147	629.705	630.715
4.0256	630.675	629.889	630.159	631.214	631.300	631.386	630.715	631.323	631.868	631.254
4.5256	631.191	631.564	632.074	631.776	631.547	631.891	631.696	632.017	633.336	633.858
5.0256	634.306	634.621	634.948	636.244	637.115	637.545	638.250	640.262	641.236	642.949
5.5256	645.149	647.772	649.834	652.324	654.785	658.270	660.271	663.869	666.911	670.289
6.0256	674.134	676.911	679.351	681.246	684.123	686.350	688.416	690.841	692.524	694.059
6.5256	695.600	696.940	697.853	699.079	699.855	700.619	700.950	701.497	702.301	703.487
7.0256	703.567	703.789	704.040	703.995	704.838	705.158	704.536	704.354	704.770	704.964
7.5256	705.044	704.952	705.465	705.545	705.819	705.677	705.779	706.349	706.081	706.167
8.0256	706.862	706.344	706.537	706.959	706.606	706.349	706.589	706.845	707.165	707.290
8.5256	706.703	706.874	706.475	706.771	706.851	707.706	707.210	707.569	707.569	707.814
9.0256	708.088	708.042	708.282	708.470	708.242	708.065	707.677	707.900	708.555	707.831
9.5256	707.336	708.287	707.934	708.778	708.607	708.578	708.407	707.980	708.584	709.331
10.0256	708.915	708.863	708.647	708.806	709.296	708.607	708.669	708.795	708.401	708.116
10.5256	709.234	709.222	709.445	709.308	709.000	709.758	709.427	708.012	709.177	709.342
11.0256	709.308	709.690	709.644	709.439	710.220	709.473	709.114	709.559	709.616	709.182
11.5256	709.576	709.912	709.359	710.055	709.735	710.231	710.111	710.396	709.353	710.248
12.0256	710.408	710.066	709.730	710.277	710.864	710.533	709.615	710.106	710.465	710.465
12.5256	710.100	710.761	710.693	710.448	710.072	711.269	711.018	710.744	710.562	711.331
13.0256	710.790	710.704	710.841	711.639	710.738	710.642	709.745	711.730	711.229	711.172
13.5256	710.841	712.146	711.120	711.411	711.810	711.576	711.308	711.479	711.286	711.365
14.0256	711.491	711.479	710.824	712.249	712.215	711.548	711.274	711.371	711.468	711.565
14.5256	711.508	712.192	712.511	712.095	711.616	712.517	712.295	712.015	710.954	712.750
15.0256	712.106	712.511	712.682	712.226	712.819	713.240	712.084	715.276	712.693	712.955
15.5256	713.354	713.326	713.092	713.047	713.132	713.337	713.166	713.423	713.423	714.158
16.0256	714.067	713.588	713.360	713.776	713.417	713.371	713.183	713.810	714.038	714.027
16.5256	713.354	713.696	713.571	713.662	713.845	714.591	714.278	714.557	714.158	713.976
17.0256	713.634	713.731	713.599	713.428	713.440	714.306	713.696	714.420	715.235	714.739
17.5256	714.067	714.608	714.887	714.591	714.796	714.580	714.528	714.904	714.625	714.631
18.0256	715.372	715.087	714.403	715.081	715.320	715.269	714.773	714.808	715.440	715.133
18.5256	715.138	715.526	715.685	714.574	714.973	716.055	715.731	715.987	715.486	715.348
19.0256	715.942	715.890	716.050	716.266	716.397	716.067	716.112	715.805	716.397	716.050
19.5256	715.771	716.916	716.614	716.158	716.073	716.796	717.110	717.001	716.301	716.927
20.0256	716.580	716.392	716.312	716.551	716.534	716.654	716.597	716.506	716.728	716.625
20.5256	716.597	716.637	717.115	717.121	716.642	717.155	717.320	717.298	717.315	718.540
21.0256	718.038	717.873	717.463	717.241	717.520	717.890	717.770	717.480	717.907	717.719
21.5256	717.309	716.396	716.430	716.654	717.104	717.233	718.477	717.000	717.457	718.591
22.0256	717.799	717.856	718.084	718.665	718.694	718.842	718.677	718.933	718.705	718.882
22.5256	718.745	718.762	719.212	719.240	718.836	719.195	718.876	718.990	719.269	719.554
23.0256	719.514	719.394	718.984	719.286	719.195	719.047	718.990	719.406	719.406	719.326
23.5256	718.637	719.030	719.138	719.087	718.608	719.651	719.543	719.685	719.947	719.542
24.0256	720.090	720.158	719.366	720.283	719.850	719.520	719.964	720.568	720.272	720.391
24.5256	719.309	720.260	720.386	720.836	720.340	720.403	721.086	720.340	720.107	721.172

TEST M3 HEAT BALANCE TRANSIENT 2598 (50 ms Averaged) TC18 K RECORD = 66

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0256	720.796	720.813	720.728	720.619	720.910	720.910	720.323	721.075	721.907	721.599
25.5256	721.309	721.246	721.605	721.451	720.944	721.810	722.647	721.833	721.417	721.667
26.0256	722.032	722.015	721.337	721.519	722.363	722.414	722.072	722.522	723.075	722.784
26.5256	722.112	722.448	721.480	720.608	719.224	718.147	715.959	713.662	710.482	707.455
27.0256	703.271	698.902	694.630	691.166	686.280	683.609	678.858	675.934	672.552	669.540
27.5256	666.082	664.064	661.770	658.865	657.492	655.781	654.407	652.971	651.483	650.796
28.0256	671.635	649.028	647.835	648.030	647.790	646.535	646.111	646.306	645.522	644.932
28.5256	645.023	645.075	644.949	643.832	643.431	643.643	643.900	643.419	643.138	642.886
29.0256	643.001	643.076	642.898	642.823	643.030	642.480	642.463	642.955	642.503	641.964
29.5256	641.895	642.359	642.096	641.987	641.230	642.239	642.314	642.033	641.557	642.004
30.0256	641.970	641.752	641.454	641.643	641.992	641.425	641.700	641.998	642.319	641.769
30.5256	640.967	641.970	642.205	641.551	641.414	641.821	641.821	641.993	640.743	641.288
31.0256	641.597	641.322	641.414	642.038	641.534	641.706	641.614	641.563	641.775	641.752
31.5256	641.649	641.718	641.947	642.021	641.866	642.027	642.193	641.786	641.632	641.746
32.0256	642.594	642.296	641.895	641.798	642.388	642.336	642.285	642.829	641.475	642.325
32.5256	641.901	642.623	643.104	642.674	641.895	642.714	643.230	642.405	641.849	642.674
33.0256	642.898	642.302	642.755	642.938	643.517	642.674	642.823	642.927	643.310	643.265
33.5256	643.018	643.276	643.270	643.144	642.692	643.654	643.351	643.316	643.081	643.098
34.0256	643.293	643.505	643.127	643.414	642.787	642.483	642.313	641.799	643.292	641.175
34.5256	641.876	641.887	641.446	639.733	642.582	641.966	643.154	641.088	640.863	639.038
35.0256	641.983	642.782	642.449	644.267	645.075	644.903	643.941	644.273	644.353	643.513
35.5256	643.964	645.189	645.172	644.302	644.451	645.178	645.029	645.178	644.949	645.275
36.0256	645.292	645.630	645.046	645.837	645.527	645.098	645.018	645.470	645.039	645.665
36.5256	645.315	646.014	646.100	645.550	645.522	646.043	645.894	646.146	645.121	646.140
37.0256	646.140	646.134	645.164	645.928	646.707	646.650	646.793	646.598	646.908	646.684
37.5256	646.278	646.598	645.800	646.724	646.461	646.633	647.343	646.140	646.610	646.942
38.0256	647.039	646.747	646.587	647.142	647.498	647.125	646.707	647.933	647.606	647.314
38.5256	646.931	647.509	647.956	647.664	647.108	647.658	647.984	648.356	647.589	648.070
39.0256	648.379	648.167	647.646	647.664	648.225	648.425	647.973	648.339	648.872	648.145
39.5256	648.322	648.820	649.227	649.112	648.099	649.347	649.112	648.545	648.202	649.273
40.0256	649.324	648.689	648.855	649.244	648.620	648.815	648.843	649.158	649.267	649.376
40.5256	648.889	649.507	650.069	649.456	649.599	649.582	650.132	649.925	649.336	649.633
41.0256	650.103	649.885	649.101	649.862	649.943	650.086	650.200	649.822	650.492	650.458
41.5256	649.765	650.372	650.996	650.269	650.097	650.635	651.151	650.234	650.240	650.910
42.0256	650.853	650.715	650.698	650.693	650.985	650.893	650.372	650.887	651.168	650.784
42.5256	651.133	651.305	651.202	651.282	650.979	651.322	651.923	651.334	651.099	651.391
43.0256	652.227	652.261	651.299	651.465	652.124	651.981	651.448	651.906	651.746	651.568
43.5256	651.242	651.494	651.969	651.036	651.374	651.322	651.786	651.265	650.773	651.820
44.0256	651.712	651.242	650.985	651.408	651.511	651.671	650.589	651.174	652.313	651.248
44.5256	650.870	651.729	651.219	651.328	651.070	650.856	651.946	651.317	651.437	651.654
45.0256	652.170	652.193	651.340	651.998	652.461	652.067	652.204	652.026	652.404	652.816
45.5256	651.895	652.301	653.143	652.673	652.227	652.616	653.532	652.988	652.685	652.971
46.0256	653.910	653.205	652.977	653.549	654.207	653.807	653.114	653.263	654.150	653.543
46.5256	653.343	653.995	654.219	654.442	653.835	653.571	654.636	653.434	653.904	654.241
47.0256	654.711	653.984	653.658	654.138	654.688	653.909	653.927	654.665	654.631	654.808
47.5256	654.339	654.373	654.831	655.134	654.058	654.791	655.054	654.488	654.333	655.174
48.0256	655.317	655.128	654.642	654.619	655.323	655.540	655.071	654.253	655.878	655.249
48.5256	654.493	655.277	655.689	655.369	655.008	655.169	655.855	655.718	655.060	655.907
49.0256	655.764	655.695	655.501	655.363	655.781	655.735	655.025	655.832	656.233	656.204
49.5256	655.672	656.153	656.565	655.872	655.918	656.044	656.754	656.530	655.970	655.987

TEST M3 HEAT BALANCE TRANSIENT 2598 (50 ms Averaged) TC19 K RECORD = 67

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	628.083	628.145	628.145	627.991	628.145	628.083	627.991	628.083	628.114	628.145
0.5250	628.145	628.145	627.991	628.176	628.145	628.022	628.083	628.083	628.083	628.083
1.0250	627.991	628.145	628.022	628.083	627.960	628.022	628.053	628.053	628.053	628.022
1.5250	628.114	628.053	628.114	628.053	628.022	628.053	628.083	627.991	628.022	628.083
2.0250	628.053	628.053	628.022	628.114	627.991	628.022	628.022	628.022	627.991	628.053
2.5250	627.960	627.960	627.960	628.053	627.867	627.929	628.022	627.991	628.114	627.836
3.0250	627.991	628.022	627.991	627.929	627.898	627.960	627.929	628.053	627.991	628.022
3.5250	627.898	627.960	627.991	627.929	628.022	627.929	627.929	628.083	627.960	627.898
4.0250	627.898	628.022	627.929	627.898	627.867	627.991	627.898	627.805	627.836	627.836
4.5250	627.836	627.960	627.836	627.744	627.836	627.867	627.805	627.713	627.836	627.805
5.0250	627.774	627.805	627.713	627.805	627.805	627.960	627.867	627.836	627.774	627.713
5.5250	627.774	627.774	627.744	627.713	627.867	627.744	627.805	627.774	627.744	627.805
6.0250	627.836	627.713	627.651	627.682	627.774	627.744	627.651	627.682	627.682	627.713
6.5250	627.589	627.651	627.713	627.682	627.682	627.651	627.682	627.620	627.744	627.713
7.0250	627.682	627.651	627.558	627.620	627.651	627.713	627.496	627.620	627.558	627.589
7.5250	627.496	627.682	627.589	627.620	627.620	627.589	627.527	627.589	627.558	627.558
8.0250	627.527	627.558	627.558	627.620	627.465	627.651	627.496	627.496	627.620	627.620
8.5250	627.589	627.620	627.620	627.558	627.465	627.620	627.465	627.465	627.620	627.435
9.0250	627.558	627.527	627.589	627.620	627.558	627.496	627.527	627.589	627.465	627.280
9.5250	627.465	627.558	627.465	627.496	627.558	627.651	627.527	627.465	627.404	627.496
10.0250	627.496	627.496	627.496	627.404	627.620	627.465	627.465	627.496	627.496	627.527
10.5250	627.496	627.527	627.558	627.496	627.435	627.527	627.435	627.465	627.527	627.280
11.0250	627.373	627.465	627.527	627.496	627.589	627.404	627.496	627.465	627.404	627.651
11.5250	627.373	627.589	627.496	627.496	627.558	627.527	627.558	627.404	627.589	627.527
12.0250	627.651	627.465	627.558	627.527	627.465	627.527	627.465	627.496	627.527	627.496
12.5250	627.558	627.404	627.435	627.589	627.589	627.465	627.527	627.620	627.558	627.435
13.0250	627.620	627.682	627.805	627.620	627.527	627.527	627.589	627.620	627.682	627.589
13.5250	627.651	627.589	627.620	627.682	627.774	627.589	627.589	627.713	627.620	627.744
14.0250	627.682	627.651	627.805	627.836	627.744	627.744	627.836	627.836	627.898	627.774
14.5250	627.960	627.836	627.774	627.867	627.867	627.836	627.774	627.836	627.898	627.898
15.0250	628.022	627.960	627.991	627.898	627.929	627.867	627.929	628.053	627.991	628.053
15.5250	627.960	627.898	628.145	628.083	628.022	628.083	628.145	628.083	628.083	628.145
16.0250	628.083	628.176	628.176	628.176	628.176	628.238	628.238	628.176	628.331	628.176
16.5250	628.331	628.207	628.300	628.362	628.300	628.331	628.331	628.454	628.362	628.362
17.0250	628.392	628.516	628.454	628.454	628.454	628.485	628.454	628.609	628.516	628.609
17.5250	628.547	628.701	628.671	628.701	628.671	628.763	628.701	628.825	628.763	628.763
18.0250	628.763	628.918	628.856	628.794	628.887	628.856	628.949	628.856	629.010	629.041
18.5250	629.010	629.010	629.072	629.134	629.196	629.165	629.319	629.258	629.227	629.350
19.0250	629.227	629.350	629.258	629.412	629.412	629.505	629.505	629.474	629.690	629.628
19.5250	629.598	629.598	629.567	629.721	629.721	629.783	629.783	629.814	629.721	629.876
20.0250	629.845	629.814	629.906	629.876	629.999	630.061	630.030	630.030	630.030	630.154
20.5250	630.277	630.154	630.154	630.277	630.277	630.277	630.185	630.432	630.494	630.463
21.0250	630.555	630.555	630.586	630.772	630.617	630.648	630.679	630.772	630.834	630.772
21.5250	630.926	631.050	630.895	631.019	631.081	631.019	630.957	631.112	631.143	631.174
22.0250	631.266	631.266	631.328	631.328	631.266	631.483	631.421	631.452	631.637	631.606
22.5250	631.575	631.668	631.699	631.853	631.822	631.822	631.915	632.008	631.946	632.131
23.0250	632.101	632.070	632.162	632.255	632.317	632.255	632.379	632.410	632.440	632.502
23.5250	632.533	632.533	632.657	632.749	632.842	632.842	632.966	632.904	632.966	633.027
24.0250	632.997	633.028	633.151	633.213	633.244	633.367	633.429	633.491	633.429	633.491
24.5250	633.552	633.769	633.707	633.923	633.830	634.077	634.201	634.139	634.263	634.201

TEST M3 HEAT BALANCE TRANSIENT 2598 (50 ms Averaged) TC19 K RECORD = 68

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0250	634.232	634.077	634.232	634.386	634.479	634.510	634.695	634.664	634.695	634.788
25.5250	634.757	634.849	634.849	634.880	635.158	635.035	635.189	635.096	635.405	635.436
26.0250	635.220	635.343	635.591	635.807	635.807	635.930	635.745	635.807	635.992	636.054
26.5250	635.992	636.116	636.239	636.301	636.455	636.363	636.363	636.610	636.455	636.610
27.0250	636.579	636.640	636.610	636.826	637.011	637.103	636.949	637.042	637.103	637.196
27.5250	637.289	637.381	637.412	637.474	637.505	637.597	637.597	637.628	637.751	637.721
28.0250	637.751	638.029	637.937	638.122	638.184	638.307	638.184	638.338	638.276	638.554
28.5250	638.430	638.523	638.492	638.739	638.801	638.924	638.955	639.048	639.048	639.079
29.0250	639.110	639.326	639.233	639.295	639.449	639.511	639.604	639.480	639.604	639.604
29.5250	639.758	639.727	639.789	639.789	639.820	639.850	639.912	640.036	640.128	640.221
30.0250	640.282	640.406	640.591	640.560	640.591	640.838	640.714	640.869	641.054	641.362
30.5250	641.300	641.146	641.300	641.177	641.732	641.825	641.887	642.010	642.103	642.041
31.0250	642.350	642.349	642.257	642.319	642.565	642.380	642.565	642.658	642.751	642.689
31.5250	642.781	642.874	643.213	643.275	642.874	643.244	643.275	643.460	643.521	643.583
32.0250	643.614	643.645	643.645	643.737	643.706	644.076	643.891	644.076	644.169	644.385
32.5250	644.107	644.200	644.292	644.385	644.385	644.447	644.632	644.539	644.632	644.847
33.0250	644.971	645.033	644.940	645.125	645.033	645.187	645.249	645.279	645.464	645.619
33.5250	645.403	645.619	645.680	645.835	646.204	646.050	645.989	646.297	646.081	646.266
34.0250	646.235	646.328	646.482	646.544	646.451	646.698	646.760	646.914	646.729	646.760
34.5250	646.914	646.975	647.099	647.068	647.160	647.191	647.191	647.407	647.222	647.654
35.0250	647.777	647.839	647.654	647.716	648.117	648.117	648.055	648.147	648.394	648.302
35.5250	648.363	648.363	648.548	648.487	648.518	648.579	648.548	648.518	648.518	648.672
36.0250	648.764	648.795	648.795	648.919	649.258	649.073	649.319	649.258	649.196	649.319
36.5250	649.535	649.319	649.443	649.443	649.566	649.689	649.905	649.782	649.658	649.905
37.0250	650.028	649.966	649.966	650.059	650.275	650.398	650.521	650.275	650.429	650.583
37.5250	650.429	650.521	650.460	650.706	650.984	651.014	651.107	651.199	651.014	651.138
38.0250	651.230	651.199	651.168	651.384	651.261	651.353	651.353	651.415	651.323	651.446
38.5250	651.662	651.600	651.600	651.538	651.754	651.785	651.939	652.031	651.939	652.154
39.0250	652.000	652.062	652.031	652.339	652.339	652.401	652.462	652.616	652.770	652.801
39.5250	652.678	652.770	652.801	652.801	652.832	653.017	652.955	652.740	652.955	653.078
40.0250	653.078	653.078	653.078	653.078	653.078	653.078	653.078	653.078	653.078	653.078
40.5250	653.078	653.078	653.078	653.078	653.078	653.078	653.078	653.078	653.078	653.078
41.0250	653.078	653.078	653.078	653.078	653.078	653.078	653.078	653.078	653.078	653.078
41.5250	653.078	653.078	653.078	653.078	653.078	653.078	653.078	653.078	653.078	653.078
42.0250	653.078	653.078	653.078	653.078	653.078	653.078	653.078	653.078	653.078	653.078
42.5250	653.078	653.078	653.078	653.078	653.078	653.078	653.078	653.078	653.078	653.078
43.0250	653.078	653.078	653.078	653.078	653.078	653.078	653.078	653.078	653.078	653.078
43.5250	653.078	653.078	653.078	653.078	653.078	653.078	653.078	653.078	653.078	653.078
44.0250	653.078	653.078	653.078	653.078	653.078	653.078	653.078	653.078	653.078	653.078
44.5250	653.078	653.078	653.078	653.078	653.078	653.078	653.078	653.078	653.078	653.078
45.0250	653.078	653.078	653.078	653.078	653.078	653.078	653.078	653.078	653.078	653.078
45.5250	653.078	653.078	653.078	653.078	653.078	653.078	653.078	653.078	653.078	653.078
46.0250	653.078	653.078	653.078	653.078	653.078	653.078	653.078	653.078	653.078	653.078
46.5250	653.078	653.078	653.078	653.078	653.078	653.078	653.078	653.078	653.078	653.078
47.0250	653.078	653.078	653.078	653.078	653.078	653.078	653.078	653.078	653.078	653.078
47.5250	653.078	653.078	653.078	653.078	653.078	653.078	653.078	653.078	653.078	653.078
48.0250	653.078	653.078	653.078	653.078	653.078	653.078	653.078	653.078	653.078	653.078
48.5250	653.078	653.078	653.078	653.078	653.078	653.078	653.078	653.078	653.078	653.078
49.0250	653.078	653.078	653.078	653.078	653.078	653.078	653.078	653.078	653.078	653.078
49.5250	653.078	653.078	653.078	653.078	653.078	653.078	653.078	653.078	653.078	653.078

TEST M3 HEAT BALANCE TRANSIENT 2598 (50 ms Averaged) TC20 K RECORD = 69

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0260	630.821	627.884	627.168	626.957	626.861	627.344	627.520	626.605	627.441	627.748
0.5260	627.731	627.117	627.344	627.850	627.418	626.929	626.974	627.907	628.078	626.900
1.0260	627.543	627.344	627.367	626.764	626.935	627.594	626.923	626.878	627.321	627.299
1.5260	627.424	627.162	627.242	627.515	627.492	627.452	627.503	627.446	627.299	627.333
2.0260	626.849	627.941	627.663	627.094	627.566	627.225	627.435	626.900	626.912	627.697
2.5260	627.446	627.253	627.259	627.515	627.003	626.582	627.384	627.810	627.276	626.952
3.0260	627.577	627.429	627.276	627.060	627.287	627.594	627.486	627.003	626.997	627.378
3.5260	627.537	626.986	626.718	627.259	627.793	626.826	627.247	627.645	627.691	627.270
4.0260	627.372	628.061	627.987	627.168	627.702	628.339	628.089	627.179	627.242	627.549
4.5260	627.215	627.668	627.901	628.527	628.134	627.810	627.446	628.242	627.634	627.037
5.0260	626.741	627.589	627.583	626.650	627.384	627.958	627.503	627.236	627.077	627.901
5.5260	627.941	626.576	627.475	627.640	627.543	627.537	627.281	627.850	627.355	627.486
6.0260	627.213	627.765	628.009	627.304	627.225	627.725	627.685	627.190	627.185	627.719
6.5260	626.974	627.258	626.690	627.435	627.685	626.735	626.622	627.685	628.049	627.446
7.0260	627.372	627.799	627.475	627.133	626.707	627.867	627.395	627.071	627.389	627.691
7.5260	627.452	626.844	626.707	628.140	627.389	627.310	626.952	627.935	627.788	626.576
8.0260	627.298	627.236	627.736	627.077	627.224	627.771	627.458	627.503	627.071	627.662
8.5260	627.577	627.236	627.475	627.429	627.958	627.270	627.225	627.549	627.702	627.196
9.0260	626.861	627.742	628.186	626.935	627.304	627.560	628.146	627.304	626.627	627.981
9.5260	627.896	627.566	626.809	627.566	627.532	626.963	627.441	627.765	627.810	627.190
10.0260	627.287	627.759	627.663	627.316	627.378	626.974	627.975	627.025	627.469	627.520
10.5260	627.628	626.991	626.741	627.406	627.486	627.293	626.923	627.355	628.021	627.031
11.0260	627.156	627.685	627.702	627.270	626.912	628.026	627.748	627.134	626.923	627.901
11.5260	628.419	627.350	627.259	628.083	627.992	627.230	627.304	627.572	627.532	627.355
12.0260	627.065	627.782	627.998	626.866	627.600	627.662	627.714	627.520	627.293	627.816
12.5260	628.271	627.020	627.730	627.787	627.873	627.492	627.566	627.776	627.702	627.611
13.0260	627.463	627.463	627.952	627.219	627.674	627.776	628.106	627.304	626.952	627.742
13.5260	627.867	627.753	627.674	628.072	628.078	627.435	627.668	628.095	628.294	627.367
14.0260	627.532	627.918	628.169	627.668	627.105	628.163	627.970	627.191	627.606	627.822
14.5260	628.328	627.577	627.634	628.476	628.265	627.583	627.970	628.095	628.197	627.406
15.0260	628.015	628.123	628.430	627.816	628.237	628.146	628.379	628.117	627.935	628.606
15.5260	628.749	628.333	627.992	628.129	628.538	627.964	628.094	628.277	628.333	628.271
16.0260	627.668	628.544	628.225	628.123	628.271	628.732	628.828	628.413	628.152	628.817
16.5260	628.481	628.197	628.066	629.118	628 931	628.129	628.624	628.436	628.459	628.259
17.0260	628.447	628.669	628.470	628.549	628.277	628.606	628.851	628.134	629.004	628.788
17.5260	629.272	628.544	628.430	628.800	628.862	628.510	628.248	628.714	629.596	628.732
18.0260	629.203	629.237	629.345	628.930	628.794	629.499	629.203	629.198	628.828	629.527
18.5260	629.886	629.067	629.033	629.692	629.760	629.527	628.726	629.647	629.590	629.596
19.0260	628.891	629.459	629.874	629.186	629.749	630.033	629.914	629.903	629.550	630.090
19.5260	630.113	629.954	629.573	630.227	630.079	629.243	629.539	630.051	630.039	629.977
20.0260	629.908	630.301	630.414	630.022	629.943	630.454	630.807	630.062	630.392	630.517
20.5260	631.057	630.534	629.886	630.824	630.829	630.596	630.147	630.824	631.335	630.778
21.0260	630.517	630.744	630.682	631.000	630.289	631.568	631.722	630.829	630.562	630.875
21.5260	631.710	630.932	631.057	631.671	631.364	631.000	630.807	631.693	631.762	630.994
22.0260	631.841	631.983	631.852	631.688	631.511	631.750	632.108	632.194	631.727	632.074
22.5260	632.262	631.915	632.085	631.966	632.432	631.904	631.790	631.977	632.802	632.466
23.0260	632.302	632.711	633.296	632.466	632.216	633.137	633.529	632.574	632.762	633.148
23.5260	633.080	633.250	632.722	633.109	633.665	632.898	633.449	633.262	633.518	632.961
24.0260	633.302	633.518	633.836	633.688	633.228	633.790	634.444	633.518	633.995	634.052
24.5260	634.268	633.893	634.126	634.620	634.898	634.552	634.052	634.518	635.143	634.484

TEST M3 HEAT BALANCE TRANSIENT 2598 (50 ms Averaged) TC20 K RECORD = 70

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0260	634.546	634.239	635.239	634.529	634.773	634.717	634.881	634.688	634.376	635.001
25.5260	635.711	635.137	635.171	635.234	635.910	635.688	635.205	635.944	636.290	635.751
26.0260	635.165	635.791	636.194	635.802	636.035	636.694	636.472	636.092	636.188	636.466
26.5260	636.450	636.449	636.364	636.120	636.966	636.637	637.006	637.018	636.643	637.086
27.0260	636.796	637.114	637.393	638.165	637.421	637.222	637.569	637.324	637.268	637.250
27.5260	637.892	637.733	637.421	637.722	638.256	637.568	637.228	637.546	638.438	637.546
28.0260	637.756	638.415	638.500	638.381	638.131	639.091	639.068	638.500	638.886	639.000
28.5260	639.443	638.795	638.898	639.199	639.335	638.943	639.574	639.892	639.931	639.494
29.0260	639.369	639.221	639.852	639.210	639.829	640.141	640.482	640.363	639.716	640.431
29.5260	640.851	640.567	640.488	640.499	641.283	640.340	640.783	640.749	641.924	641.777
30.0260	640.749	641.391	641.987	641.345	640.988	641.851	641.851	641.425	641.572	641.720
30.5260	642.174	642.225	641.294	642.083	642.470	642.140	642.504	642.782	642.373	642.254
31.0260	643.066	643.117	642.946	643.162	642.469	643.105	643.457	643.213	643.111	643.298
31.5260	643.985	643.707	643.185	643.611	643.912	643.860	643.843	643.798	644.712	644.417
32.0260	644.013	644.014	645.052	644.144	644.065	644.218	645.047	644.842	644.462	645.325
32.5260	645.433	644.945	644.178	644.786	645.961	644.871	644.871	645.348	645.353	644.945
33.0260	645.257	645.569	646.080	645.081	645.711	645.717	646.380	645.813	645.955	646.301
33.5260	646.171	645.904	645.824	646.381	647.050	646.454	646.993	646.806	647.175	646.757
34.0260	646.284	646.392	647.022	647.487	646.647	646.959	647.141	647.113	646.562	646.732
34.5260	647.759	647.464	647.005	647.413	647.833	647.867	646.891	648.032	648.514	647.776
35.0260	647.879	648.520	648.877	648.327	648.219	648.463	648.718	648.106	648.741	649.064
35.5260	649.065	648.696	648.401	648.389	649.309	648.548	648.128	649.036	649.711	648.247
36.0260	649.621	649.161	649.416	649.445	650.018	649.501	650.205	649.791	649.632	649.155
36.5260	649.995	650.228	649.138	649.365	650.279	650.324	649.842	649.813	650.727	650.369
37.0260	649.706	650.540	650.857	650.489	650.182	650.971	650.891	651.124	650.602	650.988
37.5260	651.283	651.260	650.392	651.498	651.056	651.277	651.294	650.846	651.719	651.283
38.0260	651.209	651.895	651.731	651.243	651.260	651.459	652.321	651.572	651.771	651.175
38.5260	652.451	652.230	651.305	651.680	652.094	652.854	651.493	651.765	652.695	652.485
39.0260	652.156	652.298	653.126	652.145	652.281	652.383	653.364	653.251	652.724	653.092
39.5260	653.347	653.035	652.275	652.672	653.534	653.381	652.831	652.820	653.215	653.517
40.0260	652.633	653.296	653.903	653.126	653.568	653.665	653.693	653.586	653.432	653.670
40.5260	654.130	654.102	653.637	653.705	654.584	653.807	653.795	653.778	654.368	654.255
41.0260	653.478	653.727	654.470	654.056	653.795	654.277	654.986	654.629	654.646	653.835
41.5260	655.241	654.964	654.028	654.629	654.901	655.361	654.691	655.105	655.593	654.555
42.0260	654.453	654.833	655.695	655.111	654.033	655.173	655.519	655.207	654.861	655.633
42.5260	655.593	655.190	655.361	655.434	655.531	655.514	655.179	655.803	656 325	656.211
43.0260	655.616	656.035	656.120	656.103	656.030	655.508	656.472	656.007	655.842	655.457
43.5260	656.030	656.336	656.007	656.024	656.608	656.024	656.245	655.655	656.960	656.540
44.0260	655.979	656.375	656.461	656.716	655.792	656.545	657.135	656.353	656.307	656.438
44.5260	656.908	656.418	656.959	656.789	656.574	656.092	656.925	656.319	656.721	657.027
45.0260	656.999	656.738	657.283	657.390	656.948	656.642	657.487	657.215	656.988	657.345
45.5260	657.351	657.674	657.436	656.840	657.487	657.850	657.475	657.135	658.065	657.889
46.0260	657.583	657.016	657.878	657.634	657.362	657.175	657.719	657.617	656.392	657.866
46.5260	657.765	657.668	657.986	657.532	658.621	657.895	657.866	658.003	658.456	658.331
47.0260	657.719	658.604	658.632	658.275	658.303	658.462	658.229	658.297	658.717	658.014
47.5260	658.467	658.660	658.303	658.371	658.133	658.887	658.938	658.042	658.881	658.167
48.0260	658.246	658.178	659.017	659.017	658.541	658.450	659.108	659.318	658.717	658.150
48.5260	659.233	658.864	658.592	658.700	658.989	658.864	658.337	658.773	659.040	658.530
49.0260	658.756	658.921	658.734	658.671	658.320	658.887	659.363	658.853	658.637	659.374
49.5260	659.284	659.029	659.097	658.621	659.216	659.289	658.694	659.567	659.136	659.624

TEST M3 HEAT BALANCE TRANSIENT 2598 (50 ms Averaged) TC21 K RECORD = 71

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0261	633.265	629.424	630.119	630.437	629.893	629.465	630.165	630.646	630.530	629.771
0.5261	630.391	630.501	629.644	629.812	630.443	630.235	630.304	629.708	630.374	630.275
1.0261	630.154	629.748	630.588	630.484	629.841	629.887	629.992	630.327	629.916	629.540
1.5261	630.588	630.310	630.281	629.673	630.403	630.495	630.518	629.824	629.974	630.269
2.0261	629.911	629.575	629.737	630.188	629.893	629.847	629.945	630.142	629.986	629.951
2.5261	629.968	630.727	629.731	629.609	630.113	630.049	629.604	629.685	629.858	630.131
3.0261	630.229	629.887	630.142	630.379	630.252	629.714	630.316	630.217	630.275	630.003
3.5261	630.188	630.570	629.887	630.078	630.426	630.211	630.362	629.887	630.240	630.854
4.0261	630.420	630.073	630.518	630.397	630.397	630.009	630.403	630.605	629.748	629.673
4.5261	629.608	630.350	630.362	630.073	630.333	630.756	630.293	630.073	630.304	630.588
5.0261	630.431	629.725	630.188	630.611	630.391	629.939	630.252	630.692	630.287	630.125
5.5261	630.107	630.495	630.825	630.339	630.513	630.709	630.941	630.513	630.860	631.184
6.0261	631.271	631.022	631.184	631.491	631.213	631.450	632.237	632.185	632.718	632.602
6.5261	633.465	634.084	634.020	634.043	635.200	635.941	635.854	635.825	637.578	638.544
7.0261	638.932	639.475	641.164	642.482	643.396	644.130	645.032	646.379	646.864	646.714
7.5261	648.228	648.927	649.383	650.169	651.284	651.555	652.665	652.976	653.398	653.398
8.0261	653.825	654.692	654.709	656.257	656.158	656.551	657.284	657.746	658.295	658.237
8.5261	658.526	659.149	659.143	659.680	660.275	661.642	661.469	662.283	662.935	662.872
9.0261	662.843	662.820	662.670	663.766	664.205	664.112	664.256	665.555	665.388	665.595
9.5261	665.705	665.647	665.803	666.068	665.993	666.541	666.691	666.945	667.527	668.652
10.0261	668.750	668.762	668.000	668.595	669.004	668.497	669.195	670.123	669.886	669.246
10.5261	669.650	670.279	670.711	670.013	670.290	670.665	671.080	671.196	671.195	671.594
11.0261	672.159	671.645	671.640	672.418	672.043	671.824	671.776	672.406	672.643	672.695
11.5261	672.470	673.560	673.525	673.168	673.848	674.344	674.413	674.361	675.001	675.208
12.0261	674.949	674.805	674.499	674.805	674.615	674.626	675.301	675.503	675.197	675.099
12.5261	675.791	675.260	676.027	675.128	675.906	676.615	677.214	676.436	676.465	677.456
13.0261	676.972	676.799	677.750	677.710	677.670	677.018	677.232	677.693	677.283	676.955
13.5261	678.211	678.471	678.286	677.929	678.390	678.845	679.220	678.736	678.413	679.681
14.0261	679.474	679.122	679.693	680.194	679.722	679.560	679.531	680.223	680.079	679.820
14.5261	680.079	679.981	680.609	679.727	680.298	680.914	681.116	680.966	681.208	681.202
15.0261	681.640	681.462	681.496	682.003	682.228	681.283	680.851	682.430	682.804	681.715
15.5261	681.646	682.360	682.176	682.153	682.424	682.965	683.253	682.729	683.225	683.328
16.0261	683.346	683.276	682.608	683.069	683.196	682.383	683.155	684.440	684.025	683.737
16.5261	683.622	684.463	683.973	683.962	683.870	684.504	684.400	684.532	684.066	684.336
17.0261	685.149	684.642	684.619	684.832	685.223	684.792	685.166	685.103	685.535	684.809
17.5261	685.212	685.972	686.353	685.316	685.805	686.030	686.508	686.566	686.554	686.571
18.0261	687.205	686.687	686.416	686.445	687.078	686.715	686.934	687.274	687.556	687.067
18.5261	686.652	687.412	687.084	686.963	687.251	687.286	687.602	687.574	687.274	688.080
19.0261	687.470	687.556	687.706	688.253	688.599	687.925	688.253	688.605	688.858	688.674
19.5261	688.213	688.743	689.180	688.760	688.161	689.082	689.393	689.382	689.313	689.946
20.0261	689.975	688.818	689.088	689.762	689.601	689.290	689.572	689.964	690.136	689.411
20.5261	689.676	690.505	690.891	690.706	690.787	691.351	691.017	691.063	691.138	691.674
21.0261	691.265	690.350	690.747	691.081	691.098	690.683	690.695	691.386	691.570	690.885
21.5261	691.069	687.558	689.673	691.097	689.844	690.819	689.602	689.371	687.943	691.696
22.0261	691.891	692.583	692.111	692.762	692.664	692.630	692.388	693.430	693.171	692.595
22.5261	692.946	693.482	693.856	693.695	693.286	693.977	694.207	693.292	693.752	694.385
23.0261	694.696	693.885	693.706	694.167	694.541	694.357	694.103	694.748	694.639	694.403
23.5261	694.276	694.679	695.076	695.186	694.748	695.301	695.479	694.627	694.696	694.927
24.0261	695.347	694.881	694.639	695.232	695.744	695.168	695.462	695.583	695.560	695.479
24.5261	694.973	696.009	695.957	695.669	695.715	695.819	696.043	695.347	695.462	696.032

TEST M3 HEAT BALANCE TRANSIENT 2598 (50 ms Averaged) TC21 K RECORD = 72

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0261	696.435	696.049	696.084	696.395	696.964	696.740	696.498	696.636	697.344	696.573
25.5261	697.085	697.102	696.970	696.705	696.964	697.621	697.949	697.534	697.436	697.626
26.0261	697.569	697.315	697.373	697.695	697.920	697.943	697.678	698.795	698.915	698.438
26.5261	697.678	698.426	698.271	698.524	698.133	698.656	698.691	698.806	697.793	698.691
27.0261	698.967	698.311	698.357	698.749	699.013	698.674	698.478	699.128	699.307	698.852
27.5261	698.651	699.474	700.078	699.295	699.059	699.198	699.008	698.403	697.327	697.373
28.0261	697.085	696.274	695.830	695.105	694.518	693.533	692.537	692.428	691.944	690.516
28.5261	689.180	688.708	688.293	687.579	686.001	685.564	685.414	684.083	683.444	682.660
29.0261	682.303	681.249	680.332	680.344	679.456	678.304	677.687	677.041	676.598	675.865
29.5261	675.047	675.237	674.586	673.917	673.075	673.681	672.891	672.320	671.893	671.645
30.0261	671.599	671.155	670.792	670.578	670.527	669.863	669.[illegible]2	669.350	669.039	668.168
30.5261	667.966	667.822	668.058	667.291	667.366	667.268	667.043	667.147	665.924	666.466
31.0261	666.749	665.376	664.949	665.059	665.693	665.139	664.747	665.122	664.851	664.372
31.5261	664.008	664.020	664.228	664.031	663.281	663.241	663.443	662.693	662.808	662.514
32.0261	662.566	662.260	662.341	662.162	662.935	662.237	661.515	661.925	661.458	661.365
32.5261	661.204	661.562	661.383	661.169	660.777	660.708	660.748	660.702	660.546	660.944
33.0261	660.638	660.257	659.819	659.963	659.749	659.467	658.987	659.524	660.073	659.299
33.5261	658.791	659.270	659.276	658.906	658.878	658.918	659.328	658.768	658.681	658.728
34.0261	658.733	658.554	658.041	656.058	658.422	657.162	656.845	657.174	656.740	655.033
34.5261	657.683	656.562	656.197	654.468	653.162	656.572	657.694	654.331	650.053	649.737
35.0261	651.949	653.164	655.163	654.473	657.567	657.157	657.319	657.105	657.284	657.221
35.5261	656.863	656.886	656.949	656.054	656.008	656.465	657.013	656.609	656.274	656.205
36.0261	656.453	656.164	655.818	655.864	656.638	656.285	655.529	656.263	656.268	655.806
36.5261	655.362	656.309	656.089	656.124	655.367	655.483	656.147	655.898	655.483	655.760
37.0261	655.281	655.431	654.877	655.234	656.332	655.113	654.888	655.055	655.898	655.050
37.5261	654.882	655.246	655.968	655.367	654.692	654.928	655.818	655.206	654.848	655.258
38.0261	655.489	654.911	654.513	654.732	655.454	655.056	653.808	655.512	655.529	655.477
38.5261	654.443	655.119	655.240	654.547	654.351	654.513	654.929	655.021	654.264	654.726
39.0261	655.050	654.732	654.409	655.015	655.310	654.703	654.923	654.871	655.055	654.911
39.5261	654.328	654.721	655.171	654.934	654.490	654.755	654.819	655.015	654.357	654.316
40.0261	654.605	654.409	654.328	654.345	655.263	654.721	654.195	654.247	655.021	654.599
40.5261	654.068	654.767	654.761	654.282	654.328	654.565	654.877	654.830	654.339	654.137
41.0261	654.732	654.605	654.022	654.131	654.559	654.143	653.877	654.293	654.859	654.697
41.5261	654.218	654.218	654.819	654.651	654.414	654.553	654.663	654.420	653.444	654.264
42.0261	654.749	654.524	654.004	654.368	655.165	654.848	654.091	654.582	654.853	654.588
42.5261	654.166	654.339	654.172	654.605	653.924	654.438	655.131	654.420	654.293	654.432
43.0261	655.183	654.444	654.016	654.605	655.379	654.588	654.345	654.339	655.275	654.923
43.5261	654.207	654.518	655.113	654.599	653.860	654.709	654.426	653.837	654.143	654.859
44.0261	654.305	654.495	654.224	654.374	654.657	654.767	654.160	654.334	654.940	654.524
44.5261	653.843	653.897	655.310	654.980	654.039	654.068	654.773	654.570	653.964	654.357
45.0261	654.617	654.686	654.235	654.126	654.813	654.542	654.259	654.022	655.489	655.050
45.5261	654.328	654.697	655.396	654.767	654.646	654.645	655.425	654.657	654.611	654.391
46.0261	655.506	655.292	654.363	654.582	655.188	655.159	654.594	654.715	655.356	654.461
46.5261	654.299	654.773	655.159	654.657	654.542	654.755	655.171	655.517	654.784	654.443
47.0261	655.541	655.125	655.119	654.848	655.702	655.795	655.142	654.466	655.702	655.292
47.5261	655.258	654.894	655.864	655.229	655.223	655.414	655.847	655.327	654.923	655.102
48.0261	655.818	655.448	655.414	655.165	656.205	655.881	655.073	654.825	655.425	655.200
48.5261	654.646	655.154	655.904	656.228	654.986	655.252	655.795	655.038	655.102	654.646
49.0261	655.714	655.673	655.183	655.102	656.216	655.668	655.021	655.246	656.101	655.858
49.5261	655.477	655.558	656.066	655.708	655.160	655.829	656.003	656.470	655.356	655.431

TEST M3 HEAT BALANCE TRANSIENT 2598 (50 ms Averaged) TC22 K RECORD = 73

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0261	507.387	507.169	507.183	507.213	507.088	507.310	507.317	507.313	507.046	507.011
0.5261	507.423	507.341	507.147	507.095	507.304	507.284	507.202	507.262	507.280	507.304
1.0261	507.172	507.121	507.324	507.291	506.978	507.214	507.211	507.286	507.079	507.304
1.5261	507.269	507.262	507.097	507.337	507.180	507.498	507.070	507.227	507.143	507.440
2.0261	506.896	507.387	507.412	507.301	507.220	507.238	507.324	507.486	507.150	507.231
2.5261	507.213	507.398	507.222	507.392	507.341	507.381	507.150	507.187	507.222	507.282
3.0261	507.227	507.202	507.271	507.134	507.246	507.361	507.341	507.271	507.150	507.436
3.5261	507.335	507.328	507.260	507.469	507.383	507.429	507.324	507.299	507.368	507.317
4.0261	507.158	507.335	507.163	507.258	507.323	507.359	507.119	507.269	507.271	507.280
4.5261	507.266	507.268	507.244	507.273	507.376	507.161	507.187	507.286	507.326	507.220
5.0261	507.198	507.370	507.458	507.440	507.227	507.392	507.372	507.425	507.161	507.460
5.5261	507.403	507.357	507.185	507.337	507.392	507.458	507.154	507.438	507.258	507.621
6.0261	507.101	507.326	507.427	507.427	507.806	507.215	507.328	507.447	507.297	507.542
6.5261	507.414	507.493	507.304	507.464	506.810	507.495	507.379	507.489	507.288	507.398
7.0261	507.251	507.030	507.350	507.163	507.235	507.288	507.361	507.603	507.253	507.343
7.5261	507.425	507.354	507.099	507.588	507.458	507.478	507.286	507.365	507.350	507.557
8.0261	507.271	507.363	507.493	507.412	507.319	507.412	507.436	507.357	507.198	507.442
8.5261	507.478	507.396	507.339	507.361	507.484	507.469	507.390	507.240	507.330	507.550
9.0261	507.229	507.398	507.372	507.480	507.297	507.326	507.447	507.460	507.337	507.453
9.5261	507.594	507.346	507.312	507.497	507.561	507.592	507.266	507.467	510.044	507.528
10.0261	507.343	507.379	507.577	507.409	507.264	507.390	507.491	507.379	507.258	507.403
10.5261	507.515	507.427	507.227	507.451	507.486	507.652	507.301	507.471	507.581	507.528
11.0261	507.319	507.539	507.476	507.671	507.425	507.478	507.493	507.537	507.423	507.541
11.5261	507.429	507.623	507.213	507.489	507.513	507.282	507.451	507.515	507.253	507.656
12.0261	507.460	507.572	507.528	507.515	507.282	507.596	507.619	507.729	507.370	507.579
12.5261	507.401	507.612	507.368	507.704	507.449	507.574	507.478	507.339	507.464	507.616
13.0261	507.332	507.458	507.407	507.586	507.363	507.445	507.317	507.561	507.475	507.486
13.5261	507.489	507.486	507.365	507.638	507.632	507.467	507.493	507.627	507.420	507.678
14.0261	507.493	507.471	507.407	507.601	507.480	507.451	507.434	507.623	507.260	507.438
14.5261	507.484	507.438	507.262	507.581	507.420	507.682	507.255	507.632	507.440	507.588
15.0261	507.451	507.332	507.423	507.500	507.438	507.533	507.671	507.704	507.478	507.436
15.5261	507.630	507.709	507.304	507.627	507.480	507.515	507.603	507.603	507.542	507.678
16.0261	507.359	507.585	507.555	507.817	507.341	507.568	507.610	507.836	507.339	507.713
16.5261	507.535	507.685	507.504	507.713	507.489	507.643	507.365	507.663	507.520	507.751
17.0261	507.489	507.552	507.581	507.755	507.491	507.625	507.669	507.605	507.511	507.546
17.5261	507.590	507.570	507.445	507.586	507.621	507.616	507.564	507.643	507.497	507.779
18.0261	508.137	507.742	507.621	507.894	507.493	507.647	507.687	507.812	507.486	507.718
18.5261	507.689	507.775	507.500	507.544	507.616	507.890	507.575	507.674	507.445	507.654
19.0261	507.504	507.667	507.667	507.781	507.352	507.700	507.641	507.663	507.599	507.658
19.5261	507.632	507.801	507.517	507.804	507.806	507.799	507.680	507.773	507.671	507.804
20.0261	507.502	507.643	507.469	507.676	507.687	507.718	507.674	507.329	507.447	507.766
20.5261	507.495	507.654	507.548	507.546	507.574	507.859	507.511	507.610	507.704	509.940
21.0261	507.627	507.793	507.786	507.707	507.561	507.808	507.726	507.801	507.449	507.546
21.5261	507.839	507.621	506.969	506.945	507.064	507.011	506.619	506.962	507.125	507.658
22.0261	507.117	507.715	507.777	507.740	507.621	507.773	507.856	507.744	507.574	507.636
22.5261	507.729	507.806	507.608	507.742	507.777	507.713	507.581	507.724	507.702	507.407
23.0261	507.572	507.586	507.656	507.973	507.577	507.537	507.680	507.834	507.669	507.885
23.5261	507.715	507.753	507.500	507.704	507.751	507.793	507.495	507.887	507.790	507.812
24.0261	507.682	507.806	507.724	507.850	507.713	507.594	507.793	507.830	507.592	507.715
24.5261	507.740	507.933	507.542	507.759	507.777	507.766	507.590	507.786	507.828	507.845

TEST M3 HEAT BALANCE TRANSIENT 2598 (50 ms Averaged) TC22 K RECORD = 74

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0261	507.696	507.744	507.770	507.891	507.513	507.911	507.797	507.911	507.834	507.753
25.5261	507.854	507.803	507.616	507.746	507.918	507.916	507.572	507.773	507.762	507.823
26.0261	507.632	507.817	507.839	507.911	507.726	507.726	507.801	507.874	507.612	507.893
26.5261	507.859	507.843	507.786	507.762	507.724	507.911	507.775	507.616	507.867	507.973
27.0261	507.577	507.797	507.753	507.936	507.608	507.779	507.704	507.949	507.625	507.689
27.5261	507.722	507.832	507.369	507.773	507.777	507.832	507.603	507.814	507.658	507.931
28.0261	507.566	507.777	507.852	507.883	507.784	507.797	507.788	507.715	507.605	507.612
28.5261	507.955	507.865	507.526	507.762	507.823	507.746	507.550	507.601	507.839	507.742
29.0261	507.623	507.592	507.268	507.804	507.713	507.823	507.806	507.759	507.658	507.733
29.5261	507.801	507.762	507.823	507.801	507.905	507.964	507.817	507.880	507.885	507.931
30.0261	507.568	507.726	507.867	507.885	507.665	507.777	507.649	507.771	507.548	507.619
30.5261	507.724	507.630	507.656	507.656	507.806	507.850	507.652	507.678	507.665	507.790
31.0261	507.784	507.685	507.737	507.887	507.564	507.727	507.907	507.751	507.651	507.900
31.5261	507.727	509.522	507.698	507.478	507.737	507.982	507.654	507.790	507.680	507.896
32.0261	507.755	507.832	507.718	507.843	507.612	507.777	507.883	508.032	507.737	507.731
32.5261	507.707	507.786	507.830	507.916	507.898	507.799	507.764	507.845	507.982	507.962
33.0261	507.718	507.773	507.795	507.707	507.581	507.859	507.647	507.669	507.652	507.729
33.5261	507.894	507.773	507.625	507.768	507.720	507.795	507.572	507.544	507.812	507.883
34.0261	507.654	507.336	507.931	507.585	506.991	506.921	506.791	507.114	506.546	506.967
34.5261	507.048	506.491	506.535	506.418	506.445	506.383	506.568	506.577	505.866	505.469
35.0261	505.262	506.249	506.678	506.896	507.447	507.748	507.865	507.760	507.467	507.843
35.5261	507.616	507.746	507.726	507.777	507.726	507.973	507.687	507.621	507.847	507.762
36.0261	507.627	507.803	507.872	507.746	507.812	507.663	507.718	507.795	507.632	507.682
36.5261	507.808	507.713	507.682	507.667	507.911	507.764	507.663	507.689	507.764	507.777
37.0261	507.790	507.742	507.786	507.819	507.619	507.579	507.955	507.880	507.303	507.810
37.5261	507.793	507.779	507.632	507.696	507.744	507.740	507.341	507.650	507.845	507.735
38.0261	507.630	507.649	507.880	507.764	507.674	507.638	507.817	507.817	507.764	507.713
38.5261	507.793	507.823	507.636	507.608	507.641	507.691	507.698	507.759	507.438	507.858
39.0261	507.740	507.339	507.808	507.618	507.625	507.412	507.612	507.658	507.553	507.733
39.5261	507.715	507.889	507.594	507.660	507.720	507.468	507.700	507.658	507.777	507.821
40.0261	507.601	507.889	507.828	507.852	507.704	507.665	507.812	507.610	507.709	507.654
40.5261	507.782	507.753	507.674	507.458	507.702	507.755	507.711	507.691	507.658	507.654
41.0261	507.592	507.693	507.786	507.916	507.784	507.586	507.894	507.720	507.715	507.759
41.5261	507.850	507.729	507.702	507.616	507.676	507.781	507.636	507.275	507.726	507.817
42.0261	507.520	507.550	507.896	507.654	507.566	507.724	507.625	507.612	507.612	507.530
42.5261	507.612	507.645	507.737	507.731	507.762	507.801	507.768	507.821	507.671	507.848
43.0261	507.608	507.667	507.645	507.669	507.559	507.641	507.764	507.475	507.676	507.296
43.5261	507.475	507.658	507.546	507.900	507.836	507.731	507.570	507.537	507.797	507.762
44.0261	507.698	507.621	507.962	507.619	507.286	507.671	507.887	507.814	507.691	507.737
44.5261	507.909	507.720	507.654	507.612	507.812	507.724	507.693	507.559	507.678	507.616
45.0261	507.726	507.599	507.786	507.658	507.748	507.537	507.711	507.867	507.768	507.643
45.5261	507.889	507.691	507.702	507.865	507.715	507.702	507.748	507.594	507.667	507.652
46.0261	507.623	507.572	507.691	507.724	507.557	507.619	507.647	507.614	507.632	507.691
46.5261	507.720	507.647	507.623	507.583	507.775	507.885	507.691	507.552	507.788	507.928
47.0261	507.713	507.711	507.821	507.713	507.647	507.621	507.922	507.729	507.550	507.759
47.5261	507.817	507.376	507.513	507.175	507.674	507.669	507.806	507.693	507.781	507.808
48.0261	507.627	507.513	507.660	507.669	507.676	507.530	507.466	507.704	507.682	507.608
48.5261	507.856	507.667	507.764	507.707	507.638	507.784	507.731	507.577	507.751	507.815
49.0261	507.821	507.678	507.711	507.808	507.592	507.581	507.859	507.735	507.698	507.528
49.5261	507.676	507.815	507.735	507.663	507.735	507.850	507.837	507.676	507.687	507.883

TEST M3 HEAT BALANCE TRANSIENT 2598 (50 ms Averaged) TC24 K RECORD = 75

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0262	494.557	494.712	494.677	494.761	494.639	494.677	494.789	494.972	494.679	494.476
0.5262	494.725	494.937	494.681	494.807	494.884	494.913	494.732	494.895	494.849	494.930
1.0262	494.650	494.688	495.037	494.851	494.721	494.928	494.721	494.776	494.683	495.070
1.5262	494.829	494.864	494.791	495.037	494.701	494.904	494.710	494.761	494.842	494.981
2.0262	494.535	494.939	494.906	494.959	494.719	494.942	494.902	494.942	494.871	494.860
2.5262	494.827	494.948	494.621	494.995	494.703	494.950	494.789	494.900	494.827	494.772
3.0262	494.785	494.880	494.621	494.743	494.789	494.712	494.851	495.025	494.838	494.880
3.5262	494.763	494.840	494.878	494.878	494.763	494.948	494.710	494.939	494.924	494.836
4.0262	494.873	494.809	494.838	494.946	494.818	495.116	494.613	494.734	494.774	494.844
4.5262	494.858	494.999	494.858	494.825	494.800	494.866	494.750	494.953	494.858	494.944
5.0262	494.776	495.025	494.922	495.081	494.948	495.129	495.118	495.147	495.014	495.187
5.5262	495.171	495.134	495.032	495.292	495.070	495.304	495.008	495.109	495.169	495.209
6.0262	495.076	495.189	495.288	495.345	495.670	495.194	495.295	495.297	495.282	495.520
6.5262	495.443	495.542	495.379	495.588	495.020	495.595	495.465	495.807	495.463	495.542
7.0262	495.449	495.221	495.622	495.716	495.524	495.597	495.725	495.727	495.814	495.769
7.5262	495.866	495.911	495.818	495.979	495.474	495.897	495.814	495.732	495.822	496.105
8.0262	495.774	495.882	496.045	495.941	495.975	496.083	496.111	496.028	496.063	496.122
8.5262	496.136	496.105	496.076	496.257	496.189	496.352	496.228	496.195	496.202	496.339
9.0262	496.081	496.257	496.195	496.467	496.420	496.314	496.319	496.557	496.235	496.601
9.5262	496.493	496.562	496.409	496.579	496.665	496.672	496.475	496.652	496.664	496.796
10.0262	496.668	496.793	496.871	496.846	496.630	496.815	496.844	496.694	496.555	496.994
10.5262	496.780	496.714	496.707	496.873	496.813	497.025	496.787	497.032	496.972	496.897
11.0262	496.893	497.155	497.171	497.239	496.908	497.038	497.168	497.334	497.175	497.215
11.5262	497.310	497.144	497.277	497.252	497.162	497.389	497.378	497.420	497.080	497.323
12.0262	497.308	497.254	497.477	497.409	497.235	497.482	497.550	497.277	497.438	497.691
12.5262	497.533	497.775	497.566	497.533	497.616	497.667	497.652	497.735	497.698	497.782
13.0262	497.511	497.696	497.619	497.921	497.678	497.632	497.857	497.912	497.789	497.868
13.5262	497.930	497.859	497.941	498.130	497.921	497.919	498.071	498.161	497.905	498.263
14.0262	497.901	498.139	498.278	498.386	498.214	498.320	498.300	498.289	498.097	498.221
14.5262	498.108	498.318	498.093	498.331	498.318	498.360	498.166	498.477	498.269	498.505
15.0262	498.404	498.417	498.499	498.574	498.464	498.552	498.706	498.655	498.580	498.479
15.5262	498.587	498.682	498.532	498.730	498.799	498.609	498.578	498.708	498.611	499.039
16.0262	498.607	498.764	498.790	498.931	498.660	498.880	498.678	498.898	498.666	498.956
16.5262	498.964	499.044	498.929	499.132	499.055	498.933	498.958	499.150	499.099	499.258
17.0262	499.092	499.366	499.330	499.209	499.079	499.269	499.147	499.244	499.240	499.266
17.5262	499.328	499.416	499.143	499.253	499.220	499.425	499.213	499.388	499.220	499.553
18.0262	500.276	499.599	499.419	499.679	499.507	499.617	499.615	499.672	499.480	499.648
18.5262	499.686	499.736	499.650	499.599	499.793	499.884	499.595	499.813	499.743	499.954
19.0262	499.760	499.888	499.699	499.862	499.793	499.915	499.783	499.988	500.034	500.045
19.5262	500.005	500.140	499.807	500.232	500.076	500.398	500.213	500.440	500.186	500.272
20.0262	500.151	500.199	500.113	500.376	500.210	500.310	500.228	500.038	500.217	500.252
20.5262	500.160	500.310	500.257	500.334	500.296	500.532	500.404	500.363	500.376	502.021
21.0262	500.475	500.662	500.561	500.731	500.605	500.620	500.524	500.792	500.486	500.781
21.5262	500.746	500.479	499.972	500.166	499.950	500.182	499.769	500.118	500.047	500.627
22.0262	500.263	500.850	500.728	501.084	500.947	500.960	501.192	501.152	500.973	501.214
22.5262	501.112	500.969	500.980	501.211	501.187	501.284	501.017	501.253	501.079	500.907
23.0262	501.139	501.260	501.282	501.405	501.189	501.172	501.101	501.443	501.236	501.271
23.5262	501.491	501.306	501.185	501.397	501.370	501.498	501.295	501.575	501.390	501.511
24.0262	501.405	501.617	501.630	501.747	501.489	501.692	501.778	501.785	501.527	501.765
24.5262	501.688	501.842	501.723	501.844	501.824	501.954	501.655	502.040	501.917	501.860

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0262	501.791	502.045	501.965	502.001	501.987	501.985	502.047	502.219	502.082	502.155
25.5262	502.239	502.270	501.899	502.049	502.283	502.237	502.023	502.104	502.285	502.247
26.0262	502.225	502.446	502.243	502.356	502.245	502.371	502.144	502.371	502.115	502.234
26.5262	502.303	502.289	502.182	502.424	502.208	502.413	502.197	502.488	502.499	502.382
27.0262	502.076	502.497	502.411	502.602	502.362	502.644	502.245	502.569	502.296	502.420
27.5262	502.170	502.342	502.081	502.206	502.353	502.338	502.082	502.206	502.349	502.364
28.0262	502.228	502.459	502.290	502.543	502.373	502.446	502.409	502.331	502.214	502.281
28.5262	502.554	502.439	502.217	502.461	502.397	502.391	502.162	502.428	502.486	502.479
29.0262	502.320	502.347	501.925	502.300	502.393	502.307	502.208	502.303	502.468	502.314
29.5262	502.430	502.633	502.184	502.245	502.422	502.409	502.259	502.245	502.362	502.411
30.0262	502.168	502.391	502.384	502.501	502.261	502.252	502.349	502.505	502.157	502.243
30.5262	502.395	502.486	502.175	502.360	502.356	502.300	502.347	502.195	502.146	502.355
31.0262	502.131	502.263	502.283	502.422	502.203	502.406	502.351	502.360	502.259	502.329
31.5262	502.475	503.957	502.331	502.380	502.461	502.364	502.254	502.316	502.501	502.292
32.0262	502.135	502.461	502.349	502.223	502.146	502.232	502.256	502.411	502.186	502.270
32.5262	502.248	502.252	502.197	502.406	502.210	502.358	502.325	502.441	502.419	502.426
33.0262	502.199	502.206	502.285	502.633	502.179	502.539	502.356	502.320	502.303	502.364
33.5262	502.135	502.409	502.243	502.210	502.221	502.430	502.047	502.292	502.345	502.292
34.0262	502.283	502.089	502.342	502.005	501.566	501.339	501.061	501.586	501.134	501.245
34.5262	501.542	501.180	500.945	501.000	501.088	500.784	501.035	500.971	500.438	499.932
35.0262	499.622	500.554	501.112	501.494	501.769	502.431	502.470	502.292	502.203	502.300
35.5262	502.153	502.217	502.210	502.206	502.241	502.221	502.162	502.146	502.318	502.153
36.0262	502.120	502.223	502.287	502.151	502.168	502.311	502.060	502.195	502.151	502.104
36.5262	502.142	502.300	502.100	502.144	502.314	502.009	502.069	502.067	502.360	502.168
37.0262	502.175	502.082	502.340	502.371	501.994	502.278	502.225	502.126	501.789	502.171
37.5262	502.155	502.217	502.212	502.111	502.168	502.265	501.800	502.095	502.214	502.104
38.0262	502.115	502.188	502.120	501.963	502.243	502.082	501.921	502.184	502.168	502.091
38.5262	502.170	502.285	502.047	502.023	502.234	502.029	502.186	502.144	501.786	502.186
39.0262	501.990	501.678	502.217	502.289	501.990	501.913	502.164	502.239	502.040	502.021
39.5262	502.060	502.142	502.009	502.223	502.140	501.870	502.177	502.155	502.212	502.168
40.0262	501.963	502.036	502.199	501.895	502.091	502.029	502.188	502.155	501.871	502.023
40.5262	502.078	502.157	501.923	502.003	502.007	502.060	501.983	502.065	502.014	501.965
41.0262	502.142	502.058	502.005	502.237	501.895	501.998	502.355	502.153	501.864	502.058
41.5262	502.120	502.067	502.120	502.085	502.151	502.100	501.915	501.671	502.168	502.043
42.0262	501.932	501.939	502.168	501.987	501.886	501.985	501.917	501.934	502.012	502.031
42.5262	501.921	501.996	502.034	501.988	502.007	502.230	501.930	501.954	502.124	502.082
43.0262	501.954	501.860	502.051	502.122	501.882	501.868	501.935	501.793	501.809	501.493
43.5262	501.937	502.082	501.959	501.846	501.930	501.987	502.045	501.917	501.908	502.023
44.0262	501.842	502.038	502.157	502.001	501.539	502.060	502.300	501.992	502.001	501.774
44.5262	501.945	502.071	501.957	501.934	502.168	501.939	501.928	502.047	501.965	501.833
45.0262	501.893	501.888	502.027	502.001	501.979	501.952	502.009	502.071	501.963	501.948
45.5262	502.029	502.040	501.844	501.824	501.998	502.192	501.970	501.985	501.875	502.062
46.0262	501.751	501.871	501.996	502.093	501.454	501.915	501.965	501.853	502.082	501.793
46.5262	502.091	501.840	501.853	501.891	501.974	502.029	501.791	501.932	501.990	501.832
47.0262	501.924	502.007	502.062	502.040	501.897	501.771	502.065	502.043	502.012	501.961
47.5262	502.135	501.544	501.837	501.604	501.941	501.871	501.868	502.009	501.932	502.036
48.0262	501.901	501.721	502.109	502.078	501.787	502.001	501.811	502.054	501.996	502.084
48.5262	501.965	502.157	501.941	501.921	501.908	501.992	501.932	501.860	502.115	501.873
49.0262	502.062	501.932	501.917	501.919	501.818	501.970	501.985	501.913	501.921	501.972
49.5262	501.901	502.040	501.873	501.963	502.060	502.036	501.952	501.791	501.954	502.223

TEST M3 HEAT BALANCE TRANSIENT 2598 (50 ms Averaged) TC25 K RECORD = 77

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0264	492.244	492.332	491.909	492.142	492.510	492.365	492.143	492.319	492.189	492.372
0.5264	491.882	492.070	492.281	492.469	491.880	492.109	492.429	492.244	492.004	492.176
1.0264	492.162	492.198	491.946	492.182	492.242	492.447	491.885	492.270	492.217	492.226
1.5264	491.642	492.184	492.138	492.460	492.125	491.938	492.142	492.237	491.799	491.907
2.0264	492.442	492.301	491.880	492.255	492.250	492.365	492.061	491.942	492.334	492.372
2.5264	491.944	492.248	492.308	492.312	492.057	492.182	492.266	492.339	491.953	492.101
3.0264	492.427	492.359	491.918	492.294	492.521	492.253	492.001	492.240	492.486	492.255
3.5264	491.977	492.348	492.330	492.262	492.046	492.101	492.217	492.330	492.134	492.206
4.0264	492.378	492.458	491.898	492.079	492.341	492.370	492.068	492.081	492.345	492.286
4.5264	491.982	492.092	492.237	492.429	491.909	492.242	492.416	492.277	492.226	492.200
5.0264	492.297	492.537	492.147	492.224	492.484	492.533	492.010	492.277	492.665	492.409
5.5264	492.266	492.337	492.436	492.491	492.098	492.372	492.287	492.444	492.160	492.409
6.0264	492.486	492.735	492.176	492.389	492.828	492.920	492.348	492.652	492.870	492.812
6.5264	492.438	493.024	492.905	492.682	492.548	492.625	492.905	492.753	492.456	492.920
7.0264	493.084	493.103	492.667	492.859	492.987	492.987	492.691	492.859	493.141	493.015
7.5264	492.812	493.114	493.042	493.022	492.729	492.945	493.150	492.934	492.647	492.806
8.0264	493.421	493.352	492.691	493.117	493.229	493.185	492.901	493.196	493.145	493.271
8.5264	493.141	493.053	493.388	493.410	492.894	493.269	493.456	493.302	493.125	493.192
9.0264	493.449	493.546	493.128	493.465	493.586	493.562	493.152	493.524	493.507	493.738
9.5264	493.198	493.445	493.736	493.789	493.280	493.546	493.831	493.720	493.366	493.745
10.0264	493.568	493.824	493.540	493.835	493.773	493.661	493.637	493.883	493.853	493.868
10.5264	493.707	493.786	493.819	494.046	493.668	493.998	494.284	493.618	493.634	494.104
11.0264	494.168	494.079	493.888	493.919	493.875	494.348	493.923	493.939	494.068	494.031
11.5264	493.776	494.148	494.335	494.207	493.881	494.088	494.154	494.366	493.943	494.295
12.0264	494.231	494.359	493.930	494.637	494.544	494.531	494.185	494.249	494.663	494.615
12.5264	494.068	494.436	494.635	494.721	494.179	494.423	494.646	494.771	494.368	494.483
13.0264	494.842	494.727	494.496	494.723	494.506	494.776	494.299	494.681	494.884	494.908
13.5264	494.476	494.639	495.042	495.055	494.632	494.738	494.844	494.672	494.714	494.921
14.0264	494.914	495.119	494.617	494.809	495.053	495.152	494.619	495.082	494.989	495.121
14.5264	494.743	495.066	494.912	495.071	494.754	494.881	495.088	495.313	494.295	495.205
15.0264	495.066	495.333	494.804	495.218	495.141	495.441	494.903	495.848	495.474	495.729
15.5264	494.780	495.366	495.383	495.632	495.176	495.320	495.406	495.344	495.240	495.463
16.0264	495.681	495.531	495.333	495.425	495.584	495.632	495.547	495.366	495.672	495.776
16.5264	495.698	495.474	495.811	495.824	495.591	495.793	495.861	495.875	495.566	495.608
17.0264	495.818	495.943	495.597	495.738	495.839	495.879	495.646	495.800	496.036	496.000
17.5264	495.740	495.756	495.934	495.945	495.597	496.042	496.042	496.161	495.870	495.954
18.0264	496.170	496.069	495.833	495.958	496.130	496.192	495.952	496.024	496.203	496.494
18.5264	496.163	496.029	496.251	496.432	495.914	496.093	496.271	496.379	496.258	496.037
19.0264	496.227	496.443	496.181	496.432	496.438	496.784	496.132	496.264	496.527	496.863
19.5264	496.302	496.372	496.681	496.716	496.326	496.562	496.652	496.648	496.485	496.681
20.0264	496.736	496.905	496.401	496.645	496.753	497.059	496.504	496.584	496.989	496.863
20.5264	496.608	496.782	496.573	496.971	496.837	496.890	497.088	496.916	496.568	496.811
21.0264	496.996	497.042	496.751	496.883	496.769	497.117	496.822	496.740	496.956	497.350
21.5264	496.881	497.511	498.629	499.175	498.759	499.192	500.134	499.621	498.574	497.497
22.0264	498.528	497.112	497.057	497.251	497.374	497.506	497.077	497.401	497.407	497.385
22.5264	497.225	497.280	497.425	497.652	497.110	497.319	497.456	497.630	497.330	497.561
23.0264	497.707	497.682	497.273	497.392	497.782	497.586	497.482	497.700	497.782	497.920
23.5264	497.423	497.715	497.711	498.079	497.526	497.634	498.026	497.790	497.539	497.676
24.0264	497.863	497.894	497.841	497.658	497.949	498.233	497.768	497.806	498.048	497.962
24.5264	497.876	497.903	497.874	498.268	497.885	497.709	498.222	498.343	497.934	497.863

TEST M3 HEAT BALANCE TRANSIENT 2598 (50 ms Averaged) TC25 K RECORD = 78

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0264	498.169	498.090	497.973	498.356	498.088	498.308	498.244	498.158	498.246	498.490
25.5264	497.945	498.046	498.242	498.440	498.257	498.361	498.343	498.794	498.206	498.365
26.0264	498.378	498.596	498.079	498.365	498.429	498.743	498.343	498.378	498.576	498.638
26.5264	498.473	498.400	498.570	498.677	498.592	498.380	498.605	498.733	498.338	498.374
27.0264	498.748	498.691	498.292	498.788	498.362	498.449	498.493	498.385	498.539	498.669
27.5264	498.517	498.319	498.504	498.873	498.283	498.446	498.396	498.541	498.715	498.519
28.0264	508.306	498.664	498.413	498.266	498.649	498.755	498.336	498.321	498.706	498.682
28.5264	498.462	498.341	498.614	498.589	498.475	498.242	498.774	498.655	498.242	498.581
29.0264	498.530	498.592	498.574	498.682	498.519	498.777	498.490	498.594	498.451	498.722
29.5264	498.442	498.319	498.327	498.686	498.350	498.488	498.537	498.596	498.325	498.471
30.0264	498.528	498.695	498.486	498.733	498.605	498.634	498.519	498.407	498.625	498.640
30.5264	498.398	498.550	498.686	498.856	498.600	498.592	498.669	498.807	498.288	498.435
31.0264	498.768	498.838	498.369	498.407	498.746	498.618	498.453	498.349	498.490	498.669
31.5264	498.504	498.404	498.774	498.865	498.224	498.371	498.790	498.656	498.499	498.631
32.0264	498.385	499.052	498.534	498.466	498.572	498.607	498.515	498.629	498.294	498.475
32.5264	498.376	498.435	498.699	498.928	498.383	498.486	498.911	498.682	498.387	498.534
33.0264	498.640	498.750	498.495	498.607	498.693	498.836	498.349	498.585	498.735	498.719
33.5264	498.435	498.567	498.794	498.836	498.495	498.598	498.843	498.497	498.407	498.631
34.0264	498.460	498.609	498.730	499.157	501.028	501.846	501.576	500.860	501.589	501.714
34.5264	500.222	502.598	502.002	502.604	502.444	502.864	502.112	501.793	504.018	505.676
35.0264	505.582	504.410	501.133	501.265	499.245	498.427	498.596	498.464	498.426	498.525
35.5264	498.363	498.389	498.482	498.783	498.422	498.545	498.446	498.805	498.594	498.622
36.0264	498.653	498.783	498.394	498.651	498.407	498.783	498.391	498.517	498.439	498.721
36.5264	498.611	498.321	498.537	498.728	498.451	498.347	498.565	498.706	498.605	498.691
37.0264	498.510	498.638	498.255	498.453	498.581	498.821	498.530	498.528	498.605	498.704
37.5264	498.682	498.550	498.272	498.845	498.435	498.277	498.488	498.545	498.323	498.506
38.0264	498.365	498.752	498.546	498.528	498.418	498.583	498.539	498.251	498.739	498.627
38.5264	498.482	498.528	498.515	498.636	498.475	498.378	498.570	498.671	498.341	498.457
39.0264	498.484	498.556	498.306	498.512	498.642	498.704	498.490	498.314	498.438	498.827
39.5264	498.816	498.534	498.594	498.885	498.398	498.473	498.583	498.664	498.545	498.396
40.0264	498.596	498.843	498.603	498.574	498.832	498.488	498.660	498.517	498.349	498.704
40.5264	498.396	498.704	498.609	498.660	498.556	498.515	498.475	498.706	498.708	498.506
41.0264	498.801	498.959	498.369	498.394	498.404	498.596	498.640	498.556	498.675	498.638
41.5264	498.567	498.578	498.393	498.704	498.583	498.369	498.750	498.508	498.279	498.596
42.0264	498.495	498.607	498.497	498.416	498.308	498.799	498.475	498.402	498.464	498.796
42.5264	498.488	498.552	498.636	498.519	498.530	498.548	498.787	498.759	498.460	498.457
43.0264	498.658	498.479	498.611	498.418	498.805	498.592	498.378	498.352	498.803	498.845
43.5264	498.299	498.585	498.631	498.462	498.499	498.537	498.695	498.667	498.706	498.504
44.0264	498.607	498.664	498.407	498.750	498.457	498.796	498.600	498.424	498.481	498.618
44.5264	498.570	498.479	498.614	498.840	498.387	498.448	498.473	498.510	498.526	498.215
45.0264	498.305	498.662	498.376	498.497	498.448	498.545	498.369	498.358	498.367	498.651
45.5264	498.587	498.345	498.429	498.614	498.336	498.438	498.415	498.651	498.404	498.378
46.0264	498.486	498.706	498.473	498.413	498.669	498.623	498.530	498.391	498.563	498.484
46.5264	498.376	498.301	498.603	498.730	498.462	498.120	498.545	498.510	498.490	498.433
47.0264	498.689	498.801	498.517	498.607	498.759	498.730	498.552	498.589	498.609	498.526
47.5264	498.684	498.620	498.506	498.678	498.620	498.625	498.669	498.834	498.435	498.433
48.0264	498.684	498.581	498.704	498.460	498.409	498.843	498.766	498.268	498.523	498.539
48.5264	498.466	498.453	498.585	498.715	498.578	498.367	498.455	498.488	498.411	498.270
49.0264	498.528	498.537	498.596	498.341	498.534	498.257	498.627	498.572	498.490	498.578
49.5264	498.570	498.453	498.594	498.526	498.528	498.585	498.499	498.658	498.611	498.422

TEST M3 HEAT BALANCE TRANSIENT 2598 (50 ms Averaged) TC26 K RECORD = 79

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0263	523.448	523.225	523.498	523.500	523.427	523.443	523.643	523.657	523.436	523.259
0.5263	523.471	523.625	523.343	523.146	523.664	523.527	523.432	523.445	523.550	523.552
1.0263	523.518	523.477	523.482	523.784	523.484	523.493	523.332	523.548	523.248	523.339
1.5263	523.716	523.543	523.614	523.461	523.357	523.552	523.564	523.214	523.532	523.484
2.0263	523.188	523.350	523.486	523.770	523.439	523.350	523.389	523.454	523.466	523.400
2.5263	523.382	523.534	523.295	523.589	523.609	523.641	523.477	523.539	523.605	523.634
3.0263	523.684	523.391	523.382	523.443	523.468	523.380	523.309	523.452	523.252	523.536
3.5263	523.341	523.402	523.405	523.409	523.336	523.670	523.609	523.500	523.716	523.557
4.0263	523.366	523.550	523.755	523.793	523.418	523.464	523.311	523.425	523.770	523.407
4.5263	523.657	523.677	523.607	523.386	523.427	523.470	523.500	523.684	523.748	523.970
5.0263	523.557	523.902	523.821	523.759	523.818	524.034	523.986	523.911	524.023	523.895
5.5263	524.039	524.082	524.170	524.145	524.120	524.136	524.139	524.080	524.161	524.307
6.0263	524.186	524.295	524.229	524.377	524.802	524.296	524.486	524.323	521.078	524.414
6.5263	524.500	524.627	524.639	524.484	524.591	524.768	524.616	524.791	524.898	524.741
7.0263	525.082	524.527	524.904	525.054	524.916	524.964	525.029	524.820	524.970	525.025
7.5263	525.234	525.513	525.277	525.218	525.300	525.193	525.354	525.270	525.423	525.511
8.0263	525.400	525.375	525.515	525.711	525.468	525.434	525.731	525.870	525.806	525.629
8.5263	525.756	525.863	525.688	525.791	525.668	525.975	525.797	525.977	525.947	526.156
9.0263	526.081	525.879	525.777	526.202	526.254	526.186	525.975	526.463	526.149	526.356
9.5263	526.454	526.602	526.370	526.592	526.479	526.765	526.497	526.556	528.562	526.815
10.0263	526.758	526.499	526.727	527.006	526.581	526.758	526.970	526.954	526.911	526.890
10.5263	527.113	527.299	526.972	527.158	527.292	527.308	527.049	527.099	527.217	527.213
11.0263	527.063	527.269	527.394	527.331	527.580	527.390	527.560	527.469	527.442	527.549
11.5263	527.640	527.824	527.540	527.690	527.942	527.815	527.792	527.694	527.780	528.023
12.0263	527.905	527.635	527.826	528.178	527.878	527.989	528.239	528.214	528.273	528.160
12.5263	528.191	528.459	528.339	528.366	528.534	528.648	528.637	528.450	528.639	528.691
13.0263	528.464	528.459	528.721	528.898	528.786	528.637	528.727	528.664	528.957	528.525
13.5263	529.018	529.079	528.798	528.791	528.918	528.870	529.016	529.415	529.107	529.116
14.0263	529.202	529.048	529.127	529.461	529.665	529.309	529.250	529.674	529.354	529.524
14.5263	529.529	529.570	529.726	529.470	529.638	529.736	529.733	529.824	529.851	529.987
15.0263	529.599	529.797	529.824	529.890	529.983	529.922	529.965	530.296	530.278	529.992
15.5263	530.060	530.051	530.276	530.094	530.419	530.428	530.480	530.394	530.417	530.437
16.0263	530.396	530.314	530.516	530.818	530.530	530.807	530.600	530.800	530.596	530.500
16.5263	530.734	530.737	530.689	530.923	530.820	531.134	531.102	530.834	530.877	531.041
17.0263	530.902	531.034	531.061	531.204	531.054	531.327	530.896	531.261	531.306	531.284
17.5263	531.602	531.660	531.386	531.470	531.520	531.572	531.256	531.261	531.733	531.590
18.0263	532.493	531.794	531.826	531.801	531.842	531.810	531.824	532.051	531.810	531.924
18.5263	531.892	532.010	531.924	531.969	532.055	532.448	532.185	532.042	532.153	532.459
19.0263	532.391	532.225	532.284	532.391	532.196	532.223	532.421	532.457	532.636	532.434
19.5263	532.691	532.709	532.727	532.852	532.831	532.802	532.827	533.110	532.918	532.709
20.0263	533.036	533.147	532.827	533.056	533.360	532.938	533.024	532.958	533.047	533.349
20.5263	533.165	533.183	533.337	533.346	533.340	533.374	533.233	533.301	533.424	535.343
21.0263	533.698	533.451	533.703	533.564	533.659	533.746	533.768	533.739	533.875	533.689
21.5263	533.823	533.859	533.292	533.049	533.072	533.414	533.049	533.174	533.201	533.957
22.0263	533.532	534.199	534.245	534.338	534.358	534.082	534.397	534.460	534.517	534.458
22.5263	534.773	534.490	534.664	534.705	534.834	534.674	534.671	534.585	534.909	534.637
23.0263	534.649	534.746	534.606	534.998	534.857	534.937	534.984	535.030	534.889	534.782
23.5263	535.005	535.254	535.143	534.932	535.320	535.279	535.204	535.175	535.483	535.599
24.0263	535.408	535.538	535.644	535.726	535.608	535.628	535.540	535.769	535.894	535.733
24.5263	535.662	535.764	535.737	535.857	535.839	535.941	535.975	535.817	535.891	536.000

TEST M3 HEAT BALANCE TRANSIENT 2598 (50 ms Averaged) TC26 K RECORD = 80

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0263	535.733	536.000	536.173	536.175	536.204	536.132	536.436	536.293	536.372	536.361
25.5263	536.325	536.635	536.390	536.642	536.572	536.712	536.758	536.821	536.585	536.771
26.0263	536.875	536.864	536.764	536.742	536.665	536.678	536.889	536.712	536.964	536.730
26.5263	536.681	536.896	536.563	536.785	536.724	536.862	536.758	536.694	536.889	536.935
27.0263	536.785	536.746	537.037	536.801	536.880	536.805	536.894	536.919	536.869	536.817
27.5263	536.767	537.032	536.480	536.830	536.853	536.705	536.794	536.576	536.817	537.046
28.0263	536.685	536.932	536.753	536.925	536.783	536.476	536.703	537.032	536.991	536.653
28.5263	536.808	536.878	536.805	536.730	536.844	536.862	536.891	536.638	536.846	536.969
29.0263	536.819	536.642	536.603	536.937	536.651	536.758	536.950	536.746	536.812	536.653
29.5263	536.719	537.116	536.862	536.606	536.758	536.728	536.880	536.662	536.975	536.803
30.0263	536.726	536.812	536.848	536.794	536.950	536.628	536.780	536.880	536.812	536.706
30.5263	536.796	536.889	536.730	536.803	536.701	536.914	536.719	536.803	536.665	536.594
31.0263	536.685	536.676	536.508	536.715	536.547	536.751	536.667	537.039	536.821	536.452
31.5263	536.678	538.448	536.864	536.742	536.778	536.894	536.778	536.585	537.050	536.873
32.0263	536.740	536.774	536.760	536.731	536.730	536.660	536.680	536.783	537.095	536.245
32.5263	529.677	536.690	536.866	536.669	536.674	536.742	536.758	536.783	536.776	536.880
33.0263	536.767	536.737	536.787	536.901	536.803	536.672	536.740	536.894	536.808	536.685
33.5263	536.588	536.810	536.701	536.866	536.767	536.803	536.758	536.549	536.744	536.719
34.0263	536.767	536.485	536.814	536.463	535.855	535.735	535.660	535.919	535.653	535.635
34.5263	536.057	535.499	535.554	535.052	535.241	535.129	535.628	535.046	534.435	534.417
35.0263	533.825	534.540	535.383	535.737	536.331	536.320	536.524	536.502	536.690	536.601
35.5263	536.708	536.549	536.730	536.640	536.776	536.803	536.853	536.590	536.529	536.687
36.0263	536.647	536.517	536.703	536.458	536.395	536.855	536.724	536.653	536.733	536.631
36.5263	536.472	536.572	536.855	536.613	536.733	536.724	536.676	536.388	536.803	536.789
37.0263	536.556	536.814	536.658	536.672	536.710	536.726	536.533	536.735	536.515	536.531
37.5263	536.842	536.563	536.690	536.672	536.819	536.662	536.547	536.492	536.624	536.608
38.0263	536.721	536.751	536.882	536.724	536.613	536.724	536.472	536.470	536.569	536.751
38.5263	536.622	536.730	536.744	536.545	536.694	536.547	536.762	536.617	536.374	536.692
39.0263	536.751	536.036	536.685	536.508	536.910	536.569	536.764	536.612	536.753	536.626
39.5263	536.624	536.746	536.658	536.492	536.801	536.306	536.504	536.427	536.535	536.676
40.0263	536.742	536.789	536.907	536.848	536.685	536.510	536.617	536.601	536.794	536.746
40.5263	536.737	536.599	536.624	536.454	536.499	536.662	536.794	536.721	536.628	536.762
41.0263	536.699	536.656	536.665	536.665	536.785	536.701	536.862	536.776	536.665	536.959
41.5263	536.950	536.776	536.551	536.631	536.481	536.678	533.395	536.165	536.540	536.794
42.0263	536.742	536.490	536.708	536.567	536.626	536.667	536.685	536.461	536.848	536.637
42.5263	536.436	536.628	536.551	536.687	536.606	536.724	536.642	536.556	536.538	536.535
43.0263	536.706	536.730	536.535	536.576	536.594	536.656	536.812	536.377	536.637	536.011
43.5263	536.277	536.719	536.873	536.592	536.490	536.610	536.771	536.560	536.424	536.513
44.0263	536.619	536.601	536.740	536.560	536.408	536.703	536.681	536.710	536.687	536.467
44.5263	536.483	536.721	536.733	536.615	536.674	536.749	536.699	536.520	536.633	536.563
45.0263	536.588	536.622	536.526	536.472	536.579	536.721	536.740	536.662	536.683	536.676
45.5263	536.746	536.601	536.683	536.585	536.556	536.855	536.742	536.685	536.420	536.721
46.0263	536.549	536.638	536.662	536.855	536.388	536.579	536.637	536.604	536.617	536.660
46.5263	536.567	536.136	536.660	536.513	536.660	536.613	536.662	536.583	536.735	536.430
47.0263	536.842	536.404	536.520	536.753	536.894	536.449	536.801	536.726	536.726	536.556
47.5263	536.742	536.472	536.751	536.449	536.574	536.481	536.649	536.751	536.492	536.526
48.0263	536.651	536.504	536.535	536.569	536.758	536.583	536.320	533.039	536.703	536.529
48.5263	536.662	536.590	536.980	536.699	536.603	536.624	536.622	536.504	536.658	536.588
49.0263	536.606	536.801	536.520	536.728	536.592	536.681	536.674	536.529	536.585	536.735
49.5263	536.578	536.488	536.461	536.578	536.660	536.715	536.771	536.545	536.547	536.717

TEST M3 HEAT BALANCE TRANSIENT 2598 (50 ms Averaged) TC27 K RECORD = 81

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0263	533.796	532.649	532.805	532.421	532.507	532.658	532.484	532.400	532.656	532.593
0.5263	532.497	532.651	532.737	532.382	532.805	532.599	532.769	532.789	532.678	532.482
1.0263	532.299	532.640	532.425	532.486	532.407	532.618	532.749	532.258	532.335	532.853
1.5263	532.783	532.353	532.434	532.667	532.640	532.547	532.509	532.814	532.715	534.164
2.0263	532.733	532.832	532.830	532.534	532.507	532.812	532.629	532.353	532.656	532.846
2.5263	532.789	532.427	532.694	532.588	532.751	532.656	532.699	532.731	532.713	532.513
3.0263	532.624	532.382	532.839	532.581	532.832	532.950	532.832	532.724	532.543	532.973
3.5263	532.907	532.672	532.593	532.536	532.914	532.502	532.593	532.970	532.862	532.606
4.0263	532.547	532.939	532.964	532.606	532.529	532.896	532.943	532.468	532.477	532.866
4.5263	532.221	532.486	532.681	532.850	532.584	532.889	532.898	532.830	532.968	532.753
5.0263	532.862	532.968	532.957	532.794	533.106	532.988	533.138	533.054	532.932	532.606
5.5263	533.237	532.941	533.122	533.201	532.968	533.224	532.972	533.271	533.303	533.253
6.0263	533.054	533.549	533.375	533.271	533.102	533.595	533.611	533.572	533.235	533.733
6.5263	533.626	533.334	533.579	533.767	533.606	533.547	533.694	533.601	533.497	533.577
7.0263	533.651	533.803	534.151	533.726	534.085	533.988	533.789	533.841	533.972	534.065
7.5263	533.993	534.038	534.233	533.959	534.357	534.140	534.244	534.400	534.447	534.160
8.0263	533.859	534.278	534.574	534.364	534.027	534.434	534.526	534.391	534.212	534.639
8.5263	534.549	534.515	534.490	534.938	534.852	534.572	534.726	535.029	534.816	534.484
9.0263	534.866	535.176	535.071	534.875	534.854	534.990	535.040	534.897	535.241	534.981
9.5263	535.485	535.083	535.117	535.094	535.411	534.920	535.320	535.343	535.451	535.359
10.0263	535.390	535.246	535.610	535.160	535.784	535.508	535.720	535.521	535.368	535.650
10.5263	535.894	535.594	535.648	535.833	535.822	535.750	535.585	535.931	535.890	535.757
11.0263	535.673	535.883	536.127	535.675	535.998	536.080	535.795	536.053	535.842	536.193
11.5263	536.279	536.091	536.231	536.439	536.485	536.182	536.412	536.317	536.390	536.168
12.0263	536.613	536.620	536.645	536.229	536.333	536.548	536.729	536.514	536.338	536.763
12.5263	536.693	536.518	536.478	536.733	536.912	536.873	536.455	536.939	537.106	536.894
13.0263	536.873	537.097	537.194	536.810	537.210	537.448	537.136	536.844	537.093	537.113
13.5263	537.307	537.156	536.989	537.513	537.477	537.088	537.102	537.398	537.366	537.472
14.0263	537.545	537.373	537.843	537.380	537.739	537.531	537.805	537.576	537.811	537.762
14.5263	538.033	537.805	537.784	537.997	538.062	537.985	537.692	537.680	538.110	537.866
15.0263	537.635	538.261	538.137	538.119	537.902	538.137	538.419	538.252	538.177	538.435
15.5263	538.399	538.153	538.275	538.650	538.607	538.609	538.573	538.756	538.686	538.315
16.0263	538.539	538.709	538.779	538.555	538.489	538.790	538.862	538.813	538.675	538.652
16.5263	538.792	538.643	538.865	538.828	538.917	538.885	538.998	539.145	539.043	539.183
17.0263	539.082	539.059	539.317	539.063	538.964	539.301	539.292	539.251	539.014	539.615
17.5263	539.547	539.468	539.285	539.357	539.529	539.231	539.472	539.689	539.956	539.624
18.0263	539.599	539.875	539.915	539.592	539.852	539.795	540.143	539.927	539.899	540.116
18.5263	540.119	540.073	540.030	540.245	540.100	540.105	540.225	539.992	540.261	540.112
19.0263	540.105	540.290	540.243	540.512	540.313	540.566	540.747	540.561	540.286	540.584
19.5263	540.683	540.640	540.466	540.487	540.857	540.783	540.408	540.783	541.155	540.792
20.0263	540.602	540.898	541.196	540.896	540.930	540.900	541.022	540.975	540.814	541.029
20.5263	541.307	540.936	540.900	541.230	541.614	541.081	541.205	541.307	541.352	541.456
21.0263	541.296	541.192	541.334	541.300	541.474	541.418	541.822	541.494	541.603	541.549
21.5263	541.695	545.396	547.920	547.773	549.358	549.282	550.995	548.631	546.815	544.590
22.0263	546.639	542.127	542.084	541.932	542.025	542.075	542.188	542.052	542.100	542.344
22.5263	542.379	542.362	542.059	542.556	542.332	542.246	542.271	542.443	542.488	542.332
23.0263	542.517	542.671	542.705	542.127	542.585	542.619	542.594	542.800	542.554	542.865
23.5263	542.935	542.809	542.849	543.021	542.994	542.913	542.822	543.215	543.321	543.026
24.0263	542.845	543.272	543.342	543.118	543.163	543.274	543.513	543.328	543.053	543.414
24.5263	543.558	543.394	543.367	543.635	543.870	543.475	543.321	543.615	543.667	543.622

TEST M3 HEAT BALANCE TRANSIENT 2598 (50 ms Averaged) TC27 K RECORD = 82

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0263	543.753	543.843	544.010	543.811	543.780	543.953	544.121	543.642	543.780	544.098
25.5263	544.247	543.945	544.193	544.023	543.960	544.021	543.859	544.206	544.337	544.179
26.0263	544.324	544.261	544.511	544.371	544.484	544.549	544.592	544.509	544.439	544.398
26.5263	544.561	544.543	544.333	544.452	544.685	544.398	544.304	544.430	544.644	544.373
27.0263	544.270	544.328	544.665	544.462	544.387	544.525	544.495	544.489	544.154	544.527
27.5263	544.692	544.538	544.518	544.626	544.662	544.622	544.337	544.538	544.748	544.532
28.0263	544.322	544.624	544.529	544.188	544.286	544.489	544.538	544.471	544.358	544.471
28.5263	544.507	544.448	544.491	544.340	544.708	544.315	544.430	544.425	544.705	544.432
29.0263	544.498	544.471	544.805	544.565	544.534	544.583	544.744	544.568	544.606	544.534
29.5263	544.579	544.401	544.304	544.432	544.541	544.541	544.238	544.532	544.766	544.649
30.0263	544.547	544.615	544.653	544.574	544.597	544.748	544.554	544.622	544.513	544.615
30.5263	544.642	544.834	544.351	544.649	544.382	544.398	544.439	544.360	544.809	544.471
31.0263	544.434	544.446	544.552	544.385	544.647	544.297	544.667	544.629	544.473	544.647
31.5263	544.680	544.586	544.606	544.547	544.721	544.541	544.656	544.324	544.660	544.617
32.0263	544.471	544.613	544.780	544.615	544.439	544.635	544.825	544.593	544.644	544.502
32.5263	545.197	544.800	544.529	544.692	544.549	544.893	544.552	544.656	544.992	544.574
33.0263	544.773	544.726	544.969	544.595	544.676	544.721	544.782	544.583	544.529	544.662
33.5263	544.945	544.610	544.631	544.495	544.897	544.737	544.574	544.586	544.877	544.726
34.0263	544.432	544.570	544.861	547.050	551.925	555.542	555.675	553.084	555.349	554.487
34.5263	552.355	556.731	557.263	558.760	558.272	559.230	553.264	557.833	564.139	565.148
35.0263	569.047	561.022	554.453	553.398	547.282	544.960	545.003	544.798	544.730	544.789
35.5263	545.067	544.859	544.647	544.766	544.778	544.550	544.579	544.556	544.881	544.793
36.0263	544.626	544.559	544.848	544.906	544.556	544.672	544.911	544.854	544.771	544.547
36.5263	544.757	544.796	544.577	544.730	545.069	544.755	544.719	544.909	544.884	544.601
37.0263	544.613	544.969	544.929	544.895	544.780	544.714	544.637	544.875	544.550	544.692
37.5263	544.969	544.753	544.620	544.658	544.836	544.732	544.816	544.746	544.719	544.615
38.0263	544.834	544.554	544.888	544.730	544.750	544.732	545.053	544.818	544.586	544.832
38.5263	545.055	545.107	544.789	544.495	544.863	544.809	544.717	544.746	545.159	544.866
39.0263	544.737	544.579	545.091	544.626	544.807	544.848	544.807	544.651	544.705	544.811
39.5263	544.906	544.800	544.606	544.990	544.917	544.875	544.647	544.391	545.123	544.719
40.0263	544.604	544.568	544.902	544.755	544.712	544.680	544.990	544.807	544.956	544.633
40.5263	545.026	544.768	544.726	544.550	544.895	544.967	544.696	544.940	544.954	544.940
41.0263	544.507	544.802	544.922	544.814	544.857	544.550	545.006	544.893	544.735	544.981
41.5263	545.071	544.886	544.662	544.859	544.787	544.868	544.789	544.866	544.933	544.999
42.0263	544.778	544.787	544.848	544.845	544.807	544.764	545.042	544.843	544.721	544.690
42.5263	544.721	544.936	544.760	544.617	544.827	544.735	544.967	544.599	545.012	544.893
43.0263	544.744	544.857	544.748	544.929	544.678	544.678	544.956	544.875	544.726	544.850
43.5263	544.852	544.854	544.823	544.886	544.843	544.694	544.775	544.778	545.042	544.660
44.0263	544.690	544.994	544.958	544.556	544.739	544.493	544.807	544.800	544.671	544.818
44.5263	545.021	544.628	544.852	544.629	544.823	544.816	544.759	544.683	544.825	545.080
45.0263	544.859	544.471	544.830	545.033	544.987	544.714	544.947	544.834	544.486	544.809
45.5263	545.001	545.109	544.588	544.423	544.994	544.739	544.931	540.915	544.981	545.046
46.0263	544.644	544.839	545.035	544.909	544.701	544.920	545.010	544.739	544.595	544.755
46.5263	544.893	544.805	544.635	544.710	545.089	544.807	544.850	544.541	544.906	544.746
47.0263	544.728	544.753	544.940	544.692	544.827	544.936	544.902	544.940	545.125	544.956
47.5263	544.954	544.653	544.836	544.457	544.859	544.899	544.667	544.759	544.784	545.071
48.0263	544.651	544.597	545.024	544.904	544.708	544.843	545.087	544.992	544.728	544.741
48.5263	545.037	544.838	544.832	544.917	544.818	544.890	544.683	544.845	544.868	544.956
49.0263	544.741	544.931	545.100	544.798	544.656	544.730	544.732	544.656	544.890	544.638
49.5263	545.064	544.868	544.791	544.800	544.820	544.992	545.137	544.615	544.922	544.773

TEST M3 HEAT BALANCE TRANSIENT 2598 (50 ms Averaged) AIB A RECORD = 83

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	16.379	15.244	15.143	15.136	15.130	15.126	15.125	15.121	15.121	15.120
0.5250	15.121	15.120	15.122	15.122	15.120	15.121	15.120	15.122	15.120	15.120
1.0250	15.121	15.121	15.122	15.123	15.122	15.122	15.124	15.124	15.124	15.124
1.5250	15.122	15.120	15.121	15.122	15.121	15.121	15.121	15.120	15.122	15.121
2.0250	15.120	15.121	15.122	15.121	15.124	15.122	15.125	15.123	15.126	15.125
2.5250	15.125	15.126	15.131	15.131	15.132	15.132	15.130	15.131	15.132	15.133
3.0250	15.131	15.134	15.135	15.135	15.136	15.136	15.134	15.136	15.137	15.137
3.5250	15.136	15.138	15.139	15.139	15.138	15.141	15.141	15.143	15.145	15.144
4.0250	15.145	15.144	15.144	15.145	15.144	15.145	15.145	15.144	15.144	15.145
4.5250	15.145	15.142	15.143	15.142	15.143	15.142	15.144	15.143	15.144	15.144
5.0250	15.144	15.144	15.144	15.144	15.144	15.141	15.141	15.141	15.141	15.141
5.5250	15.141	15.141	15.140	15.141	15.141	15.140	15.138	15.136	15.133	15.131
6.0250	15.132	15.130	15.129	15.132	15.134	15.132	15.133	15.133	15.135	15.137
6.5250	15.136	15.138	15.140	15.141	15.140	15.141	15.140	15.141	15.140	15.141
7.0250	15.142	15.143	15.142	15.141	15.141	15.140	15.141	15.142	15.143	15.142
7.5250	15.142	15.143	15.145	15.144	15.144	15.144	15.144	15.146	15.145	15.145
8.0250	15.144	15.144	15.145	15.145	15.144	15.144	15.145	15.145	15.143	15.143
8.5250	15.142	15.143	15.140	15.142	15.140	15.139	15.141	15.140	15.142	15.141
9.0250	15.141	15.139	15.139	15.139	15.139	15.138	15.140	15.138	15.137	15.139
9.5250	15.139	15.139	15.139	15.137	15.136	15.136	15.135	15.131	15.134	15.132
10.0250	15.134	15.137	15.137	15.137	15.137	15.137	15.136	15.132	15.134	15.132
10.5250	15.134	15.134	15.136	15.135	15.135	15.135	15.138	15.139	15.138	15.139
11.0250	15.138	15.139	15.139	15.141	15.140	15.140	15.140	15.139	15.138	15.140
11.5250	15.138	15.136	15.133	15.133	15.133	15.131	15.130	15.129	15.130	15.126
12.0250	15.125	15.123	15.123	15.123	15.127	15.129	15.131	15.129	15.127	15.132
12.5250	15.130	15.132	15.130	15.129	15.128	15.130	15.131	15.128	15.127	15.124
13.0250	15.125	15.123	15.122	15.121	15.119	15.120	15.118	15.119	15.118	15.120
13.5250	15.118	15.118	15.118	15.119	15.117	15.119	15.117	15.115	15.115	15.113
14.0250	15.110	15.107	15.104	15.102	15.102	15.095	15.095	15.095	15.093	15.093
14.5250	15.093	15.092	15.091	15.092	15.091	15.091	15.091	15.092	15.090	15.089
15.0250	15.089	15.088	15.090	15.091	15.092	15.091	15.092	15.093	15.090	15.088
15.5250	15.086	15.085	15.083	15.080	15.079	15.081	15.078	15.076	15.074	15.074
16.0250	15.073	15.073	15.072	15.072	15.070	15.072	15.072	15.070	15.069	15.068
16.5250	15.069	15.067	15.065	15.066	15.058	15.051	15.054	15.048	15.049	15.046
17.0250	15.047	15.045	15.045	15.046	15.043	15.044	15.045	15.044	15.045	15.044
17.5250	15.044	15.045	15.044	15.044	15.045	15.046	15.045	15.045	15.045	15.045
18.0250	15.046	15.044	15.045	15.044	15.044	15.043	15.042	15.043	15.042	15.042
18.5250	15.041	15.040	15.041	15.041	15.038	15.038	15.038	15.037	15.034	15.039
19.0250	15.040	15.040	15.041	15.041	15.042	15.039	15.037	15.035	15.035	15.029
19.5250	15.030	15.028	15.027	15.023	15.022	15.022	15.020	15.020	15.017	15.017
20.0250	15.015	15.015	15.013	15.014	15.014	15.013	15.012	15.011	15.007	15.008
20.5250	15.007	15.004	15.005	15.006	15.006	15.006	15.005	15.006	15.005	15.006
21.0250	15.004	15.002	15.000	14.998	14.997	14.997	14.995	14.996	14.995	14.995
21.5250	14.997	14.649	14.463	14.396	14.254	14.103	14.023	14.080	14.308	14.865
22.0250	14.534	15.020	15.076	15.116	15.141	15.145	15.145	15.145	15.146	15.145
22.5250	15.144	15.142	15.144	15.143	15.138	15.135	15.133	15.132	15.133	15.135
23.0250	15.136	15.134	15.131	15.132	15.129	15.130	15.130	15.132	15.129	15.128
23.5250	15.128	15.127	15.128	15.128	15.129	15.125	15.125	15.124	15.121	15.120
24.0250	15.121	15.121	15.122	15.120	15.122	15.120	15.117	15.117	15.117	15.117
24.5250	15.119	15.119	15.119	15.119	15.121	15.120	15.121	15.121	15.120	15.119

TEST M3 HEAT BALANCE TRANSIENT 2598 (50 ms Averaged) AIB A RECORD = 84

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
25.0250	15.120	15.119	15.120	15.119	15.118	15.118	15.118	15.118	15.116	15.118
25.5250	15.114	15.111	15.109	15.107	15.104	15.102	15.099	15.098	15.096	15.094
26.0250	15.094	15.092	15.092	15.091	15.091	15.091	15.088	15.085	15.081	15.080
26.5250	15.080	15.074	15.072	15.072	15.072	15.071	15.069	15.070	15.068	15.068
27.0250	15.067	15.067	15.066	15.064	15.065	15.063	15.062	15.062	15.063	15.062
27.5250	15.060	15.056	15.058	15.055	15.055	15.056	15.054	15.055	15.056	15.060
28.0250	15.057	15.056	15.059	15.059	15.058	15.058	15.054	15.055	15.053	15.055
28.5250	15.050	15.054	15.052	15.054	15.051	15.049	15.046	15.045	15.044	15.043
29.0250	15.044	15.042	15.042	15.042	15.041	15.042	15.040	15.038	15.038	15.034
29.5250	15.032	15.031	15.033	15.037	15.035	15.032	15.038	15.035	15.033	15.034
30.0250	15.032	15.027	15.025	15.024	15.023	15.025	15.021	15.023	15.023	15.024
30.5250	15.025	15.021	15.020	15.020	15.019	15.018	15.019	15.019	15.018	15.018
31.0250	15.018	15.018	15.016	15.013	15.011	15.011	15.011	15.007	15.004	15.001
31.5250	15.003	14.998	15.000	14.999	14.999	14.998	14.995	14.996	14.995	14.993
32.0250	14.994	14.993	14.989	14.990	14.989	14.986	14.985	14.982	14.979	14.978
32.5250	14.971	14.977	14.978	14.972	14.972	14.971	14.971	14.969	14.968	14.966
33.0250	14.967	14.966	14.965	14.965	14.965	14.966	14.963	14.961	14.962	14.960
33.5250	14.958	14.961	14.958	14.959	14.958	14.960	14.959	14.958	14.955	14.953
34.0250	14.952	14.951	14.949	14.759	14.179	13.810	13.780	14.124	13.829	14.031
34.5250	14.265	13.497	13.642	13.474	13.510	13.273	13.716	13.641	12.770	12.212
35.0250	12.041	13.115	13.814	14.055	14.690	14.972	14.977	14.977	14.977	14.979
35.5250	14.981	14.983	14.981	14.982	14.981	14.979	14.976	14.974	14.972	14.973
36.0250	14.972	14.971	14.971	14.970	14.971	14.971	14.971	14.971	14.971	14.971
36.5250	14.971	14.972	14.973	14.971	14.971	14.972	14.970	14.970	14.971	14.971
37.0250	14.971	14.972	14.972	14.973	14.972	14.974	14.972	14.973	14.971	14.971
37.5250	14.973	14.972	14.973	14.977	14.978	14.979	14.975	14.976	14.976	14.973
38.0250	14.972	14.973	14.975	14.977	14.978	14.977	14.976	14.976	14.974	14.974
38.5250	14.973	14.971	14.974	14.973	14.972	14.972	14.972	14.972	14.970	14.970
39.0250	14.969	14.968	14.968	14.968	14.966	14.968	14.967	14.967	14.966	14.966
39.5250	14.966	14.964	14.960	14.961	14.963	14.963	14.963	14.965	14.967	14.966
40.0250	14.966	14.966	14.966	14.966	14.966	14.966	14.966	14.966	14.966	14.966
40.5250	14.966	14.966	14.966	14.966	14.966	14.966	14.966	14.966	14.966	14.966
41.0250	14.966	14.966	14.966	14.966	14.966	14.966	14.966	14.966	14.966	14.966
41.5250	14.966	14.966	14.966	14.966	14.966	14.966	14.966	14.966	14.966	14.966
42.0250	14.966	14.966	14.966	14.966	14.966	14.966	14.966	14.966	14.966	14.966
42.5250	14.966	14.966	14.966	14.966	14.966	14.966	14.966	14.966	14.966	14.966
43.0250	14.966	14.966	14.966	14.966	14.966	14.966	14.966	14.966	14.966	14.966
43.5250	14.966	14.966	14.966	14.966	14.966	14.966	14.966	14.966	14.966	14.966
44.0250	14.966	14.966	14.966	14.966	14.966	14.966	14.966	14.966	14.966	14.966
44.5250	14.966	14.966	14.966	14.966	14.966	14.966	14.966	14.966	14.966	14.966
45.0250	14.966	14.966	14.966	14.966	14.966	14.966	14.966	14.966	14.966	14.966
45.5250	14.966	14.966	14.966	14.966	14.966	14.966	14.966	14.966	14.966	14.966
46.0250	14.966	14.966	14.966	14.966	14.966	14.966	14.966	14.966	14.966	14.966
46.5250	14.966	14.966	14.966	14.966	14.966	14.966	14.966	14.966	14.966	14.966
47.0250	14.966	14.966	14.966	14.966	14.966	14.966	14.966	14.966	14.966	14.966
47.5250	14.966	14.966	14.966	14.966	14.966	14.966	14.966	14.966	14.966	14.966
48.0250	14.966	14.966	14.966	14.966	14.966	14.966	14.966	14.966	14.966	14.966
48.5250	14.966	14.966	14.966	14.966	14.966	14.966	14.966	14.966	14.966	14.966
49.0250	14.966	14.966	14.966	14.966	14.966	14.966	14.966	14.966	14.966	14.966
49.5250	14.966	14.966	14.966	14.966	14.966	14.966	14.966	14.966	14.966	14.966

TEST M3 FINAL TRANSIENT 2599 (50 ms Averaged) SAF1 MW RECORD = 85

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	-0.082	-0.120	-0.366	-0.127	-0.112	-0.112	-0.194	-0.172	-0.075	-0.127
0.5250	-0.216	0.037	-0.030	0.030	-0.052	0.104	0.052	-0.179	-0.022	-0.127
1.0250	-0.045	0.134	0.015	-0.015	0.097	-0.201	0.186	0.194	-0.179	0.298
1.5250	0.261	0.015	0.075	0.134	-0.097	-0.142	0.119	0.209	0.112	0.037
2.0250	0.134	-0.127	-0.037	0.253	-0.060	0.298	0.037	0.283	0.149	0.082
2.5250	0.000	0.171	0.104	0.403	0.194	0.149	-0.119	0.507	0.432	0.268
3.0250	0.306	0.343	0.350	0.626	0.649	0.693	0.746	0.626	0.917	1.230
3.5250	1.484	1.708	1.954	2.051	2.581	3.163	3.834	4.311	5.005	6.057
4.0250	7.213	8.458	9.771	11.375	13.464	15.507	18.282	21.258	24.853	29.172
4.5250	33.983	39.697	43.508	45.850	46.760	47.753	47.611	48.043	47.961	48.715
5.0250	48.066	48.655	48.424	48.439	48.670	48.618	48.260	48.416	48.439	48.543
5.5250	48.454	48.163	48.110	48.185	47.999	47.931	48.222	48.655	48.618	48.499
6.0250	48.737	48.730	49.095	49.334	49.461	49.714	50.050	50.117	50.452	50.863
6.5250	50.997	51.497	51.735	52.145	52.556	52.757	52.906	53.123	53.690	53.854
7.0250	53.921	54.473	54.533	55.100	54.853	55.726	55.950	56.614	56.256	56.987
7.5250	57.054	57.375	57.598	58.120	58.128	58.568	58.888	59.373	59.590	60.067
8.0250	60.201	60.701	60.761	61.350	61.566	61.656	62.454	62.581	62.708	62.954
8.5250	63.685	63.715	63.841	64.416	64.692	64.662	65.296	65.572	66.057	66.504
9.0250	67.011	67.123	67.474	67.780	68.362	68.541	69.093	69.727	69.936	70.301
9.5250	70.525	71.300	71.614	72.181	72.509	73.068	73.605	73.970	74.366	74.746
10.0250	75.067	75.634	75.932	76.141	77.133	77.342	77.596	77.805	78.618	78.774
10.5250	79.177	79.654	80.452	80.624	81.310	81.802	81.929	82.078	82.601	83.212
11.0250	83.556	84.018	84.659	84.436	85.189	85.383	85.883	86.479	86.606	87.098
11.5250	87.382	88.008	87.971	88.709	88.777	89.261	89.694	89.985	90.380	91.171
12.0250	91.649	92.372	92.409	92.850	93.230	93.841	94.654	95.460	95.609	96.370
12.5250	96.810	97.735	97.981	98.190	99.428	99.137	99.816	100.398	100.629	101.315
13.0250	101.569	102.136	102.598	103.038	103.471	103.724	104.627	105.619	106.798	107.379
13.5250	108.789	109.192	110.132	111.079	111.900	112.332	113.250	113.787	114.518	115.830
14.0250	116.778	117.561	117.911	119.142	119.456	120.724	121.089	122.372	122.641	123.647
14.5250	124.572	125.475	126.280	126.683	127.974	128.675	129.093	129.995	130.912	131.875
15.0250	132.397	133.441	134.590	135.574	137.245	138.095	140.035	140.915	142.728	143.958
15.5250	144.988	146.397	147.964	149.224	150.828	151.932	153.334	154.333	155.751	157.422
16.0250	158.652	159.644	161.502	162.583	163.941	165.403	166.648	167.700	169.177	170.982
16.5250	171.944	173.279	174.833	176.144	177.151	179.239	179.851	181.708	182.640	182.051
17.0250	145.487	81.594	42.509	28.486	23.257	21.452	19.856	18.558	16.902	16.066
17.5250	15.059	14.329	13.620	12.710	12.412	11.756	11.450	11.084	11.039	10.532
18.0250	10.532	10.204	10.122	9.853	9.712	9.532	9.488	9.436	9.242	9.145
18.5250	8.831	8.995	8.690	8.682	8.615	8.533	8.182	8.369	8.048	7.988
19.0250	7.832	7.847	7.861	7.682	7.407	7.690	7.280	7.421	7.026	7.101
19.5250	7.086	7.056	6.802	6.817	6.899	6.638	6.661	6.624	6.504	6.444
20.0250	6.139	6.094	6.005	6.258	6.027	5.960	5.975	5.982	6.020	5.818
20.5250	5.699	5.833	5.639	5.580	5.699	5.475	5.423	5.393	5.319	5.356
21.0250	5.304	5.236	5.087	5.117	5.028	5.154	5.065	4.759	4.804	5.028
21.5250	4.625	4.647	4.640	4.767	4.595	4.595	4.356	4.573	4.677	4.550
22.0250	4.252	4.386	4.364	4.334	4.364	4.229	4.222	4.214	4.043	4.006
22.5250	4.006	4.088	3.976	3.827	3.871	4.006	3.938	3.722	3.827	3.931
23.0250	3.685	3.774	3.812	3.536	3.797	3.700	3.551	3.491	3.506	3.551
23.5250	3.565	3.483	3.416	3.416	3.401	3.342	3.327	3.289	3.439	3.260
24.0250	3.222	3.192	3.140	3.185	3.095	3.133	3.028	3.215	2.931	2.872
24.5250	3.088	3.006	2.946	2.775	3.043	3.043	2.790	2.984	2.916	2.827

TEST M3 FINAL TRANSIENT 2599 (50 ms Averaged) INT1 MJ RECORD = 86

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	-1.011	0.069	0.488	0.453	0.348	-0.628	-0.105	-0.105	-0.279	0.662
0.5250	-0.105	-0.349	0.174	-0.349	-1.116	0.418	0.697	-0.035	-0.314	1.150
1.0250	0.627	-0.488	0.523	-0.523	-0.140	-0.453	1.289	0.976	0.174	-0.732
1.5250	-0.140	0.348	-0.244	-0.384	0.279	0.104	0.662	-0.698	-0.035	1.638
2.0250	0.592	-0.244	0.418	1.290	-0.105	0.418	0.732	0.801	-0.175	0.418
2.5250	0.732	0.279	0.069	0.244	-0.698	0.941	-0.070	0.557	0.209	-0.663
3.0250	0.697	0.662	-0.732	0.174	0.383	0.418	0.209	1.045	0.732	0.000
3.5250	0.732	0.697	1.185	0.906	0.871	1.185	1.568	0.732	2.719	2.266
4.0250	2.126	3.451	3.556	2.928	4.183	5.334	6.379	6.589	8.053	8.785
4.5250	10.981	13.073	13.352	17.326	18.267	21.091	24.124	26.006	27.505	30.817
5.0250	32.525	33.187	37.231	39.636	42.146	45.179	46.643	48.282	51.349	53.406
5.5250	56.160	58.182	60.866	62.505	65.503	66.897	72.057	71.081	73.974	75.578
6.0250	81.190	81.400	83.910	87.361	88.441	89.975	94.333	96.564	98.655	100.538
6.5250	102.037	104.930	106.290	109.253	112.042	113.157	117.096	119.502	121.524	124.870
7.0250	126.439	129.542	131.843	135.085	136.654	140.454	142.615	145.473	147.914	150.737
7.5250	153.631	156.873	158.581	161.614	164.611	167.644	170.886	172.420	176.638	178.590
8.0250	183.052	184.029	187.619	190.931	193.371	196.718	199.333	201.703	205.747	207.943
8.5250	211.011	213.347	217.948	219.099	223.421	225.269	229.661	232.102	235.866	239.562
9.0250	241.514	244.756	248.207	251.484	254.830	258.386	262.186	264.662	267.799	272.993
9.5250	274.911	279.512	281.883	285.996	288.785	292.445	294.641	298.929	302.206	306.041
10.0250	308.795	313.013	316.847	320.368	322.948	327.166	332.117	334.453	338.392	342.749
10.5250	347.734	349.477	353.416	358.053	361.086	364.781	370.533	371.683	377.818	380.503
11.0250	386.603	388.486	392.530	397.167	402.117	404.522	409.124	412.017	417.339	421.046
11.5250	426.100	428.680	434.188	438.441	442.206	446.947	450.468	456.534	458.451	463.994
12.0250	467.585	471.454	475.393	482.784	486.270	491.638	494.845	499.273	502.828	507.953
12.5250	511.335	516.982	521.758	526.220	530.892	535.319	541.245	545.254	551.180	553.551
13.0250	560.976	564.148	571.364	572.794	579.452	585.100	590.608	594.930	599.811	603.227
13.5250	609.118	614.661	620.413	625.433	631.220	636.310	642.375	646.838	652.834	659.004
14.0250	662.246	669.671	674.900	680.199	684.626	691.285	697.281	702.510	708.680	715.130
14.5250	720.707	726.529	732.211	739.846	743.854	750.199	758.321	763.969	770.035	775.229
15.0250	780.702	787.151	792.136	799.736	807.091	812.251	821.733	825.603	834.806	839.721
15.5250	848.088	852.759	861.265	867.644	874.023	881.693	890.339	897.624	905.398	911.638
16.0250	918.890	927.047	934.437	941.932	951.170	957.236	966.265	974.596	980.871	988.750
16.5250	998.267	1007.470	1014.338	1023.611	1029.223	1039.193	1047.525	1056.414	1064.432	1074.437
17.0250	1081.514	1086.743	1089.113	1091.031	1093.262	1095.179	1094.203	1094.343	1096.574	1097.480
17.5250	1097.097	1098.142	1098.875	1099.468	1100.583	1099.328	1101.594	1101.071	1102.535	1102.117
18.0250	1103.372	1102.117	1106.370	1103.685	1104.731	1106.195	1106.823	1106.126	1106.962	1107.764
18.5250	1108.043	1107.311	1108.705	1109.158	1109.193	1109.716	1110.065	1110.169	1110.657	1111.599
19.0250	1110.901	1112.296	1111.250	1113.620	1112.121	1113.167	1113.585	1113.969	1114.631	1114.771
19.5250	1115.573	1115.572	1115.433	1116.270	1117.072	1117.071	1116.688	1117.455	1117.803	1117.420
20.0250	1118.884	1118.954	1118.152	1119.198	1119.930	1119.547	1120.836	1120.488	1120.523	1120.976
20.5250	1121.673	1121.185	1122.614	1122.335	1122.196	1123.102	1122.719	1123.625	1124.043	1123.660
21.0250	1123.067	1124.532	1125.054	1124.950	1125.333	1126.309	1125.507	1125.682	1125.542	1126.379
21.5250	1126.030	1126.658	1127.007	1127.599	1127.425	1128.052	1127.669	1128.436	1129.063	1128.610
22.0250	1128.924	1128.680	1130.179	1129.516	1129.133	1129.795	1130.492	1130.318	1130.109	1130.214
22.5250	1130.179	1131.085	1131.294	1131.015	1131.539	1131.643	1131.852	1132.375	1132.689	1133.491
23.0250	1133.072	1131.992	1133.177	1132.445	1132.863	1133.525	1134.048	1133.943	1133.769	1134.083
23.5250	1133.909	1134.292	1134.083	1135.234	1134.676	1135.512	1134.885	1134.885	1135.582	1136.488
24.0250	1135.687	1136.384	1135.861	1136.698	1136.698	1136.593	1136.105	1137.081	1136.314	1136.872
24.5250	1137.465	1137.395	1137.500	1137.290	1138.301	1137.848	1138.336	1138.476	1138.964	1138.476

TEST M3 FINAL TRANSIENT 2599 (50 ms Averaged) SF1C MW RECORD = 88

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	-0.118	-0.153	-0.388	-0.161	-0.146	-0.146	-0.224	-0.203	-0.111	-0.161
0.5250	-0.246	-0.004	-0.068	-0.011	-0.089	0.060	0.010	-0.210	-0.061	-0.160
1.0250	-0.082	0.088	-0.025	-0.054	0.053	-0.231	0.138	0.145	-0.210	0.244
1.5250	0.209	-0.025	0.031	0.088	-0.132	-0.174	0.074	0.159	0.067	-0.004
2.0250	0.088	-0.160	-0.075	0.202	-0.096	0.244	-0.004	0.230	0.102	0.038
2.5250	-0.040	0.124	0.060	0.344	0.145	0.102	-0.153	0.443	0.372	0.216
3.0250	0.251	0.287	0.294	0.556	0.578	0.620	0.670	0.556	0.833	1.131
3.5250	1.373	1.585	1.820	1.912	2.416	2.970	3.608	4.063	4.723	5.723
4.0250	6.823	8.008	9.257	10.783	12.770	14.715	17.355	20.186	23.607	27.716
4.5250	32.294	37.730	41.356	43.585	44.451	45.395	45.260	45.672	45.594	46.310
5.0250	45.693	46.253	46.033	46.048	46.268	46.218	45.877	46.026	46.048	46.147
5.5250	46.062	45.785	45.735	45.806	45.629	45.565	45.842	46.253	46.218	46.105
6.0250	46.332	46.325	46.672	46.899	47.020	47.261	47.580	47.644	47.964	48.354
6.5250	48.482	48.957	49.184	49.574	49.965	50.157	50.298	50.504	51.044	51.200
7.0250	51.264	51.789	51.846	52.385	52.151	52.981	53.194	53.826	53.485	54.181
7.5250	54.245	54.550	54.762	55.259	55.266	55.685	55.990	56.451	56.657	57.111
8.0250	57.239	57.715	57.772	58.332	58.538	58.623	59.383	59.503	59.624	59.858
8.5250	60.554	60.582	60.703	61.249	61.512	61.483	62.086	62.349	62.810	63.236
9.0250	63.719	63.825	64.159	64.450	65.003	65.174	65.699	66.302	66.501	66.849
9.5250	67.062	67.800	68.098	68.637	68.949	69.481	69.992	70.340	70.716	71.078
10.0250	71.383	71.923	72.207	72.405	73.349	73.548	73.789	73.988	74.762	74.911
10.5250	75.294	75.748	76.507	76.670	77.323	77.792	77.912	78.054	78.551	79.133
11.0250	79.460	79.900	80.510	80.297	81.014	81.199	81.674	82.242	82.362	82.831
11.5250	83.100	83.696	83.661	84.363	84.427	84.889	85.300	85.577	85.953	86.706
12.0250	87.160	87.848	87.884	88.303	88.664	89.246	90.020	90.786	90.928	91.652
12.5250	92.071	92.951	93.185	93.384	94.562	94.285	94.931	95.485	95.705	96.357
13.0250	96.599	97.138	97.578	97.997	98.408	98.650	99.508	100.452	101.574	102.127
13.5250	103.468	103.852	104.746	105.647	106.428	106.839	107.712	108.223	108.919	110.168
14.0250	111.069	111.814	112.148	113.319	113.617	114.824	115.171	116.392	116.647	117.605
14.5250	118.485	119.344	120.111	120.494	121.722	122.389	122.786	123.645	124.518	125.433
15.0250	125.930	126.924	128.017	128.953	130.543	131.352	133.197	134.035	135.759	136.930
15.5250	137.910	139.251	140.741	141.941	143.467	144.517	145.851	146.802	148.150	149.740
16.0250	150.911	151.855	153.622	154.651	155.943	157.334	158.519	159.519	160.925	162.642
16.5250	163.558	164.828	166.354	167.553	168.511	170.499	171.080	172.847	173.734	173.174
17.0250	138.385	77.593	40.405	27.063	22.088	20.371	18.852	17.618	16.042	15.247
17.5250	14.289	13.594	12.919	12.054	11.770	11.145	10.854	10.506	10.464	9.981
18.0250	9.981	9.669	9.591	9.335	9.200	9.030	8.988	8.938	8.753	8.661
18.5250	8.363	8.519	8.228	8.221	8.157	8.079	7.745	7.923	7.618	7.561
19.0250	7.412	7.426	7.440	7.270	7.007	7.277	6.887	7.022	6.645	6.716
19.5250	6.702	6.674	6.433	6.447	6.525	6.277	6.298	6.262	6.149	6.092
20.0250	5.801	5.759	5.674	5.915	5.695	5.631	5.645	5.652	5.688	5.496
20.5250	5.383	5.510	5.326	5.269	5.383	5.170	5.120	5.092	5.021	5.056
21.0250	5.007	4.943	4.801	4.829	4.744	4.865	4.779	4.488	4.531	4.744
21.5250	4.361	4.382	4.375	4.496	4.332	4.332	4.105	4.311	4.410	4.290
22.0250	4.006	4.134	4.112	4.084	4.112	3.985	3.977	3.970	3.807	3.772
22.5250	3.772	3.850	3.743	3.601	3.644	3.772	3.708	3.502	3.601	3.701
23.0250	3.466	3.552	3.587	3.324	3.573	3.481	3.339	3.282	3.296	3.339
23.5250	3.353	3.275	3.211	3.211	3.197	3.140	3.126	3.090	3.232	3.062
24.0250	3.026	2.998	2.948	2.991	2.906	2.941	2.842	3.019	2.749	2.693
24.5250	2.899	2.820	2.764	2.600	2.856	2.856	2.615	2.799	2.735	2.650

TEST M3 FINAL TRANSIENT 2599 (50 ms Averaged) IN1C MJ RECORD = 89

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	-1.156	-0.075	0.344	0.309	0.204	-0.772	-0.249	-0.249	-0.423	0.518
0.5250	-0.249	-0.493	0.030	-0.493	-1.260	0.274	0.553	-0.179	-0.458	1.006
1.0250	0.483	-0.633	0.378	-0.667	-0.284	-0.598	1.145	0.832	0.030	-0.877
1.5250	-0.284	0.204	-0.389	-0.528	0.134	-0.040	0.518	-0.842	-0.179	1.494
2.0250	0.448	-0.389	0.274	1.145	-0.249	0.274	0.588	0.657	-0.319	0.274
2.5250	0.588	0.134	-0.075	0.099	-0.842	0.797	-0.214	0.413	0.065	-0.807
3.0250	0.553	0.518	-0.877	0.030	0.239	0.274	0.065	0.901	0.587	-0.145
3.5250	0.588	0.553	1.041	0.762	0.727	1.041	1.424	0.588	2.575	2.121
4.0250	1.982	3.307	3.411	2.784	4.039	5.190	6.235	6.444	7.909	8.641
4.5250	10.837	12.929	13.208	17.182	18.123	20.947	23.980	25.862	27.361	30.673
5.0250	32.381	33.043	37.087	39.492	42.002	45.035	46.499	48.138	51.205	53.262
5.5250	56.016	58.038	60.722	62.361	65.359	66.753	71.913	70.936	73.830	75.434
6.0250	81.046	81.256	83.765	87.217	88.297	89.831	94.189	96.420	98.511	100.394
6.5250	101.893	104.786	106.146	109.109	111.897	113.013	116.952	119.358	121.379	124.726
7.0250	126.295	129.397	131.698	134.941	136.510	140.309	142.471	145.329	147.769	150.593
7.5250	153.487	156.728	158.437	161.469	164.467	167.500	170.742	172.276	176.494	178.446
8.0250	182.908	183.884	187.475	190.787	193.227	196.574	199.189	201.559	205.603	207.799
8.5250	210.867	213.203	217.804	218.955	223.277	225.125	229.517	231.957	235.722	239.417
9.0250	241.370	244.612	248.063	251.340	254.686	258.242	262.042	264.517	267.655	272.849
9.5250	274.766	279.368	281.738	285.852	288.641	292.301	294.497	298.785	302.062	305.896
10.0250	308.650	312.868	316.703	320.224	322.804	327.022	331.973	334.308	338.247	342.605
10.5250	347.590	349.333	353.272	357.909	360.941	364.636	370.388	371.539	377.674	380.359
11.0250	386.459	388.342	392.386	397.022	401.973	404.378	408.979	411.873	417.694	420.902
11.5250	425.956	428.536	434.044	438.297	442.062	446.803	450.324	456.390	458.307	463.850
12.0250	467.441	471.310	475.249	482.640	486.126	491.494	494.701	499.128	502.684	507.809
12.5250	511.190	516.838	521.614	526.076	530.747	535.174	541.101	545.110	551.036	553.406
13.0250	560.832	564.004	571.220	572.649	579.308	584.956	590.463	594.786	599.667	603.083
13.5250	608.974	614.517	620.269	625.289	631.076	636.166	642.231	646.694	652.690	658.860
14.0250	662.102	669.527	674.756	680.055	684.482	691.140	697.136	702.366	708.536	714.985
14.5250	720.563	726.385	732.067	739.701	743.710	750.055	758.177	763.825	769.891	775.085
15.0250	780.558	787.007	791.992	799.592	806.947	812.107	821.589	825.458	834.662	839.577
15.5250	847.943	852.615	861.121	867.500	873.879	881.549	890.194	897.480	905.255	911.494
16.0250	918.745	926.903	934.293	941.788	951.026	957.092	966.121	974.453	980.727	988.606
16.5250	998.122	1007.326	1014.193	1023.466	1029.079	1039.049	1047.381	1056.270	1064.288	1074.292
17.0250	1081.369	1086.599	1088.969	1090.887	1093.118	1095.035	1094.059	1094.199	1096.429	1097.336
17.5250	1096.952	1097.998	1098.730	1099.323	1100.438	1099.183	1101.449	1100.927	1102.391	1101.972
18.0250	1103.227	1101.972	1106.225	1103.541	1104.587	1106.051	1106.679	1105.981	1106.818	1107.620
18.5250	1107.899	1107.166	1108.561	1109.014	1109.049	1109.572	1109.920	1110.025	1110.513	1111.454
19.0250	1110.757	1112.152	1111.106	1113.476	1111.977	1113.023	1113.441	1113.825	1114.487	1114.626
19.5250	1115.428	1115.428	1115.289	1116.126	1116.927	1116.927	1116.544	1117.311	1117.659	1117.276
20.0250	1118.740	1118.810	1118.008	1119.054	1119.786	1119.402	1120.692	1120.344	1120.378	1120.832
20.5250	1121.529	1121.041	1122.470	1122.191	1122.052	1122.958	1122.575	1123.481	1123.899	1123.516
21.0250	1122.923	1124.387	1124.910	1124.806	1125.189	1126.165	1125.363	1125.538	1125.398	1126.235
21.5250	1125.887	1126.514	1126.863	1127.455	1127.281	1127.908	1127.525	1128.292	1128.919	1128.466
22.0250	1128.780	1128.536	1130.035	1129.372	1128.989	1129.651	1130.349	1130.174	1129.965	1130.070
22.5250	1130.035	1130.941	1131.150	1130.871	1131.394	1131.499	1131.708	1132.231	1132.545	1133.346
23.0250	1132.928	1131.847	1133.033	1132.301	1132.719	1133.381	1133.904	1133.800	1133.625	1133.939
23.5250	1133.765	1134.148	1133.939	1135.089	1134.532	1135.369	1134.741	1134.741	1135.438	1136.344
24.0250	1135.543	1136.240	1135.717	1136.554	1136.553	1136.449	1135.961	1136.937	1136.170	1136.728
24.5250	1137.320	1137.251	1137.355	1137.146	1138.157	1137.704	1138.192	1138.332	1138.820	1138.332

TEST M3 FINAL TRANSIENT 2599 (50 ms Averaged) ROD1 CM RECORD = 90

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	27.567	27.653	27.484	27.638	27.613	27.765	27.795	27.590	27.656	27.732
0.5250	27.499	27.663	27.666	27.651	27.512	27.459	27.562	27.456	27.626	27.436
1.0250	27.671	27.532	27.699	27.542	27.656	27.570	27.653	27.436	27.366	27.658
1.5250	27.684	27.522	27.514	27.555	27.656	27.532	27.570	27.462	27.396	27.524
2.0250	27.583	27.461	27.391	27.664	27.575	27.416	27.376	27.519	27.434	27.643
2.5250	27.479	27.477	27.522	27.522	27.525	27.633	27.370	27.474	27.537	27.540
3.0250	27.585	27.623	27.547	27.567	27.393	27.446	27.595	27.449	27.671	27.413
3.5250	27.550	27.636	27.514	27.419	27.553	27.439	27.532	27.482	27.750	27.421
4.0250	27.492	27.398	27.413	27.406	27.494	27.451	27.497	27.689	27.393	27.426
4.5250	27.436	27.477	27.545	27.658	27.454	27.474	27.419	27.638	27.365	27.540
5.0250	27.527	27.659	27.492	27.606	27.494	27.423	27.636	27.459	27.512	27.600
5.5250	27.532	27.558	27.593	27.449	27.580	27.441	27.717	27.598	27.489	27.580
6.0250	27.734	27.413	27.590	27.557	27.636	27.547	27.653	27.383	27.525	27.469
6.5250	27.502	27.530	27.459	27.444	27.381	27.401	27.565	27.669	27.444	27.469
7.0250	27.552	27.497	27.365	27.527	27.330	27.608	27.419	27.451	27.512	27.555
7.5250	27.474	27.585	27.429	27.444	27.724	27.542	27.530	27.537	27.413	27.522
8.0250	27.502	27.494	27.535	27.386	27.605	27.365	27.469	27.537	27.747	27.408
8.5250	27.535	27.360	27.537	27.429	27.492	27.454	27.573	27.494	27.542	27.583
9.0250	27.466	27.620	27.477	27.628	27.398	27.653	27.464	27.406	27.494	27.588
9.5250	27.456	27.605	27.527	27.469	27.300	27.638	27.426	27.600	27.277	27.638
10.0250	27.421	27.603	27.507	27.550	27.525	27.385	27.578	27.477	27.474	27.517
10.5250	27.598	27.545	27.550	27.444	27.578	27.472	27.701	27.300	27.638	27.451
11.0250	27.803	27.555	27.535	27.426	27.600	27.434	27.633	27.406	27.474	27.540
11.5250	27.494	27.444	27.421	27.542	27.585	27.555	27.418	27.585	27.431	27.423
12.0250	27.375	27.418	27.338	27.507	27.633	27.560	27.567	27.615	27.418	27.651
12.5250	27.418	27.512	27.421	27.517	27.489	27.353	27.540	27.514	27.774	27.439
13.0250	27.661	27.451	27.636	27.451	27.689	28.512	29.487	29.742	30.437	30.594
13.5250	31.132	31.422	32.243	32.395	32.925	33.334	34.120	34.539	35.035	35.593
14.0250	35.914	36.333	36.866	37.384	37.831	38.407	38.725	39.382	39.774	40.547
14.5250	40.759	41.418	41.840	42.401	42.578	43.156	43.547	43.980	44.465	45.136
15.0250	45.404	46.230	46.705	47.314	47.935	48.339	49.034	49.466	50.131	50.466
15.5250	51.538	51.773	52.573	52.897	53.480	54.139	55.031	55.600	56.016	56.474
16.0250	57.348	57.669	58.285	58.851	59.636	60.068	61.013	61.291	61.971	62.577
16.5250	63.314	64.188	64.486	65.279	66.010	66.709	67.505	68.031	68.667	64.529
17.0250	42.891	20.737	6.990	2.223	0.871	0.432	-0.046	-0.056	-0.200	-0.146
17.5250	-0.313	-0.336	-0.447	-0.455	-0.354	-0.477	-0.417	-0.381	-0.386	-0.412
18.0250	-0.384	-0.351	-0.159	-0.439	-0.374	-0.424	-0.227	-0.437	-0.442	-0.546
18.5250	-0.268	-0.447	-0.248	-0.399	-0.404	-0.437	-0.260	-0.490	-0.528	-0.159
19.0250	-0.502	-0.237	-0.447	-0.164	-0.480	-0.366	-0.548	-0.394	-0.452	-0.366
19.5250	-0.313	-0.308	-0.353	-0.293	-0.260	-0.439	-0.331	-0.414	-0.407	-0.285
20.0250	-0.177	-0.485	-0.409	-0.485	-0.262	-0.386	-0.285	-0.510	-0.346	-0.298
20.5250	-0.429	-0.500	-0.336	-0.493	-0.346	-0.240	-0.267	-0.265	-0.300	-0.298
21.0250	-0.402	-0.401	-0.424	-0.399	-0.404	-0.404	-0.505	-0.404	-0.401	-0.394
21.5250	-0.432	-0.359	-0.556	-0.374	-0.407	-0.288	-0.513	-0.386	-0.417	-0.445
22.0250	-0.283	-0.447	-0.209	-0.434	-0.465	-0.381	-0.268	-0.498	-0.334	-0.351
22.5250	-0.369	-0.392	-0.384	-0.447	-0.298	-0.427	-0.434	-0.290	-0.318	-0.346
23.0250	-0.341	-0.278	-0.336	-0.419	-0.328	-0.283	-0.394	-0.354	-0.392	-0.399
23.5250	-0.424	-0.399	-0.447	-0.242	-0.495	-0.346	-0.394	-0.389	-0.437	-0.399
24.0250	-0.389	-0.364	-0.450	-0.333	-0.525	-0.243	-0.439	-0.303	-0.374	-0.386
24.5250	-0.457	-0.401	-0.399	-0.399	-0.366	-0.412	-0.402	-0.316	-0.275	-0.338

TEST M3 FINAL TRANSIENT 2599 (50 ms Averaged) ROD2 CM RECORD = 91

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	0.385	0.483	0.493	0.400	0.435	0.473	0.417	0.468	0.344	0.440
0.5250	0.476	1.467	16.286	28.960	33.422	34.931	35.430	35.809	35.895	36.017
1.0250	35.996	36.067	36.029	36.075	36.006	36.032	36.102	36.057	36.034	36.055
1.5250	36.072	36.085	36.082	36.037	36.044	36.037	36.054	36.007	36.024	36.034
2.0250	36.090	36.049	36.047	36.087	36.050	36.062	36.049	35.994	36.047	36.128
2.5250	35.961	36.067	36.042	36.085	36.093	36.128	36.219	36.163	36.181	36.168
3.0250	36.120	36.204	36.158	36.199	36.171	36.201	36.204	36.212	36.216	36.224
3.5250	36.196	36.277	36.249	36.282	36.229	36.186	36.333	36.373	36.320	36.353
4.0250	36.447	36.414	36.462	36.563	36.603	36.626	36.704	36.849	36.929	37.076
4.5250	37.185	36.325	32.152	30.834	30.313	30.052	29.982	29.913	29.827	29.873
5.0250	29.845	29.949	29.873	30.020	30.103	30.207	30.321	30.404	30.576	30.647
5.5250	30.789	30.824	31.024	31.138	31.262	31.543	31.684	31.932	32.058	32.339
6.0250	32.503	32.718	32.928	33.070	33.356	33.475	33.844	33.983	34.193	34.448
6.5250	34.709	34.891	35.182	35.321	35.597	35.830	36.032	36.320	36.454	36.780
7.0250	37.061	37.271	37.491	37.757	38.048	38.316	38.475	38.728	39.062	39.269
7.5250	39.583	39.828	40.144	40.319	40.559	40.840	41.239	41.396	41.672	41.910
8.0250	42.241	42.456	42.760	43.063	43.372	43.604	43.953	44.262	44.525	44.783
8.5250	45.127	45.392	45.708	45.974	46.260	46.581	46.857	47.216	47.512	47.820
9.0250	48.182	48.513	48.832	49.151	49.503	49.755	50.089	50.405	50.785	51.103
9.5250	51.440	51.771	52.181	52.459	52.793	53.107	53.527	53.830	54.186	54.510
10.0250	54.827	55.299	55.596	55.993	56.336	56.668	57.083	57.465	57.841	58.132
10.5250	58.545	58.967	59.359	59.779	60.171	60.542	60.909	61.339	61.691	62.124
11.0250	62.589	62.930	63.472	63.823	64.314	64.703	65.115	65.508	65.991	66.428
11.5250	66.876	67.356	67.794	68.212	68.639	69.178	69.691	70.172	70.667	71.203
12.0250	71.767	72.266	72.820	73.429	74.006	74.679	75.230	75.855	76.505	77.163
12.5250	77.792	78.518	79.183	79.823	80.504	81.194	82.008	82.630	83.470	84.237
13.0250	85.155	86.071	86.862	87.881	88.086	88.185	88.063	88.073	88.114	88.031
13.5250	88.033	88.160	88.101	88.089	88.132	88.091	88.099	88.119	88.076	88.091
14.0250	88.094	88.038	88.021	88.104	88.101	88.041	88.000	88.076	88.026	88.056
14.5250	88.003	88.036	88.058	88.051	87.937	88.043	87.995	88.005	87.945	87.978
15.0250	87.942	88.036	87.887	87.983	88.033	87.952	88.038	87.952	88.018	88.053
15.5250	87.988	88.015	88.038	87.975	87.998	87.998	87.957	87.947	88.041	87.962
16.0250	88.005	88.036	88.013	88.003	87.995	88.084	88.036	87.952	88.096	87.967
16.5250	87.972	87.932	88.043	87.998	88.066	87.977	87.967	87.995	87.907	87.328
17.0250	84.158	80.139	75.584	70.768	65.976	61.000	55.995	50.759	45.428	40.192
17.5250	34.868	29.691	24.488	19.946	15.717	12.279	9.631	7.651	6.260	4.988
18.0250	4.150	3.417	2.686	2.175	1.781	1.594	1.255	1.067	0.964	0.835
18.5250	0.691	0.589	0.483	0.364	0.218	0.256	0.253	0.185	0.218	0.170
19.0250	0.132	0.213	0.293	0.243	0.283	0.298	0.427	0.405	0.303	0.458
19.5250	0.427	0.533	0.496	0.528	0.453	0.480	0.541	0.761	0.488	0.584
20.0250	0.483	0.665	0.587	0.767	0.564	0.650	0.660	0.493	0.734	0.658
20.5250	0.622	0.771	0.668	0.769	0.678	0.622	0.701	0.617	0.541	0.683
21.0250	0.673	0.688	0.564	0.675	0.691	0.711	0.678	0.673	0.579	0.711
21.5250	0.589	0.660	0.723	0.724	0.731	0.615	0.627	0.660	0.648	0.729
22.0250	0.617	0.779	0.488	0.562	0.587	0.724	0.579	0.675	0.612	0.653
22.5250	0.691	0.815	0.698	0.696	0.638	0.653	0.734	0.696	0.736	0.731
23.0250	0.640	0.600	0.559	0.680	0.731	0.696	0.711	0.737	0.612	0.584
23.5250	0.612	0.736	0.739	0.592	0.723	0.673	0.595	0.653	0.546	0.706
24.0250	0.630	0.681	0.592	0.577	0.640	0.625	0.690	0.635	0.627	0.721
24.5250	0.822	0.655	0.638	0.645	0.855	0.602	0.721	0.643	0.617	0.686

[redacted] ms Averaged) RSF NORM RECORD = 92

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	0.890	0.890	0.890	0.890	0.890	0.890	0.890	0.890	0.890	0.890
0.5250	0.890	0.891	0.910	0.926	0.932	0.934	0.935	0.935	0.935	0.935
1.0250	0.936	0.935	0.936	0.935	0.935	0.935	0.936	0.935	0.935	0.936
1.5250	0.936	0.935	0.935	0.933	0.936	0.935	0.935	0.935	0.935	0.935
2.0250	0.935	0.935	0.935	0.936	0.935	0.935	0.935	0.935	0.935	0.936
2.5250	0.935	0.935	0.935	0.935	0.935	0.936	0.935	0.935	0.935	0.935
3.0250	0.936	0.936	0.935	0.936	0.935	0.935	0.936	0.935	0.936	0.935
3.5250	0.936	0.936	0.936	0.935	0.936	0.935	0.936	0.936	0.936	0.935
4.0250	0.936	0.936	0.936	0.936	0.936	0.936	0.936	0.937	0.936	0.936
4.5250	0.937	0.936	0.930	0.929	0.928	0.928	0.927	0.928	0.927	0.927
5.0250	0.927	0.928	0.927	0.928	0.928	0.928	0.928	0.928	0.928	0.929
5.5250	0.929	0.929	0.929	0.929	0.929	0.929	0.930	0.930	0.930	0.931
6.0250	0.931	0.931	0.931	0.932	0.932	0.932	0.933	0.932	0.933	0.933
6.5250	0.934	0.934	0.934	0.934	0.934	0.935	0.935	0.936	0.936	0.936
7.0250	0.937	0.937	0.937	0.937	0.937	0.938	0.938	0.939	0.939	0.939
7.5250	0.940	0.940	0.940	0.941	0.941	0.941	0.942	0.942	0.942	0.943
8.0250	0.943	0.943	0.944	0.944	0.945	0.945	0.945	0.946	0.947	0.946
8.5250	0.947	0.947	0.948	0.948	0.948	0.949	0.949	0.950	0.950	0.950
9.0250	0.951	0.951	0.952	0.952	0.952	0.953	0.953	0.953	0.954	0.955
9.5250	0.955	0.956	0.956	0.956	0.956	0.957	0.957	0.958	0.958	0.959
10.0250	0.959	0.960	0.960	0.961	0.961	0.961	0.962	0.963	0.963	0.964
10.5250	0.964	0.965	0.965	0.965	0.966	0.967	0.967	0.967	0.968	0.969
11.0250	0.970	0.970	0.970	0.971	0.972	0.972	0.973	0.973	0.974	0.974
11.5250	0.975	0.975	0.976	0.976	0.977	0.978	0.978	0.979	0.979	0.980
12.0250	0.981	0.981	0.982	0.983	0.984	0.985	0.986	0.986	0.987	0.988
12.5250	0.988	0.990	0.990	0.991	0.992	0.993	0.994	0.995	0.996	0.997
13.0250	0.998	0.999	1.001	1.001	1.002	1.004	1.006	1.006	1.008	1.008
13.5250	1.009	1.010	1.012	1.012	1.013	1.014	1.016	1.017	1.018	1.019
14.0250	1.019	1.020	1.021	1.022	1.023	1.025	1.025	1.027	1.027	1.029
14.5250	1.029	1.031	1.032	1.033	1.033	1.034	1.035	1.036	1.037	1.039
15.0250	1.039	1.041	1.042	1.043	1.044	1.045	1.047	1.048	1.049	1.050
15.5250	1.052	1.052	1.054	1.055	1.056	1.057	1.059	1.060	1.061	1.062
16.0250	1.064	1.065	1.066	1.067	1.069	1.070	1.072	1.072	1.074	1.075
16.5250	1.076	1.078	1.079	1.081	1.082	1.084	1.085	1.086	1.088	1.078
17.0250	1.029	0.919	0.944	0.928	0.919	0.913	0.906	0.899	0.893	0.886
17.5250	0.880	0.873	0.867	0.861	0.856	0.85[illegible]	0.849	0.847	0.845	0.843
18.0250	0.842	0.842	0.841	0.840	0.840	0.839	0.839	0.839	0.838	0.838
18.5250	0.838	0.838	0.838	0.838	0.838	0.838	0.838	0.837	0.837	0.838
19.0250	0.837	0.838	0.838	0.838	0.838	0.838	0.838	0.838	0.838	0.838
19.5250	0.838	0.838	0.838	0.838	0.838	0.838	0.838	0.838	0.838	0.838
20.0250	0.838	0.838	0.838	0.838	0.838	0.838	0.838	0.838	0.838	0.838
20.5250	0.838	0.838	0.838	0.838	0.838	0.838	0.838	0.838	0.838	0.838
21.0250	0.838	0.838	0.838	0.838	0.838	0.838	0.838	0.838	0.838	0.838
21.5250	0.838	0.838	0.838	0.838	0.838	0.838	0.838	0.838	0.838	0.838
22.0250	0.838	0.838	0.838	0.838	0.838	0.838	0.838	0.838	0.838	0.838
22.5250	0.838	0.838	0.838	0.838	0.838	0.838	0.838	0.838	0.838	0.838
23.0250	0.838	0.838	0.838	0.838	0.838	0.838	0.838	0.838	0.838	0.838
23.5250	0.838	0.838	0.838	0.838	0.838	0.838	0.838	0.838	0.838	0.838
24.0250	0.838	0.838	0.838	0.838	0.838	0.838	0.838	0.838	0.838	0.838
24.5250	0.838	0.838	0.838	0.838	0.838	0.838	0.838	0.838	0.838	0.838

TEST M3 FINAL TRANSIENT 2599 (50 ms Averaged) PRSF MW RECORD = 93

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	-0.105	-0.136	-0.345	-0.143	-0.130	-0.130	-0.200	-0.181	-0.099	-0.143
0.5250	-0.219	-0.003	-0.061	-0.010	-0.083	0.056	0.009	-0.196	-0.057	-0.150
1.0250	-0.077	0.083	-0.024	-0.050	0.050	-0.216	0.129	0.135	-0.196	0.228
1.5250	0.195	-0.024	0.029	0.083	-0.123	-0.163	0.069	0.149	0.062	-0.004
2.0250	0.082	-0.150	-0.070	0.189	-0.090	0.229	-0.004	0.215	0.096	0.036
2.5250	-0.037	0.116	0.056	0.321	0.136	0.096	-0.143	0.414	0.348	0.202
3.0250	0.235	0.269	0.275	0.521	0.541	0.580	0.627	0.521	0.780	1.058
3.5250	1.284	1.484	1.703	1.789	2.261	2.778	3.377	3.801	4.421	5.354
4.0250	6.385	7.492	8.662	10.091	11.952	13.772	16.246	18.908	22.100	25.954
4.5250	30.245	35.296	38.476	40.485	41.243	42.105	41.971	42.368	42.267	42.949
5.0250	42.374	42.912	42.688	42.720	42.920	42.873	42.583	42.710	42.745	42.849
5.5250	42.772	42.520	42.488	42.548	42.402	42.347	42.637	43.023	42.989	42.907
6.0250	43.143	43.120	43.472	43.689	43.826	44.050	44.380	44.423	44.747	45.121
6.5250	45.260	45.717	45.941	46.313	46.689	46.885	47.047	47.268	47.759	47.930
7.0250	48.016	48.517	48.571	49.111	48.890	49.716	49.907	50.520	50.230	50.901
7.5250	50.975	51.290	51.496	51.977	52.031	52.425	52.740	53.187	53.387	53.844
8.0250	53.987	54.450	54.531	55.066	55.308	55.379	56.135	56.280	56.439	56.641
8.5250	57.341	57.367	57.527	58.053	58.332	58.325	58.934	59.202	59.670	60.105
9.0250	60.578	60.726	61.051	61.373	61.900	62.116	62.620	63.215	63.448	63.819
9.5250	64.034	64.788	65.098	65.630	65.934	66.518	67.015	67.400	67.747	68.174
10.0250	68.465	69.052	69.338	69.572	70.508	70.709	71.009	71.221	72.002	72.179
10.5250	72.601	73.071	73.843	74.025	74.715	75.188	75.377	75.495	76.064	76.642
11.0250	77.061	77.483	78.128	77.939	78.715	78.907	79.445	80.000	80.180	80.694
11.5250	80.996	81.620	81.628	82.380	82.496	83.000	83.434	83.787	84.183	84.978
12.0250	85.477	86.217	86.299	86.809	87.253	87.890	88.716	89.553	89.732	90.567
12.5250	91.010	91.985	92.279	92.570	93.816	93.598	94.374	94.996	95.369	96.046
13.0250	96.445	97.055	97.631	98.141	98.627	99.051	100.101	101.106	102.386	102.967
13.5250	104.436	104.902	105.977	106.921	107.835	108.338	109.401	110.018	110.831	112.233
14.0250	113.225	114.075	114.537	115.869	116.278	117.643	118.069	119.492	119.842	121.021
14.5250	121.970	123.024	123.924	124.459	125.754	126.608	127.112	128.114	129.135	130.266
15.0250	130.846	132.113	133.353	134.509	136.345	137.287	139.424	140.406	142.413	143.744
15.5250	145.068	146.552	148.361	149.709	151.498	152.807	154.480	155.660	157.237	159.052
16.0250	160.580	161.692	163.767	165.045	166.677	168.325	169.895	171.043	172.809	174.831
16.5250	176.067	177.728	179.501	181.063	182.371	184.750	185.662	187.776	188.949	186.733
17.0250	142.635	76.072	38.171	25.123	20.311	18.591	17.073	15.843	14.319	13.514
17.5250	12.569	11.872	11.199	10.383	10.080	9.496	9.216	8.896	8.842	8.418
18.0250	8.409	8.138	8.067	7.841	7.725	7.579	7.543	7.495	7.340	7.259
18.5250	7.012	7.139	6.897	6.888	6.833	6.767	6.491	6.635	6.379	6.337
19.0250	6.207	6.223	6.232	6.093	5.869	6.097	5.769	5.883	5.567	5.629
19.5250	5.617	5.594	5.391	5.404	5.469	5.259	5.279	5.250	5.153	5.107
20.0250	4.864	4.826	4.755	4.958	4.775	4.720	4.733	4.736	4.769	4.608
20.5250	4.511	4.619	4.465	4.416	4.512	4.335	4.293	4.269	4.209	4.239
21.0250	4.196	4.143	4.023	4.048	3.977	4.078	4.005	3.762	3.797	3.976
21.5250	3.655	3.674	3.666	3.769	3.632	3.632	3.440	3.614	3.696	3.596
22.0250	3.359	3.465	3.448	3.422	3.446	3.340	3.335	3.327	3.191	3.162
22.5250	3.162	3.227	3.138	3.019	3.055	3.161	3.108	2.936	3.020	3.102
23.0250	2.906	2.977	3.007	2.787	2.995	2.918	2.799	2.752	2.763	2.798
23.5250	2.810	2.745	2.691	2.692	2.680	2.632	2.620	2.590	2.709	2.567
24.0250	2.536	2.513	2.471	2.507	2.435	2.466	2.382	2.531	2.305	2.258
24.5250	2.430	2.364	2.317	2.180	2.395	2.394	2.192	2.347	2.293	2.222

TEST M3 FINAL TRANSIENT 2599 (50 ms Averaged) ERSF MJ RECORD = 94

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	-0.002	-0.008	-0.018	-0.034	-0.038	-0.044	-0.055	-0.063	-0.071	-0.075
0.5250	-0.087	-0.092	-0.095	-0.094	-0.094	-0.094	-0.097	-0.098	-0.107	-0.108
1.0250	-0.116	-0.117	-0.114	-0.116	-0.119	-0.122	-0.124	-0.118	-0.118	-0.117
1.5250	-0.107	-0.102	-0.100	-0.103	-0.099	-0.108	-0.114	-0.105	-0.101	-0.099
2.0250	-0.094	-0.099	-0.103	-0.100	-0.097	-0.096	-0.088	-0.082	-0.077	-0.073
2.5250	-0.071	-0.069	-0.068	-0.058	-0.048	-0.039	-0.041	-0.032	-0.017	-0.001
3.0250	0.010	0.023	0.034	0.056	0.081	0.112	0.142	0.170	0.201	0.247
3.5250	0.304	0.375	0.453	0.540	0.641	0.769	0.922	1.098	1.305	1.549
4.0250	1.838	2.183	2.589	3.056	3.607	4.243	4.999	5.871	6.900	8.096
4.5250	9.484	11.122	12.979	14.959	17.004	19.084	21.187	23.299	25.415	27.545
5.0250	29.655	31.785	33.927	36.066	38.199	40.347	42.484	44.619	46.751	48.893
5.5250	51.012	53.151	55.265	57.395	59.514	61.634	63.763	65.907	68.050	70.201
6.0250	72.330	74.488	76.652	78.832	81.017	83.215	85.428	87.646	89.878	92.121
6.5250	94.358	96.634	98.925	101.230	103.557	105.893	108.243	110.602	112.976	115.371
7.0250	117.747	120.161	122.580	125.028	127.475	129.946	132.431	134.942	137.463	139.996
7.5250	142.512	145.070	147.636	150.228	152.827	155.439	158.067	160.717	163.381	166.062
8.0250	168.728	171.441	174.160	176.910	179.664	182.430	185.218	188.034	190.850	193.673
8.5250	196.497	199.365	202.239	205.126	208.035	210.953	213.884	216.834	219.811	222.801
9.0250	225.791	228.822	231.866	234.924	238.007	241.107	244.226	247.372	250.540	253.720
9.5250	256.881	260.107	263.350	266.621	269.909	273.221	276.557	279.920	283.298	286.697
10.0250	290.076	293.517	296.975	300.451	303.951	307.486	311.025	314.583	318.159	321.766
10.5250	325.346	328.995	332.661	336.365	340.077	343.828	347.592	351.358	355.152	358.972
11.0250	362.773	366.634	370.530	374.433	378.344	382.285	386.245	390.232	394.238	398.256
11.5250	402.258	406.323	410.407	414.507	418.630	422.763	426.928	431.105	435.307	439.533
12.0250	443.752	448.050	452.357	456.688	461.036	465.415	469.832	474.291	478.769	483.278
12.5250	487.773	492.352	496.949	501.578	506.230	510.926	515.621	520.352	525.112	529.898
13.0250	534.663	539.500	544.366	549.260	554.183	559.123	564.097	569.127	574.218	579.348
13.5250	584.483	589.713	594.988	600.310	605.683	611.083	616.526	622.007	627.543	633.113
14.0250	638.690	644.371	650.094	655.852	661.661	667.501	673.394	679.335	685.323	691.339
14.5250	697.352	703.474	709.649	715.858	722.115	728.425	734.767	741.149	747.578	754.066
15.0250	760.520	767.103	773.736	780.439	787.205	794.049	800.968	807.963	815.029	822.185
15.5250	829.334	836.625	844.001	851.451	858.984	866.582	874.273	882.019	889.845	897.749
16.0250	905.668	913.712	921.857	930.068	938.370	946.747	955.202	963.718	972.320	981.010
16.5250	989.701	998.538	1007.471	1016.486	1025.573	1034.749	1044.010	1053.343	1062.770	1072.223
17.0250	1080.593	1086.012	1088.725	1090.245	1091.362	1092.330	1093.220	1094.045	1094.800	1095.494
17.5250	1096.138	1096.750	1097.323	1097.867	1098.375	1098.866	1099.333	1099.784	1100.226	1100.658
18.0250	1101.075	1101.490	1101.896	1102.292	1102.683	1103.061	1103.441	1103.818	1104.188	1104.551
18.5250	1104.908	1105.258	1105.610	1105.953	1106.301	1106.639	1106.972	1107.300	1107.626	1107.943
19.0250	1108.256	1108.565	1108.875	1109.182	1109.482	1109.783	1110.076	1110.370	1110.657	1110.937
19.5250	1111.213	1111.497	1111.771	1112.040	1112.313	1112.582	1112.845	1113.110	1113.369	1113.625
20.0250	1113.870	1114.115	1114.354	1114.596	1114.840	1115.078	1115.312	1115.549	1115.787	1116.021
20.5250	1116.248	1116.476	1116.704	1116.926	1117.149	1117.370	1117.586	1117.799	1118.013	1118.221
21.0250	1118.433	1118.639	1118.846	1119.046	1119.247	1119.448	1119.650	1119.843	1120.034	1120.229
21.5250	1120.416	1120.602	1120.783	1120.969	1121.154	1121.336	1121.515	1121.688	1121.871	1122.053
22.0250	1122.225	1122.397	1122.570	1122.743	1122.915	1123.083	1123.250	1123.416	1123.578	1123.738
22.5250	1123.894	1124.055	1124.211	1124.366	1124.519	1124.673	1124.831	1124.982	1125.132	1125.285
23.0250	1125.433	1125.580	1125.730	1125.876	1126.021	1126.166	1126.312	1126.448	1126.588	1126.725
23.5250	1126.866	1127.003	1127.141	1127.274	1127.408	1127.540	1127.672	1127.800	1127.938	1128.065
24.0250	1128.193	1128.320	1128.444	1128.568	1128.691	1128.813	1128.936	1129.057	1129.178	1129.296
24.5250	1129.407	1129.530	1129.648	1129.761	1129.874	1129.996	1130.108	1130.224	1130.339	1130.455

TEST M3 FINAL TRANSIENT 2599 (50 ms Averaged) FM1L CC/S RECORD = 95

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	206.842	206.864	206.631	206.497	207.057	206.752	206.420	206.985	207.048	206.640
0.5250	206.080	207.146	206.828	206.882	206.582	206.855	206.918	206.739	206.618	206.573
1.0250	207.509	206.627	206.752	206.237	206.810	206.725	206.922	207.245	206.676	206.662
1.5250	207.222	207.330	207.075	206.537	206.913	207.048	206.877	206.797	206.958	207.097
2.0250	206.604	206.524	206.824	207.196	206.931	206.882	206.667	207.281	206.949	207.343
2.5250	206.752	206.765	207.227	206.963	206.882	207.213	207.760	206.716	206.895	206.609
3.0250	207.178	207.370	206.765	206.309	206.869	207.540	207.133	207.124	207.209	206.927
3.5250	207.545	206.931	206.541	206.461	207.084	206.954	206.631	207.007	207.554	206.792
4.0250	206.564	206.497	207.088	206.989	206.541	206.609	207.191	207.948	207.209	206.734
4.5250	207.549	208.360	208.414	207.935	207.438	208.163	208.575	208.584	207.576	207.966
5.0250	208.351	209.019	207.863	208.320	208.660	208.741	208.867	208.351	207.966	208.871
5.5250	209.023	208.387	208.405	208.840	209.001	208.298	208.602	208.683	209.252	209.100
6.0250	208.486	207.872	209.556	209.355	208.396	207.912	209.301	209.140	208.445	208.181
6.5250	208.602	209.350	209.162	208.410	208.495	209.494	209.055	208.898	208.047	208.916
7.0250	209.014	208.916	208.396	209.100	208.943	209.256	208.687	208.808	208.674	209.763
7.5250	208.611	208.916	208.522	209.436	209.704	208.884	208.849	209.453	209.789	208.952
8.0250	208.719	208.925	209.579	208.961	208.369	208.750	209.476	209.046	208.884	208.414
8.5250	208.983	208.692	209.328	208.598	209.019	209.440	209.445	208.755	208.571	209.153
9.0250	209.122	209.659	209.364	208.687	208.737	209.525	209.565	209.068	208.172	208.737
9.5250	208.768	208.920	208.669	208.553	208.786	209.261	208.472	208.060	208.638	209.413
10.0250	208.714	208.432	208.459	208.790	208.938	208.925	208.284	208.145	208.705	208.634
10.5250	208.109	207.912	208.271	208.858	208.965	207.872	207.953	208.199	209.203	208.486
11.0250	208.114	208.141	208.858	209.059	208.661	207.894	208.481	208.257	208.109	208.038
11.5250	207.948	208.486	208.620	208.230	208.060	208.347	208.508	208.678	207.639	208.289
12.0250	208.419	208.351	208.172	208.504	207.948	208.544	208.199	207.697	208.136	208.428
12.5250	207.850	207.608	207.760	208.141	208.056	208.217	207.984	208.065	208.773	208.109
13.0250	207.693	207.612	208.468	207.706	207.648	207.312	207.885	207.729	207.850	207.437
13.5250	207.796	207.854	208.239	206.989	207.258	207.670	207.361	207.240	206.828	206.936
14.0250	207.084	207.370	206.958	206.918	207.146	207.218	206.936	207.025	206.519	207.133
14.5250	206.394	206.344	206.313	206.797	206.568	206.488	206.855	206.891	206.685	206.662
15.0250	206.349	206.873	205.793	205.753	206.380	206.264	205.869	205.968	206.618	205.220
15.5250	205.973	205.556	206.205	206.035	205.583	204.947	205.372	205.704	206.470	205.547
16.0250	205.390	205.206	206.510	205.860	205.103	204.754	206.093	205.964	204.933	204.669
16.5250	205.592	206.335	205.108	204.749	205.247	205.632	205.153	204.239	205.005	205.775
17.0250	204.333	204.575	205.748	206.102	205.502	205.018	205.574	206.035	205.206	204.548
17.5250	204.781	205.041	204.154	203.656	204.140	203.509	203.934	203.862	203.625	203.535
18.0250	204.051	203.683	203.732	203.271	203.181	203.258	203.181	203.101	202.998	202.747
18.5250	202.966	202.505	202.850	202.496	202.837	202.402	202.447	202.384	202.111	202.586
19.0250	201.945	201.846	202.084	201.976	201.802	202.053	201.600	201.613	201.443	201.784
19.5250	201.797	201.546	201.170	201.174	201.340	200.955	200.704	200.717	200.798	200.780
20.0250	200.847	200.202	200.534	199.839	200.341	200.390	199.978	199.593	199.920	200.077
20.5250	200.350	199.181	199.365	198.840	199.400	198.840	198.827	198.661	199.163	198.831
21.0250	198.419	198.401	198.567	198.209	198.495	197.922	197.828	197.738	197.084	197.393
21.5250	197.290	196.676	196.569	196.202	196.394	196.108	196.049	195.888	195.839	195.606
22.0250	195.440	195.440	195.198	194.652	194.508	194.060	193.747	193.258	193.142	193.523
22.5250	192.958	193.075	192.851	192.721	192.568	192.425	192.398	192.246	191.856	191.748
23.0250	191.919	191.937	191.619	191.453	191.171	191.695	191.278	190.628	190.857	190.857
23.5250	190.212	190.709	190.328	190.431	190.342	190.216	190.248	190.051	189.956	190.100
24.0250	189.871	189.849	189.818	189.849	189.405	190.378	190.400	190.149	189.473	189.629
24.5250	189.083	189.423	188.787	188.962	189.244	188.554	188.276	188.151	188.362	188.447

TEST M3 FINAL TRANSIENT 2599 (50 ms Averaged) FM2L CC/S RECORD = 96

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	205.902	207.511	206.478	206.155	205.669	206.084	206.873	206.235	205.122	203.797
0.5250	204.556	205.618	204.090	205.618	206.033	206.893	206.734	207.075	206.742	206.863
1.0250	206.701	206.225	204.687	207.005	205.628	205.608	206.630	205.699	205.557	205.446
1.5250	204.839	206.347	207.126	206.478	206.853	206.235	205.406	205.456	206.286	207.136
2.0250	207.622	206.175	205.132	206.782	206.013	207.511	207.268	208.118	207.075	206.377
2.5250	205.699	205.770	206.053	207.025	204.798	206.286	205.041	205.881	204.485	205.092
3.0250	204.495	205.537	204.829	205.436	205.244	206.640	206.023	205.487	204.485	207.015
3.5250	206.367	205.527	204.181	204.900	204.889	205.284	204.566	206.023	207.156	206.802
4.0250	205.517	206.509	207.723	206.489	205.709	204.586	205.244	207.855	206.499	206.246
4.5250	207.652	208.219	208.836	208.684	207.834	205.456	206.762	206.215	206.013	207.470
5.0250	207.845	206.023	203.220	205.385	205.861	204.728	206.418	207.005	200.123	198.949
5.5250	206.762	213.977	221.679	215.536	205.122	196.723	195.680	193.990	197.765	196.439
6.0250	191.774	195.023	197.421	196.692	197.785	207.814	208.887	207.784	205.446	211.285
6.5250	211.872	215.991	215.910	217.297	217.398	216.851	217.448	217.206	221.223	220.424
7.0250	224.593	221.223	218.552	221.820	231.687	232.031	225.008	219.705	218.116	217.519
7.5250	226.617	233.974	226.627	226.526	225.008	220.414	223.237	231.131	232.952	231.576
8.0250	231.070	234.015	236.039	235.806	236.494	235.745	234.814	234.916	230.240	234.055
8.5250	234.329	227.235	222.195	230.291	233.539	235.513	239.429	234.642	230.463	228.844
9.0250	234.157	240.117	242.728	240.643	239.409	234.905	234.248	239.247	243.568	244.236
9.5250	248.446	247.201	242.809	233.833	229.805	231.647	239.480	244.307	246.766	237.638
10.0250	232.679	236.140	242.161	242.678	239.014	236.292	237.678	233.286	225.453	223.409
10.5250	226.435	233.337	239.895	237.425	231.455	224.937	223.429	227.923	235.988	233.590
11.0250	226.526	224.522	225.140	228.580	233.266	226.880	227.963	232.062	242.637	233.691
11.5250	232.487	243.447	241.807	235.138	240.826	233.812	227.660	228.884	231.019	232.841
12.0250	241.291	247.596	242.546	225.160	220.576	228.408	238.893	243.204	237.456	234.076
12.5250	241.898	242.394	235.695	239.723	243.852	237.699	239.804	245.279	239.783	240.380
13.0250	245.744	249.195	246.655	254.984	253.840	245.936	244.439	237.709	224.482	220.960
13.5250	222.721	216.578	222.873	234.288	237.769	231.606	231.485	238.437	260.175	273.888
14.0250	269.749	272.481	261.460	253.951	256.623	255.591	247.060	231.991	225.433	228.722
14.5250	246.007	254.548	241.392	238.518	247.839	251.846	249.488	248.871	235.128	232.608
15.0250	226.546	223.622	223.814	224.047	247.181	265.478	268.220	260.630	263.960	261.592
15.5250	240.805	241.180	255.793	270.245	274.991	267.998	258.353	241.099	219.219	220.909
16.0250	227.083	240.350	248.487	231.404	233.509	227.508	226.587	246.321	245.491	250.399
16.5250	239.864	228.955	240.907	248.193	242.728	251.796	222.812	252.292	290.798	274.252
17.0250	274.981	299.532	322.312	337.593	301.262	290.636	312.263	294.573	259.234	253.132
17.5250	268.180	311.575	310.644	280.810	279.595	287.489	259.841	259.285	260.307	271.125
18.0250	275.942	279.737	264.881	258.192	276.539	282.753	287.307	284.868	296.344	318.193
18.5250	334.861	318.841	307.830	318.740	312.698	308.245	285.313	285.435	314.732	335.640
19.0250	331.248	309.419	300.210	294.371	302.042	317.383	298.623	284.261	278.270	266.399
19.5250	265.124	275.375	274.201	274.525	278.249	277.652	276.185	277.915	272.724	277.460
20.0250	275.041	265.478	264.537	268.868	277.146	277.582	281.032	278.927	269.577	265.903
20.5250	264.183	263.211	265.873	266.642	259.163	255.834	262.331	261.278	258.100	253.516
21.0250	249.043	249.256	248.729	244.975	243.133	246.979	248.304	247.019	247.262	247.950
21.5250	244.105	238.437	234.703	230.635	226.749	224.957	228.408	229.684	227.346	227.275
22.0250	228.651	224.259	219.675	217.995	215.414	215.688	216.578	218.805	214.038	212.014
22.5250	215.384	216.659	213.006	208.340	208.563	210.425	214.078	216.224	216.548	215.111
23.0250	209.039	210.081	209.018	202.360	200.902	204.151	203.675	202.926	202.633	201.793
23.5250	199.121	199.637	200.174	201.560	200.265	200.578	198.838	197.057	196.328	194.891
24.0250	198.089	198.494	200.315	200.396	201.611	201.277	201.256	198.726	196.541	197.360
24.5250	196.338	194.506	193.535	193.677	194.992	195.842	196.713	195.883	197.036	195.711

TEST M3 FINAL TRANSIENT 2599 (50 ms Averaged) FM3L CC/S RECORD = 97

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	206.956	207.012	206.688	206.556	207.112	207.132	206.928	207.628	206.932	207.032
0.5250	207.308	207.364	207.092	207.640	207.728	207.436	206.804	206.404	207.272	207.400
1.0250	207.564	206.680	206.592	206.484	206.700	206.940	207.472	207.496	206.768	206.700
1.5250	207.044	207.204	207.188	206.928	206.696	207.532	207.652	207.452	207.612	207.160
2.0250	206.816	207.284	206.772	207.172	207.140	207.756	207.624	207.340	207.408	207.048
2.5250	206.764	207.200	207.344	207.168	206.808	207.648	207.808	207.756	206.772	206.708
3.0250	207.188	207.536	206.780	206.580	207.160	207.792	207.952	207.468	207.236	207.440
3.5250	207.660	207.112	206.756	207.652	208.388	207.648	207.272	207.332	207.580	206.836
4.0250	206.384	206.956	207.208	206.960	206.680	206.856	207.600	208.132	207.212	207.104
4.5250	207.424	208.692	208.532	208.148	207.836	208.800	208.280	207.860	207.524	207.952
5.0250	208.736	209.296	208.088	208.004	208.768	209.312	208.508	208.460	208.824	209.312
5.5250	209.044	208.920	208.948	209.540	210.056	209.560	208.968	209.796	210.104	210.112
6.0250	208.856	209.604	210.752	210.288	209.848	208.852	210.400	210.616	209.820	207.768
6.5250	207.900	210.436	210.892	212.392	213.268	212.676	213.184	214.256	215.348	216.356
7.0250	216.124	215.176	212.536	212.792	215.004	215.396	215.732	216.292	214.512	215.132
7.5250	214.268	213.436	213.948	213.204	209.552	207.576	208.044	209.752	211.736	212.380
8.0250	211.284	210.672	213.064	214.224	213.820	214.084	213.724	214.864	216.352	215.692
8.5250	215.900	213.108	210.612	209.656	208.780	209.068	210.908	211.560	211.896	212.456
9.0250	211.532	214.516	214.896	215.116	212.364	211.272	212.636	215.512	214.660	215.176
9.5250	216.316	218.764	218.572	218.088	220.012	221.728	218.956	217.300	217.412	217.664
10.0250	214.100	216.168	218.324	219.736	219.612	216.820	217.444	218.036	220.104	218.140
10.5250	214.004	215.328	218.124	218.148	217.852	216.404	215.664	216.180	217.356	218.908
11.0250	218.900	218.620	217.152	216.540	218.084	215.708	213.624	212.456	210.100	211.596
11.5250	212.484	217.032	218.188	219.004	219.948	221.184	216.344	215.616	214.764	216.220
12.0250	218.180	218.356	219.204	215.544	216.732	216.104	213.312	217.720	220.468	221.252
12.5250	220.204	222.196	221.320	217.144	218.928	216.764	212.844	211.956	213.540	211.748
13.0250	208.520	210.648	213.460	212.872	209.568	210.872	215.012	218.144	219.084	217.064
13.5250	219.060	218.016	213.376	215.004	217.068	220.360	222.880	220.404	219.716	219.312
14.0250	218.236	219.464	221.004	221.104	218.152	217.744	220.740	216.616	210.536	208.296
14.5250	209.704	207.632	207.228	207.940	206.004	206.912	207.432	205.652	205.260	205.200
15.0250	204.292	203.348	202.988	204.700	205.420	206.428	203.028	206.296	212.624	214.772
15.5250	213.164	212.004	213.576	215.524	215.964	211.748	213.728	212.976	213.776	217.216
16.0250	219.104	214.592	212.380	208.216	208.608	214.144	216.788	212.880	215.284	213.364
16.5250	216.384	223.256	224.036	221.904	219.388	214.240	207.680	200.648	199.156	199.660
17.0250	197.764	198.424	206.184	207.900	211.856	215.436	219.352	227.024	226.972	225.864
17.5250	221.052	216.888	218.924	224.820	223.340	218.628	215.260	223.364	226.864	220.488
18.0250	215.316	209.032	208.988	215.124	215.248	218.420	216.032	203.060	202.416	209.940
18.5250	212.500	214.788	209.012	205.196	206.812	205.880	206.712	213.524	214.676	209.476
19.0250	203.144	202.184	207.696	209.108	209.556	208.408	207.180	206.364	205.540	205.892
19.5250	205.536	205.740	205.592	206.112	206.568	207.848	208.276	208.896	209.100	208.932
20.0250	209.496	209.120	209.524	207.484	207.612	209.488	211.292	212.384	210.724	208.780
20.5250	210.156	209.844	210.056	211.896	210.628	212.624	211.732	209.060	207.196	206.992
21.0250	206.088	206.884	207.732	208.916	209.172	208.292	207.352	206.356	207.420	207.396
21.5250	207.888	206.380	204.824	206.776	203.924	202.796	202.456	202.468	202.760	202.904
22.0250	202.960	202.308	202.444	203.176	203.788	205.140	206.228	206.488	207.056	205.584
22.5250	205.876	203.808	204.368	203.124	204.744	205.892	204.408	203.196	204.748	205.500
23.0250	202.744	203.836	203.340	205.820	205.296	206.128	206.844	207.112	204.564	204.660
23.5250	205.004	205.280	202.188	201.240	202.308	201.980	203.056	204.084	203.992	205.092
24.0250	204.924	203.972	203.636	204.132	202.240	203.124	203.420	205.140	205.884	205.248
24.5250	205.156	205.244	201.904	201.636	202.224	202.804	200.668	200.280	197.852	198.536

TEST M3 FINAL TRANSIENT 2599 (50 ms Averaged) PT1L MPA RECORD = 98

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	0.516	0.515	0.515	0.517	0.514	0.515	0.516	0.516	0.513	0.516
0.5250	0.515	0.516	0.516	0.517	0.516	0.516	0.515	0.515	0.515	0.516
1.0250	0.515	0.516	0.516	0.515	0.515	0.514	0.516	0.515	0.514	0.515
1.5250	0.516	0.516	0.516	0.516	0.516	0.514	0.514	0.516	0.515	0.515
2.0250	0.517	0.516	0.516	0.517	0.516	0.516	0.515	0.516	0.515	0.516
2.5250	0.516	0.516	0.515	0.517	0.515	0.515	0.516	0.516	0.516	0.517
3.0250	0.516	0.517	0.515	0.516	0.516	0.517	0.516	0.518	0.516	0.516
3.5250	0.518	0.516	0.517	0.514	0.516	0.516	0.517	0.517	0.516	0.516
4.0250	0.516	0.517	0.516	0.517	0.516	0.517	0.515	0.517	0.517	0.517
4.5250	0.517	0.515	0.516	0.517	0.516	0.517	0.515	0.517	0.515	0.518
5.0250	0.515	0.517	0.517	0.516	0.518	0.518	0.516	0.516	0.518	0.517
5.5250	0.517	0.517	0.517	0.517	0.517	0.519	0.518	0.519	0.519	0.517
6.0250	0.518	0.517	0.517	0.518	0.519	0.519	0.517	0.518	0.519	0.519
6.5250	0.519	0.518	0.519	0.519	0.519	0.520	0.519	0.518	0.518	0.518
7.0250	0.519	0.519	0.519	0.518	0.520	0.520	0.519	0.520	0.517	0.522
7.5250	0.519	0.520	0.520	0.521	0.521	0.522	0.520	0.521	0.522	0.521
8.0250	0.521	0.523	0.521	0.520	0.522	0.523	0.522	0.521	0.522	0.521
8.5250	0.523	0.523	0.522	0.521	0.522	0.523	0.521	0.520	0.523	0.522
9.0250	0.523	0.523	0.522	0.524	0.523	0.523	0.523	0.524	0.523	0.524
9.5250	0.522	0.522	0.523	0.523	0.523	0.522	0.522	0.524	0.521	0.523
10.0250	0.522	0.524	0.523	0.524	0.524	0.524	0.525	0.524	0.525	0.524
10.5250	0.524	0.524	0.524	0.524	0.525	0.526	0.526	0.523	0.525	0.527
11.0250	0.525	0.525	0.527	0.527	0.525	0.527	0.527	0.525	0.527	0.527
11.5250	0.525	0.527	0.526	0.525	0.525	0.526	0.526	0.526	0.526	0.525
12.0250	0.526	0.526	0.527	0.526	0.524	0.527	0.529	0.526	0.527	0.525
12.5250	0.528	0.527	0.526	0.525	0.527	0.528	0.528	0.528	0.527	0.527
13.0250	0.528	0.527	0.527	0.527	0.529	0.526	0.528	0.527	0.528	0.528
13.5250	0.529	0.529	0.529	0.528	0.529	0.529	0.530	0.530	0.530	0.529
14.0250	0.530	0.530	0.529	0.530	0.530	0.530	0.531	0.530	0.531	0.530
14.5250	0.530	0.531	0.532	0.530	0.530	0.532	0.532	0.531	0.531	0.532
15.0250	0.530	0.532	0.531	0.532	0.532	0.532	0.533	0.534	0.534	0.532
15.5250	0.533	0.533	0.534	0.533	0.533	0.532	0.535	0.533	0.534	0.535
16.0250	0.535	0.535	0.535	0.535	0.536	0.535	0.535	0.536	0.535	0.538
16.5250	0.535	0.535	0.536	0.537	0.536	0.537	0.537	0.539	0.539	0.539
17.0250	0.538	0.538	0.537	0.538	0.538	0.539	0.538	0.538	0.536	0.538
17.5250	0.537	0.537	0.537	0.537	0.538	0.536	0.536	0.537	0.537	0.537
18.0250	0.538	0.535	0.536	0.535	0.534	0.535	0.535	0.533	0.533	0.533
18.5250	0.533	0.535	0.532	0.532	0.533	0.531	0.530	0.531	0.530	0.530
19.0250	0.530	0.531	0.532	0.530	0.530	0.530	0.528	0.531	0.530	0.530
19.5250	0.529	0.530	0.528	0.529	0.530	0.529	0.528	0.529	0.528	0.528
20.0250	0.528	0.527	0.527	0.528	0.528	0.527	0.527	0.528	0.529	0.527
20.5250	0.526	0.526	0.527	0.528	0.527	0.528	0.526	0.527	0.528	0.528
21.0250	0.526	0.526	0.527	0.527	0.527	0.525	0.525	0.526	0.524	0.527
21.5250	0.525	0.526	0.525	0.526	0.524	0.525	0.524	0.527	0.526	0.524
22.0250	0.524	0.524	0.524	0.526	0.524	0.526	0.525	0.524	0.525	0.524
22.5250	0.524	0.525	0.525	0.525	0.524	0.525	0.526	0.524	0.525	0.523
23.0250	0.524	0.524	0.525	0.525	0.525	0.524	0.524	0.525	0.526	0.526
23.5250	0.525	0.525	0.525	0.526	0.524	0.523	0.525	0.524	0.523	0.524
24.0250	0.523	0.525	0.524	0.524	0.524	0.525	0.524	0.525	0.524	0.525
24.5250	0.524	0.524	0.523	0.524	0.525	0.526	0.523	0.525	0.524	0.524

TEST M3 FINAL TRANSIENT 2599 (50 ms Averaged) PT2L MPA RECORD = 99

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0256	0.408	0.407	0.406	0.407	0.407	0.407	0.407	0.407	0.407	0.407
0.5256	0.407	0.407	0.407	0.408	0.407	0.407	0.408	0.407	0.407	0.408
1.0256	0.407	0.407	0.407	0.407	0.407	0.408	0.407	0.407	0.407	0.407
1.5256	0.407	0.407	0.407	0.407	0.407	0.408	0.408	0.407	0.407	0.407
2.0256	0.408	0.408	0.407	0.407	0.408	0.408	0.407	0.407	0.408	0.408
2.5256	0.407	0.410	0.407	0.408	0.407	0.407	0.407	0.408	0.408	0.408
3.0256	0.409	0.408	0.408	0.408	0.408	0.409	0.408	0.408	0.409	0.409
3.5256	0.408	0.408	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409
4.0256	0.410	0.410	0.410	0.409	0.410	0.411	0.410	0.411	0.411	0.411
4.5256	0.411	0.412	0.413	0.411	0.412	0.412	0.413	0.413	0.413	0.413
5.0256	0.414	0.413	0.413	0.413	0.414	0.414	0.414	0.413	0.414	0.414
5.5256	0.414	0.414	0.414	0.415	0.414	0.415	0.415	0.416	0.415	0.415
6.0256	0.416	0.416	0.416	0.416	0.417	0.417	0.416	0.416	0.417	0.417
6.5256	0.416	0.416	0.417	0.417	0.417	0.417	0.417	0.417	0.417	0.417
7.0256	0.417	0.417	0.417	0.417	0.418	0.418	0.418	0.418	0.418	0.419
7.5256	0.419	0.420	0.421	0.421	0.421	0.421	0.422	0.421	0.421	0.421
8.0256	0.422	0.422	0.422	0.422	0.422	0.422	0.422	0.422	0.422	0.423
8.5256	0.423	0.423	0.422	0.424	0.423	0.423	0.424	0.424	0.424	0.424
9.0256	0.424	0.424	0.424	0.424	0.425	0.425	0.425	0.425	0.425	0.425
9.5256	0.426	0.425	0.426	0.426	0.426	0.426	0.427	0.427	0.427	0.427
10.0256	0.427	0.427	0.428	0.428	0.428	0.428	0.428	0.429	0.429	0.429
10.5256	0.429	0.429	0.430	0.430	0.430	0.430	0.431	0.431	0.430	0.431
11.0256	0.431	0.431	0.431	0.431	0.432	0.432	0.432	0.432	0.432	0.433
11.5256	0.432	0.432	0.432	0.433	0.432	0.432	0.433	0.433	0.433	0.433
12.0256	0.433	0.433	0.433	0.433	0.433	0.434	0.434	0.434	0.435	0.435
12.5256	0.435	0.435	0.435	0.436	0.435	0.436	0.436	0.436	0.436	0.436
13.0256	0.436	0.437	0.437	0.437	0.438	0.438	0.438	0.438	0.438	0.439
13.5256	0.438	0.439	0.440	0.440	0.440	0.440	0.441	0.441	0.441	0.441
14.0256	0.442	0.442	0.442	0.442	0.443	0.443	0.443	0.443	0.444	0.444
14.5256	0.444	0.444	0.445	0.445	0.445	0.445	0.446	0.446	0.446	0.446
15.0256	0.447	0.447	0.448	0.448	0.448	0.449	0.449	0.449	0.450	0.450
15.5256	0.450	0.450	0.451	0.451	0.452	0.452	0.452	0.453	0.453	0.453
16.0256	0.453	0.454	0.454	0.455	0.455	0.456	0.455	0.456	0.456	0.457
16.5256	0.457	0.458	0.458	0.459	0.459	0.459	0.460	0.461	0.460	0.461
17.0256	0.457	0.454	0.451	0.450	0.451	0.450	0.450	0.450	0.450	0.449
17.5256	0.449	0.449	0.449	0.449	0.449	0.448	0.448	0.448	0.448	0.447
18.0256	0.447	0.447	0.446	0.446	0.445	0.445	0.444	0.445	0.444	0.444
18.5256	0.444	0.443	0.442	0.443	0.442	0.441	0.441	0.442	0.441	0.441
19.0256	0.441	0.440	0.440	0.439	0.440	0.439	0.439	0.439	0.438	0.439
19.5256	0.438	0.438	0.438	0.438	0.437	0.437	0.437	0.437	0.437	0.437
20.0256	0.437	0.437	0.436	0.436	0.436	0.436	0.436	0.436	0.435	0.436
20.5256	0.435	0.435	0.436	0.435	0.435	0.435	0.436	0.435	0.435	0.434
21.0256	0.435	0.434	0.434	0.434	0.434	0.434	0.434	0.434	0.433	0.434
21.5256	0.434	0.433	0.433	0.434	0.433	0.433	0.433	0.433	0.432	0.433
22.0256	0.433	0.433	0.433	0.432	0.433	0.433	0.433	0.432	0.432	0.433
22.5256	0.432	0.432	0.433	0.433	0.433	0.433	0.433	0.433	0.433	0.433
23.0256	0.432	0.433	0.433	0.432	0.433	0.433	0.433	0.433	0.433	0.433
23.5256	0.432	0.433	0.432	0.433	0.432	0.432	0.432	0.432	0.432	0.432
24.0256	0.432	0.432	0.432	0.432	0.432	0.433	0.432	0.432	0.433	0.433
24.5256	0.432	0.432	0.432	0.433	0.432	0.432	0.431	0.432	0.432	0.432

TEST M3 FINAL TRANSIENT 2599 (50 ms Averaged) TC1 K RECORD = 100

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	633.461	631.945	632.068	632.779	629.996	631.200	631.913	634.543	631.264	632.376
0.5250	633.244	633.151	631.975	632.811	631.449	631.079	633.027	633.924	632.994	631.047
1.0250	632.623	630.428	632.042	631.206	631.794	631.546	631.732	631.547	631.546	631.114
1.5250	631.485	631.887	632.289	631.886	631.701	631.298	632.536	631.298	632.072	630.741
2.0250	631.731	630.803	630.865	631.856	631.732	631.608	631.330	631.392	631.299	632.164
2.5250	632.072	631.856	631.391	631.205	632.350	632.164	632.195	631.483	631.268	632.722
3.0250	630.772	631.824	632.690	632.628	631.607	631.515	632.628	632.411	632.348	632.659
3.5250	633.154	632.937	633.432	633.186	634.052	634.361	634.455	634.455	635.351	634.608
4.0250	635.754	637.547	637.207	639.123	639.000	640.082	644.284	644.347	645.491	648.425
4.5250	650.895	655.062	658.363	662.557	667.242	672.018	675.775	680.330	682.762	684.115
5.0250	685.623	687.437	688.575	690.082	691.742	691.035	692.080	692.665	691.927	692.203
5.5250	692.573	692.695	692.880	693.771	692.880	693.956	692.665	693.648	693.187	694.294
6.0250	694.109	693.956	693.402	694.140	695.646	695.216	694.171	694.509	695.800	696.322
6.5250	695.554	696.445	696.476	697.336	697.521	698.258	699.426	698.565	699.272	698.934
7.0250	699.641	701.392	699.948	701.515	701.976	702.283	704.218	703.450	702.529	704.126
7.5250	704.494	704.249	704.280	705.723	704.279	705.754	705.293	708.056	708.701	709.223
8.0250	708.916	707.964	711.556	710.697	711.311	711.986	713.643	712.692	713.520	713.766
8.5250	716.405	712.508	715.791	715.853	715.331	715.516	718.431	715.086	715.884	719.689
9.0250	718.829	718.492	718.953	720.609	721.069	720.395	722.205	723.370	722.205	723.861
9.5250	724.260	724.659	724.935	726.806	727.020	728.063	728.523	729.474	729.136	729.657
10.0250	730.516	731.681	732.049	732.417	734.011	733.857	734.961	734.992	735.880	736.371
10.5250	737.321	737.934	737.536	738.486	740.845	740.355	740.539	740.815	742.194	742.102
11.0250	742.255	744.155	745.472	745.166	746.361	746.821	747.403	747.617	749.210	750.190
11.5250	749.547	751.232	750.680	751.263	751.569	754.632	753.713	754.693	754.111	755.214
12.0250	756.071	757.205	757.848	758.246	758.307	759.287	760.236	760.175	760.481	763.390
12.5250	762.717	763.543	763.788	764.064	766.391	767.187	767.309	768.503	768.289	770.524
13.0250	770.463	770.432	772.667	773.891	773.126	775.055	774.993	775.544	776.738	777.840
13.5250	779.891	779.340	779.401	781.942	781.788	784.849	787.176	786.992	786.900	789.196
14.0250	790.940	790.879	792.195	793.175	794.093	794.827	796.511	798.714	799.235	800.245
14.5250	803.060	802.907	803.642	805.938	807.070	809.121	810.008	812.457	811.722	814.324
15.0250	815.273	818.151	817.844	819.742	822.437	823.508	823.018	825.988	830.887	830.061
15.5250	831.714	833.919	837.747	838.850	843.414	844.792	846.784	849.879	853.862	854.261
16.0250	856.100	860.177	863.918	863.888	864.194	868.488	871.157	874.531	878.429	882.911
16.5250	882.819	884.354	886.995	889.422	890.835	893.569	895.044	899.808	899.685	905.743
17.0250	907.373	907.341	899.715	880.487	852.761	821.947	791.338	764.890	740.630	723.614
17.5250	707.503	698.164	689.682	682.885	679.222	673.712	672.571	669.183	665.453	663.851
18.0250	663.944	660.275	658.363	658.363	658.979	656.944	656.820	656.142	655.524	655.154
18.5250	654.846	654.414	653.519	654.691	653.951	653.056	651.882	653.395	652.901	651.667
19.0250	651.481	651.636	650.216	651.297	652.408	651.297	650.061	650.957	650.432	650.433
19.5250	649.382	651.173	650.308	650.648	650.925	650.832	649.134	649.783	651.110	648.949
20.0250	648.547	649.319	648.918	649.226	648.702	648.672	647.991	647.189	650.061	648.270
20.5250	648.115	647.992	648.332	647.436	647.560	647.529	647.282	647.467	647.468	647.498
21.0250	647.992	647.189	646.448	647.591	646.139	648.023	648.579	647.158	646.942	648.270
21.5250	646.942	647.436	647.560	647.251	647.097	647.004	647.653	647.128	647.313	646.912
22.0250	647.405	645.676	645.584	646.788	646.881	646.819	647.128	646.819	647.066	646.263
22.5250	648.610	646.850	647.190	647.004	646.634	645.862	647.499	646.634	646.881	647.777
23.0250	647.314	647.066	647.745	646.973	646.942	646.386	646.757	647.560	647.468	646.510
23.5250	647.251	647.282	646.325	646.479	647.035	646.911	646.726	648.239	646.973	647.652
24.0250	648.147	647.560	647.344	647.313	648.363	648.672	648.086	648.178	648.579	647.530
24.5250	648.395	648.672	648.240	648.055	648.518	648.765	648.085	648.426	649.166	648.549

TEST M3 FINAL TRANSIENT 2599 (50 ms Averaged) TC2 K RECORD = 101

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	631.282	630.109	630.942	630.325	630.016	629.800	631.127	630.232	631.559	630.726
0.5250	630.386	630.695	631.281	629.677	630.325	630.541	629.769	630.911	631.065	631.004
1.0250	630.263	630.695	631.312	630.324	629.738	630.386	630.695	631.158	629.584	630.201
1.5250	630.664	630.417	630.417	629.707	629.923	630.170	630.448	630.294	630.448	629.646
2.0250	630.942	629.862	628.967	630.140	630.756	630.541	630.942	630.448	630.448	630.140
2.5250	630.109	630.078	630.787	629.091	630.448	630.232	630.695	630.633	630.726	629.584
3.0250	630.788	629.738	629.923	630.109	631.219	629.800	629.831	630.417	631.127	630.448
3.5250	631.251	631.250	631.466	630.757	631.220	632.114	633.564	633.194	633.996	634.767
4.0250	635.106	635.816	636.587	636.618	638.221	639.978	641.889	644.230	645.863	649.066
4.5250	652.728	656.175	659.619	664.783	670.282	675.534	680.382	684.892	687.161	691.362
5.0250	694.120	696.021	698.686	697.951	698.931	700.830	700.401	700.830	701.290	701.228
5.5250	702.331	701.841	702.362	701.596	702.913	703.372	702.882	702.668	703.250	703.862
6.0250	703.403	704.720	703.342	703.648	704.138	703.678	704.720	704.291	705.669	704.628
6.5250	706.710	706.097	706.312	707.383	707.873	708.547	708.792	709.189	709.128	710.077
7.0250	710.414	710.995	712.189	712.556	712.587	712.464	712.740	714.637	714.729	715.218
7.5250	715.126	715.953	716.044	716.870	717.819	718.614	718.981	719.134	720.541	720.939
8.0250	721.031	720.908	721.612	722.896	723.171	723.630	724.364	725.832	726.382	726.474
8.5250	726.444	727.300	727.636	728.828	729.103	729.745	730.693	730.479	731.488	730.784
9.0250	732.282	733.200	733.627	734.086	733.964	736.225	735.461	736.592	735.950	737.509
9.5250	739.495	740.045	740.228	740.869	741.786	743.161	742.977	742.917	745.238	746.613
10.0250	745.024	746.277	748.476	749.759	749.056	749.728	750.980	751.591	751.713	753.454
10.5250	753.790	754.279	754.859	754.737	755.561	756.661	758.187	757.393	758.706	759.164
11.0250	760.966	759.958	761.515	762.614	762.218	764.049	764.599	764.690	765.881	766.247
11.5250	766.491	767.834	768.292	769.605	770.612	770.856	771.681	772.474	772.749	773.787
12.0250	775.068	776.106	776.534	777.296	777.266	778.792	779.158	780.196	781.508	782.698
12.5250	783.186	784.987	785.688	786.543	788.069	788.526	789.045	789.991	791.029	792.616
13.0250	792.737	794.782	795.667	797.009	797.742	799.023	798.688	800.580	801.434	802.228
13.5250	802.929	805.981	806.774	807.232	809.673	812.115	812.267	814.098	815.136	817.333
14.0250	818.463	819.867	822.675	822.553	824.293	826.521	827.925	830.001	831.436	833.543
14.5250	834.398	835.985	838.947	840.077	840.261	842.704	845.117	845.697	848.355	848.111
15.0250	850.677	852.938	852.357	855.444	857.491	857.980	860.915	863.024	864.889	866.998
15.5250	868.436	871.219	873.696	875.716	878.622	881.070	883.213	884.377	888.939	890.654
16.0250	894.146	896.229	900.827	903.647	906.223	909.106	912.543	916.686	923.136	927.805
16.5250	931.894	934.908	938.507	941.430	944.633	946.172	950.486	953.907	957.484	960.260
17.0250	962.359	964.088	956.345	936.141	907.577	874.955	838.552	804.608	774.854	752.659
17.5250	732.741	717.053	705.791	696.357	689.369	684.678	679.585	676.608	672.463	669.730
18.0250	668.440	666.688	664.968	664.414	663.831	663.216	662.878	662.079	660.818	660.388
18.5250	659.742	658.543	658.112	658.327	658.543	657.589	657.313	656.667	656.297	656.605
19.0250	655.897	655.867	655.590	655.067	654.175	655.005	654.974	654.821	654.328	653.559
19.5250	653.713	653.190	653.405	653.375	652.728	651.836	654.051	652.359	651.928	652.113
20.0250	652.021	651.590	652.421	652.451	651.128	651.343	650.943	651.004	650.451	650.020
20.5250	650.820	650.974	650.605	649.958	650.851	650.081	649.466	649.711	649.589	650.451
21.0250	649.189	649.312	649.127	650.389	648.480	648.788	650.020	648.973	648.480	649.312
21.5250	648.265	648.542	648.388	648.480	648.634	648.327	648.141	648.604	649.065	647.834
22.0250	648.819	647.926	647.680	647.865	647.557	648.419	647.280	647.773	647.711	646.910
22.5250	648.142	647.865	646.725	647.772	647.865	647.680	647.927	647.865	647.588	647.680
23.0250	647.896	646.972	647.680	647.619	647.865	647.772	647.495	648.019	647.064	646.695
23.5250	647.926	647.896	648.450	647.526	647.157	647.742	647.588	648.265	647.434	647.464
24.0250	648.142	648.511	648.419	647.341	647.403	648.450	648.173	648.173	648.296	647.865
24.5250	648.511	648.173	648.850	648.450	648.204	649.158	648.973	648.604	648.912	648.881

TEST M3 FINAL TRANSIENT 2599 (50 ms Averaged) TC3 K RECORD = 102

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	629.185	630.298	629.834	630.144	629.494	629.215	630.700	630.391	630.144	630.113
0.5250	630.731	630.330	629.184	629.525	630.237	629.525	629.030	629.711	629.896	630.175
1.0250	630.051	630.546	629.804	629.339	629.803	629.989	630.237	629.742	630.886	629.990
1.5250	629.247	629.618	630.639	629.927	630.113	629.246	629.463	629.308	630.608	630.361
2.0250	629.773	630.484	629.989	630.454	630.980	630.237	628.844	629.804	630.515	629.370
2.5250	630.886	629.649	629.897	630.020	629.835	629.432	630.546	630.917	629.803	629.587
3.0250	628.937	630.577	630.824	630.855	629.989	629.773	630.917	629.463	630.515	629.649
3.5250	630.794	631.443	632.062	631.319	631.691	631.877	632.217	633.702	633.238	634.011
4.0250	634.598	635.093	636.207	638.989	639.082	640.813	642.481	645.200	648.566	651.498
4.5250	654.059	659.519	665.314	670.181	675.970	682.863	686.769	692.732	698.847	702.809
5.0250	706.463	709.839	712.417	714.075	716.591	717.389	718.033	719.351	719.505	720.394
5.5250	720.149	721.590	720.364	721.897	722.357	722.388	721.959	722.388	722.786	723.584
6.0250	723.063	721.928	722.879	721.866	723.400	723.921	724.167	724.902	723.952	725.485
6.5250	726.343	726.251	727.079	727.171	727.294	728.551	728.950	729.317	731.034	731.218
7.0250	731.340	732.720	732.659	734.221	734.252	734.742	735.815	736.152	736.734	737.163
7.5250	738.634	738.910	739.308	740.993	740.350	741.667	742.004	743.689	743.077	744.547
8.0250	744.639	745.221	746.385	746.875	747.732	748.468	749.386	750.520	750.183	750.581
8.5250	752.327	752.296	753.031	753.061	755.297	755.725	757.471	756.368	757.685	758.757
9.0250	759.460	759.920	760.532	761.665	763.899	763.165	765.338	765.522	766.134	767.052
9.5250	767.113	769.746	769.715	771.154	771.613	773.204	773.663	775.285	775.683	777.336
10.0250	778.437	779.447	781.130	781.222	781.314	782.232	784.466	784.282	785.353	786.149
10.5250	787.403	788.688	789.453	789.820	791.412	793.125	793.003	794.166	794.992	796.216
11.0250	796.828	796.308	798.510	800.438	801.203	801.417	803.070	803.223	804.967	805.793
11.5250	806.589	807.629	809.465	810.750	809.894	812.984	813.964	814.331	815.799	817.574
12.0250	819.105	820.207	819.931	821.768	823.268	824.676	825.349	826.634	827.828	829.359
12.5250	830.951	833.492	834.135	835.819	838.176	838.942	840.351	841.698	843.566	844.117
13.0250	846.353	848.375	849.876	851.286	852.664	854.595	856.127	857.444	858.364	861.123
13.5250	862.318	864.127	865.353	867.653	870.137	871.087	874.860	876.548	879.371	881.457
14.0250	882.040	884.803	887.167	890.115	892.173	894.138	895.736	899.024	902.282	904.403
14.5250	905.696	909.694	910.894	914.555	915.571	917.910	919.912	923.114	924.378	927.952
15.0250	929.432	931.219	933.594	935.105	938.282	941.090	942.356	944.733	946.833	949.551
15.5250	952.765	955.363	958.733	961.177	964.737	967.802	969.877	970.776	973.316	976.541
16.0250	980.107	984.204	988.738	991.100	995.607	998.190	1003.139	1004.696	1007.094	1008.683
16.5250	1012.301	1015.825	1019.571	1023.038	1026.414	1029.885	1033.202	1037.461	1039.623	1042.789
17.0250	1044.452	1047.841	1041.975	1026.354	1000.404	965.611	925.432	885.545	849.480	815.066
17.5250	787.434	762.368	742.708	726.741	713.859	704.037	696.266	689.628	685.139	679.940
18.0250	677.078	674.800	672.645	670.305	669.627	669.104	668.025	666.300	665.838	664.574
18.5250	664.297	663.773	662.756	663.126	662.725	661.091	661.245	659.642	661.430	660.598
19.0250	659.272	659.580	659.889	658.871	658.347	658.316	657.360	657.977	657.082	657.206
19.5250	656.835	656.065	655.417	656.805	655.571	654.985	655.818	655.293	655.818	655.170
20.0250	655.047	654.707	653.381	654.368	654.121	653.597	653.350	653.381	653.442	652.517
20.5250	652.640	652.886	652.332	651.282	652.054	651.961	652.887	651.375	650.603	651.313
21.0250	652.054	651.591	651.128	651.159	651.807	651.221	652.208	650.912	651.622	650.665
21.5250	650.232	651.066	650.418	651.283	650.017	650.943	650.264	649.153	651.035	650.295
22.0250	649.677	649.924	649.461	650.048	650.575	650.078	649.523	650.449	649.245	650.140
22.5250	649.924	649.677	649.029	649.461	649.739	649.893	649.060	649.369	649.708	649.801
23.0250	649.276	649.832	648.906	649.214	649.708	648.535	649.215	648.752	649.554	648.937
23.5250	649.616	648.751	648.967	649.647	649.956	649.060	649.770	648.998	648.813	649.029
24.0250	648.628	649.214	647.732	649.245	649.307	649.245	649.184	649.308	648.752	649.461
24.5250	649.246	649.400	648.844	649.678	649.554	648.999	650.264	649.801	648.875	648.381

TEST M3 FINAL TRANSIENT 2599 (50 ms Averaged) TC4 K RECORD = 103

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	631.003	630.355	630.541	630.972	631.126	629.646	630.509	630.726	629.923	629.707
0.5250	630.325	630.633	631.528	630.201	631.219	629.058	631.034	631.466	631.188	630.232
1.0250	630.972	630.201	630.478	630.170	630.756	630.879	630.602	630.787	631.065	629.923
1.5250	630.509	631.126	630.201	631.219	631.096	629.954	631.651	631.497	630.447	630.633
2.0250	631.373	631.559	630.571	629.645	630.386	631.250	630.848	629.985	630.139	630.540
2.5250	630.293	631.065	630.540	630.355	629.615	631.466	630.571	631.343	630.725	630.695
3.0250	630.695	631.589	631.158	631.219	630.448	630.416	631.312	630.540	631.682	631.682
3.5250	630.818	631.528	632.947	631.805	632.793	633.441	633.996	634.119	634.273	634.859
4.0250	636.247	635.939	637.666	639.022	640.964	641.981	644.938	646.386	649.404	652.113
4.5250	656.482	661.279	665.982	672.094	678.572	685.567	693.109	699.605	705.729	712.128
5.0250	718.767	724.303	729.073	733.230	738.120	741.542	743.955	746.460	748.904	751.500
5.5250	752.294	753.912	754.584	754.981	755.042	755.592	756.141	756.233	757.912	758.218
6.0250	756.630	757.057	757.943	757.332	758.279	759.103	759.592	759.164	760.233	761.301
6.5250	760.630	762.095	762.461	762.706	763.957	764.965	764.598	763.957	767.102	767.193
7.0250	768.750	768.109	770.520	769.971	771.619	773.359	773.603	773.115	773.939	776.136
7.5250	777.174	777.632	779.646	779.677	781.172	780.897	782.484	783.125	784.041	785.200
8.0250	785.994	786.268	786.543	789.625	789.198	789.839	793.409	791.761	792.463	795.301
8.5250	796.124	798.596	796.613	798.230	800.488	800.397	803.387	801.953	804.486	804.913
9.0250	806.225	807.415	808.666	809.460	812.725	812.878	812.847	814.526	816.723	815.838
9.5250	818.341	818.615	820.996	821.912	823.194	824.415	826.185	827.132	828.841	830.612
10.0250	831.161	833.665	834.153	835.863	837.634	838.703	839.894	841.574	843.987	843.987
10.5250	845.208	846.950	849.363	850.463	850.738	852.999	854.802	856.635	858.378	859.019
11.0250	861.037	862.076	863.085	864.552	866.448	868.008	869.078	870.607	872.320	873.727
11.5250	875.869	876.970	878.133	879.204	881.071	882.662	884.591	885.479	886.887	889.490
12.0250	889.092	891.695	892.828	895.065	895.648	897.087	898.314	901.195	902.053	904.812
12.5250	904.597	906.100	909.536	912.266	910.732	913.678	915.366	916.808	918.866	920.923
13.0250	922.889	924.179	925.469	928.051	929.618	930.787	933.431	934.877	936.384	938.445
13.5250	940.261	942.200	944.109	947.528	948.267	951.379	952.859	956.220	958.471	961.217
14.0250	963.594	967.330	970.574	973.355	975.271	980.005	982.418	986.195	987.434	990.470
14.5250	993.321	996.206	997.352	1001.014	1004.119	1005.889	1009.370	1011.142	1015.342	1017.614
15.0250	1020.572	1022.877	1026.025	1030.142	1031.764	1034.980	1038.136	1041.824	1044.732	1050.463
15.5250	1052.687	1056.918	1060.088	1065.583	1067.752	1071.178	1071.808	1075.300	1079.049	1082.579
16.0250	1086.302	1088.890	1094.357	1098.218	1101.160	1106.643	1111.752	1112.164	1116.581	1119.537
16.5250	1122.557	1125.201	1127.080	1129.276	1131.190	1136.169	1138.438	1140.802	1145.444	1148.454
17.0250	1152.268	1154.610	1154.996	1148.552	1137.105	1118.680	1095.532	1065.843	1031.243	993.421
17.5250	957.029	921.911	887.075	854.834	825.576	800.397	778.914	760.202	741.694	730.326
18.0250	718.614	710.321	702.086	697.093	693.079	688.603	684.402	682.684	680.352	678.879
18.5250	675.994	675.288	673.937	673.415	672.340	671.941	671.757	671.020	670.006	670.866
19.0250	668.901	668.593	668.716	667.272	666.750	667.641	666.473	666.812	666.719	665.306
19.5250	664.414	664.476	664.169	663.738	663.370	662.878	662.785	662.479	661.525	661.771
20.0250	661.802	662.263	661.679	660.910	660.972	660.726	660.111	659.865	659.465	659.219
20.5250	659.957	659.311	659.804	658.789	657.712	658.451	658.297	657.466	657.559	657.928
21.0250	657.343	657.159	657.159	657.282	656.912	656.451	656.267	656.513	655.867	655.528
21.5250	655.405	655.959	654.852	655.282	655.528	655.005	655.590	654.575	654.236	654.482
22.0250	654.082	654.544	653.682	653.651	654.021	654.144	653.713	653.529	653.867	653.713
22.5250	652.759	653.436	653.067	653.529	653.098	652.944	653.375	653.528	653.098	652.636
23.0250	653.067	653.651	653.098	651.928	652.421	651.990	652.390	652.390	653.098	652.174
23.5250	652.852	652.051	652.267	652.175	652.482	652.636	652.851	652.236	652.021	652.174
24.0250	652.359	652.205	652.913	652.113	652.451	652.328	652.390	652.328	651.466	651.651
24.5250	652.482	652.205	652.359	652.636	652.544	652.113	652.297	651.897	652.390	652.052

TEST M3 FINAL TRANSIENT 2599 (50 ms Averaged) TC5 K RECORD = 104

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	629.127	630.179	629.157	629.002	629.560	628.600	628.073	630.024	629.776	628.755
0.5250	628.940	628.352	629.188	628.290	630.241	628.538	628.785	629.343	628.755	629.157
1.0250	628.692	628.909	629.126	629.250	629.034	630.520	628.847	628.817	629.777	628.910
1.5250	628.352	629.684	629.033	629.684	628.537	629.095	628.258	628.507	630.148	628.693
2.0250	629.777	629.590	629.188	628.971	629.529	629.622	628.104	629.002	629.591	628.662
2.5250	629.746	628.816	629.621	629.002	628.941	629.033	629.405	629.591	629.250	629.684
3.0250	629.436	629.374	630.273	629.622	630.427	629.683	629.684	630.706	629.157	630.582
3.5250	630.334	629.653	631.387	630.520	631.790	630.613	632.936	632.812	632.998	634.391
4.0250	635.630	636.403	637.455	637.487	639.684	642.251	644.107	647.477	651.370	654.428
4.5250	658.102	662.855	668.654	674.264	681.287	688.922	697.444	705.560	713.333	720.366
5.0250	727.916	733.839	741.568	746.566	752.973	757.939	762.321	766.611	769.889	774.056
5.5250	775.005	777.824	778.528	781.009	782.235	784.410	785.819	787.074	789.157	789.617
6.0250	789.065	788.973	789.555	790.505	790.811	792.006	791.362	792.649	793.353	793.751
6.5250	794.149	792.496	794.180	796.048	795.007	795.987	797.365	797.335	800.244	799.142
7.0250	800.153	799.387	799.754	801.592	801.837	802.174	801.868	804.410	804.717	806.248
7.5250	807.627	806.922	808.331	810.506	811.119	811.211	813.722	816.051	815.530	816.694
8.0250	817.582	818.440	819.206	820.829	822.361	823.648	824.567	826.344	827.938	829.684
8.5250	829.684	831.431	831.308	832.872	834.098	835.232	835.660	837.775	838.603	838.633
9.0250	839.523	839.277	840.381	842.803	843.477	845.623	847.217	850.621	850.529	851.602
9.5250	853.688	852.553	855.069	854.516	857.154	859.118	860.222	861.695	860.437	862.033
10.0250	862.677	864.058	864.058	865.930	867.127	869.644	869.429	869.889	870.964	874.096
10.5250	874.402	874.894	878.180	880.545	880.515	884.785	882.911	885.215	887.029	889.396	
11.0250	889.642	892.224	894.838	896.344	897.667	900.990	900.220	902.497	905.145	906.561
11.5250	908.223	908.408	912.566	913.059	915.400	917.310	921.039	924.370	926.991	930.909
12.0250	933.285	937.515	941.222	943.014	943.570	946.909	953.931	956.159	960.339	963.529
12.5250	965.297	967.[illegible]4	970.783	972.025	972.707	975.903	977.641	979.380	978.292	982.578
13.0250	982.797	985.[illegible]12	984.101	988.703	989.449	992.996	994.177	994.862	997.072	1000.934
13.5250	1003.270	1004.611	1005.328	1007.356	1008.447	1010.133	1010.725	1011.068	1010.007	1009.820
14.0250	1012.473	1014.378	1016.346	1016.626	1018.002	1018.845	1018.970	1017.782	1017.908	1019.470
14.5250	1020.470	1022.503	1023.504	1024.005	1025.350	1024.662	1028.449	1026.350	1029.889	1032.302
15.0250	1033.241	1036.219	1041.019	1044.692	1044.817	1047.926	1049.969	1056.449	1059.755	1063.253
15.5250	1066.248	1071.362	1075.437	1081.255	1086.733	1093.422	1099.774	1104.415	1108.776	1122.524
16.0250	1133.369	1141.222	1145.302	1153.474	1159.629	1165.601	1170.581	1176.894	1182.053	1186.436
16.5250	1192.128	1196.232	1201.744	1205.791	1212.593	1216.490	1219.832	1222.227	1225.843	1228.110
17.0250	1231.964	1229.461	1214.036	1188.359	1154.484	1118.292	1079.119	1038.240	996.710	957.774
17.5250	922.648	889.983	861.759	833.210	810.353	789.096	773.535	759.746	745.677	735.464
18.0250	724.387	717.571	710.015	705.376	700.458	697.321	693.845	691.292	690.645	687.999
18.5250	685.906	685.875	683.844	683.012	683.105	680.857	679.994	679.471	678.516	678.824
19.0250	678.824	677.222	676.698	675.435	675.034	674.880	675.343	674.510	673.679	673.925
19.5250	671.860	672.199	672.846	671.552	670.566	671.336	670.319	670.319	669.302	669.517
20.0250	668.685	668.962	668.592	668.592	667.205	667.081	667.451	666.896	666.434	665.508
20.5250	666.618	665.107	665.632	665.045	664.151	664.367	664.460	663.873	663.503	664.860
21.0250	664.398	662.855	663.318	662.640	663.102	662.670	663.379	662.763	662.454	660.757
21.5250	662.176	661.528	661.405	661.158	660.973	660.294	660.294	660.695	660.633	660.171
22.0250	659.244	660.479	658.627	659.245	659.708	659.121	658.720	659.059	659.152	657.979
22.5250	657.516	658.102	657.392	656.991	658.164	657.053	657.423	657.639	657.393	656.528
23.0250	657.176	657.763	656.559	656.281	657.238	656.065	656.281	656.127	656.898	655.880
23.5250	655.756	655.910	655.077	655.385	656.466	656.250	656.559	655.941	655.941	655.478
24.0250	655.262	655.262	656.343	655.077	656.096	655.386	655.756	655.046	655.293	655.478
24.5250	654.768	655.355	655.663	656.003	655.324	655.787	655.262	655.169	654.953	655.355

TEST M3 FINAL TRANSIENT 2599 (50 ms Averaged) TC6 K RECORD = 105

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	634.804	633.225	633.071	634.433	633.999	634.401	633.968	634.061	632.916	635.640
0.5250	633.225	633.720	633.690	634.061	633.659	633.319	633.659	633.782	633.875	633.999
1.0250	632.761	633.628	634.092	634.278	634.587	633.256	634.030	634.680	632.730	634.278
1.5250	635.268	634.371	635.484	632.607	633.380	633.070	633.907	632.637	633.071	634.401
2.0250	633.225	633.380	634.586	632.823	633.194	634.154	632.669	634.742	634.000	634.773
2.5250	634.340	633.937	632.823	633.937	634.835	633.535	633.597	633.659	632.700	634.153
3.0250	633.319	634.618	634.525	633.937	634.556	633.876	633.937	635.423	636.443	632.853
3.5250	634.865	635.051	634.525	634.804	636.412	635.144	636.134	638.022	639.320	637.309
4.0250	638.763	639.505	639.567	640.804	642.227	643.309	645.411	647.233	650.569	653.873
4.5250	656.250	659.767	665.010	669.417	676.102	680.167	684.322	690.628	692.320	696.777
5.0250	699.513	701.571	702.156	703.569	704.429	705.904	708.515	707.010	707.993	708.945
5.5250	708.453	708.607	709.927	709.712	708.607	709.098	710.419	709.006	709.006	709.006
6.0250	711.217	709.805	710.143	710.695	711.401	709.967	711.463	711.309	710.971	711.770
6.5250	712.261	712.200	713.428	713.581	712.691	713.980	715.638	716.743	715.853	716.804
7.0250	717.173	719.658	718.247	719.505	719.689	720.763	720.825	722.297	721.315	722.819
7.5250	723.034	724.905	724.108	723.126	726.777	726.163	726.807	725.795	727.605	726.623
8.0250	728.218	729.659	732.174	730.304	730.856	731.837	731.438	733.707	734.474	733.677
8.5250	735.332	736.068	737.203	734.811	738.398	736.805	737.693	737.969	739.257	740.698
9.0250	740.146	740.698	742.537	742.414	742.077	744.928	744.345	743.824	745.357	748.391
9.5250	747.134	749.003	749.861	751.976	750.566	751.240	751.056	753.752	753.201	756.295
10.0250	755.590	756.479	756.939	758.409	758.041	758.562	761.686	762.207	761.900	764.534
10.5250	765.943	765.086	765.606	767.321	768.607	768.883	771.210	767.934	771.609	772.895
11.0250	773.017	772.435	773.874	776.385	776.630	775.987	778.712	777.212	779.355	780.120
11.5250	781.927	780.518	782.386	782.784	784.376	786.672	785.233	787.652	787.346	788.172
12.0250	789.734	790.132	790.070	792.153	792.397	794.112	793.132	794.663	794.969	795.857
12.5250	798.214	798.795	799.653	801.245	803.326	803.786	803.357	805.561	808.255	808.990
13.0250	808.439	808.286	811.501	810.184	812.389	813.675	814.165	815.818	816.583	817.961
13.5250	817.992	820.319	822.707	822.463	825.280	825.310	827.332	828.097	828.741	831.711
14.0250	833.151	833.764	836.766	837.869	838.972	841.025	841.546	842.220	844.028	845.008
14.5250	847.123	850.770	850.862	854.204	853.774	857.362	858.312	861.777	857.699	862.115
15.0250	862.575	864.445	864.016	865.335	866.869	868.771	871.103	872.361	874.632	877.088
15.5250	877.947	883.505	890.448	892.107	890.202	890.386	901.453	906.806	907.083	898.686
16.0250	910.069	920.228	921.276	915.671	917.303	932.530	938.362	931.389	927.441	942.347
16.5250	951.215	945.559	939.597	952.948	961.023	954.897	952.050	965.887	971.370	965.328
17.0250	969.357	982.136	971.556	944.915	909.641	870.433	831.040	796.040	768.025	748.696
17.5250	729.905	716.956	707.561	698.745	694.380	687.460	683.522	680.813	679.151	675.425
18.0250	676.009	672.221	672.160	669.201	669.664	666.767	667.630	667.476	666.705	664.208
18.5250	665.656	663.344	664.331	662.727	662.511	661.401	662.820	661.402	660.815	661.031
19.0250	659.767	660.537	659.643	660.014	659.983	659.057	659.150	658.440	657.915	657.700
19.5250	658.440	657.330	656.372	656.897	656.650	655.108	656.465	655.540	656.681	656.558
20.0250	656.343	656.064	655.571	654.459	655.910	654.768	655.540	654.675	654.985	653.874
20.5250	655.323	653.873	654.028	654.861	653.935	653.688	654.923	653.965	654.985	653.101
21.0250	652.699	652.638	653.533	652.144	652.576	654.182	652.823	652.361	653.410	653.101
21.5250	652.329	653.286	651.836	653.749	652.174	651.342	650.569	651.959	651.310	652.576
22.0250	652.206	651.434	652.330	652.793	651.125	651.773	652.823	650.878	653.040	651.619
22.5250	651.310	651.589	651.310	651.527	651.897	649.920	650.724	649.952	652.082	651.372
23.0250	651.866	650.909	651.990	650.847	650.508	651.094	650.909	650.878	650.693	651.372
23.5250	649.798	651.650	652.020	650.445	651.032	651.064	650.322	651.557	651.464	651.804
24.0250	650.878	652.237	650.816	652.144	652.083	651.434	651.526	651.372	650.817	653.286
24.5250	652.175	651.187	652.237	651.835	651.897	652.206	652.206	651.588	652.607	651.897

TEST M3 FINAL TRANSIENT 2599 (50 ms Averaged) TC7 K RECORD = 106

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	630.821	630.328	628.478	630.143	629.372	629.835	629.526	629.434	629.804	630.266
0.5250	630.729	629.681	629.434	629.989	629.249	629.372	630.297	629.772	630.729	629.989
1.0250	630.729	629.588	629.557	629.557	630.421	629.681	630.113	631.038	629.712	630.760
1.5250	630.112	629.835	629.958	629.403	630.667	630.328	630.791	630.328	630.020	629.465
2.0250	630.297	629.218	630.729	629.896	630.575	629.711	629.557	630.637	629.927	629.588
2.5250	628.447	629.958	630.822	629.804	629.681	629.681	630.513	629.866	629.465	629.588
3.0250	630.451	630.575	630.729	630.513	630.452	629.865	630.668	630.760	630.914	630.421
3.5250	631.315	630.390	631.716	631.130	632.055	631.469	632.517	632.518	634.089	633.812
4.0250	634.891	634.953	636.309	638.250	639.927	640.129	643.054	645.025	646.964	649.763
4.5250	653.792	658.342	663.042	668.600	673.909	680.472	684.672	690.586	694.475	697.690
5.0250	700.200	702.740	705.464	707.238	708.645	708.400	709.318	709.900	710.114	711.276
5.5250	710.511	709.930	710.419	711.123	711.582	711.092	711.643	711.398	711.979	711.643
6.0250	711.826	712.346	713.294	712.315	712.407	713.539	713.172	714.792	715.037	716.260
6.5250	714.884	716.382	715.985	716.658	716.994	717.513	718.461	719.042	718.583	719.500
7.0250	719.898	721.304	721.334	722.129	722.710	723.412	724.329	725.093	725.154	725.918
7.5250	726.407	727.201	727.354	728.484	729.462	728.820	730.745	731.569	731.936	733.677
8.0250	733.341	734.288	734.104	735.723	736.151	736.822	737.616	737.952	739.570	738.044
8.5250	740.364	740.761	741.799	742.532	742.043	743.509	744.181	744.974	745.127	746.867
9.0250	747.904	749.064	748.362	750.590	750.346	751.536	751.597	754.374	753.458	754.893
9.5250	755.930	756.601	757.395	759.653	759.683	760.812	761.208	762.795	763.283	764.442
10.0250	763.710	766.760	767.614	768.895	769.750	770.634	771.823	772.372	773.989	773.928
10.5250	775.178	776.917	778.045	776.154	778.838	778.990	781.430	781.918	783.138	783.748
11.0250	784.906	784.723	787.346	785.882	788.321	790.608	791.401	792.926	792.743	794.328
11.5250	794.542	796.920	795.762	797.835	798.018	799.695	800.732	801.220	803.049	804.025
12.0250	804.452	805.671	806.403	808.080	809.087	810.825	811.831	813.417	814.271	816.223
12.5250	816.436	818.144	818.602	820.889	822.475	822.902	825.403	826.410	827.935	828.270
13.0250	830.802	830.558	833.121	833.487	835.440	835.501	838.613	838.064	840.658	842.123
13.5250	844.229	845.053	847.526	849.846	851.891	853.337	856.441	857.510	860.167	862.732
14.0250	864.382	867.621	868.293	870.524	872.022	873.733	876.454	879.053	880.062	882.998
14.5250	885.354	887.404	888.444	891.963	894.137	896.433	897.841	901.303	902.620	905.622
15.0250	906.971	909.208	911.293	913.869	917.550	919.452	922.214	925.622	930.843	931.887
15.5250	934.100	938.742	947.109	948.218	947.078	949.788	962.484	966.216	963.672	962.361
16.0250	974.245	983.610	982.373	976.808	982.622	998.105	1000.832	992.804	993.671	1010.828
16.5250	1015.241	1007.349	1006.231	1023.643	1029.998	1021.682	1020.530	1038.267	1039.859	1032.555
17.0250	1040.048	1045.141	1021.130	979.477	935.123	891.479	849.727	811.771	780.637	756.052
17.5250	736.638	721.517	709.165	701.455	695.149	688.502	683.507	678.326	676.547	673.142
18.0250	672.222	670.227	669.643	667.648	666.850	665.560	665.407	664.148	662.797	662.950
18.5250	662.704	661.967	661.414	661.629	660.830	659.724	659.509	659.479	658.495	658.895
19.0250	658.372	657.543	657.788	657.696	657.604	657.204	656.713	656.252	655.883	655.606
19.5250	655.514	655.821	655.115	655.514	654.961	654.868	655.053	654.745	654.284	653.639
20.0250	653.946	654.069	653.177	653.085	653.546	653.915	653.208	652.593	653.024	652.962
20.5250	652.440	652.747	652.440	652.224	652.255	652.839	651.978	652.009	652.009	651.824
21.0250	651.547	652.286	651.732	651.609	650.379	651.086	650.133	650.871	650.994	651.271
21.5250	650.379	650.440	650.317	650.194	650.009	650.840	650.040	650.809	649.979	650.040
22.0250	650.194	650.071	650.102	650.164	649.579	649.394	650.317	649.518	649.548	649.733
22.5250	649.979	649.702	649.302	649.148	649.579	649.271	649.179	649.887	648.964	648.810
23.0250	649.579	648.933	649.302	649.056	649.548	648.964	648.502	649.794	648.071	650.010
23.5250	648.318	648.964	648.994	648.933	649.302	649.364	648.902	649.856	649.333	649.333
24.0250	649.179	649.210	649.210	649.887	649.025	649.641	649.733	649.579	649.641	649.456
24.5250	649.364	649.979	649.918	649.425	649.733	649.548	648.779	649.948	650.594	649.825

TEST M3 FINAL TRANSIENT 2599 (50 ms Averaged) TC8 K RECORD = 107

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	631.080	630.616	631.018	630.740	630.801	630.987	629.689	630.492	629.349	630.987
0.5250	629.967	630.987	631.388	630.894	630.740	630.832	630.832	631.574	631.265	631.109
1.0250	630.400	631.079	631.481	632.346	630.801	629.967	631.698	631.172	630.770	630.338
1.5250	630.524	629.751	630.678	631.203	629.998	630.739	631.203	629.658	631.511	630.399
2.0250	631.017	631.326	630.554	631.110	630.956	630.987	629.627	631.481	631.758	631.481
2.5250	631.326	630.678	630.708	630.617	630.585	630.183	631.048	631.419	631.480	631.111
3.0250	630.647	631.110	631.141	630.585	630.709	631.048	630.462	631.357	631.605	631.605
3.5250	632.377	632.068	631.728	632.284	633.025	633.304	633.180	634.107	635.435	634.601
4.0250	634.693	637.256	636.238	637.781	639.849	642.700	643.212	645.248	647.777	650.767
4.5250	654.556	658.437	664.870	669.085	674.804	682.148	686.999	692.341	696.392	699.888
5.0250	704.059	705.745	707.830	709.852	711.017	712.641	713.407	715.092	713.866	715.490
5.5250	714.633	716.409	715.398	715.398	716.195	716.716	717.083	717.144	716.746	716.991
6.0250	717.654	717.573	718.063	717.757	717.451	717.971	718.737	719.166	719.166	719.442
6.5250	720.422	721.493	720.881	721.555	721.493	722.687	723.453	724.127	723.147	724.464
7.0250	724.709	726.484	726.117	727.127	727.556	727.678	729.607	729.484	729.913	730.280
7.5250	731.473	732.820	733.769	733.463	734.534	735.788	735.299	737.257	738.083	737.746
8.0250	738.787	738.909	739.796	740.622	740.836	741.265	741.509	741.938	742.733	743.559
8.5250	745.302	744.844	746.067	746.801	748.453	748.911	750.104	749.462	749.156	750.960
9.0250	751.664	752.520	753.437	753.590	755.333	756.097	755.700	756.617	758.207	759.063
9.5250	759.521	760.958	761.264	763.801	763.495	764.565	765.635	766.399	767.163	769.211
10.0250	769.119	770.219	770.402	772.481	772.725	773.947	776.086	775.292	777.553	777.614
10.5250	778.561	780.486	780.700	782.014	782.656	783.114	785.039	785.192	786.689	787.086
11.0250	788.339	788.828	789.989	790.447	792.708	792.586	794.786	794.450	796.069	796.008
11.5250	796.833	797.505	800.346	801.354	802.179	802.851	803.676	804.501	804.410	806.885
12.0250	807.557	808.351	808.351	811.284	811.620	813.454	813.301	815.837	816.571	818.588
12.5250	819.199	820.024	821.032	822.621	823.355	825.005	827.053	829.040	829.957	830.568
13.0250	832.464	832.953	835.154	836.530	835.796	838.486	839.281	840.260	841.177	843.440
13.5250	845.428	847.049	848.150	850.107	853.840	855.340	855.921	857.298	860.572	862.470
14.0250	864.276	864.368	867.031	867.919	870.828	873.768	876.158	878.027	879.589	881.703
14.5250	883.236	885.381	886.178	889.673	891.544	893.906	894.949	898.692	900.718	902.282
15.0250	906.862	907.165	909.069	912.233	914.230	917.948	920.531	923.546	925.761	929.608
15.5250	930.623	934.009	940.540	943.560	939.923	944.948	953.740	958.495	957.538	957.599
16.0250	964.676	973.119	973.151	967.829	971.758	983.060	988.640	982.751	984.641	996.680
16.5250	1001.650	997.517	997.486	1010.485	1016.590	1011.699	1012.914	1025.416	1030.849	1024.728
17.0250	1028.851	1033.661	1018.152	991.158	961.526	931.643	898.205	863.238	829.775	797.810
17.5250	769.363	745.944	729.269	716.286	705.776	695.317	688.443	682.700	679.536	675.419
18.0250	673.974	670.838	669.147	667.301	666.286	664.932	665.240	662.993	663.886	662.562
18.5250	661.085	659.946	660.192	660.561	659.576	659.331	659.238	659.145	658.191	657.575
19.0250	657.267	657.606	656.282	656.189	656.127	656.282	655.604	655.696	654.464	654.588
19.5250	655.481	654.893	654.557	654.618	654.248	653.909	653.139	653.478	653.324	653.509
20.0250	653.170	652.893	652.400	651.753	651.753	653.016	652.061	651.937	651.445	651.568
20.5250	651.876	650.797	651.322	650.643	651.568	650.674	651.660	650.027	651.383	650.798
21.0250	650.582	650.674	649.719	650.828	650.366	649.842	650.489	649.596	649.780	650.058
21.5250	648.917	650.027	649.411	649.411	649.749	649.472	649.657	649.719	649.441	648.886
22.0250	648.732	648.547	649.041	648.578	648.424	648.794	649.102	647.900	648.147	649.072
22.5250	648.393	648.270	648.085	647.499	648.609	648.516	648.609	647.622	648.609	647.591
23.0250	649.071	647.160	648.979	647.838	648.208	647.438	648.270	647.962	648.424	648.547
23.5250	647.869	648.208	648.640	648.671	648.856	649.287	648.301	647.777	648.270	648.301
24.0250	649.071	649.411	648.393	648.948	648.301	648.671	648.825	648.178	648.609	649.504

TEST M3 FINAL TRANSIENT 2599 (50 ms Averaged) TC9 K RECORD = 108

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	630.374	630.343	629.816	630.683	630.157	630.559	630.064	630.003	631.673	630.590
0.5250	630.218	630.466	630.343	630.002	629.878	630.343	630.807	630.126	630.621	630.188
1.0250	630.590	630.961	631.332	629.971	630.621	630.497	630.343	631.703	630.992	630.404
1.5250	630.590	631.456	630.745	630.838	631.023	630.559	630.311	630.745	630.250	630.807
2.0250	628.796	630.373	630.095	630.806	631.425	630.281	630.899	629.508	630.003	630.373
2.5250	630.714	630.776	629.755	631.827	629.508	630.466	629.600	629.724	629.631	629.941
3.0250	630.961	629.477	630.064	631.641	629.879	629.353	631.085	630.343	630.714	631.116
3.5250	632.229	631.858	633.126	631.363	631.735	632.477	633.683	633.837	633.528	635.382
4.0250	634.857	636.155	637.979	638.535	640.821	640.605	643.323	645.422	648.077	651.131
4.5250	654.740	658.902	662.476	669.467	674.329	680.851	687.153	693.636	700.822	706.193
5.0250	712.298	719.136	721.926	726.677	730.813	732.222	733.478	736.082	739.145	741.074
5.5250	743.125	743.493	743.217	743.952	746.095	743.737	744.503	745.911	746.493	747.411
6.0250	746.401	746.983	748.973	746.554	748.085	747.228	748.299	748.483	748.911	750.197
6.5250	749.585	749.554	750.993	751.605	751.880	752.003	752.554	754.084	755.706	755.492
7.0250	755.308	756.746	758.644	757.542	760.908	761.581	760.847	761.122	763.601	764.274
7.5250	763.295	765.620	765.008	767.639	767.395	768.465	770.148	769.811	770.393	771.402
8.0250	772.198	773.697	773.574	774.155	777.031	776.358	777.398	777.459	779.600	779.356
8.5250	780.824	781.925	781.864	783.057	784.494	786.146	785.412	786.941	788.714	788.286
9.0250	789.510	791.589	791.069	793.057	794.433	795.106	795.351	796.054	797.614	797.951
9.5250	799.327	800.642	802.049	801.651	803.456	805.872	806.606	808.318	808.349	809.450
10.0250	810.796	812.754	813.671	814.008	815.996	816.179	816.944	818.657	819.881	821.135
10.5250	822.206	823.521	826.703	825.785	826.336	829.242	830.252	832.578	833.343	835.607
11.0250	835.087	837.137	837.902	837.964	839.249	841.361	841.514	843.504	843.932	846.044
11.5250	847.177	849.137	849.167	850.514	851.709	853.607	854.128	854.190	855.874	857.620
12.0250	857.865	860.806	862.032	862.675	861.725	865.249	866.322	869.571	868.068	872.207
12.5250	872.789	874.015	875.978	876.622	877.296	879.873	881.130	882.112	884.045	885.242
13.0250	886.592	888.494	887.757	889.599	893.007	892.730	894.573	895.310	897.244	897.213
13.5250	898.872	900.654	902.866	905.110	906.401	906.401	909.690	909.998	909.751	911.258
14.0250	913.380	916.395	915.687	918.641	919.995	921.196	921.103	925.414	927.477	931.021
14.5250	931.729	935.243	934.626	936.630	939.190	941.194	941.627	943.755	947.676	951.845
15.0250	951.165	952.123	956.110	958.706	960.716	962.665	962.015	964.552	971.702	971.672
15.5250	970.340	974.058	985.870	986.522	979.944	981.557	995.904	1003.243	996.804	991.739
16.0250	1002.840	1015.644	1012.307	1004.488	1006.264	1022.230	1028.351	1019.232	1016.580	1033.609
16.5250	1042.657	1034.108	1029.383	1046.580	1059.956	1051.065	1045.541	1065.436	1074.952	1062.506
17.0250	1066.318	1082.311	1073.067	1055.178	1060.649	1063.261	1054.960	1037.648	1013.561	983.859
17.5250	951.201	914.400	880.705	846.720	819.912	793.699	769.352	748.788	733.815	722.570
18.0250	711.746	704.996	699.962	693.483	688.721	685.986	683.157	679.344	678.268	675.930
18.5250	675.284	674.822	672.484	671.807	671.253	671.252	670.667	668.205	668.913	668.605
19.0250	666.019	666.912	667.343	666.326	665.341	665.710	663.739	664.848	663.493	664.602
19.5250	663.000	662.662	662.907	662.692	661.275	662.045	661.922	661.398	661.121	660.874
20.0250	661.120	660.104	660.135	660.042	660.011	658.624	659.364	658.902	658.655	658.162
20.5250	658.779	658.377	658.378	658.039	657.638	657.731	657.237	657.268	657.299	657.021
21.0250	657.052	656.405	656.559	656.621	656.929	656.035	656.497	655.480	655.603	655.634
21.5250	655.511	654.956	655.758	655.634	654.617	655.264	655.264	655.234	655.326	654.956
22.0250	654.679	655.018	653.969	654.987	654.494	654.185	654.216	654.185	654.370	654.000
22.5250	653.753	653.877	653.722	654.123	654.401	654.247	653.075	653.784	653.538	653.198
23.0250	653.198	653.136	653.723	652.458	653.568	653.692	653.260	653.260	653.538	653.013
23.5250	654.093	653.352	652.150	653.167	653.383	653.507	653.260	652.520	652.458	653.229
24.0250	652.920	652.181	652.920	652.705	653.414	653.260	653.013	653.137	653.445	652.704
24.5250	653.075	652.335	652.797	653.321	652.797	652.181	652.705	652.890	652.674	653.476

TEST M3 FINAL TRANSIENT 2599 (50 ms Averaged) TC10 K RECORD = 109

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	631.627	631.750	630.144	631.071	630.175	631.503	631.379	631.163	632.337	631.997
0.5250	630.824	631.318	631.070	631.503	631.565	630.978	630.669	630.020	631.904	631.256
1.0250	631.287	631.132	631.935	629.896	631.441	630.762	631.070	632.244	631.750	631.286
1.5250	631.071	630.452	631.997	630.731	630.515	632.152	631.286	630.514	631.441	631.132
2.0250	631.935	631.873	631.595	631.472	631.194	631.842	630.823	631.163	630.762	632.429
2.5250	631.596	630.453	631.349	630.947	630.885	631.781	631.040	631.040	631.255	630.484
3.0250	631.904	631.657	631.935	631.163	631.410	631.596	631.905	632.677	632.707	632.676
3.5250	632.831	632.275	632.924	632.800	633.572	633.047	633.819	634.344	636.567	634.992
4.0250	636.999	638.326	638.974	640.949	643.016	645.451	646.655	649.182	652.756	656.205
4.5250	660.083	665.407	670.265	678.134	685.105	692.072	698.574	706.484	712.918	719.319
5.0250	726.298	731.348	737.222	739.271	743.492	748.109	749.790	751.441	753.428	755.965
5.5250	756.760	757.310	757.708	758.808	759.939	760.550	760.703	760.214	761.131	760.978
6.0250	761.192	760.947	762.200	761.253	762.598	762.597	763.453	763.117	763.575	764.064
6.5250	765.164	765.409	766.051	766.998	768.159	767.578	769.748	770.297	771.184	771.458
7.0250	772.650	773.750	773.750	775.278	776.011	777.752	776.591	778.883	779.310	780.043
7.5250	780.776	782.823	783.556	783.740	785.084	786.611	786.978	788.474	788.719	789.482
8.0250	790.277	792.873	792.598	793.392	795.683	795.530	795.683	798.065	799.806	799.776
8.5250	800.570	801.792	803.227	803.838	805.335	805.549	808.054	807.595	809.611	810.406
9.0250	811.170	812.269	813.736	814.560	814.438	816.638	817.555	817.341	819.082	820.487
9.5250	821.160	824.184	824.032	826.109	826.354	829.990	829.379	831.579	832.557	834.910
10.0250	835.583	837.142	838.670	840.535	840.260	840.719	842.705	844.112	845.549	846.252
10.5250	847.445	850.075	851.298	852.155	852.766	855.244	857.936	858.181	860.720	861.608
11.0250	863.872	864.209	865.035	867.820	868.647	867.789	870.912	871.708	873.882	874.372
11.5250	877.374	877.925	878.292	881.019	880.835	884.389	885.125	887.147	886.136	888.373
12.0250	891.317	891.838	893.494	895.487	895.702	898.922	897.972	902.298	901.838	904.170
12.5250	904.508	906.227	907.087	910.864	912.092	912.921	914.181	917.807	920.603	920.758
13.0250	922.080	923.155	923.955	926.508	928.169	929.953	931.615	933.185	935.740	935.587
13.5250	937.496	939.498	942.826	943.473	945.600	944.860	949.361	950.318	952.785	952.693
14.0250	955.348	956.490	958.095	959.638	960.380	964.737	966.498	967.828	971.570	972.776
14.5250	974.477	977.201	978.347	981.351	981.752	984.912	986.246	989.191	990.556	993.255
15.0250	993.255	995.925	997.788	1000.366	1002.510	1004.314	1005.060	1007.175	1010.721	1011.158
15.5250	1009.446	1015.145	1025.961	1022.561	1016.326	1021.877	1040.837	1041.995	1033.206	1030.894
16.0250	1049.860	1059.491	1050.893	1040.524	1050.487	1071.920	1073.081	1057.576	1059.713	1084.060
16.5250	1090.154	1076.043	1076.422	1099.370	1109.008	1092.178	1090.502	1117.374	1123.897	1107.927
17.0250	1116.009	1138.969	1130.025	1121.187	1131.936	1131.236	1107.239	1070.104	1026.254	981.920
17.5250	938.333	905.309	873.823	844.572	816.150	789.940	770.267	756.332	742.696	731.593
18.0250	721.309	714.173	708.016	701.702	698.299	695.477	692.961	690.476	687.254	685.320
18.5250	684.982	682.679	683.109	680.622	681.082	680.007	678.718	677.734	677.642	676.782
19.0250	675.307	675.491	675.153	674.415	674.108	673.309	672.817	672.602	671.188	671.065
19.5250	670.389	669.835	670.665	669.897	669.344	668.175	668.698	667.960	667.468	668.236
20.0250	667.406	666.637	666.975	665.529	666.422	665.315	665.315	665.068	664.915	664.638
20.5250	664.269	664.145	663.530	662.669	663.776	663.376	663.099	663.068	663.376	662.453
21.0250	662.392	661.499	661.930	661.869	661.530	660.976	660.822	660.515	660.514	660.823
21.5250	659.837	659.991	659.406	659.991	659.868	659.591	658.945	659.006	658.791	658.668
22.0250	658.329	657.313	659.653	658.391	658.637	658.237	657.929	657.898	657.652	657.313
22.5250	657.406	656.974	656.975	656.851	657.375	657.097	657.005	657.559	656.359	656.790
23.0250	656.790	656.852	657.282	656.605	656.266	655.774	656.790	656.482	655.435	656.359
23.5250	655.897	656.420	656.205	655.528	655.927	655.281	655.496	655.589	655.743	655.497
24.0250	655.004	655.374	654.450	655.774	654.388	655.589	654.203	655.681	655.373	655.558
24.5250	654.881	655.373	655.189	655.466	654.912	654.573	654.542	655.281	655.312	655.497

TEST M3 FINAL TRANSIENT 2599 (50 ms Averaged) TC11 K RECORD = 110

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	629.738	629.738	630.139	629.645	629.213	629.955	629.985	630.233	630.016	630.573
0.5250	629.151	629.398	629.737	629.923	628.749	630.109	629.490	629.707	629.892	629.212
1.0250	628.996	628.749	630.511	629.212	629.150	629.707	630.202	629.058	629.274	630.635
1.5250	629.799	629.336	629.862	628.594	630.171	629.738	629.027	628.965	628.872	630.140
2.0250	629.800	629.800	629.181	630.325	628.965	629.955	629.460	629.583	629.181	629.552
2.5250	630.047	629.553	628.749	629.429	630.727	629.552	628.810	629.583	628.841	629.707
3.0250	629.862	630.109	629.491	629.150	628.841	629.862	629.553	629.676	630.665	629.027
3.5250	629.924	631.005	630.202	630.016	631.747	630.666	631.345	631.933	632.643	632.674
4.0250	633.756	633.694	634.498	634.930	635.919	637.401	640.458	641.415	643.236	644.965
4.5250	647.895	650.887	653.785	658.346	662.073	666.137	670.384	672.845	674.690	677.396
5.0250	678.903	680.716	682.222	682.622	682.345	683.175	684.097	683.820	684.435	685.264
5.5250	684.834	685.172	685.295	684.650	685.295	685.356	685.756	684.035	685.664	686.186
6.0250	686.554	685.203	685.357	686.431	686.309	686.216	687.384	686.708	687.415	687.384
6.5250	687.507	688.951	688.459	688.920	688.060	688.429	690.578	691.530	689.780	691.131
7.0250	691.500	691.715	692.175	692.298	691.684	693.587	693.035	693.618	694.447	694.908
7.5250	694.263	697.025	695.706	696.657	697.793	697.731	698.468	698.222	699.082	698.652
8.0250	699.756	699.941	700.708	700.463	701.782	701.628	702.089	703.070	704.849	702.855
8.5250	704.543	704.481	706.168	704.665	706.076	706.628	706.874	707.272	708.070	708.254
9.0250	708.377	709.603	709.235	710.737	710.676	712.424	711.780	712.209	712.730	715.030
9.5250	714.141	714.999	715.980	715.857	715.673	718.247	718.400	719.167	718.891	720.300
10.0250	720.300	721.128	721.771	721.495	721.924	723.732	724.559	725.570	724.804	725.753
10.5250	727.315	727.315	727.652	728.969	729.337	729.735	730.837	730.378	732.093	731.817
11.0250	733.868	732.674	733.593	734.297	736.348	735.889	736.226	735.797	736.899	737.818
11.5250	738.093	739.104	739.838	740.389	740.359	742.256	742.348	743.939	743.542	743.572
12.0250	744.306	743.970	745.622	746.632	747.366	748.070	748.499	749.600	749.508	750.671
12.5250	751.956	752.231	753.455	753.699	754.434	753.944	756.361	755.688	759.358	758.043
13.0250	759.817	758.655	761.132	760.948	762.692	763.395	763.793	764.527	765.872	766.025
13.5250	765.872	767.737	769.756	770.122	771.254	772.385	773.516	774.525	776.360	777.521
14.0250	777.858	779.600	780.885	781.465	782.810	784.369	784.461	785.837	787.059	789.749
14.5250	789.107	790.727	791.461	793.906	794.212	794.243	795.985	797.483	797.361	799.348
15.0250	799.806	799.714	801.977	802.252	804.697	805.553	806.715	806.868	807.540	809.099
15.5250	812.401	811.484	813.501	814.327	815.152	815.488	819.157	820.197	821.756	822.887
16.0250	824.569	825.303	826.985	828.698	831.175	831.022	834.722	836.007	837.873	838.485
16.5250	841.086	843.747	843.870	846.960	848.398	849.867	851.949	853.938	854.428	857.122
17.0250	857.703	857.918	849.286	832.674	813.073	789.932	765.535	743.724	725.998	709.848
17.5250	697.762	688.643	679.948	674.567	670.414	665.059	662.842	659.547	658.500	656.189
18.0250	655.049	655.388	654.987	651.996	652.582	651.442	651.966	650.671	650.732	649.900
18.5250	649.376	649.375	649.499	648.327	648.049	648.234	648.543	647.463	647.679	648.419
19.0250	647.186	647.463	646.754	648.296	646.569	646.384	646.600	646.507	646.414	645.427
19.5250	645.180	645.859	645.489	644.872	645.242	644.409	644.594	645.211	644.532	644.841
20.0250	645.643	644.995	644.409	643.915	645.550	643.792	644.748	644.749	644.347	644.841
20.5250	644.440	643.267	643.792	643.328	643.699	644.501	643.668	644.316	644.810	643.792
21.0250	643.421	643.422	644.038	642.681	644.286	643.422	643.298	643.822	643.576	643.453
21.5250	643.483	643.329	643.051	643.606	642.897	643.668	642.249	643.175	643.421	643.174
22.0250	643.792	643.360	644.748	643.144	642.897	643.884	643.174	643.823	643.606	644.069
22.5250	642.866	644.162	643.977	643.606	644.008	643.977	643.576	643.946	643.545	644.347
23.0250	643.298	643.329	644.687	642.959	643.298	644.286	644.131	643.699	643.977	644.378
23.5250	643.669	644.594	644.162	644.841	644.748	644.533	645.242	644.100	644.193	645.643
24.0250	645.396	645.181	644.409	645.798	645.211	645.828	644.748	645.983	645.551	646.013
24.5250	645.489	645.983	646.322	646.445	645.921	645.921	646.168	646.692	646.754	646.538

TEST M3 FINAL TRANSIENT 2599 (50 ms Averaged) TC12 K RECORD = 111

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	628.995	628.593	629.861	629.799	630.262	629.644	629.644	630.108	629.737	628.933
0.5250	630.077	629.490	630.108	628.902	630.107	629.304	629.242	629.675	629.459	629.459
1.0250	629.552	629.057	629.923	629.211	629.397	629.304	630.448	629.706	629.119	628.933
1.5250	628.933	629.211	629.830	629.923	630.139	630.695	629.026	629.953	629.830	629.922
2.0250	631.437	629.984	629.984	629.150	630.046	629.582	630.139	630.108	629.613	629.180
2.5250	629.459	629.613	630.077	628.686	629.366	630.077	629.675	630.664	629.830	630.169
3.0250	628.222	629.397	630.664	630.139	629.768	630.386	629.830	630.386	629.026	629.737
3.5250	630.139	630.695	631.221	630.571	630.695	631.932	631.684	632.179	631.901	633.693
4.0250	635.207	634.003	635.239	636.443	637.710	638.112	640.644	641.632	644.317	646.076
4.5250	650.023	652.706	656.127	659.886	665.736	669.460	673.399	676.904	680.039	681.884
5.0250	683.851	685.570	685.909	689.411	688.521	689.412	689.258	690.056	691.223	690.947
5.5250	691.193	691.407	690.824	691.131	691.316	690.885	690.947	691.653	692.298	692.635
6.0250	692.052	692.820	693.342	692.390	692.881	692.513	692.789	692.789	693.342	693.925
6.5250	694.386	694.447	695.859	696.688	696.718	697.271	697.363	696.810	699.081	697.946
7.0250	699.081	698.805	698.958	699.879	700.125	700.032	701.566	701.720	701.965	702.640
7.5250	703.684	702.518	703.284	705.646	705.094	706.076	705.432	706.321	706.720	708.621
8.0250	708.039	708.438	709.204	710.461	709.511	710.584	711.535	711.443	711.412	713.190
8.5250	712.546	712.546	713.588	716.347	714.968	715.151	716.531	717.052	717.481	717.511
9.0250	717.756	717.849	719.656	719.749	720.024	721.035	721.862	723.394	723.517	722.904
9.5250	724.926	723.762	726.182	726.089	727.346	726.917	728.602	729.244	730.071	729.643
10.0250	731.051	731.572	733.226	733.685	734.297	735.706	734.695	736.318	736.899	738.001
10.5250	737.634	739.379	739.012	740.848	741.062	742.134	741.919	744.245	742.746	744.704
11.0250	744.459	745.867	746.448	747.152	746.846	748.498	748.284	749.875	749.906	751.711
11.5250	751.068	752.628	755.871	753.210	755.535	756.299	755.198	756.269	759.480	758.777
12.0250	759.236	759.083	759.603	759.695	761.958	761.744	764.618	763.181	765.780	765.322
12.5250	767.126	767.737	769.052	767.768	770.061	771.101	771.284	773.302	773.363	775.289
13.0250	774.922	777.276	777.735	778.927	780.089	780.120	781.557	783.055	783.727	784.491
13.5250	786.173	786.845	787.548	789.291	790.422	793.418	793.081	795.313	796.841	798.706
14.0250	799.959	801.029	802.802	803.536	805.675	806.317	808.304	810.200	810.994	812.523
14.5250	815.397	815.641	817.262	818.943	819.952	821.909	823.255	824.967	827.780	828.025
15.0250	829.982	831.572	833.102	834.141	835.916	837.812	839.403	841.728	844.206	846.838
15.5250	847.113	848.582	850.510	853.847	856.265	857.183	860.704	863.705	865.023	868.852
16.0250	870.230	873.417	875.685	878.596	880.190	882.306	884.361	887.765	890.281	893.565
16.5250	895.867	897.125	899.796	901.393	905.109	907.229	910.855	912.607	914.206	917.466
17.0250	921.034	919.710	909.903	891.388	865.975	833.378	803.903	773.944	751.007	731.786
17.5250	716.009	704.602	696.165	687.783	682.468	679.886	674.844	672.660	669.030	669.890
18.0250	665.890	665.951	662.535	663.057	661.980	661.364	660.410	658.838	658.992	659.639
18.5250	658.684	657.821	657.698	657.883	656.465	656.065	654.617	656.404	655.387	654.740
19.0250	654.925	654.586	654.124	654.432	654.493	654.062	652.367	653.261	653.353	651.935
19.5250	651.997	652.953	651.134	651.874	652.644	651.349	652.244	651.596	651.843	651.257
20.0250	651.504	650.980	650.393	649.993	650.424	651.010	649.931	650.270	650.517	649.777
20.5250	650.640	650.054	650.394	649.129	650.178	649.160	649.685	649.068	648.883	650.363
21.0250	649.469	648.697	648.389	648.882	649.284	648.728	648.358	647.988	648.482	648.482
21.5250	647.495	648.420	648.328	648.081	647.896	647.711	648.235	647.371	647.618	647.279
22.0250	648.019	647.155	648.173	647.618	648.420	647.680	647.248	647.803	647.557	647.834
22.5250	648.420	648.266	647.279	647.464	648.328	649.068	648.450	647.402	647.371	648.574
23.0250	647.680	647.710	648.173	647.988	647.680	647.957	648.451	647.433	648.328	647.741
23.5250	647.125	648.297	648.975	647.742	648.143	648.019	648.636	647.711	648.266	648.204
24.0250	648.358	648.451	648.543	648.574	648.543	649.160	648.913	648.729	648.358	648.882
24.5250	648.574	648.790	649.314	649.808	648.513	649.746	649.160	649.468	648.852	649.191

TEST M3 FINAL TRANSIENT 2599 (50 ms Averaged) TC13 K RECORD = 112

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	629.526	629.094	630.082	629.773	629.649	629.155	629.804	630.916	629.958	629.063
0.5250	629.866	629.897	629.588	629.866	629.896	630.730	629.928	629.772	630.762	629.649
1.0250	629.063	629.217	629.742	629.990	629.526	628.660	629.866	629.031	629.928	630.267
1.5250	629.217	628.939	630.422	628.290	629.217	630.823	630.391	629.742	628.167	629.711
2.0250	629.989	629.248	629.341	629.835	628.630	630.453	630.793	629.773	628.537	629.990
2.5250	628.320	629.804	629.464	628.445	630.638	629.650	629.495	629.990	629.063	630.669
3.0250	629.093	629.835	630.514	630.051	629.619	630.329	630.082	629.556	630.206	630.175
3.5250	630.545	631.317	631.256	631.039	631.688	631.472	631.936	633.263	632.213	633.109
4.0250	633.726	634.900	635.548	636.752	638.696	638.171	641.905	642.121	644.958	647.763
4.5250	651.461	655.496	659.160	663.715	668.728	672.940	677.887	683.109	685.964	688.604
5.0250	692.071	694.003	695.078	696.980	697.991	699.463	700.169	700.782	701.456	701.978
5.5250	701.518	701.824	702.345	702.560	702.345	702.315	702.254	702.621	702.407	704.246
6.0250	704.246	704.031	704.430	703.878	705.104	703.878	704.093	704.951	705.472	706.054
6.5250	706.514	706.361	707.679	708.292	706.576	709.088	709.456	709.579	710.008	710.436
7.0250	710.620	712.122	711.754	713.347	712.642	713.807	714.633	715.338	714.572	716.165
7.5250	716.838	716.808	717.206	718.492	717.298	718.890	720.146	719.349	720.390	721.891
8.0250	721.431	720.727	724.003	722.350	724.370	724.095	727.064	726.207	725.962	726.941
8.5250	727.584	728.319	728.992	728.900	730.552	729.696	731.470	732.388	732.113	732.633
9.0250	732.909	732.939	733.429	735.203	735.723	735.815	737.130	739.302	739.332	739.944
9.5250	740.158	741.168	740.311	743.155	743.461	744.592	745.571	746.244	747.191	746.396
10.0250	747.100	749.026	750.279	749.576	751.166	752.511	751.961	754.223	753.856	755.965
10.5250	755.782	756.882	757.768	758.349	759.266	760.519	760.061	761.742	762.414	763.269
11.0250	764.003	765.928	766.601	767.211	767.823	768.587	770.053	770.634	770.695	771.764
11.5250	772.192	773.536	773.750	774.758	775.491	777.569	777.752	778.424	779.035	780.196
12.0250	779.524	781.143	782.976	783.464	783.953	784.411	784.961	786.580	788.046	788.291
12.5250	789.115	790.429	791.101	792.842	794.033	794.461	795.499	796.416	797.179	799.318
13.0250	799.684	800.631	802.586	804.022	804.388	804.083	805.946	807.107	807.565	808.543
13.5250	810.803	813.369	811.964	813.339	816.210	818.685	819.387	821.221	822.473	823.787
14.0250	825.987	827.607	828.554	830.540	832.221	833.780	836.164	838.395	840.596	841.819
14.5250	843.837	845.305	846.528	849.035	850.809	852.216	854.754	857.018	858.303	860.690
15.0250	861.332	863.352	864.790	867.515	869.657	873.209	872.872	876.485	880.192	882.275
15.5250	885.401	887.026	890.060	894.445	896.592	899.659	903.372	906.564	911.386	913.659
16.0250	916.362	920.358	923.187	926.785	929.277	932.292	934.910	937.527	942.334	946.987
16.5250	948.128	950.040	955.286	957.292	961.926	962.388	965.076	969.344	971.724	974.850
17.0250	978.130	978.504	973.364	955.690	927.128	893.130	859.836	825.071	795.133	770.511
17.5250	749.943	733.153	718.002	706.606	698.359	691.580	686.056	680.099	678.502	674.784
18.0250	673.463	671.064	668.882	667.867	667.344	665.345	664.053	664.422	662.976	661.714
18.5250	661.868	661.837	661.899	660.545	661.099	659.283	659.098	659.221	658.482	658.483
19.0250	658.328	657.344	657.682	657.005	656.635	657.128	655.989	655.989	655.527	655.004
19.5250	655.619	655.311	654.726	654.511	655.127	653.464	654.080	653.802	653.833	652.663
20.0250	653.125	652.847	653.001	653.433	652.755	652.693	652.848	651.492	652.139	652.354
20.5250	652.139	651.523	651.307	651.091	651.615	650.475	651.369	649.951	650.568	650.445
21.0250	650.907	650.321	650.136	650.198	650.938	649.150	650.260	649.551	649.274	649.736
21.5250	649.520	649.613	648.904	650.044	649.088	649.797	648.565	649.027	648.842	648.935
22.0250	650.906	649.520	648.596	649.120	649.582	648.904	648.657	648.934	649.243	648.688
22.5250	648.996	648.257	649.212	648.349	648.935	647.887	648.688	648.010	648.811	647.609
23.0250	648.596	648.595	648.842	647.948	648.102	648.780	648.719	647.948	648.133	648.565
23.5250	648.102	648.596	648.842	648.226	649.335	649.273	648.811	649.643	648.596	649.551
24.0250	648.565	649.520	649.890	649.520	650.013	649.335	649.273	649.458	650.105	649.459
24.5250	650.136	649.767	649.797	649.705	649.582	648.780	649.859	649.736	650.075	649.705

TEST M3 FINAL TRANSIENT 2599 (50 ms Averaged) TC14 K RECORD = 113

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	628.658	629.151	628.565	628.843	629.028	629.182	628.935	629.460	628.380	628.905
0.5250	628.874	628.997	629.090	629.090	629.213	627.824	628.936	628.442	628.040	629.460
1.0250	629.151	628.688	628.812	628.256	628.874	630.109	628.874	627.824	628.935	627.855
1.5250	629.429	628.658	628.750	628.442	628.534	628.226	628.874	629.121	628.349	628.719
2.0250	628.164	628.504	628.410	627.824	628.318	628.534	629.491	628.195	628.288	628.904
2.5250	628.874	629.090	628.658	628.565	628.102	629.275	628.658	628.688	629.861	628.565
3.0250	628.781	628.287	629.645	628.935	629.677	628.997	629.337	629.985	629.368	629.460
3.5250	630.170	629.954	630.509	629.306	629.954	630.386	631.590	632.423	632.700	632.361
4.0250	633.472	634.459	635.384	635.323	636.772	639.177	640.071	642.875	645.062	648.358
4.5250	651.374	655.928	660.172	665.367	671.204	677.252	681.119	689.522	693.660	699.053
5.0250	703.280	707.475	710.751	713.994	715.983	719.012	720.480	722.132	723.477	724.487
5.5250	725.434	726.780	726.933	726.504	726.566	726.627	728.033	727.605	727.544	728.278
6.0250	727.942	726.933	727.911	728.308	728.828	729.256	729.287	729.073	730.877	731.488
6.5250	732.313	732.099	732.344	732.068	733.474	733.627	734.422	735.339	736.409	735.125
7.0250	736.989	737.539	738.181	738.884	738.762	740.289	740.809	743.100	741.970	743.069
7.5250	743.344	744.536	744.566	746.399	746.094	748.049	748.629	748.262	750.095	750.095
8.0250	751.958	751.927	753.241	754.981	754.462	755.806	756.172	757.027	758.523	757.485
8.5250	759.164	759.439	760.843	761.454	762.675	763.255	763.927	762.858	764.721	765.575
9.0250	765.820	767.956	769.513	770.582	771.222	772.169	771.589	772.932	774.336	775.068
9.5250	777.418	777.418	778.242	779.219	779.188	780.867	780.989	783.095	784.193	785.780
10.0250	786.055	787.001	789.045	789.137	790.540	791.730	792.859	793.500	794.904	796.247
10.5250	796.552	798.383	798.810	800.244	801.220	802.441	803.387	803.509	806.011	807.079
11.0250	807.995	809.734	809.765	810.406	812.450	813.213	813.488	815.380	816.418	817.333
11.5250	818.493	820.477	821.667	821.943	821.485	823.438	825.178	825.941	825.972	828.109
12.0250	829.543	830.276	830.581	832.627	833.268	834.245	835.161	836.718	837.451	839.405
12.5250	840.932	842.215	843.437	844.689	846.491	848.355	849.485	850.279	851.471	852.907
13.0250	854.863	855.168	857.369	858.225	859.508	861.740	863.054	863.696	865.133	867.274
13.5250	868.681	870.638	871.556	873.421	874.676	876.756	878.776	880.551	883.642	885.081
14.0250	887.684	889.338	891.635	892.278	896.107	898.590	899.294	902.421	904.751	905.702
14.5250	908.155	910.425	911.775	914.353	916.840	918.160	919.848	922.244	925.500	927.099
15.0250	928.819	931.771	933.524	935.800	937.277	941.032	942.786	943.894	948.145	949.562
15.5250	952.766	954.308	959.365	960.723	964.365	967.793	970.419	972.581	977.158	979.199
16.0250	983.843	988.147	991.121	995.306	996.360	1002.008	1004.119	1007.319	1010.924	1014.189
16.5250	1018.080	1021.256	1024.403	1028.331	1030.546	1035.010	1037.666	1041.636	1043.323	1047.799
17.0250	1050.900	1053.186	1052.936	1045.202	1029.896	1007.758	981.647	952.493	920.465	889.983
17.5250	859.601	832.384	807.599	783.277	763.713	746.460	730.387	719.103	709.281	700.585
18.0250	694.090	688.296	684.555	680.137	676.761	675.134	672.985	671.419	669.976	669.054
18.5250	668.071	667.088	666.320	665.859	665.183	664.045	663.185	662.908	663.216	661.402
19.0250	661.771	661.894	660.634	660.203	660.265	660.234	659.803	659.373	658.789	659.250
19.5250	657.713	658.420	658.081	657.405	658.358	657.436	657.159	657.036	657.159	656.974
20.0250	655.528	655.867	656.759	655.159	655.560	655.405	655.836	654.759	655.467	654.020
20.5250	654.698	654.667	654.205	653.713	654.175	654.082	653.221	653.836	653.836	653.528
21.0250	652.390	652.975	652.174	652.544	653.282	652.267	653.406	651.928	652.544	651.990
21.5250	652.174	651.898	651.774	652.390	652.359	652.605	651.313	652.267	652.298	651.436
22.0250	651.836	651.651	651.005	651.682	651.928	651.497	651.220	650.666	651.590	651.220
22.5250	651.159	651.190	650.913	650.759	651.313	650.974	651.221	651.282	651.128	650.851
23.0250	651.005	650.974	650.882	650.082	651.190	650.913	650.636	650.759	650.297	650.636
23.5250	650.974	650.759	650.174	650.451	650.451	650.174	651.528	650.882	650.112	651.221
24.0250	650.943	650.605	651.497	651.282	651.128	651.682	650.451	651.528	651.128	650.420
24.5250	651.005	650.759	651.405	650.851	650.759	651.528	651.836	651.036	651.743	652.174

TEST M3 FINAL TRANSIENT 2599 (50 ms Averaged) TC15 K RECORD = 114

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	628.910	628.138	628.601	629.095	628.652	628.354	629.033	628.725	628.786	628.755
0.5250	630.020	628.570	628.971	627.985	628.508	629.496	628.077	628.725	629.187	629.403
1.0250	628.910	628.910	628.879	628.817	627.954	628.539	628.601	628.262	628.385	629.187
1.5250	629.095	629.187	628.663	629.002	628.540	627.768	628.139	628.478	628.663	628.231
2.0250	629.650	629.650	628.662	628.724	628.694	629.557	629.465	628.818	627.922	629.002
2.5250	628.477	628.015	628.755	629.835	628.910	629.095	629.403	630.297	628.138	628.971
3.0250	629.280	629.187	628.262	628.355	628.879	629.773	629.526	630.143	629.095	631.068
3.5250	629.434	630.976	630.791	630.821	631.870	631.809	631.531	631.870	632.333	631.901
4.0250	634.675	634.213	635.138	636.956	638.188	639.112	641.700	644.132	647.272	650.656
4.5250	653.977	658.495	663.072	668.845	673.940	681.054	687.001	693.158	698.272	703.077
5.0250	707.666	711.612	714.578	716.260	718.552	722.618	721.976	723.718	726.620	726.712
5.5250	725.704	727.017	727.292	727.231	728.209	729.003	728.881	728.850	728.453	728.117
6.0250	730.103	728.331	731.080	730.561	730.164	730.714	730.622	731.142	730.684	732.486
6.5250	732.302	732.486	732.913	735.051	733.463	735.479	737.189	736.731	737.280	739.021
7.0250	739.357	740.242	740.181	741.189	741.647	743.173	742.746	743.814	744.578	745.707
7.5250	746.531	747.111	747.752	748.271	749.217	750.254	750.834	751.353	752.604	753.031
8.0250	753.520	754.527	755.320	755.778	757.029	757.639	758.737	759.561	760.049	761.574
8.5250	761.300	763.588	763.619	764.076	766.120	766.882	766.394	767.187	768.682	769.017
9.0250	769.993	770.207	771.580	772.739	774.507	774.202	776.002	776.185	778.076	778.747
9.5250	780.790	781.125	781.705	781.827	783.869	784.052	785.547	786.492	787.163	789.511
10.0250	790.242	791.188	792.804	793.200	794.816	795.883	797.408	797.713	798.262	800.457
10.5250	801.555	802.836	803.140	804.970	806.586	807.410	808.050	809.391	810.367	810.459
11.0250	812.075	814.881	814.881	814.759	816.223	817.748	819.730	818.937	821.316	821.926
11.5250	824.519	824.397	825.190	825.983	829.094	828.728	828.637	831.138	832.511	832.908
12.0250	834.097	834.494	836.661	838.705	838.064	839.865	841.543	842.550	843.649	845.511
12.5250	846.457	848.777	850.090	852.227	852.288	854.334	855.555	858.090	858.334	860.778
13.0250	861.694	864.229	863.924	865.116	867.529	869.179	870.065	870.769	872.327	872.939
13.5250	874.651	877.188	878.962	881.072	882.907	885.752	887.037	889.056	892.484	894.504
14.0250	895.025	897.873	901.058	902.467	903.968	907.983	908.688	912.244	914.329	916.078
14.5250	918.286	921.601	923.780	924.947	927.864	928.785	931.520	933.516	936.252	937.697
15.0250	940.065	943.294	944.554	946.986	949.387	951.296	954.499	956.841	958.659	962.328
15.5250	964.765	966.987	970.104	972.976	975.756	979.249	981.722	985.837	988.405	992.524
16.0250	995.003	998.877	1001.606	1006.231	1009.896	1012.817	1015.490	1019.129	1023.674	1027.505
16.5250	1030.498	1033.398	1037.143	1041.578	1043.640	1047.298	1051.334	1054.528	1060.357	1062.805
17.0250	1065.536	1067.734	1062.147	1045.705	1024.270	997.521	964.370	931.553	900.205	868.235
17.5250	838.920	812.350	787.102	767.645	752.116	736.944	725.367	715.954	707.727	700.690
18.0250	694.628	690.861	686.970	684.058	682.159	678.847	678.265	676.087	674.676	673.909
18.5250	672.897	670.840	670.840	668.999	669.152	668.692	667.925	667.280	666.573	666.574
19.0250	666.451	665.161	664.885	664.793	663.933	663.841	663.441	662.643	662.673	662.796
19.5250	661.260	661.875	661.445	661.752	661.629	659.601	660.277	660.185	659.417	658.925
20.0250	660.216	659.417	658.464	657.665	658.956	657.604	658.403	657.542	657.266	657.758
20.5250	657.758	656.559	656.989	656.774	656.897	656.098	656.098	656.221	656.067	655.145
21.0250	655.760	655.422	655.268	655.575	655.575	654.807	654.192	654.008	655.176	654.745
21.5250	653.977	654.315	653.854	654.223	653.515	654.407	653.792	653.577	653.884	653.700
22.0250	653.885	653.577	653.178	652.993	652.870	652.716	652.870	653.761	653.393	652.470
22.5250	652.286	652.224	652.101	652.532	652.501	652.501	652.931	653.270	651.824	651.609
23.0250	652.070	652.531	652.101	652.378	652.009	651.517	652.009	651.671	651.640	651.609
23.5250	652.501	651.548	650.871	651.917	651.978	652.470	652.316	651.424	651.640	651.886
24.0250	650.901	651.517	651.209	651.824	651.824	652.039	651.855	651.978	650.963	651.517
24.5250	652.316	651.824	651.886	651.978	651.332	652.685	652.163	652.900	652.347	652.778

TEST M3 FINAL TRANSIENT 2599 (50 ms Averaged) TC16 K RECORD = 115

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	632.069	630.737	632.223	630.613	631.480	630.985	629.870	630.087	631.388	631.078
0.5250	629.374	631.388	630.768	630.582	630.056	630.644	631.481	630.489	631.418	630.706
1.0250	630.644	631.820	630.861	630.613	630.490	631.635	630.644	630.489	631.450	630.737
1.5250	631.233	630.396	630.304	630.521	632.100	631.419	631.264	630.953	630.799	631.202
2.0250	630.334	630.892	630.706	630.613	630.118	630.985	629.839	631.357	630.087	630.365
2.5250	630.644	631.697	630.861	630.985	630.799	630.118	631.108	630.025	629.901	630.396
3.0250	631.016	630.675	630.799	631.449	632.007	631.171	630.273	630.118	632.441	630.583
3.5250	631.078	629.931	631.078	630.675	631.325	630.520	631.109	631.047	631.821	630.457
4.0250	631.419	631.140	630.582	630.923	631.760	632.131	632.317	631.698	632.256	632.596
4.5250	633.122	633.587	634.237	634.299	635.042	636.001	636.465	637.023	636.094	637.177
5.0250	636.930	636.992	637.456	638.043	636.744	639.590	639.064	638.940	637.394	639.404
5.5250	638.321	638.755	640.240	638.971	639.126	639.064	639.868	639.652	639.188	639.652
6.0250	639.930	639.930	640.209	639.157	639.188	638.878	639.899	638.631	639.559	639.683
6.5250	638.662	639.899	639.405	639.374	640.271	639.529	639.683	639.993	638.910	639.344
7.0250	639.622	639.994	639.870	639.220	639.684	639.684	638.787	639.715	638.725	640.148
7.5250	639.962	641.324	640.427	640.272	640.674	640.519	641.076	640.921	641.509	641.416
8.0250	640.952	640.519	640.829	641.416	640.890	640.952	640.396	641.107	641.695	640.117
8.5250	641.200	641.231	642.406	641.942	642.313	641.416	641.509	641.076	642.096	642.375
9.0250	641.354	642.344	641.756	641.385	641.818	644.477	642.127	642.901	642.838	643.518
9.5250	642.993	643.612	643.365	644.972	643.426	644.601	642.808	643.612	642.715	644.447
10.0250	643.705	642.777	642.808	645.127	644.138	643.860	643.797	643.055	644.014	643.952
10.5250	644.137	643.890	643.271	644.137	642.931	642.900	645.003	644.261	644.477	644.756
11.0250	645.498	643.704	644.971	644.601	645.374	644.694	644.971	645.838	645.250	645.652
11.5250	645.621	645.868	645.219	645.868	645.559	646.177	646.548	646.610	645.745	647.878
12.0250	646.363	647.012	644.601	647.723	648.836	648.744	649.176	648.929	649.608	651.061
12.5250	649.331	649.362	651.184	649.547	648.496	649.609	650.443	650.504	651.616	649.021
13.0250	652.327	651.122	652.389	651.214	652.265	650.813	651.740	651.987	652.264	652.698
13.5250	650.875	650.690	651.585	651.245	653.902	651.770	651.740	651.740	651.091	652.574
14.0250	652.388	652.326	650.905	652.264	651.709	654.025	654.025	654.673	653.933	656.063
14.5250	654.242	654.457	654.396	655.477	655.167	654.983	655.538	657.916	654.922	656.218
15.0250	656.218	654.861	656.373	655.632	656.157	656.744	657.732	656.837	657.084	657.670
15.5250	659.491	659.460	659.213	659.800	660.540	659.120	661.991	662.114	661.497	660.664
16.0250	661.559	662.669	662.978	663.070	661.713	662.422	663.502	662.113	658.780	655.971
16.5250	656.527	655.662	656.465	659.090	657.485	658.873	659.645	659.861	659.028	656.249
17.0250	657.144	656.341	654.303	653.161	656.219	655.879	653.532	652.017	649.391	645.930
17.5250	646.579	645.497	646.889	646.425	646.457	645.065	644.971	644.539	643.210	644.508
18.0250	642.963	642.746	643.952	642.375	642.220	640.982	641.756	641.292	641.262	640.395
18.5250	640.024	640.364	640.457	640.117	640.550	640.024	640.891	639.901	639.405	640.117
19.0250	639.901	640.055	639.436	639.962	639.900	640.148	640.550	639.375	639.560	640.055
19.5250	640.179	639.622	639.436	639.746	639.096	639.746	639.900	639.405	638.725	639.746
20.0250	639.003	639.807	639.962	638.694	640.024	639.096	639.932	639.808	638.880	639.468
20.5250	639.498	640.086	639.034	640.055	639.870	639.839	639.777	639.436	640.024	639.375
21.0250	639.993	640.581	640.117	641.169	640.086	639.622	640.055	640.055	640.303	640.303
21.5250	639.560	639.746	639.468	639.932	639.467	639.962	640.241	640.550	640.055	640.736
22.0250	640.488	640.210	640.117	640.210	640.241	640.303	640.581	640.148	639.993	640.829
22.5250	640.210	640.086	639.746	639.622	640.179	640.426	640.086	639.962	640.303	640.241
23.0250	641.014	640.674	641.138	640.396	641.014	640.427	640.736	640.860	641.231	641.664
23.5250	640.736	640.891	642.252	641.788	642.066	641.756	640.674	641.664	641.231	642.066
24.0250	642.035	641.943	641.757	642.592	641.757	641.664	641.541	642.561	642.406	642.870
24.5250	642.963	642.561	642.654	642.901	642.159	643.396	643.643	643.272	643.612	643.025

TEST M3 FINAL TRANSIENT 2599 (50 ms Averaged) TC17 K RECORD = 116

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	631.521	630.718	631.181	631.243	630.594	630.934	630.625	630.502	630.934	631.861
0.5250	630.316	630.502	630.470	631.490	629.389	630.810	631.985	630.563	630.470	630.903
1.0250	630.780	630.563	631.645	630.563	630.996	630.625	631.491	630.254	630.996	631.429
1.5250	632.046	629.976	631.243	630.811	629.883	630.254	630.996	630.038	630.161	630.811
2.0250	630.625	630.347	629.450	630.996	630.563	630.409	630.347	631.738	631.119	630.842
2.5250	629.883	631.058	630.934	631.212	631.057	631.213	630.749	631.645	630.749	630.347
3.0250	630.749	630.810	630.347	631.120	630.903	631.614	630.162	631.305	631.676	629.883
3.5250	631.151	630.656	630.563	630.965	631.305	629.945	630.718	630.965	632.541	630.811
4.0250	630.440	631.367	631.768	630.996	630.532	631.459	631.614	632.108	631.119	631.305
4.5250	630.965	631.985	631.119	632.386	631.305	632.201	632.016	632.603	631.150	632.788
5.0250	632.974	633.128	632.603	633.097	632.726	633.190	632.727	632.572	633.221	632.943
5.5250	633.345	633.221	633.221	633.870	633.221	633.406	633.716	632.634	632.881	633.067
6.0250	633.499	632.417	633.097	633.159	632.974	631.923	634.117	633.345	633.468	633.560
6.5250	633.375	633.592	634.549	633.376	633.869	633.036	634.302	633.499	632.881	633.375
7.0250	633.097	633.746	634.024	633.746	632.726	633.715	633.005	634.179	634.086	633.962
7.5250	632.850	634.333	633.870	632.912	634.673	634.488	633.777	633.406	633.932	634.642
8.0250	633.530	633.499	635.074	634.333	633.654	633.900	634.457	634.086	634.766	634.116
8.5250	634.982	634.642	634.519	634.240	634.303	634.488	634.302	634.302	633.684	634.426
9.0250	633.653	635.260	634.580	635.352	635.291	635.075	635.136	634.580	634.519	634.642
9.5250	634.210	635.291	633.870	634.951	634.333	634.519	634.828	634.859	634.241	635.229
10.0250	634.611	635.198	634.395	634.735	635.106	635.476	635.569	634.982	635.291	634.611
10.5250	634.796	635.013	635.538	635.290	635.507	634.858	636.372	635.044	635.816	635.538
11.0250	635.631	634.518	635.507	635.136	635.754	635.445	636.001	636.187	635.476	635.878
11.5250	634.704	636.001	635.538	635.878	636.032	635.754	635.136	636.310	636.125	636.310
12.0250	635.229	636.434	636.557	636.218	636.681	636.558	635.970	636.588	636.341	636.496
12.5250	636.063	637.083	636.217	636.557	637.237	636.804	637.391	637.020	638.132	637.422
13.0250	637.299	636.989	637.885	637.267	637.144	636.866	637.885	637.267	638.410	637.360
13.5250	637.885	637.823	638.657	636.835	638.225	638.008	638.379	637.051	637.082	638.626
14.0250	638.996	638.503	637.885	638.225	638.255	638.997	638.564	638.811	637.761	639.305
14.5250	639.089	639.305	638.842	639.984	639.151	638.719	639.830	639.953	639.181	640.200
15.0250	638.163	639.490	639.305	639.058	639.706	638.440	640.046	638.934	639.398	638.811
15.5250	639.923	638.626	639.089	637.453	638.132	637.020	638.503	637.792	638.811	637.669
16.0250	638.286	637.761	638.626	638.873	639.243	638.595	638.904	638.626	639.490	639.429
16.5250	638.255	640.386	640.107	640.324	638.749	639.799	639.675	640.386	639.460	640.170
17.0250	639.459	640.262	640.107	639.923	639.398	640.015	639.027	638.472	638.780	637.730
17.5250	636.958	637.360	636.588	636.681	636.743	635.136	636.619	635.260	636.403	636.094
18.0250	636.897	635.661	636.372	635.661	635.075	635.198	635.383	634.519	635.507	634.920
18.5250	635.569	635.414	635.878	635.785	635.322	635.012	635.352	635.352	634.302	635.383
19.0250	636.001	635.785	634.024	635.414	634.920	635.538	635.167	636.248	635.476	635.816
19.5250	634.951	635.692	635.507	635.260	634.549	635.137	636.371	635.630	635.537	635.970
20.0250	635.074	635.322	635.136	635.414	636.001	635.661	636.032	634.116	635.939	635.198
20.5250	635.939	635.353	636.680	634.982	635.600	635.043	635.352	635.846	636.773	635.445
21.0250	636.094	635.569	636.001	635.692	636.464	635.599	636.372	636.588	636.310	637.298
21.5250	636.557	636.773	636.866	636.989	637.638	636.526	636.340	636.773	637.205	637.144
22.0250	637.082	637.484	636.927	637.175	638.101	636.557	637.730	637.113	638.224	637.483
22.5250	637.545	637.792	636.959	638.656	638.441	637.391	638.471	638.193	638.255	638.224
23.0250	638.595	637.668	638.873	638.657	638.410	638.873	639.120	639.459	638.379	639.459
23.5250	638.286	638.935	639.552	639.213	639.552	639.583	640.602	639.645	638.780	640.293
24.0250	640.386	640.386	640.046	641.497	640.324	641.034	641.095	641.404	640.262	641.836
24.5250	640.941	641.466	641.034	641.805	642.145	641.929	641.836	642.700	642.021	641.836

TEST M3 FINAL TRANSIENT 2599 (50 ms Averaged) TC18 K RECORD = 117

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0251	633.552	633.836	632.486	633.978	631.705	632.273	631.136	631.207	631.563	633.339
0.5251	632.984	632.699	631.847	631.918	632.273	634.333	632.984	632.557	631.989	632.344
1.0251	632.984	632.060	631.065	632.486	630.994	633.268	633.694	634.475	631.989	633.552
1.5251	633.055	634.049	632.131	633.410	632.841	633.481	632.131	632.344	632.984	632.841
2.0251	633.907	632.131	631.847	633.623	634.049	633.481	632.131	635.328	632.273	632.486
2.5251	633.339	634.120	632.984	633.268	634.404	633.481	633.197	631.705	632.984	633.694
3.0251	631.065	632.344	632.557	633.907	635.825	632.557	634.689	635.044	634.689	632.415
3.5251	633.552	633.410	632.699	632.984	634.049	634.546	632.557	633.339	632.984	634.049
4.0251	634.760	632.486	635.967	637.529	636.180	634.191	637.316	637.174	641.718	638.524
4.5251	638.524	643.280	643.280	642.286	645.267	647.324	650.162	654.203	658.598	659.590
5.0251	664.266	667.595	672.197	680.193	683.022	686.841	693.981	698.432	703.731	705.638
5.5251	710.016	715.381	717.852	721.098	723.850	726.038	729.283	731.470	733.163	737.959
6.0251	737.324	737.395	738.100	741.838	740.286	742.825	741.062	743.741	742.754	745.434
6.5251	744.376	746.562	745.786	746.703	748.677	749.030	750.087	747.972	749.735	750.369
7.0251	751.004	753.119	751.427	751.920	754.599	756.009	753.894	757.560	756.150	756.009
7.5251	759.604	758.476	760.662	760.591	761.367	763.340	763.763	763.340	766.019	765.666
8.0251	766.160	766.371	766.160	770.036	770.389	770.389	771.376	772.503	775.957	775.464
8.5251	775.957	777.860	776.309	779.622	779.129	782.512	781.877	782.794	782.794	783.921
9.0251	784.274	785.401	787.939	789.490	788.221	788.009	792.027	790.406	792.097	791.674
9.5251	792.661	794.353	795.833	797.102	797.525	800.979	800.556	802.248	801.261	803.235
10.0251	804.293	804.222	807.888	807.888	810.708	811.273	812.683	811.907	814.939	811.343
10.5251	814.657	819.100	821.639	818.324	819.523	821.568	823.684	824.460	827.635	829.187
11.0251	827.564	830.739	831.727	834.196	832.362	832.714	837.090	837.654	842.030	838.360
11.5251	841.536	842.524	844.501	844.713	844.854	849.020	849.655	852.198	849.938	853.045
12.0251	855.447	856.436	859.262	859.120	859.686	860.604	862.441	863.643	863.078	863.007
12.5251	868.379	867.813	870.359	870.005	872.197	875.238	876.511	876.582	878.775	879.695
13.0251	877.572	882.738	884.649	884.719	886.985	888.826	890.525	893.641	897.113	897.467
13.5251	896.688	898.884	899.097	901.790	903.350	903.988	908.597	909.732	912.216	914.770
14.0251	917.042	917.042	919.101	919.811	922.865	925.352	927.839	930.114	931.607	936.016
14.5251	937.582	938.649	941.211	944.487	943.703	950.970	949.972	952.467	954.962	959.242
15.0251	961.168	962.667	965.594	968.094	974.169	977.745	978.603	980.392	979.462	981.036
15.5251	985.690	989.200	987.767	990.060	994.146	997.876	1003.188	1005.703	1009.296	1012.676
16.0251	1014.834	1019.369	1021.602	1026.503	1028.594	1034.151	1040.509	1043.691	1047.960	1050.422
16.5251	1054.914	1060.790	1064.637	1065.945	1070.742	1078.020	1081.080	1081.663	1089.396	1094.071
17.0251	1096.045	1098.458	1103.875	1107.612	1113.261	1116.198	1117.888	1121.196	1124.065	1122.961
17.5251	1119.799	1113.554	1103.069	1092.829	1074.671	1061.951	1042.172	1025.998	998.881	973.954
18.0251	948.761	924.997	904.130	883.304	862.017	843.724	824.108	811.555	799.287	785.331
18.5251	774.900	763.622	756.855	745.716	741.485	735.067	727.872	724.344	719.616	716.016
19.0251	711.781	709.521	710.298	702.742	702.247	699.280	697.372	695.606	692.214	693.627
19.5251	690.517	687.406	686.982	686.841	684.932	685.780	684.295	683.446	684.224	682.032
20.0251	678.849	678.141	679.202	680.334	677.575	677.929	675.735	675.452	674.674	674.603
20.5251	672.550	674.532	675.028	670.144	672.692	671.206	671.276	672.975	669.294	669.506
21.0251	670.144	670.993	668.161	669.577	668.374	668.728	666.674	668.020	667.170	667.311
21.5251	668.161	666.745	664.833	664.479	665.116	665.541	663.912	663.841	664.974	665.328
22.0251	662.849	664.691	665.612	663.204	664.195	664.195	663.629	664.691	664.833	664.549
22.5251	662.920	662.991	660.866	660.724	662.495	662.070	663.629	661.645	661.220	662.779
23.0251	662.424	661.787	661.149	661.645	661.858	662.779	660.653	663.062	662.566	661.149
23.5251	661.574	659.732	660.937	659.945	661.220	660.086	660.441	661.858	660.228	661.716
24.0251	660.937	659.661	662.212	659.023	659.023	660.511	657.748	659.803	659.661	660.157
24.5251	661.362	659.094	660.228	660.228	660.866	659.448	656.401	660.228	659.945	657.819

TEST M3 FINAL TRANSIENT 2599 (50 ms Averaged) TC19 K RECORD = 118

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	629.354	628.706	628.026	628.644	629.230	628.644	628.489	628.335	628.737	628.211
0.5250	628.150	629.879	629.200	628.860	627.840	628.088	629.138	629.014	629.540	628.643
1.0250	628.675	629.941	628.582	628.798	628.582	628.551	628.829	629.045	628.984	628.365
1.5250	628.242	628.891	628.891	627.408	629.385	628.551	629.447	629.292	629.262	628.890
2.0250	629.261	627.871	626.976	628.798	628.551	628.983	629.045	628.551	628.798	629.107
2.5250	628.643	629.601	628.675	628.891	628.829	629.014	628.428	629.323	627.377	629.261
3.0250	630.064	628.582	628.613	629.416	628.242	628.304	628.798	628.242	628.706	628.211
3.5250	629.385	629.323	629.941	628.149	628.922	627.717	629.045	628.026	628.891	628.304
4.0250	628.799	628.212	628.551	628.984	629.200	628.119	628.644	628.644	628.583	628.768
4.5250	628.150	628.984	628.860	628.984	627.007	629.015	628.551	628.119	628.427	628.397
5.0250	629.292	629.447	628.859	628.737	629.508	630.250	628.211	627.748	628.396	629.601
5.5250	629.694	629.694	629.415	628.180	629.662	628.612	628.798	629.230	629.292	629.322
6.0250	628.612	628.613	630.126	627.686	629.044	629.107	629.261	628.026	628.705	629.230
6.5250	628.798	629.045	629.168	628.365	629.755	629.446	628.983	629.261	629.014	628.087
7.0250	629.106	629.076	627.994	629.107	628.489	629.230	629.076	628.798	628.891	628.860
7.5250	627.810	628.891	628.644	628.798	628.644	628.242	628.551	628.799	627.996	627.749
8.0250	628.305	629.077	627.934	628.644	628.305	627.934	628.459	627.748	628.799	627.996
8.5250	629.015	628.026	627.903	628.829	628.953	628.211	628.644	628.860	628.551	628.830
9.0250	627.440	629.725	628.829	629.077	628.428	628.953	628.551	628.305	628.459	627.934
9.5250	628.520	628.490	628.706	628.304	627.656	629.293	628.181	629.694	629.107	629.014
10.0250	628.736	629.447	628.428	628.860	628.953	628.489	628.613	627.655	628.860	627.903
10.5250	628.489	629.385	630.435	628.181	627.501	628.768	629.015	628.829	630.003	629.354
11.0250	629.231	629.447	628.521	629.169	628.520	628.922	629.848	628.829	629.076	629.385
11.5250	629.478	629.632	629.354	628.736	628.860	628.088	628.922	628.829	628.057	629.910
12.0250	628.087	630.156	629.755	629.971	628.242	629.291	628.797	630.712	629.229	630.620
12.5250	628.674	628.983	629.323	628.612	628.428	630.249	629.261	628.953	629.910	628.798
13.0250	630.281	629.169	629.786	628.891	630.404	628.767	630.219	628.427	630.651	629.353
13.5250	629.200	629.322	630.805	629.755	630.620	628.334	631.793	631.052	628.458	630.773
14.0250	628.735	630.527	629.693	631.052	630.218	630.867	630.125	631.113	629.106	631.144
14.5250	631.484	631.638	631.360	631.884	630.248	630.619	630.279	631.020	629.754	631.205
15.0250	630.712	629.847	631.112	630.372	630.126	630.620	631.022	630.312	631.084	630.404
15.5250	631.763	630.466	631.238	630.404	631.578	630.280	631.731	631.485	631.453	631.948
16.0250	632.102	630.991	631.516	631.731	631.577	630.928	631.639	631.793	631.299	631.608
16.5250	632.070	632.256	631.669	633.027	632.595	633.398	631.175	632.040	631.392	631.639
17.0250	632.627	632.750	632.164	633.274	632.966	632.781	631.885	632.811	634.262	632.997
17.5250	632.997	632.534	632.719	632.657	633.368	633.613	633.800	633.923	633.707	633.337
18.0250	633.676	633.182	634.478	633.522	634.325	633.522	634.232	634.602	634.726	634.078
18.5250	633.399	634.479	633.923	633.244	634.294	634.911	634.695	633.769	634.325	635.621
19.0250	634.787	635.065	634.510	635.590	635.220	636.114	635.405	635.096	635.435	636.361
19.5250	636.022	635.405	635.898	636.176	635.806	636.453	637.070	636.546	636.577	636.824
20.0250	636.639	637.564	637.533	636.268	638.274	637.132	637.657	638.212	638.089	637.287
20.5250	638.767	639.230	638.089	638.089	639.415	638.952	640.001	640.154	639.260	639.661
21.0250	639.322	639.877	640.278	640.031	640.494	640.278	641.049	640.679	640.895	641.234
21.5250	641.727	641.820	641.697	642.067	641.141	642.498	641.511	642.560	642.282	643.300
22.0250	642.930	643.330	643.515	642.776	644.070	643.978	643.762	644.101	644.748	644.933
22.5250	644.317	644.163	644.440	644.440	645.580	644.748	645.334	645.241	646.197	645.580
23.0250	645.981	645.919	646.474	645.611	646.690	646.073	646.227	646.844	646.289	646.782
23.5250	647.552	647.860	647.645	647.768	648.076	647.922	647.953	648.600	647.645	648.323
24.0250	647.336	649.123	649.154	649.401	648.538	649.093	648.353	648.939	649.246	648.969
24.5250	650.294	649.709	650.263	649.924	651.218	650.324	650.879	651.341	650.078	651.125

TEST M3 FINAL TRANSIENT 2599 (50 ms Averaged) TC20 K RECORD = 119

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0255	631.078	630.864	630.650	630.650	630.365	630.151	631.649	630.365	631.078	630.579
0.5255	631.720	629.438	630.650	629.224	630.722	631.720	630.508	631.578	631.364	631.649
1.0255	631.078	631.078	631.649	632.505	631.150	630.008	631.649	633.075	632.647	632.148
1.5255	632.005	631.578	632.861	631.364	631.078	633.646	632.219	632.005	631.078	632.005
2.0255	631.364	631.364	631.078	630.579	631.649	629.153	631.292	630.508	630.222	630.936
2.5255	630.508	630.722	629.937	630.508	629.866	630.864	630.650	630.436	630.294	630.864
3.0255	631.364	630.579	630.365	630.864	630.722	630.936	631.863	632.148	632.790	631.934
3.5255	631.364	630.936	631.863	630.864	631.792	632.576	631.578	632.219	631.078	632.219
4.0255	631.934	632.219	632.219	632.077	633.146	631.007	630.722	630.650	631.364	630.508
4.5255	631.649	631.649	630.650	631.649	632.077	632.647	631.435	631.078	632.077	631.649
5.0255	630.151	631.649	631.078	632.719	631.649	631.364	630.936	632.077	633.004	630.650
5.5255	631.150	632.077	631.720	631.150	632.077	630.793	630.579	632.647	631.435	632.362
6.0255	631.364	630.436	629.081	631.435	633.075	630.008	630.936	631.435	631.150	630.436
6.5255	631.934	632.219	631.221	632.005	631.506	631.435	632.932	630.722	631.506	631.578
7.0255	631.435	630.508	631.364	632.505	631.934	629.937	633.360	631.364	631.720	631.506
7.5255	630.365	631.649	631.863	633.146	631.792	632.362	632.719	630.008	630.294	631.934
8.0255	631.506	631.435	631.078	632.077	631.649	630.650	631.934	632.576	631.720	631.078
8.5255	631.506	631.506	631.863	632.505	631.792	632.433	633.004	631.221	631.150	631.934
9.0255	631.364	632.362	631.934	632.291	632.433	631.078	631.934	631.364	632.505	630.222
9.5255	631.506	633.360	632.576	632.291	632.362	632.433	631.934	631.078	631.934	631.364
10.0255	632.647	632.790	631.934	632.505	632.148	632.647	632.647	632.005	632.077	631.649
10.5255	632.576	632.790	632.790	631.649	631.934	633.289	631.435	631.792	632.790	632.148
11.0255	632.932	631.649	632.291	632.719	632.647	632.148	631.292	631.720	631.863	632.647
11.5255	632.861	633.146	632.362	632.647	633.360	633.004	632.647	632.077	634.002	633.075
12.0255	632.790	632.576	631.364	632.291	631.863	631.649	632.433	633.360	633.931	633.004
12.5255	631.506	632.291	631.863	632.291	630.151	632.505	633.432	633.931	632.291	633.931
13.0255	632.077	631.934	632.790	633.218	633.717	633.004	633.646	632.148	633.146	632.861
13.5255	634.501	634.644	632.790	633.646	633.503	633.574	634.786	632.719	632.505	634.929
14.0255	634.644	631.863	632.219	633.574	634.572	635.499	633.717	633.931	634.145	633.859
14.5255	633.503	633.646	633.646	633.218	634.644	634.145	635.143	633.004	634.073	634.501
15.0255	634.501	634.857	634.572	634.786	634.501	634.857	634.644	634.501	643.337	639.348
15.5255	643.195	633.788	634.216	634.644	634.644	635.143	635.499	635.143	635.000	635.642
16.0255	636.497	634.929	634.786	634.715	635.428	634.572	635.071	634.501	635.071	634.715
16.5255	635.214	635.071	635.357	635.499	635.143	635.214	636.141	635.642	634.430	634.786
17.0255	635.784	635.499	635.713	636.283	635.071	635.927	635.285	635.428	637.566	635.998
17.5255	635.428	636.212	637.424	636.640	636.354	636.212	637.780	638.778	636.283	637.210
18.0255	637.637	637.637	636.640	637.067	637.210	636.497	637.637	638.706	637.851	637.139
18.5255	636.354	638.421	637.637	636.853	636.782	638.279	638.208	638.493	638.849	639.063
19.0255	639.989	639.562	637.210	637.923	639.419	639.348	639.348	638.493	639.276	640.345
19.5255	639.775	640.203	640.417	640.345	640.702	641.699	641.200	639.918	639.989	641.343
20.0255	640.132	640.417	638.778	640.702	641.343	641.343	641.058	641.485	641.913	641.343
20.5255	640.915	641.556	642.198	641.058	642.554	640.844	643.409	644.121	644.762	644.619
21.0255	644.548	643.551	644.477	643.195	644.334	643.907	642.696	644.762	643.907	643.836
21.5255	645.688	646.969	645.688	644.477	643.836	643.052	645.047	645.616	646.115	647.183
22.0255	646.756	645.474	645.972	648.607	646.186	646.471	645.901	646.471	647.752	647.112
22.5255	647.396	648.749	650.244	648.749	647.610	649.390	648.037	649.247	648.322	648.536
23.0255	649.959	648.892	649.532	649.034	649.888	650.244	649.603	648.892	649.817	650.529
23.5255	649.532	650.386	649.888	649.532	650.030	650.671	651.240	651.240	650.458	649.675
24.0255	652.308	652.166	652.450	652.521	653.375	653.945	652.593	652.450	653.375	653.518
24.5255	652.877	652.450	654.158	653.375	655.581	653.802	652.877	653.162	652.450	651.881

TEST M3 FINAL TRANSIENT 2599 (50 ms Averaged) TC21 K RECORD = 120

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0256	634.106	632.948	632.659	632.659	632.008	632.948	632.659	631.501	631.646	632.153
0.5256	632.153	632.804	632.587	633.166	632.804	631.791	631.501	632.370	633.310	630.922
1.0256	631.284	631.357	632.008	632.370	632.514	633.310	632.297	631.791	632.587	633.310
1.5256	633.383	631.646	632.080	633.021	631.646	632.731	632.080	633.383	632.442	632.948
2.0256	632.876	632.370	632.442	632.659	632.514	632.948	632.008	631.935	631.429	630.995
2.5256	632.948	632.225	632.659	632.153	633.527	631.791	631.935	631.718	632.514	632.659
3.0256	632.659	633.238	633.600	631.935	631.501	632.659	632.370	632.514	633.744	632.804
3.5256	634.251	631.501	630.705	633.093	632.948	632.153	631.574	632.008	631.646	631.791
4.0256	632.080	632.731	632.442	631.574	632.297	632.008	632.804	631.863	632.659	632.297
4.5256	631.501	632.008	631.935	632.659	632.442	632.008	632.370	632.876	632.297	632.587
5.0256	633.238	633.166	633.672	632.659	633.166	632.948	633.238	632.659	632.948	633.672
5.5256	634.106	633.817	634.974	634.468	635.842	634.106	635.553	635.263	636.927	637.867
6.0256	636.855	638.373	638.662	638.156	639.241	641.843	644.012	644.807	645.168	647.408
6.5256	646.541	648.491	652.102	654.124	654.413	653.041	656.651	659.249	659.465	660.476
7.0256	660.836	662.568	664.660	664.011	665.309	668.194	668.266	668.266	668.770	671.654
7.5256	671.582	672.231	672.519	673.600	674.105	675.762	676.483	677.348	678.356	678.356
8.0256	680.590	680.878	681.454	683.543	683.183	683.255	683.399	684.767	684.623	686.783
8.5256	686.999	686.927	688.151	689.231	689.807	689.231	690.383	692.111	691.967	693.118
9.0256	693.694	695.493	695.349	694.414	696.069	696.501	695.565	696.501	697.005	698.947
9.5256	698.659	699.667	700.314	702.185	702.688	702.832	702.185	704.199	704.486	704.271
10.0256	705.349	705.637	706.644	708.370	709.880	710.239	709.808	711.965	711.102	711.893
10.5256	711.893	711.534	713.403	715.416	715.847	715.128	715.919	717.859	718.506	718.003
11.0256	719.369	719.441	720.016	718.291	718.578	720.016	721.381	723.393	722.603	725.693
11.5256	726.267	726.698	727.201	730.147	729.644	728.926	728.997	730.650	731.871	733.308
12.0256	732.158	734.385	732.015	734.170	735.175	736.899	737.330	738.120	739.556	741.208
12.5256	740.992	739.987	741.064	743.290	743.865	743.219	744.224	745.014	747.383	747.527
13.0256	748.245	750.758	750.686	753.199	750.255	751.619	754.204	753.630	756.716	758.224
13.5256	758.368	758.368	757.937	759.085	760.808	761.167	762.029	763.033	763.823	763.679
14.0256	763.464	765.689	768.560	767.340	769.781	769.924	769.709	770.570	772.293	774.159
14.5256	774.374	776.743	778.752	779.757	781.121	782.341	780.332	782.844	784.136	785.786
15.0256	785.786	787.868	787.796	786.073	788.657	790.954	790.811	793.897	797.630	805.598
15.5256	804.163	796.266	798.850	798.635	797.127	798.994	801.363	803.014	803.014	805.814
16.0256	806.747	806.747	807.537	810.122	810.911	813.497	816.584	812.491	815.794	820.678
16.5256	822.545	822.545	823.695	825.059	825.993	828.723	828.005	832.244	832.603	832.028
17.0256	836.124	836.268	839.358	840.077	842.665	846.978	847.841	849.063	851.868	848.560
17.5256	851.365	853.019	854.386	854.961	858.774	858.918	858.054	860.861	864.531	864.819
18.0256	867.194	867.698	869.930	872.882	876.916	877.924	882.320	879.725	880.950	880.950
18.5256	882.031	882.968	879.942	882.248	886.428	887.870	887.293	887.149	888.663	883.689
19.0256	880.662	880.086	876.988	873.891	870.866	866.762	861.364	856.903	854.242	849.423
19.5256	846.331	841.443	836.771	834.399	830.447	826.137	821.612	818.811	814.286	810.768
20.0256	807.322	805.168	802.511	797.702	794.687	792.677	790.093	786.648	783.920	784.064
20.5256	782.054	777.604	775.594	775.953	773.154	768.632	767.197	767.699	765.115	763.464
21.0256	761.670	760.234	759.516	758.511	755.711	754.204	755.137	753.630	751.619	748.747
21.5256	749.106	748.891	745.804	746.091	744.008	743.865	743.290	742.501	742.141	739.556
22.0256	738.694	739.125	736.540	735.462	734.385	734.529	734.385	733.164	732.518	733.451
22.5256	733.164	731.512	728.854	728.351	729.357	728.135	726.555	726.770	725.764	725.621
23.0256	723.824	724.399	724.255	723.896	722.028	721.597	722.387	720.591	719.513	720.806
23.5256	720.878	718.722	718.003	718.435	717.716	716.566	716.063	715.559	714.984	714.265
24.0256	714.984	715.272	714.265	713.115	712.540	711.677	711.965	711.462	710.599	711.030
24.5256	710.239	710.743	709.305	709.808	707.651	708.657	707.363	707.866	708.514	707.579

TEST M3 FINAL TRANSIENT 2599 (50 ms Averaged) TC22 K RECORD = 121

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0256	511.833	511.806	511.806	512.081	512.218	512.163	511.971	511.833	512.190	511.696
0.5256	511.806	512.026	512.245	511.861	512.300	511.696	512.273	512.190	511.971	511.916
1.0256	511.971	512.657	512.108	511.861	511.668	511.614	511.943	512.108	511.861	511.888
1.5256	512.355	512.410	512.218	512.630	511.806	512.520	512.081	511.586	512.081	511.641
2.0256	512.190	512.163	512.026	512.383	511.751	512.520	511.531	512.053	511.971	512.245
2.5256	511.668	511.833	512.410	511.641	511.751	512.218	512.081	511.943	511.916	512.190
3.0256	512.630	512.081	512.328	512.575	512.135	512.355	511.998	512.245	512.300	512.300
3.5256	512.273	512.026	511.971	511.861	512.465	512.438	511.861	511.971	512.163	511.971
4.0256	511.943	511.916	511.833	511.916	511.723	512.081	511.861	512.081	512.053	512.493
4.5256	512.300	512.602	512.135	512.273	512.245	512.081	512.245	512.300	511.888	512.328
5.0256	512.383	512.163	512.135	511.916	512.300	512.355	511.861	512.053	512.548	511.888
5.5256	512.053	511.888	512.630	512.410	512.163	512.108	511.614	511.998	512.245	512.740
6.0256	512.245	512.245	512.630	512.548	512.300	512.081	512.328	511.943	512.520	512.328
6.5256	512.135	512.438	512.877	512.190	511.971	512.383	512.190	512.245	512.300	512.712
7.0256	512.135	511.833	512.300	512.026	512.630	511.998	512.026	512.602	512.630	513.179
7.5256	512.135	512.108	512.026	512.273	512.300	512.190	512.630	511.916	512.218	512.081
8.0256	512.026	512.190	512.410	512.410	512.108	511.971	512.300	512.081	512.190	511.998
8.5256	511.861	512.712	512.218	512.300	512.245	512.081	512.135	512.355	512.190	512.218
9.0256	512.465	512.026	511.861	511.943	512.245	512.190	512.328	512.355	512.108	512.300
9.5256	512.300	512.712	512.245	512.822	512.465	512.053	512.300	512.245	512.548	512.300
10.0256	512.383	512.795	511.723	512.602	512.300	512.548	512.355	512.383	512.630	512.163
10.5256	512.355	511.668	512.245	512.602	511.998	512.355	512.602	512.548	512.026	512.960
11.0256	511.888	512.877	513.262	512.712	512.190	512.712	512.081	512.300	512.520	512.520
11.5256	512.300	512.135	512.795	512.520	512.630	512.712	512.355	512.273	512.520	512.685
12.0256	512.657	512.602	512.630	512.300	512.300	512.987	512.355	512.081	512.410	512.850
12.5256	512.960	512.767	513.042	512.932	512.575	512.960	512.190	513.069	512.053	512.602
13.0256	512.960	512.493	512.081	512.465	512.932	512.850	512.438	512.657	512.300	512.712
13.5256	512.465	513.015	512.520	512.740	512.960	512.520	512.712	513.069	512.685	512.465
14.0256	512.520	512.575	512.410	512.767	512.520	512.850	512.026	512.355	512.685	512.960
14.5256	512.685	512.493	512.960	512.520	512.905	512.383	512.795	512.877	512.877	512.548
15.0256	512.767	513.042	513.399	513.234	513.124	512.850	512.795	512.493	512.905	512.905
15.5256	513.015	512.905	512.932	513.509	512.850	512.520	512.548	512.795	512.410	512.548
16.0256	512.740	512.657	512.960	512.548	512.740	513.097	512.630	513.069	512.740	512.960
16.5256	513.344	513.207	513.234	513.042	512.960	513.124	512.740	512.987	512.520	513.289
17.0256	512.795	513.097	512.905	512.987	513.509	513.179	512.410	512.602	513.097	513.152
17.5256	512.905	513.042	513.069	513.179	512.822	513.042	512.877	513.784	512.905	512.767
18.0256	513.289	513.262	512.850	512.300	513.179	513.646	512.685	513.042	513.262	513.591
18.5256	512.548	512.712	513.234	512.960	513.179	512.630	513.207	512.850	512.905	513.179
19.0256	513.207	513.262	513.179	512.877	513.234	513.207	512.355	513.179	512.602	512.960
19.5256	512.905	512.960	513.729	512.960	512.822	512.932	513.124	513.069	512.740	513.289
20.0256	513.097	512.932	512.740	512.850	513.289	513.289	513.015	512.685	512.767	512.795
20.5256	513.207	512.767	512.987	512.657	513.152	512.877	513.152	513.289	512.685	512.987
21.0256	512.850	513.289	513.042	513.152	513.893	512.960	512.822	513.124	512.657	513.015
21.5256	512.712	513.015	512.960	512.960	513.207	513.015	513.015	513.509	512.630	512.987
22.0256	512.822	512.987	512.960	513.097	513.069	512.850	513.015	513.124	512.932	513.179
22.5256	512.657	513.069	513.097	512.685	512.822	513.234	512.877	513.015	512.850	513.372
23.0256	513.097	512.795	513.179	513.042	512.657	512.712	513.069	512.877	512.548	513.124
23.5256	512.548	513.179	512.850	513.152	512.740	513.179	513.042	513.564	512.932	513.179
24.0256	513.399	513.289	513.234	513.069	513.729	513.124	513.207	513.372	512.410	513.179
24.5256	512.795	512.960	512.905	512.877	512.548	512.960	513.179	513.399	513.042	512.548

TEST M3 FINAL TRANSIENT 2599 (50 ms Averaged) TC24 K RECORD = 122

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0257	501.508	501.563	501.261	501.151	501.453	501.316	501.316	501.018	501.151	501.041
0.5257	501.288	501.014	500.629	501.398	501.481	501.234	500.821	501.041	501.398	501.041
1.0257	501.151	501.124	500.849	501.701	501.508	501.288	501.371	500.849	501.014	500.876
1.5257	501.206	501.179	501.371	500.629	500.931	501.728	502.085	501.398	501.481	501.069
2.0257	501.508	501.563	501.728	501.124	501.398	501.343	501.508	501.288	501.563	501.371
2.5257	501.261	501.288	501.398	501.838	501.701	501.398	501.179	501.288	501.096	501.316
3.0257	501.728	501.261	501.426	501.481	501.398	501.069	501.701	501.783	500.794	501.481
3.5257	501.151	501.508	500.931	501.563	501.179	501.234	501.041	501.508	501.783	501.426
4.0257	501.371	501.398	500.931	501.343	501.618	501.343	500.904	501.838	501.728	501.508
4.5257	500.739	501.151	501.673	501.371	501.508	501.673	501.838	501.398	501.426	502.085
5.0257	501.975	501.453	501.591	502.113	501.179	501.783	501.536	502.058	501.563	501.838
5.5257	501.948	502.003	502.305	501.948	501.838	502.277	501.810	502.168	502.085	502.387
6.0257	502.497	502.195	502.415	502.305	502.607	502.277	502.497	502.497	502.497	502.497
6.5257	502.717	502.964	502.250	502.525	503.101	503.156	502.937	503.239	502.580	503.074
7.0257	502.525	503.266	502.937	503.349	502.854	502.854	503.266	503.266	503.404	503.239
7.5257	503.651	503.239	503.129	503.239	503.706	503.486	503.486	503.294	503.266	503.513
8.0257	503.953	504.090	503.815	504.090	503.486	504.639	504.172	503.898	503.815	504.145
8.5257	504.255	503.678	503.596	504.474	504.557	503.925	504.365	504.118	504.365	504.612
9.0257	504.282	504.392	504.447	504.804	504.365	505.106	504.474	504.914	504.722	504.914
9.5257	505.161	505.216	504.914	505.463	505.024	504.831	505.024	505.243	505.106	504.859
10.0257	504.886	505.490	504.914	505.600	505.353	505.380	505.380	505.655	505.573	505.490
10.5257	505.820	506.122	505.847	505.929	505.628	506.067	505.792	506.424	505.902	506.341
11.0257	506.671	506.231	506.204	506.863	506.341	506.835	506.451	506.780	506.451	506.588
11.5257	506.945	506.561	506.451	507.329	506.835	506.616	507.357	508.070	507.110	506.835
12.0257	507.000	507.741	507.329	507.384	507.823	507.329	507.576	507.658	508.098	507.549
12.5257	507.878	508.399	508.207	508.372	508.811	508.427	507.905	508.591	508.729	509.058
13.0257	508.536	508.811	508.893	508.646	509.085	509.305	509.058	509.305	509.250	509.743
13.5257	509.195	509.387	509.935	509.771	509.908	509.634	509.963	510.347	509.990	510.210
14.0257	509.853	510.347	510.237	510.265	510.402	510.895	510.402	509.990	510.758	511.060
14.5257	510.621	510.868	511.553	511.252	511.499	511.279	511.252	512.157	511.142	511.663
15.0257	511.828	512.349	512.650	512.294	512.595	512.266	511.992	512.595	512.678	512.486
15.5257	512.678	512.650	512.869	513.363	513.144	513.253	513.144	513.555	513.555	513.500
16.0257	513.582	514.103	513.884	514.075	514.404	514.487	514.815	514.158	514.651	514.843
16.5257	514.377	514.898	515.089	514.952	514.898	515.637	515.994	515.911	515.610	515.829
17.0257	516.048	516.925	516.295	515.747	515.966	515.774	516.843	516.624	516.404	516.350
17.5257	516.213	516.404	516.541	516.761	516.788	516.322	517.254	516.870	516.432	516.870
18.0257	516.870	517.062	516.952	516.788	517.226	517.034	517.336	516.788	517.308	516.925
18.5257	517.281	517.281	517.007	517.034	516.651	517.007	517.089	516.980	516.870	516.952
19.0257	517.144	516.980	516.870	516.980	516.569	517.199	517.473	517.418	517.664	517.527
19.5257	516.761	517.226	517.117	517.473	517.171	516.651	517.391	517.719	516.738	516.870
20.0257	517.308	516.733	517.199	517.281	516.925	517.363	517.418	517.938	516.322	517.254
20.5257	517.308	517.391	517.473	517.391	517.555	517.171	517.089	517.089	517.226	517.336
21.0257	517.007	517.582	517.391	517.199	517.418	517.747	517.117	517.336	517.034	517.363
21.5257	517.610	517.856	517.747	517.391	517.527	517.418	517.527	517.610	517.418	518.020
22.0257	516.952	517.774	517.418	517.664	517.199	517.308	517.418	517.144	516.980	517.199
22.5257	516.980	517.500	517.144	517.582	517.801	517.281	517.829	517.856	517.089	517.199
23.0257	517.445	516.898	517.199	517.171	516.788	517.418	517.692	517.308	516.980	517.363
23.5257	517.062	518.020	516.952	517.695	517.144	516.843	[illegible]	[illegible]	[illegible]	[illegible]

TEST M3 FINAL TRANSIENT 2599 (50 ms Averaged) TC25 K RECORD = 123

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0259	498.905	499.068	498.905	499.232	499.041	498.687	498.469	498.006	498.605	498.578
0.5259	499.123	498.360	499.204	498.414	499.368	498.360	498.796	498.469	498.578	499.640
1.0259	499.041	499.204	498.796	499.150	499.150	499.014	499.531	498.278	499.885	499.803
1.5259	499.014	499.558	499.313	499.667	498.796	498.306	498.632	498.551	499.041	498.496
2.0259	498.769	498.796	497.815	499.232	498.769	498.905	498.551	498.796	499.776	498.006
2.5259	499.340	499.014	499.722	499.477	498.632	499.014	499.232	499.640	498.523	499.531
3.0259	499.286	498.741	498.932	499.177	499.667	499.232	498.251	498.877	499.722	498.333
3.5259	499.722	499.504	498.605	499.014	498.796	499.558	499.422	499.123	498.687	500.048
4.0259	500.076	498.796	499.068	498.741	499.340	499.313	499.232	498.932	499.558	498.769
4.5259	498.469	499.340	499.885	499.150	499.014	500.048	499.694	498.414	499.068	500.103
5.0259	498.387	499.803	499.531	499.449	500.212	500.103	500.021	499.395	500.321	498.823
5.5259	500.321	499.967	498.796	499.259	499.885	499.558	500.430	500.048	500.021	499.449
6.0259	499.613	499.477	498.905	499.259	499.722	500.293	499.994	500.293	500.130	500.920
6.5259	499.885	499.776	499.667	500.266	499.722	500.566	499.694	499.885	500.865	500.647
7.0259	500.185	501.083	500.811	500.920	500.947	500.538	499.667	500.620	501.056	501.328
7.5259	500.321	500.756	500.647	500.974	500.620	500.103	500.702	501.083	500.430	501.001
8.0259	501.328	500.947	500.974	501.709	500.647	501.246	502.172	502.117	501.083	501.437
8.5259	501.709	501.627	502.253	501.083	500.865	501.273	501.110	502.063	501.056	501.845
9.0259	502.580	501.410	501.954	502.117	501.872	501.709	502.172	503.070	500.974	502.226
9.5259	501.845	502.281	502.199	502.906	502.145	501.954	501.273	501.927	502.389	501.845
10.0259	502.770	502.770	503.315	502.934	502.145	502.906	503.451	503.097	502.172	502.825
10.5259	503.233	502.770	502.471	502.662	502.308	504.022	502.879	503.070	503.342	502.852
11.0259	503.287	503.260	503.913	503.750	503.179	503.968	503.696	503.777	503.587	503.287
11.5259	504.702	504.131	504.838	504.022	504.104	504.022	504.104	504.076	504.240	504.621
12.0259	504.539	504.593	505.328	504.593	503.342	504.811	504.294	504.512	504.267	505.056
12.5259	504.947	505.518	504.294	505.301	505.355	506.307	504.349	504.485	505.872	506.252
13.0259	505.328	505.246	506.715	505.600	505.165	506.008	505.001	505.953	505.763	506.225
13.5259	506.361	505.355	506.144	505.899	506.035	506.742	506.198	506.497	506.579	505.926
14.0259	506.008	506.552	506.171	506.878	506.796	506.116	505.953	507.177	507.802	507.068
14.5259	507.422	508.020	507.666	507.884	506.688	507.422	508.074	507.911	508.727	507.802
15.0259	508.319	508.264	508.156	508.373	508.917	508.428	508.998	509.026	508.917	508.428
15.5259	508.482	509.352	509.678	509.297	509.270	509.868	509.596	510.248	509.922	509.651
16.0259	510.058	511.064	510.738	510.248	510.683	510.167	510.439	510.547	510.194	511.417
16.5259	510.765	511.227	511.118	511.824	511.770	511.199	511.064	511.960	511.444	512.042
17.0259	511.091	511.851	511.199	511.634	511.335	511.227	511.444	512.449	511.525	511.879
17.5259	511.607	512.476	510.656	511.960	511.716	512.829	511.851	511.091	511.172	512.395
18.0259	510.928	511.770	512.150	511.417	512.286	512.829	511.634	511.851	511.634	512.014
18.5259	511.743	511.933	511.960	512.992	512.829	511.906	512.014	511.879	511.009	512.042
19.0259	511.879	512.123	512.585	512.313	511.743	512.395	512.503	511.498	511.471	512.395
19.5259	511.987	512.123	511.960	513.155	512.014	512.884	511.797	511.580	512.205	512.911
20.0259	511.987	511.933	511.580	512.856	511.091	512.612	511.607	512.938	512.938	512.177
20.5259	511.797	512.666	512.232	512.829	512.123	513.074	512.938	512.205	512.748	512.177
21.0259	512.340	512.286	512.150	512.395	512.069	511.879	512.938	512.096	512.721	512.531
21.5259	512.123	512.313	512.014	512.503	512.395	511.879	512.259	512.911	511.525	512.748
22.0259	512.096	512.938	512.476	512.938	513.047	512.938	512.340	511.688	511.525	512.286
22.5259	512.693	512.829	512.449	512.666	511.607	512.639	512.395	512.612	511.553	512.286
23.0259	512.340	512.721	512.395	512.965	512.585	512.503	512.286	512.177	513.155	512.313
23.5259	512.884	511.933	512.476	512.503	513.210	512.938	511.525	512.503	511.851	512.395
24.0259	512.449	513.128	511.743	512.069	512.286	512.721	511.987	512.585	512.096	512.313
24.5259	512.232	512.069	512.123	512.422	512.232	513.698	513.019	512.992	512.395	512.612

TEST M3 FINAL TRANSIENT 2599 (50 ms Averaged) TC26 K RECORD = 124

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0258	527.456	526.805	526.890	526.551	527.173	526.692	527.342	527.653	526.805	527.314
0.5258	527.145	526.777	526.268	527.116	527.229	526.805	526.862	526.947	527.229	526.664
1.0258	527.342	527.456	527.173	526.947	526.720	526.664	526.522	526.664	526.918	526.777
1.5258	526.862	527.003	526.466	526.551	527.258	526.777	527.314	526.692	527.003	526.890
2.0258	527.399	526.438	526.013	526.833	527.173	527.229	526.918	526.664	527.003	526.777
2.5258	526.947	527.314	526.777	527.484	526.353	527.060	527.229	527.314	526.890	526.607
3.0258	526.975	527.201	526.833	526.833	526.975	526.720	526.494	526.975	527.116	526.438
3.5258	526.918	527.314	527.031	527.173	527.456	527.116	527.003	527.229	526.098	526.862
4.0258	526.720	527.003	526.805	526.749	527.116	526.325	527.116	527.399	527.116	527.456
4.5258	527.229	527.031	527.286	527.767	527.738	527.540	527.653	527.342	527.314	527.880
5.0258	527.908	527.597	526.918	527.653	527.795	527.682	527.795	528.247	527.456	527.597
5.5258	528.049	527.456	528.388	528.558	527.851	527.880	528.106	528.728	528.445	528.699
6.0258	529.010	528.869	528.586	529.265	529.321	529.293	528.558	528.784	529.491	529.039
6.5258	529.237	529.491	529.067	529.773	529.010	529.547	529.576	529.463	529.830	529.773
7.0258	529.519	529.830	529.830	530.282	530.000	530.508	530.169	529.632	530.508	529.491
7.5258	530.819	530.480	530.226	530.678	531.045	529.858	530.763	530.310	530.706	530.989
8.0258	530.763	530.960	531.384	530.960	530.621	531.780	531.328	531.130	531.751	531.695
8.5258	531.554	531.977	531.497	531.469	531.864	531.554	532.232	532.119	532.316	531.893
9.0258	532.316	533.051	532.853	532.938	532.768	533.559	532.034	532.994	532.853	532.797
9.5258	533.107	532.655	533.559	533.672	533.249	534.011	533.503	533.616	533.785	533.672
10.0258	533.446	533.813	534.124	533.955	533.955	534.661	533.983	534.519	534.435	534.548
10.5258	534.548	533.955	535.141	535.112	535.451	535.649	535.366	535.705	535.141	535.395
11.0258	535.705	536.157	535.705	535.564	535.705	536.524	536.496	535.988	535.988	536.524
11.5258	536.693	536.524	536.693	537.173	536.722	536.496	536.834	537.201	537.286	537.286
12.0258	537.512	537.738	537.935	537.625	538.500	538.641	537.822	538.020	539.431	538.753
12.5258	538.951	538.923	538.979	539.487	539.177	539.261	539.346	540.051	539.092	539.205
13.0258	539.346	540.333	539.995	540.192	539.882	540.644	540.728	540.559	540.785	541.236
13.5258	540.672	541.180	540.898	541.236	541.631	541.659	541.913	542.110	541.462	542.280
14.0258	542.561	542.336	542.138	542.505	543.182	542.815	542.844	543.379	543.125	543.464
14.5258	543.464	544.394	544.281	544.140	543.830	544.620	544.620	545.634	545.437	545.268
15.0258	544.591	545.183	545.381	545.747	546.508	546.254	546.874	546.452	547.241	546.254
15.5258	546.931	547.353	547.719	547.889	547.212	548.029	547.550	548.367	548.001	548.424
16.0258	548.142	549.100	548.818	549.184	549.381	549.579	549.494	549.438	550.367	550.677
16.5258	551.099	551.353	551.437	551.240	551.353	551.465	551.944	551.606	552.254	552.732
17.0258	552.563	552.732	553.408	552.957	552.845	553.070	553.520	553.380	553.520	553.577
17.5258	552.986	553.802	553.633	553.830	553.070	553.549	553.802	553.689	553.323	554.027
18.0258	554.027	553.549	553.746	553.408	553.830	554.308	553.633	553.746	553.774	553.717
18.5258	553.746	553.436	554.140	553.802	553.858	553.774	554.027	553.746	553.492	553.830
19.0258	554.280	554.534	553.999	553.774	554.252	554.027	554.337	554.899	554.112	553.633
19.5258	554.083	554.112	554.308	553.352	554.196	553.520	554.055	554.083	554.449	554.196
20.0258	554.027	554.534	554.083	553.746	554.168	554.393	553.577	553.605	554.899	554.196
20.5258	554.534	554.337	554.731	554.899	554.787	554.365	554.646	554.534	554.843	554.112
21.0258	554.618	554.308	554.393	553.689	554.928	554.590	554.168	554.083	554.393	554.168
21.5258	554.534	553.914	554.702	554.393	554.534	554.027	554.083	554.646	554.674	554.477
22.0258	553.971	554.477	554.083	554.815	553.943	554.702	554.027	554.083	554.055	553.746
22.5258	554.252	554.140	554.196	554.646	553.802	554.027	553.802	554.168	554.759	553.971
23.0258	554.140	553.774	554.196	553.746	553.943	554.196	554.140	554.505	554.196	554.055
23.5258	554.140	554.731	554.112	554.168	554.674	554.083	554.449	554.083	554.505	554.055
24.0258	554.534	553.999	554.224	554.027	554.308	553.352	554.168	554.449	554.252	554.055
24.5258	553.408	554.168	554.112	553.971	554.196	554.421	554.308	553.914	553.605	553.492

TEST M3 FINAL TRANSIENT 2599 (50 ms Averaged) TC27 K RECORD = 125

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0258	537.038	536.869	537.292	537.038	536.784	536.784	537.462	537.264	537.518	537.095
0.5258	536.699	537.660	536.501	537.462	537.405	537.547	537.010	537.547	537.886	537.603
1.0258	537.942	537.038	537.518	537.349	537.490	537.490	536.953	537.490	537.575	536.953
1.5258	537.208	537.829	537.405	537.066	537.405	537.547	537.236	537.095	536.840	537.631
2.0258	537.321	537.377	537.575	537.801	536.840	537.660	537.631	537.264	537.631	537.264
2.5258	537.151	537.942	536.925	538.310	537.010	537.377	537.631	536.925	537.857	537.405
3.0258	537.829	537.236	536.529	537.208	537.575	537.179	536.982	537.631	537.603	537.208
3.5258	537.716	536.982	537.490	537.236	537.377	537.095	537.575	537.208	537.518	537.547
4.0258	537.095	537.095	537.801	537.660	536.840	536.982	537.716	537.942	537.490	537.151
4.5258	537.405	537.744	537.971	537.716	538.140	537.462	537.942	538.055	537.547	538.281
5.0258	538.253	538.083	537.631	538.055	538.225	537.603	537.773	538.225	539.044	538.225
5.5258	538.225	538.507	538.479	538.366	538.112	538.083	538.733	538.366	537.942	538.790
6.0258	539.157	538.083	538.620	539.383	538.987	538.790	539.016	538.761	539.326	539.411
6.5258	538.733	539.298	539.242	540.033	539.468	539.637	539.722	539.326	540.061	539.185
7.0258	540.061	539.863	539.185	539.807	539.863	539.722	538.959	540.033	539.920	539.750
7.5258	540.174	540.456	540.202	539.722	539.891	540.287	540.456	540.315	540.880	540.541
8.0258	541.134	541.219	541.021	541.360	541.473	540.880	541.501	540.880	541.896	541.219
8.5258	541.783	541.219	541.953	540.993	541.473	541.896	541.783	541.670	541.303	542.122
9.0258	542.348	542.291	541.783	541.953	542.235	541.840	542.235	542.771	542.404	542.178
9.5258	542.743	543.025	542.235	542.828	542.856	543.477	542.771	542.969	543.505	543.308
10.0258	544.211	543.421	543.138	543.336	543.674	543.533	543.985	544.013	543.929	543.759
10.5258	543.674	543.985	544.437	544.324	544.211	544.860	544.211	544.408	544.549	545.283
11.0258	544.775	544.634	545.255	545.396	545.198	545.424	545.170	546.129	545.509	545.876
11.5258	545.593	546.412	546.101	545.763	546.468	546.158	546.299	546.468	545.960	545.960
12.0258	546.807	547.117	546.807	546.976	546.976	547.173	546.919	547.427	548.048	547.568
12.5258	547.342	547.709	548.217	548.048	548.104	548.273	548.330	548.442	548.555	548.301
13.0258	548.555	549.232	548.555	548.894	548.894	548.894	549.006	549.204	549.147	548.865
13.5258	549.317	549.683	549.627	549.373	549.852	551.093	550.106	550.050	550.698	550.754
14.0258	550.839	550.811	550.473	550.811	551.346	551.826	551.628	551.741	551.938	552.079
14.5258	552.248	552.192	552.868	552.389	552.840	552.417	553.066	552.474	552.699	553.263
15.0258	553.432	553.178	553.601	553.545	554.193	554.024	554.362	553.911	556.080	565.002
15.5258	558.417	554.277	554.503	555.122	555.320	555.545	556.024	555.967	555.714	556.672
16.0258	556.728	556.812	556.446	557.347	557.432	557.404	557.319	557.770	557.573	558.108
16.5258	558.136	559.093	558.643	558.924	558.727	559.262	559.459	558.924	559.375	559.346
17.0258	560.698	560.163	560.613	560.585	560.613	560.416	560.585	560.444	560.726	560.838
17.5258	560.163	561.007	561.401	561.092	561.063	560.247	561.232	560.444	561.148	561.289
18.0258	560.866	561.514	560.838	560.529	561.486	561.626	561.289	561.345	560.388	560.923
18.5258	561.176	560.304	561.514	561.570	561.176	561.176	560.810	561.626	561.429	561.936
19.0258	561.373	560.895	561.486	561.373	561.148	561.739	561.542	561.092	561.880	560.838
19.5258	561.682	561.401	561.626	561.401	561.739	561.401	561.626	561.514	561.880	562.076
20.0258	561.739	561.486	561.289	562.442	561.570	561.851	561.654	561.317	561.767	561.851
20.5258	561.964	561.176	561.514	561.851	562.273	561.908	561.289	561.345	561.401	561.936
21.0258	561.542	562.442	561.992	561.851	561.880	561.486	561.317	562.217	561.964	561.795
21.5258	561.823	561.204	562.527	561.851	561.851	562.161	562.386	561.992	561.851	562.302
22.0258	561.936	562.189	562.161	561.598	562.864	561.964	561.851	562.048	562.189	561.936
22.5258	561.851	562.414	562.189	562.442	562.076	562.499	562.245	562.189	562.076	562.302
23.0258	562.808	562.076	561.654	562.189	562.133	562.076	560.979	562.217	562.273	562.189
23.5258	562.583	561.570	562.273	562.076	562.864	562.330	562.921	562.724	562.527	561.739
24.0258	562.442	562.527	562.611	562.386	562.217	562.864	562.414	562.302	562.161	562.752
24.5258	561.795	562.639	563.117	562.330	561.851	562.414	562.892	562.189	562.442	562.527

TEST M3 FINAL TRANSIENT 2599 (50 ms Averaged) AIB A RECORD = 126

TIME	+ 0.0000	+ 0.0500	+ 0.1000	+ 0.1500	+ 0.2000	+ 0.2500	+ 0.3000	+ 0.3500	+ 0.4000	+ 0.4500
0.0250	17.523	15.426	16.311	16.311	16.300	16.297	16.284	16.325	16.280	16.282
0.5250	16.306	16.286	16.282	16.288	16.280	16.293	16.281	16.279	16.280	16.287
1.0250	16.301	16.292	16.280	16.276	16.298	16.290	16.289	16.289	16.293	16.278
1.5250	16.281	16.277	16.295	16.296	16.296	16.288	16.285	16.288	16.293	16.305
2.0250	16.277	16.275	16.285	16.292	16.286	16.286	16.274	16.284	16.303	16.299
2.5250	16.285	16.310	16.274	16.300	16.289	16.283	16.299	16.311	16.283	16.299
3.0250	16.281	16.290	16.283	16.295	16.292	16.285	16.303	16.288	16.287	16.297
3.5250	16.294	16.309	16.304	16.287	16.295	16.302	16.312	16.301	16.290	16.297
4.0250	16.298	16.314	16.308	16.309	16.303	16.298	16.288	16.298	16.300	16.305
4.5250	16.306	16.316	16.289	16.308	16.297	16.320	16.288	16.304	16.305	16.296
5.0250	16.293	16.308	16.285	16.293	16.295	16.314	16.282	16.288	16.301	16.285
5.5250	16.291	16.298	16.284	16.291	16.293	16.276	16.270	16.307	16.300	16.296
6.0250	16.295	16.281	16.300	16.281	16.289	16.293	16.280	16.285	16.271	16.287
6.5250	16.290	16.265	16.267	16.284	16.292	16.290	16.293	16.273	16.262	16.264
7.0250	16.285	16.309	16.293	16.303	16.273	16.299	16.280	16.308	16.284	16.309
7.5250	16.276	16.281	16.275	16.302	16.270	16.284	16.286	16.297	16.292	16.301
8.0250	16.293	16.277	16.292	16.279	16.273	16.281	16.306	16.279	16.277	16.292
8.5250	16.294	16.275	16.274	16.278	16.280	16.276	16.274	16.266	16.271	16.274
9.0250	16.263	16.260	16.255	16.267	16.264	16.259	16.246	16.285	16.253	16.264
9.5250	16.261	16.258	16.267	16.263	16.268	16.253	16.262	16.259	16.265	16.247
10.0250	16.242	16.255	16.245	16.238	16.246	16.255	16.268	16.241	16.259	16.226
10.5250	16.237	16.251	16.238	16.242	16.257	16.238	16.245	16.249	16.245	16.254
11.0250	16.243	16.238	16.255	16.257	16.240	16.243	16.250	16.238	16.234	16.244
11.5250	16.258	16.245	16.257	16.244	16.238	16.238	16.251	16.223	16.226	16.258
12.0250	16.259	16.274	16.245	16.250	16.237	16.228	16.233	16.237	16.236	16.224
12.5250	16.231	16.255	16.231	16.204	16.243	16.250	16.233	16.214	16.222	16.246
13.0250	16.225	16.244	16.230	16.230	16.237	16.210	16.216	16.211	16.209	16.189
13.5250	16.218	16.211	16.203	16.208	16.207	16.186	16.209	16.195	16.194	16.210
14.0250	16.209	16.210	16.183	16.219	16.204	16.195	16.199	16.191	16.157	16.172
14.5250	16.190	16.163	16.178	16.177	16.176	16.177	16.143	16.164	16.164	16.179
15.0250	16.174	16.170	16.149	16.163	16.175	16.151	16.147	16.154	16.187	16.171
15.5250	16.148	16.135	16.152	16.144	16.142	16.136	16.132	16.130	16.133	16.107
16.0250	16.124	16.122	16.128	16.107	16.098	16.099	16.108	16.078	16.079	16.115
16.5250	16.083	16.091	16.077	16.109	16.095	16.101	16.093	16.073	16.076	16.085
17.0250	16.060	16.069	16.071	16.065	16.050	16.040	16.060	16.041	16.033	16.032
17.5250	16.054	16.027	16.040	16.013	16.031	16.016	16.036	16.002	16.032	16.012
18.0250	16.025	16.013	15.999	15.989	16.003	15.992	15.981	15.992	15.987	16.004
18.5250	15.986	15.983	15.968	15.970	15.959	15.964	15.961	15.964	15.968	15.955
19.0250	15.932	15.949	15.953	15.945	15.943	15.955	15.939	15.951	15.918	15.933
19.5250	15.927	15.926	15.917	15.909	15.905	15.916	15.907	15.905	15.899	15.907
20.0250	15.887	15.900	15.907	15.897	15.896	15.897	15.889	15.870	15.878	15.869
20.5250	15.889	15.891	15.877	15.872	15.877	15.859	15.864	15.864	15.864	15.868
21.0250	15.848	15.866	15.858	15.866	15.859	15.858	15.845	15.843	15.845	15.860
21.5250	15.841	15.851	15.851	15.848	15.826	15.844	15.832	15.832	15.815	15.810
22.0250	15.809	15.819	15.804	15.805	15.807	15.809	15.797	15.808	15.791	15.789
22.5250	15.790	15.789	15.785	15.782	15.768	15.774	15.782	15.754	15.776	15.766
23.0250	15.752	15.764	15.744	15.746	15.736	15.746	15.737	15.740	15.736	15.730
23.5250	15.733	15.735	15.727	15.715	15.716	15.716	15.710	15.708	15.702	15.716
24.0250	15.708	15.707	15.702	15.705	15.709	15.700	15.694	15.693	15.682	15.688
24.5250	15.683	15.673	15.688	15.671	15.676	15.666	15.670	15.658	15.665	15.659

TEST M3 FINAL TRANSIENT 2599 (1 ms Data) FM1L CC/S RECORD = 127

TIME	+ 0.0000	+ 0.0010	+ 0.0020	+ 0.0030	+ 0.0040	+ 0.0050	+ 0.0060	+ 0.0070	+ 0.0080	+ 0.0090
16.0000	209.440	206.080	207.200	206.528	209.440	206.080	204.288	205.408	203.840	201.600
16.0100	203.168	205.408	203.168	202.272	206.080	205.408	203.840	208.320	205.408	207.200
16.0200	209.888	203.840	206.080	204.288	206.528	205.408	202.720	206.080	203.168	206.080
16.0300	207.200	207.200	204.960	203.840	208.768	206.080	205.408	206.528	207.648	208.320
16.0400	203.840	202.272	203.168	203.168	202.272	204.960	205.408	205.408	202.272	206.528
16.0500	203.840	204.960	206.080	210.560	207.648	206.080	202.272	206.080	201.152	203.168
16.0600	202.720	201.600	207.200	204.288	204.960	203.840	204.288	203.840	208.320	207.200
16.0700	203.168	206.080	204.288	202.720	204.960	206.080	205.408	201.600	206.080	207.200
16.0800	202.272	207.648	204.960	206.080	207.200	206.080	209.440	204.288	207.648	208.320
16.0900	204.288	207.200	202.720	202.272	205.408	203.840	207.648	203.840	208.320	203.168
16.1000	204.288	208.768	209.888	208.320	207.200	205.408	208.320	203.168	207.648	207.200
16.1100	203.168	207.200	203.840	207.648	206.528	205.408	209.440	205.408	210.560	205.408
16.1200	209.440	207.200	205.408	207.200	206.080	203.168	204.288	205.408	207.648	203.840
16.1300	205.408	208.768	205.408	209.440	207.200	208.768	211.680	206.080	207.648	204.288
16.1400	204.288	204.288	205.408	207.200	205.408	207.200	207.200	203.840	207.200	204.288
16.1500	205.408	207.648	208.768	208.320	208.768	207.200	204.960	202.272	206.080	203.840
16.1600	204.960	206.080	205.408	203.840	206.528	204.960	206.528	206.080	207.648	210.560
16.1700	206.080	205.408	208.768	208.320	203.840	207.648	203.168	206.528	203.840	205.408
16.1800	203.840	205.408	206.528	203.840	206.080	211.008	205.408	206.080	205.408	208.320
16.1900	203.840	202.272	206.080	204.960	201.152	208.320	203.168	204.960	202.720	208.768
16.2000	207.648	207.200	208.320	207.648	204.288	207.200	206.528	203.168	203.168	206.080
16.2100	201.600	202.272	204.288	206.528	205.408	203.840	207.648	206.080	204.960	210.560
16.2200	206.528	206.528	209.440	202.272	206.080	203.840	204.288	202.720	202.272	206.528
16.2300	202.272	206.528	208.320	208.320	207.200	208.320	204.960	203.168	204.288	204.960
16.2400	203.840	206.080	202.272	201.600	202.720	202.272	202.272	202.272	203.168	205.408
16.2500	205.408	209.888	205.408	207.648	208.320	205.408	201.152	203.168	200.480	201.152
16.2600	203.168	203.168	202.720	200.032	203.168	207.200	203.840	204.960	208.320	206.080
16.2700	204.288	207.648	205.408	207.200	202.272	202.272	204.288	201.600	206.080	206.080
16.2800	203.840	208.320	202.720	205.408	207.648	208.320	206.080	205.408	207.648	203.840
16.2900	202.720	204.288	206.080	202.272	201.152	206.080	203.840	202.720	207.648	203.840
16.3000	206.080	210.560	205.408	206.528	203.168	207.648	207.200	203.168	207.200	202.272
16.3100	205.408	207.200	207.200	203.168	203.840	207.648	204.288	205.408	207.648	206.528
16.3200	205.408	204.960	204.960	208.320	207.648	207.648	203.168	203.168	208.320	204.288
16.3300	208.320	204.960	205.408	209.888	209.440	206.080	206.080	209.440	208.768	205.408
16.3400	204.288	203.168	207.648	206.528	207.648	208.320	204.288	204.960	203.168	205.408
16.3500	208.320	207.648	207.648	209.440	207.200	208.768	206.528	203.840	204.288	203.168
16.3600	202.272	203.168	203.168	207.200	207.200	207.648	206.528	210.560	206.528	206.080
16.3700	206.528	209.888	205.408	203.840	206.528	204.288	202.272	203.840	206.080	205.408
16.3800	202.272	206.080	205.408	206.528	209.888	206.528	206.528	209.888	207.200	208.320
16.3900	207.648	204.288	203.168	202.272	204.960	202.720	202.720	204.960	207.200	208.320
16.4000	204.288	209.888	207.648	206.528	206.528	204.960	204.960	201.152	205.408	206.080
16.4100	203.168	206.528	203.168	202.720	206.080	208.320	204.288	208.320	206.080	207.648
16.4200	206.080	207.648	204.960	204.288	206.080	202.720	202.720	200.032	204.288	203.168
16.4300	202.272	202.720	207.648	207.648	205.408	208.320	206.528	205.408	205.408	204.288
16.4400	202.272	201.600	203.840	204.960	201.152	202.272	206.080	202.272	206.528	204.288
16.4500	204.288	208.768	205.408	207.648	204.960	207.200	207.200	201.600	203.840	202.720
16.4600	201.152	202.720	203.840	205.408	203.168	203.168	205.408	204.288	208.768	208.320
16.4700	204.288	208.320	202.720	204.960	200.480	204.288	202.720	201.600	206.080	203.840
16.4800	202.272	203.840	206.080	208.320	204.288	208.320	206.080	204.960	205.408	203.840
16.4900	202.720	203.840	204.288	202.272	203.168	206.528	202.720	203.168	208.320	203.840

TEST M3 FINAL TRANSIENT 2599 (1 ms Data) FM1L CC/S RECORD = 128

TIME	+ 0.0000	+ 0.0010	+ 0.0020	+ 0.0030	+ 0.0040	+ 0.0050	+ 0.0060	+ 0.0070	+ 0.0080	+ 0.0090
16.5000	208.320	209.440	207.200	206.080	203.168	207.200	203.168	205.408	207.200	201.600
16.5100	205.408	202.272	206.528	204.288	203.168	208.320	204.288	206.080	204.288	205.408
16.5200	204.288	209.440	207.200	206.080	205.408	204.960	203.168	205.408	204.288	203.840
16.5300	207.648	202.720	208.768	207.648	204.960	204.288	210.560	207.200	207.200	204.960
16.5400	203.168	204.960	206.528	202.720	204.960	204.288	203.168	206.080	207.648	207.200
16.5500	210.560	206.080	207.648	207.648	209.888	206.080	204.960	208.320	205.408	206.528
16.5600	207.200	204.960	204.960	203.840	207.200	204.288	204.288	207.200	209.888	211.008
16.5700	205.408	208.768	207.200	206.080	205.408	203.168	203.168	207.200	203.168	208.320
16.5800	204.288	208.320	205.408	204.960	207.648	206.080	208.768	210.560	206.528	208.768
16.5900	203.168	207.200	204.288	202.272	204.288	203.168	207.200	202.720	206.528	208.768
16.6000	206.080	209.888	206.528	206.080	208.768	205.408	207.648	203.168	204.288	204.960
16.6100	201.600	203.[illegible]8	203.840	204.960	207.648	207.200	207.200	204.960	207.648	207.200
16.6200	204.960	204.960	206.080	207.648	206.528	202.272	202.272	201.152	204.288	202.720
16.6300	203.840	201.600	204.288	208.768	204.960	205.408	207.648	204.288	207.200	202.720
16.6400	205.408	202.272	202.720	200.032	202.272	207.200	207.200	206.080	204.288	206.080
16.6500	204.960	206.080	207.648	209.440	204.288	205.408	204.288	202.720	203.168	203.840
16.6600	203.168	201.152	205.408	203.168	205.408	207.200	203.840	205.408	209.440	205.408
16.6700	207.200	208.768	205.408	203.840	201.600	204.288	201.152	202.720	206.528	203.168
16.6800	206.528	202.720	206.528	205.408	209.440	206.528	204.960	205.408	203.168	203.168
16.6900	205.408	203.168	204.960	201.600	203.840	201.600	201.152	206.080	204.288	205.408
16.7000	208.768	203.840	206.528	205.408	209.440	206.528	203.840	206.080	201.600	202.272
16.7100	206.080	205.408	203.168	202.272	205.408	204.288	206.528	208.320	206.080	207.200
16.7200	206.080	207.200	203.840	202.272	204.960	204.960	204.288	202.720	205.408	204.288
16.7300	205.408	206.080	208.768	206.080	204.960	206.528	204.960	207.200	207.648	203.168
16.7400	204.288	202.272	201.600	206.080	206.080	203.168	203.168	208.320	204.960	206.528
16.7500	206.528	208.320	210.560	206.080	209.888	206.528	204.960	207.200	203.840	204.960
16.7600	202.272	207.648	207.200	203.840	208.768	207.648	204.960	204.288	205.408	209.888
16.7700	207.200	207.648	203.840	203.840	207.648	202.720	203.168	202.272	204.288	205.408
16.7800	203.168	207.648	206.528	204.288	209.440	206.080	207.200	203.840	208.768	208.320
16.7900	204.288	202.720	202.272	201.600	205.408	206.528	203.840	202.720	204.288	203.840
16.8000	206.080	211.008	209.440	210.560	204.960	206.080	207.200	204.960	208.320	204.288
16.8100	202.272	204.288	201.600	206.528	202.720	205.408	207.200	205.408	203.840	204.288
16.8200	205.408	205.408	205.408	203.168	203.840	203.168	207.200	203.840	207.200	201.600
16.8300	204.288	204.288	206.080	205.408	202.272	203.168	207.200	206.080	207.200	206.080
16.8400	198.912	203.840	205.408	203.168	203.168	203.840	202.720	205.408	207.648	208.768
16.8500	204.288	203.840	204.288	207.648	203.168	205.408	205.408	201.152	205.408	203.168
16.8600	201.600	202.720	203.840	200.480	202.272	207.648	204.960	204.288	208.768	208.768
16.8700	205.408	204.288	208.320	204.960	202.272	204.960	206.528	201.600	200.480	204.288
16.8800	205.408	204.288	206.528	202.272	202.720	206.528	204.288	207.200	203.168	202.272
16.8900	205.408	201.152	204.960	201.152	203.840	204.288	206.080	202.720	202.272	203.168
16.9000	205.408	207.648	209.440	204.288	206.528	204.960	202.720	203.840	205.408	206.080
16.9100	202.720	201.600	203.840	203.168	202.272	206.080	207.200	205.408	204.288	204.288
16.9200	207.648	203.840	204.960	206.080	204.960	204.960	203.840	201.152	204.960	202.272
16.9300	201.152	206.528	206.528	203.840	205.408	207.648	205.408	202.272	206.528	208.320
16.9400	205.408	204.288	207.648	203.840	202.272	204.960	206.080	203.168	208.320	208.768
16.9500	203.840	208.768	207.200	208.320	208.320	206.080	207.648	203.168	208.320	207.648
16.9600	206.080	208.320	203.168	203.840	206.528	206.080	209.440	204.960	208.768	209.440
16.9700	204.288	207.648	208.320	204.960	203.168	201.152	204.960	201.152	206.080	202.272
16.9800	202.720	207.200	203.840	209.440	207.200	204.960	205.408	206.080	210.560	206.080
16.9900	206.080	205.408	204.960	202.720	206.080	209.440	203.168	199.360	201.600	206.528

TEST M3 FINAL TRANSIENT 2599 (1 ms Data) FM1L CC/S RECORD = 129

TIME	+ 0.0000	+ 0.0010	+ 0.0020	+ 0.0030	+ 0.0040	+ 0.0050	+ 0.0060	+ 0.0070	+ 0.0080	+ 0.0090
17.0000	208.320	207.200	203.840	198.912	198.912	205.408	208.320	204.288	206.080	201.600
17.0100	202.272	202.720	207.648	203.840	203.168	203.168	204.288	204.288	206.080	205.408
17.0200	209.440	205.408	205.408	203.168	206.528	202.720	201.600	201.600	205.408	201.152
17.0300	205.408	203.168	203.840	207.200	206.528	206.528	204.288	208.320	205.408	203.168
17.0400	203.168	204.288	203.840	202.272	200.480	204.288	201.152	205.408	203.168	206.528
17.0500	204.960	206.080	207.648	204.288	204.288	208.768	203.168	206.080	203.168	202.720
17.0600	206.528	201.600	205.408	201.600	203.840	203.840	203.168	207.200	203.168	205.408
17.0700	204.288	205.408	207.200	201.600	202.272	201.600	201.600	203.168	206.080	206.080
17.0800	202.720	207.200	206.080	203.840	209.440	206.528	207.648	210.560	207.648	202.720
17.0900	203.840	203.168	204.960	203.168	200.032	202.272	200.480	203.840	206.080	204.288
17.1000	202.720	205.408	205.408	204.960	211.008	204.960	204.288	201.152	202.272	203.840
17.1100	202.720	203.168	201.600	202.720	204.960	208.320	203.168	206.080	205.408	208.320
17.1200	207.648	207.200	206.528	207.648	207.200	204.960	205.408	203.168	202.720	207.648
17.1300	204.960	207.648	204.960	208.320	208.320	208.768	210.560	206.080	207.648	207.200
17.1400	203.840	207.648	205.408	207.200	207.200	203.840	206.080	203.840	208.768	206.528
17.1500	206.080	210.560	207.200	209.440	204.960	204.960	206.528	204.960	205.408	202.720
17.1600	202.720	203.840	207.648	204.288	206.528	204.288	209.440	205.408	210.560	207.200
17.1700	208.320	204.960	204.960	207.648	204.288	203.840	206.528	203.168	205.408	203.168
17.1800	208.320	208.320	205.408	209.440	207.200	208.768	207.648	204.288	207.200	205.408
17.1900	207.648	203.168	203.168	206.528	205.408	207.648	204.960	203.840	207.200	206.528
17.2000	205.408	208.768	208.768	206.080	209.440	208.768	205.408	204.960	204.960	206.528
17.2100	202.720	202.272	204.960	204.288	203.168	205.408	206.080	206.528	208.320	208.320
17.2200	206.528	206.080	207.200	202.720	203.168	207.200	202.720	202.720	203.168	207.200
17.2300	203.168	203.168	207.648	205.408	204.288	210.560	208.768	205.408	204.288	208.320
17.2400	204.288	204.960	204.288	204.960	201.600	201.152	205.408	204.288	204.960	208.320
17.2500	204.960	204.960	210.560	205.408	203.840	204.960	207.200	204.288	202.272	206.080
17.2600	202.720	204.960	207.648	205.408	203.840	203.168	207.648	207.648	207.200	208.320
17.2700	204.960	205.408	206.080	207.648	203.168	202.720	206.080	202.272	202.272	206.080
17.2800	204.960	203.840	203.840	204.960	205.408	204.960	209.888	208.320	206.528	203.840
17.2900	202.272	207.200	204.960	202.720	202.272	204.288	201.152	202.720	203.168	203.840
17.3000	206.080	204.960	207.200	206.080	209.888	204.960	203.840	202.272	201.600	205.408
17.3100	204.288	203.840	205.408	204.960	204.288	203.168	204.288	203.168	206.528	207.648
17.3200	209.888	209.888	205.408	207.648	203.840	202.720	203.840	203.168	207.200	202.720
17.3300	203.168	204.960	205.408	209.440	208.320	207.200	210.560	205.408	209.888	205.408
17.3400	205.408	207.648	203.168	206.080	203.840	203.840	207.648	204.288	206.528	204.288
17.3500	209.888	209.888	206.528	209.888	208.320	206.080	203.168	202.272	204.960	204.288
17.3600	204.960	202.720	203.168	207.200	208.768	206.080	205.408	206.528	210.560	206.080
17.3700	208.768	207.648	205.408	208.320	206.080	204.960	202.272	205.408	208.768	203.168
17.3800	207.200	204.288	210.560	207.200	206.080	208.320	208.768	206.080	204.288	204.288
17.3900	207.200	204.960	207.200	202.272	200.480	201.600	204.288	206.080	208.768	204.288
17.4000	203.840	207.648	204.960	203.840	206.528	207.200	203.168	205.408	206.528	201.600
17.4100	201.152	204.288	204.288	204.960	203.840	203.840	204.288	205.408	206.528	207.648
17.4200	204.288	207.648	205.408	203.840	207.200	206.080	202.720	206.528	203.168	207.200
17.4300	207.200	205.408	205.408	204.960	208.320	205.408	208.320	209.440	208.320	206.528
17.4400	202.272	205.408	203.840	201.152	203.168	202.272	203.840	207.648	202.720	207.648
17.4500	206.080	209.440	204.960	204.960	206.528	203.840	205.408	206.528	203.168	206.080
17.4600	201.152	205.408	203.168	202.272	204.288	203.840	207.648	203.840	207.648	208.768
17.4700	206.080	208.320	206.080	202.720	204.288	202.272	205.408	201.600	206.080	204.288
17.4800	204.960	203.840	202.272	207.200	205.408	205.408	207.648	203.168	206.528	204.288
17.4900	201.152	203.840	204.288	201.152	199.360	201.600	205.408	203.840	201.152	202.720

TEST M3 FINAL TRANSIENT 2599 (1 ms Data) FM1L CC/S RECORD = 130

TIME	+ 0.0000	+ 0.0010	+ 0.0020	+ 0.0030	+ 0.0040	+ 0.0050	+ 0.0060	+ 0.0070	+ 0.0080	+ 0.0090
17.5000	203.168	205.408	207.200	210.560	206.528	207.200	201.600	202.272	200.032	203.840
17.5100	203.840	202.272	206.080	200.480	201.152	204.288	203.840	207.200	205.408	204.960
17.5200	208.768	208.320	208.320	203.168	202.272	206.080	201.152	201.152	203.840	202.272
17.5300	204.960	202.720	207.200	205.408	207.200	209.440	204.960	206.080	209.440	203.168
17.5400	205.408	203.168	204.288	204.288	202.720	206.080	202.272	204.960	208.320	204.288
17.5500	208.768	204.960	208.768	205.408	207.200	208.768	203.168	204.288	207.200	201.600
17.5600	204.960	203.840	207.200	202.720	203.168	206.528	203.168	208.320	206.080	204.960
17.5700	208.768	203.840	207.200	202.272	204.288	204.960	202.720	203.840	204.288	205.408
17.5800	203.168	203.168	208.320	203.840	203.840	206.080	207.200	205.408	204.960	202.720
17.5900	201.600	201.600	204.288	203.840	201.600	206.080	205.408	204.960	207.648	207.648
17.6000	203.168	208.320	207.200	206.528	203.840	203.168	205.408	200.032	201.152	202.720
17.6100	201.152	203.168	202.720	204.288	206.528	205.408	203.168	207.648	204.960	205.408
17.6200	204.960	206.528	207.648	202.272	205.408	202.720	201.600	202.720	203.168	203.840
17.6300	201.600	206.528	205.408	203.840	208.768	208.320	204.288	202.720	202.720	206.080
17.6400	202.720	204.288	201.152	200.480	205.408	201.152	202.272	202.720	204.288	206.080
17.6500	202.720	208.320	205.408	204.288	208.320	203.840	203.840	200.480	204.960	202.720
17.6600	200.032	203.168	203.840	201.600	200.480	204.288	203.168	204.288	204.288	206.528
17.6700	205.408	208.320	205.408	204.288	203.840	204.960	202.720	203.168	201.152	202.272
17.6800	200.032	202.720	203.168	203.840	202.272	204.288	206.528	202.720	204.288	203.168
17.6900	201.152	204.960	202.272	205.408	199.360	202.720	200.480	204.288	203.840	207.200
17.7000	203.168	203.840	204.960	206.528	203.840	207.200	203.840	201.600	205.408	203.168
17.7100	201.600	202.272	204.960	205.408	202.720	205.408	204.960	204.288	208.320	207.200
17.7200	206.080	203.840	206.528	202.720	203.840	201.600	201.600	201.600	206.080	201.152
17.7300	205.408	202.720	203.840	207.200	207.200	206.528	203.168	206.080	204.960	203.168
17.7400	206.080	204.288	201.152	199.360	204.960	204.288	202.720	203.840	201.600	202.720
17.7500	207.200	204.960	208.768	202.720	204.288	205.408	204.960	202.272	202.272	204.288
17.7600	202.720	201.152	205.408	200.032	202.272	207.200	203.168	204.960	201.152	203.840
17.7700	206.528	203.168	202.272	200.480	201.600	200.032	201.152	204.960	205.408	202.720
17.7800	202.272	201.152	201.600	207.200	206.080	204.960	204.960	205.408	201.600	206.080
17.7900	199.360	201.152	203.840	203.168	201.152	200.480	204.960	202.720	202.720	207.200
17.8000	205.408	205.408	204.960	207.200	203.840	204.288	203.168	200.032	201.152	204.960
17.8100	204.288	202.272	201.152	201.600	203.840	202.272	206.528	204.960	204.960	206.528
17.8200	203.840	207.200	201.600	204.288	204.960	202.272	204.288	200.032	205.408	202.720
17.8300	202.272	206.528	203.168	206.528	202.272	204.288	208.320	203.168	205.408	203.840
17.8400	201.152	205.408	203.168	204.288	201.152	202.720	203.840	202.272	206.528	204.960
17.8500	207.200	206.528	207.648	203.840	202.272	206.080	204.288	201.600	204.960	203.168
17.8600	201.152	202.272	205.408	202.272	202.272	202.720	207.200	202.272	203.840	206.528
17.8700	206.080	204.960	204.960	204.288	201.152	205.408	201.600	203.168	200.032	201.152
17.8800	201.600	203.840	203.168	207.200	204.288	208.320	206.528	207.200	205.408	202.720
17.8900	203.168	201.152	202.720	202.720	201.152	203.168	202.272	205.408	203.168	201.600
17.9000	206.528	203.168	206.080	208.320	203.168	207.648	202.272	205.408	202.720	202.720
17.9100	201.152	201.152	204.288	202.720	201.152	204.288	206.528	203.840	203.168	204.288
17.9200	207.200	204.288	207.200	201.600	201.600	203.168	201.152	202.720	202.272	201.600
17.9300	205.408	201.600	206.080	202.720	206.528	205.408	203.840	207.648	202.720	203.168
17.9400	202.272	203.840	205.408	200.032	201.600	199.360	201.152	202.720	203.168	203.168
17.9500	202.720	204.288	206.528	207.648	206.080	203.168	203.168	205.408	200.480	203.840
17.9600	202.272	201.600	205.408	201.152	201.600	201.600	207.200	206.528	208.768	203.840
17.9700	203.840	204.288	206.528	200.032	204.960	202.272	205.408	197.120	202.272	201.600
17.9800	201.600	204.960	202.720	201.152	204.960	202.720	203.168	207.200	203.840	202.272
17.9900	201.152	201.152	204.960	201.152	204.288	201.152	205.408	200.480	206.528	204.288

TEST M3 FINAL TRANSIENT 2599 (1 ms Data) FM1L CC/S RECORD = 131

TIME	+ 0.0000	+ 0.0010	+ 0.0020	+ 0.0030	+ 0.0040	+ 0.0050	+ 0.0060	+ 0.0070	+ 0.0080	+ 0.0090
18.0000	205.408	208.320	204.288	204.960	203.840	203.168	206.080	201.600	204.960	200.032
18.0100	200.032	203.168	205.408	204.288	202.720	202.720	207.200	203.168	208.320	204.960
18.0200	206.080	207.648	202.272	204.960	202.272	201.600	204.288	201.600	205.408	200.480
18.0300	201.152	206.080	203.168	207.200	206.528	204.960	208.320	202.272	206.528	203.840
18.0400	203.840	205.408	201.152	203.840	202.720	201.600	202.720	202.720	204.960	202.272
18.0500	207.648	206.080	204.960	204.288	202.272	204.960	200.480	203.168	202.272	201.152
18.0600	201.152	200.480	201.600	204.288	202.720	206.080	203.168	205.408	208.320	207.200
18.0700	206.080	204.288	204.288	204.288	202.720	203.168	202.272	202.720	203.168	203.168
18.0800	203.168	203.840	206.528	205.408	202.272	206.528	202.720	202.272	201.152	204.960
18.0900	204.960	202.720	200.480	202.720	201.152	205.408	201.152	203.168	203.168	206.528
18.1000	204.288	203.840	208.320	204.960	205.408	207.648	205.408	201.600	200.032	204.288
18.1100	201.152	200.480	203.168	203.840	203.168	201.152	204.960	204.288	205.408	207.648
18.1200	203.168	203.168	206.528	201.600	204.288	204.960	201.152	201.152	200.032	203.840
18.1300	202.272	204.288	207.648	206.080	202.720	202.720	207.648	206.528	204.960	206.528
18.1400	201.152	201.152	201.600	202.272	204.960	204.960	202.720	202.272	201.600	201.600
18.1500	204.288	206.080	203.168	203.168	207.200	202.720	205.408	204.960	202.720	201.600
18.1600	203.168	200.480	199.360	203.840	202.272	206.080	206.528	202.720	203.168	205.408
18.1700	203.840	203.168	201.152	201.600	200.480	202.720	200.032	201.600	202.272	203.840
18.1800	203.168	204.960	203.840	201.600	208.320	203.168	204.960	206.528	204.288	205.408
18.1900	203.840	205.408	200.032	202.272	198.912	200.032	201.600	201.600	204.288	204.288
18.2000	202.720	204.288	206.528	207.648	201.600	203.840	205.408	200.480	203.840	201.600
18.2100	200.032	205.408	200.480	202.272	203.168	201.600	203.840	204.288	207.648	203.168
18.2200	207.648	203.840	202.272	202.272	200.032	202.272	198.912	202.720	202.272	202.272
18.2300	201.600	201.152	202.272	205.408	203.840	207.648	203.840	203.840	207.200	204.288
18.2400	201.152	200.032	203.840	199.360	202.272	203.840	200.032	204.960	206.528	201.600
18.2500	204.288	203.168	207.200	204.288	203.840	201.600	202.272	203.168	201.600	203.168
18.2600	202.272	204.960	202.720	203.168	199.360	201.600	204.960	206.528	207.200	204.960
18.2700	207.648	202.720	203.168	199.360	204.960	203.168	201.152	202.272	203.168	200.032
18.2800	202.272	202.272	206.528	202.720	203.840	202.720	202.272	206.080	206.528	203.168
18.2900	200.480	201.152	204.960	201.600	199.360	205.408	202.272	202.272	201.600	205.408
18.3000	203.840	203.168	205.408	206.528	203.168	201.600	206.080	203.840	201.600	203.840
18.3100	199.360	201.152	202.272	203.168	201.152	202.720	206.528	203.840	203.168	206.528
18.3200	207.200	204.960	207.200	201.600	201.152	200.032	203.840	201.600	200.480	202.720
18.3300	201.152	205.408	201.152	205.408	204.960	205.408	205.408	202.272	202.720	203.168
18.3400	201.152	204.960	201.600	201.600	201.152	201.152	198.240	203.168	204.960	204.288
18.3500	202.720	203.840	205.408	204.960	204.288	206.080	202.272	200.480	201.152	203.168
18.3600	200.032	202.720	198.912	202.272	200.032	201.600	203.168	207.200	208.320	203.168
18.3700	203.840	207.200	202.720	202.272	201.152	204.288	200.480	198.912	204.288	202.272
18.3800	203.168	206.528	202.272	204.288	204.960	204.288	204.960	205.408	207.648	201.152
18.3900	204.288	201.600	200.032	201.152	200.032	202.720	200.032	203.840	203.168	204.288
18.4000	203.168	203.168	204.288	204.960	206.528	206.080	203.168	202.720	204.960	200.032
18.4100	203.168	199.360	203.168	203.840	202.272	202.272	201.600	206.528	204.960	203.840
18.4200	207.648	202.720	203.168	199.360	201.152	201.600	203.168	200.032	200.480	201.152
18.4300	201.152	201.600	205.408	202.720	206.528	206.528	203.840	204.960	207.200	202.272
18.4400	205.408	203.168	203.840	198.240	201.152	198.240	200.480	200.480	202.272	203.840
18.4500	203.168	207.200	202.720	202.272	203.840	207.648	201.152	201.152	200.032	200.032
18.4600	202.720	200.480	204.288	197.792	200.032	203.840	206.080	206.080	203.168	203.840
18.4700	203.840	203.168	202.720	201.600	201.152	199.360	198.912	203.840	201.152	203.840
18.4800	200.480	201.152	202.720	204.960	204.288	204.288	204.960	207.200	202.720	205.408
18.4900	201.600	200.480	203.840	200.032	199.360	203.168	204.960	203.168	201.152	204.288

TEST M3 FINAL TRANSIENT 2599 (1 ms Data) FM1L CC/S RECORD = 132

TIME	+ 0.0000	+ 0.0010	+ 0.0020	+ 0.0030	+ 0.0040	+ 0.0050	+ 0.0060	+ 0.0070	+ 0.0080	+ 0.0090
18.5000	202.272	207.200	202.272	205.408	203.168	203.168	205.408	200.032	200.032	201.152
18.5100	200.032	203.840	201.152	204.288	201.152	201.600	206.080	202.720	204.288	204.960
18.5200	202.720	207.200	201.152	203.168	201.152	201.600	203.840	199.360	200.480	204.288
18.5300	201.600	203.168	204.960	202.272	204.288	203.168	204.288	203.840	207.200	203.840
18.5400	203.168	201.600	201.152	202.272	202.272	198.912	202.720	202.720	203.168	206.528
18.5500	202.272	202.720	204.960	204.960	204.960	202.272	203.168	200.480	202.272	200.480
18.5600	202.720	201.152	200.480	200.032	204.288	202.720	203.168	204.960	206.080	204.288
18.5700	205.408	202.272	201.600	204.288	200.032	202.720	200.480	203.840	201.152	202.720
18.5800	200.480	200.032	204.288	203.168	203.840	206.080	204.288	203.840	203.168	203.840
18.5900	200.480	200.032	203.168	198.912	200.032	201.152	201.152	202.720	200.480	201.152
18.6000	205.408	203.168	204.960	207.200	202.272	206.080	200.480	203.840	200.480	202.272
18.6100	199.360	200.480	203.168	201.600	202.720	206.080	205.408	203.168	202.720	206.080
18.6200	203.168	201.600	203.168	203.168	202.272	200.032	198.240	202.272	203.840	202.272
18.6300	203.168	201.152	206.080	203.840	205.408	204.288	202.720	206.080	202.272	204.960
18.6400	200.480	202.720	203.168	199.360	202.720	203.840	198.912	200.480	202.272	201.600
18.6500	204.960	204.288	202.720	203.168	203.840	204.288	200.032	201.152	202.272	198.240
18.6600	200.480	203.168	201.152	200.032	202.272	200.480	205.408	203.840	203.168	207.648
18.6700	204.960	202.272	200.032	198.912	202.720	201.152	201.600	197.792	199.360	203.168
18.6800	201.152	204.288	201.600	205.408	206.528	203.168	206.528	202.720	203.168	202.720
18.6900	200.032	203.168	198.240	201.600	203.168	201.600	204.288	200.480	205.408	204.960
18.7000	202.720	204.288	206.528	202.272	201.152	204.960	202.272	201.600	202.272	198.912
18.7100	199.360	204.288	200.480	201.152	202.720	200.480	206.080	201.600	206.080	203.840
18.7200	204.288	203.840	205.408	200.032	201.600	200.480	203.168	201.152	204.288	203.168
18.7300	204.288	202.272	201.600	203.168	202.720	207.648	207.200	202.272	206.528	200.480
18.7400	202.720	200.032	203.168	201.152	198.912	200.480	206.080	204.288	203.168	203.168
18.7500	206.080	202.720	206.080	203.840	206.528	203.168	202.720	203.168	201.152	199.360
18.7600	200.480	199.360	199.360	201.152	203.168	203.168	201.152	203.168	202.272	206.080
18.7700	201.600	201.152	204.288	203.168	203.168	199.360	198.912	203.840	203.840	200.032
18.7800	202.272	204.288	201.152	200.480	202.720	205.408	203.840	206.528	202.272	201.152
18.7900	200.480	198.912	203.168	199.360	201.152	204.960	198.912	201.152	202.272	206.080
18.8000	204.960	203.168	207.648	203.840	201.600	206.528	204.288	200.480	199.360	203.168
18.8100	200.032	200.032	202.272	203.168	202.720	200.480	204.288	206.080	203.840	205.408
18.8200	202.272	202.720	206.080	200.480	199.360	200.032	198.912	203.168	198.912	200.032
18.8300	198.912	203.168	204.288	203.168	204.960	203.840	206.080	202.720	202.720	205.408
18.8400	199.360	203.168	200.032	200.032	200.032	200.480	203.840	199.360	204.960	200.480
18.8500	203.168	201.600	204.288	204.960	201.152	202.272	204.960	200.032	201.152	198.240
18.8600	200.032	203.168	199.360	202.720	200.480	203.168	201.152	204.288	203.168	206.080
18.8700	202.720	206.528	202.272	203.840	198.912	198.912	202.272	203.168	201.600	202.272
18.8800	200.032	204.960	200.480	206.080	203.840	204.288	206.528	201.600	205.408	201.600
18.8900	200.032	201.600	202.272	198.912	201.152	199.360	203.840	202.720	205.408	201.152
18.9000	202.272	204.960	203.840	204.288	202.272	202.720	204.288	198.912	202.720	201.152
18.9100	201.600	201.600	203.840	202.272	199.360	201.600	201.152	201.600	204.288	205.408
18.9200	204.288	198.912	200.032	200.480	203.168	201.600	197.792	202.272	198.912	201.152
18.9300	201.152	201.600	201.152	203.840	206.080	203.840	200.480	200.480	202.720	200.480
18.9400	204.288	201.152	202.272	203.168	200.032	204.288	199.360	204.288	202.272	203.840
18.9500	201.600	203.168	204.288	200.480	201.600	203.168	204.288	200.480	198.912	202.272
18.9600	200.480	199.360	203.840	200.032	202.272	206.528	200.480	203.168	203.840	207.200
18.9700	205.408	202.720	206.080	201.600	201.600	203.840	203.168	200.032	200.032	204.288
18.9800	201.152	200.480	203.168	204.960	203.168	202.272	202.272	206.080	203.840	204.960
18.9900	202.272	203.168	201.152	198.912	203.168	202.272	201.600	205.408	200.480	202.272

TEST M3 FINAL TRANSIENT 2599 (1 ms Data) FM2L CC/S RECORD = 133

TIME	+ 0.0000	+ 0.0010	+ 0.0020	+ 0.0030	+ 0.0040	+ 0.0050	+ 0.0060	+ 0.0070	+ 0.0080	+ 0.0090
16.0000	217.580	218.592	233.772	225.170	230.230	228.712	212.520	217.580	216.062	215.050
16.0100	216.062	225.170	227.700	214.038	226.182	230.230	230.230	221.122	225.170	221.122
16.0200	220.110	218.592	232.760	225.170	231.242	222.640	218.592	216.062	225.170	221.122
16.0300	225.170	237.820	235.290	236.302	227.700	236.302	238.832	231.242	238.832	237.820
16.0400	231.242	235.290	233.772	225.170	233.772	232.760	231.242	232.760	233.772	235.290
16.0500	233.772	248.952	237.820	235.290	232.760	237.820	235.290	235.290	235.290	238.832
16.0600	235.290	237.820	237.820	247.940	242.880	240.350	242.880	247.940	245.410	259.072
16.0700	248.952	235.290	233.772	236.302	242.880	243.892	231.242	231.242	243.892	233.772
16.0800	238.832	250.470	243.892	240.350	247.940	242.880	237.820	235.290	246.422	238.832
16.0900	235.290	247.940	240.350	233.772	243.892	241.362	235.290	235.290	253.000	238.832
16.1000	243.892	256.542	258.060	240.350	247.940	251.482	236.302	236.302	251.482	240.350
16.1100	237.820	253.000	241.362	240.350	248.952	253.000	247.940	247.940	263.120	247.940
16.1200	245.410	250.470	259.072	242.880	251.482	254.012	248.952	243.892	256.542	246.422
16.1300	245.410	261.602	247.940	245.410	259.072	248.952	253.000	247.940	254.012	242.880
16.1400	253.000	247.940	240.350	253.000	242.880	251.482	243.892	248.952	247.940	245.410
16.1500	253.000	253.000	251.482	245.410	250.470	247.940	238.832	245.410	237.820	233.772
16.1600	232.760	240.350	238.832	232.760	230.230	240.350	230.230	246.422	235.290	225.170
16.1700	237.820	226.182	223.652	228.712	227.700	221.122	218.592	231.242	217.580	220.110
16.1800	223.652	221.122	225.170	223.652	226.182	223.652	223.652	235.290	220.110	233.772
16.1900	231.242	227.700	217.580	222.640	225.170	218.592	220.110	228.712	221.122	238.832
16.2000	228.712	223.652	230.230	235.290	233.772	226.182	230.230	232.760	217.580	231.242
16.2100	217.580	222.640	235.290	236.302	225.170	227.700	242.880	238.832	241.362	245.410
16.2200	240.350	227.700	228.712	227.700	228.712	233.772	226.182	231.242	238.832	230.230
16.2300	236.302	228.712	236.302	247.940	242.880	245.410	246.422	242.880	235.290	242.880
16.2400	227.700	240.350	226.182	227.700	233.772	237.820	228.712	232.760	243.892	235.290
16.2500	242.880	235.290	230.230	237.820	230.230	230.230	228.712	227.700	227.700	232.760
16.2600	230.230	226.182	230.230	233.772	226.182	231.242	227.700	240.350	233.772	241.362
16.2700	235.290	222.640	222.640	235.290	220.110	218.592	225.170	222.640	217.580	223.652
16.2800	220.110	218.592	221.122	235.290	226.182	232.760	235.290	217.580	221.122	222.640
16.2900	217.580	226.182	226.182	227.700	214.038	226.182	222.640	226.182	218.592	231.242
16.3000	222.640	222.640	223.652	231.242	217.580	228.712	223.652	217.580	214.038	222.640
16.3100	214.038	220.110	231.242	231.242	218.592	233.772	228.712	232.760	227.700	235.290
16.3200	222.640	218.592	223.652	231.242	221.122	232.760	217.580	218.592	217.580	221.122
16.3300	227.700	225.170	238.832	227.700	230.230	238.832	226.182	235.290	230.230	233.772
16.3400	236.302	221.122	228.712	232.760	226.182	233.772	223.652	228.712	228.712	232.760
16.3500	243.892	237.820	253.000	243.892	246.422	231.242	236.302	235.290	245.410	233.772
16.3600	236.302	238.832	235.290	235.290	232.760	240.350	241.362	243.892	250.470	247.940
16.3700	247.940	255.530	255.530	238.832	250.470	245.410	247.940	243.892	253.000	242.880
16.3800	241.362	254.012	258.060	248.952	265.650	251.482	250.470	245.410	254.012	245.410
16.3900	248.952	248.952	256.542	243.892	253.000	250.470	254.012	248.952	259.072	246.422
16.4000	247.940	264.132	261.602	245.410	253.000	253.000	243.892	245.410	247.940	237.820
16.4100	236.302	250.470	236.302	241.362	248.952	255.530	243.892	248.952	246.422	245.410
16.4200	247.940	243.892	245.410	235.290	236.302	232.760	242.880	231.242	233.772	242.880
16.4300	237.820	254.012	251.482	247.940	250.470	263.120	243.892	254.012	246.422	241.362
16.4400	240.350	253.000	236.302	237.820	241.362	240.350	242.880	248.952	243.892	253.000
16.4500	253.000	248.952	248.952	261.602	254.012	247.940	260.590	255.530	245.410	248.952
16.4600	251.482	251.482	245.410	259.072	254.012	251.482	259.072	251.482	250.470	264.132
16.4700	261.602	247.940	250.470	255.530	243.892	243.892	248.952	245.410	242.880	250.470
16.4800	255.530	254.012	247.940	263.120	247.940	253.000	254.012	254.012	251.482	245.410
16.4900	246.422	245.410	247.940	245.410	237.820	251.482	237.820	238.832	237.820	250.470

TEST M3 FINAL TRANSIENT 2599 (1 ms Data) FM2L CC/S RECORD = 134

TIME	+ 0.0000	+ 0.0010	+ 0.0020	+ 0.0030	+ 0.0040	+ 0.0050	+ 0.0060	+ 0.0070	+ 0.0080	+ 0.0090
16.5000	241.362	247.940	247.940	254.012	238.832	248.952	241.362	233.772	235.290	245.410
16.5100	231.242	232.760	247.940	240.350	243.892	238.832	248.952	240.350	238.832	240.350
16.5200	248.952	236.302	233.772	242.880	232.760	245.410	242.880	240.350	236.302	236.302
16.5300	248.952	235.290	242.880	241.362	255.530	242.880	240.350	233.772	243.892	235.290
16.5400	228.712	231.242	231.242	227.700	227.700	242.880	238.832	233.772	243.892	232.760
16.5500	233.772	232.760	245.410	228.712	243.892	227.700	227.700	222.640	231.242	222.640
16.5600	226.182	226.182	237.820	222.640	236.302	233.772	237.820	232.760	242.880	226.182
16.5700	223.652	235.290	236.302	221.122	227.700	228.712	220.110	218.592	220.110	218.592
16.5800	221.122	236.302	222.640	228.712	237.820	232.760	223.652	226.182	227.700	221.122
16.5900	226.182	233.772	226.182	228.712	226.182	232.760	220.110	222.640	233.772	230.230
16.6000	228.712	243.892	230.230	228.712	237.820	233.772	223.652	223.652	228.712	232.760
16.6100	223.652	237.820	233.772	228.712	243.892	243.892	243.892	241.362	235.290	241.362
16.6200	241.362	235.290	240.350	251.482	232.760	236.302	238.832	240.350	242.880	247.940
16.6300	235.290	245.410	254.012	259.072	245.410	247.940	242.880	255.530	238.832	250.470
16.6400	242.880	242.880	241.362	248.952	242.880	245.410	246.422	258.060	260.590	247.940
16.6500	261.602	259.072	251.482	264.132	246.422	248.952	254.012	253.000	253.000	247.940
16.6600	245.410	242.880	255.530	255.530	247.940	263.120	250.470	251.482	248.952	258.060
16.6700	245.410	251.482	251.482	256.542	243.892	250.470	246.422	240.350	243.892	254.012
16.6800	241.362	242.880	255.530	256.542	254.012	253.000	254.012	241.362	240.350	247.940
16.6900	236.302	236.302	247.940	233.772	235.290	233.772	235.290	237.820	242.880	240.350
16.7000	238.832	241.362	253.000	245.410	238.832	241.362	243.892	231.242	230.230	240.350
16.7100	233.772	243.892	246.422	230.230	237.820	241.362	238.832	251.482	241.362	238.832
16.7200	250.470	247.940	238.832	232.760	241.362	235.290	242.880	233.772	240.350	235.290
16.7300	237.820	240.350	258.060	256.542	242.880	251.482	242.880	242.880	254.012	240.350
16.7400	246.422	238.832	242.880	245.410	242.880	238.832	254.012	241.362	250.470	260.590
16.7500	247.940	248.952	265.650	250.470	243.892	254.012	255.530	247.940	246.422	253.000
16.7600	242.880	254.012	260.590	255.530	251.482	264.132	265.650	254.012	258.060	259.072
16.7700	250.470	250.470	250.470	259.072	246.422	246.422	259.072	243.892	247.940	254.012
16.7800	248.952	246.422	256.542	258.060	253.000	255.530	263.120	247.940	246.422	248.952
16.7900	242.880	247.940	255.530	258.060	248.952	251.482	255.530	237.820	238.832	240.350
16.8000	233.772	228.712	230.230	242.880	225.170	226.182	230.230	227.700	217.580	231.242
16.8100	223.652	241.362	232.760	232.760	237.820	236.302	235.290	242.880	240.350	223.652
16.8200	220.110	217.580	221.122	216.062	214.038	211.508	203.918	197.340	211.508	202.400
16.8300	203.918	207.460	211.508	218.592	226.182	233.772	237.820	217.580	226.182	226.182
16.8400	215.050	216.062	216.062	220.110	206.448	220.110	217.580	221.122	220.110	222.640
16.8500	233.772	222.640	226.182	235.290	232.760	228.712	235.290	237.820	227.700	235.290
16.8600	241.362	231.242	235.290	235.290	238.832	237.820	245.410	248.952	245.410	254.012
16.8700	253.000	235.290	245.410	242.880	246.422	240.350	247.940	251.482	242.880	250.470
16.8800	258.060	259.072	278.300	270.710	275.770	281.842	271.722	266.662	266.662	279.312
16.8900	265.650	265.650	274.252	269.192	268.180	274.252	270.710	283.360	273.240	276.782
16.9000	286.902	280.830	297.022	291.962	279.312	287.914	289.432	285.890	294.492	291.962
16.9100	289.432	295.504	298.034	291.962	303.094	300.564	308.154	304.612	307.142	294.492
16.9200	295.504	291.962	297.022	287.914	286.902	292.974	291.962	289.432	290.444	297.022
16.9300	294.492	287.914	290.444	299.552	294.492	295.504	297.022	289.432	281.842	289.432
16.9400	281.842	280.830	283.360	280.830	280.830	280.830	280.830	278.300	292.974	279.312
16.9500	280.830	291.962	284.372	273.240	279.312	284.372	266.662	268.180	280.830	268.180
16.9600	265.650	280.830	275.770	270.710	278.300	283.360	278.300	279.312	297.022	280.830
16.9700	280.830	287.914	291.962	276.782	284.372	287.914	274.252	274.252	289.432	281.842
16.9800	274.252	287.914	273.240	269.192	274.252	275.770	269.192	256.542	268.180	251.482
16.9900	254.012	256.542	253.000	247.940	250.470	246.422	260.590	270.710	278.300	297.022

TEST M3 FINAL TRANSIENT 2599 (1 ms Data) FM2L CC/S RECORD = 135

TIME	+ 0.0000	+ 0.0010	+ 0.0020	+ 0.0030	+ 0.0040	+ 0.0050	+ 0.0060	+ 0.0070	+ 0.0080	+ 0.0090
17.0000	289.432	275.770	284.372	284.372	271.722	279.312	275.770	263.120	260.590	260.590
17.0100	261.602	254.012	264.132	260.590	268.180	274.252	268.180	268.180	274.252	270.710
17.0200	281.842	271.722	276.782	276.782	265.650	278.300	266.662	270.710	285.890	274.252
17.0300	269.192	278.300	283.360	271.722	283.360	281.842	269.192	269.192	278.300	273.240
17.0400	278.300	283.360	284.372	278.300	284.372	279.312	280.830	294.492	283.360	286.902
17.0500	290.444	284.372	283.360	280.830	278.300	279.312	278.300	278.300	275.770	286.902
17.0600	275.770	279.312	291.962	289.432	291.962	305.624	308.154	305.624	307.142	319.792
17.0700	309.672	300.564	312.202	304.612	292.974	298.034	303.094	298.034	307.142	295.504
17.0800	292.974	304.612	305.624	305.624	313.214	300.564	298.034	297.022	312.202	315.744
17.0900	313.214	314.732	322.322	307.142	307.142	310.684	318.274	304.612	310.684	309.672
17.1000	315.744	314.732	319.792	313.214	309.672	312.202	313.214	305.624	307.142	312.202
17.1100	310.684	310.684	317.262	317.262	323.334	320.804	323.334	328.394	320.804	333.454
17.1200	318.274	330.924	323.334	313.214	315.744	308.154	315.744	322.322	329.912	327.382
17.1300	337.502	322.322	323.334	335.984	329.912	324.852	338.514	335.984	325.864	333.454
17.1400	323.334	318.274	320.804	332.442	320.804	324.852	334.972	333.454	328.394	335.984
17.1500	337.502	330.924	329.912	342.562	337.502	330.924	334.972	328.394	328.394	334.972
17.1600	330.924	334.972	346.104	346.104	334.972	335.984	337.502	343.574	353.694	337.502
17.1700	337.502	334.972	345.092	332.442	341.044	342.562	337.502	335.984	345.092	335.984
17.1800	345.092	351.164	347.622	341.044	340.032	343.574	346.104	338.514	345.092	338.514
17.1900	347.622	329.912	328.394	325.864	329.912	329.912	329.912	340.032	327.382	328.394
17.2000	333.454	332.442	327.382	324.852	337.502	333.454	322.322	312.202	313.214	322.322
17.2100	309.672	318.274	317.262	308.154	320.804	310.684	309.672	315.744	305.624	304.612
17.2200	303.094	297.022	297.022	292.974	291.962	287.914	287.914	299.552	294.492	300.564
17.2300	299.552	289.432	284.372	291.962	295.504	289.432	298.034	294.492	279.312	294.492
17.2400	287.914	274.252	278.300	281.842	278.300	279.312	285.890	280.830	275.770	291.962
17.2500	278.300	281.842	276.782	285.890	284.372	275.770	286.902	280.830	280.830	283.360
17.2600	276.782	273.240	274.252	284.372	285.890	276.782	289.432	278.300	280.830	290.444
17.2700	287.914	281.842	285.890	294.492	287.914	279.312	291.962	294.492	285.890	297.022
17.2800	290.444	303.094	291.962	297.022	309.672	297.022	310.684	299.552	295.504	295.504
17.2900	303.094	292.974	299.552	302.082	300.564	298.034	298.034	307.142	312.202	315.744
17.3000	314.732	310.684	318.274	318.274	308.154	318.274	304.612	303.094	304.612	308.154
17.3100	310.684	313.214	302.082	304.612	319.792	310.684	317.262	317.262	325.864	317.262
17.3200	312.202	323.334	318.274	303.094	312.202	313.214	313.214	304.612	319.792	305.624
17.3300	309.672	314.732	324.852	310.684	323.334	325.864	309.672	313.214	322.322	304.612
17.3400	305.624	318.274	304.612	300.564	307.142	313.214	307.142	305.624	313.214	305.624
17.3500	313.214	319.792	315.744	304.612	314.732	314.732	299.552	299.552	305.624	294.492
17.3600	295.504	294.492	308.154	294.492	312.202	312.202	297.022	299.552	314.732	300.564
17.3700	292.974	300.564	299.552	289.432	298.034	295.504	285.890	280.830	289.432	290.444
17.3800	289.432	298.034	287.914	292.974	295.504	290.444	298.034	294.492	279.312	278.300
17.3900	273.240	275.770	286.902	271.722	276.782	273.240	278.300	286.902	283.360	284.372
17.4000	283.360	281.842	279.312	275.770	269.192	274.252	278.300	264.132	268.180	265.650
17.4100	259.072	268.180	261.602	265.650	264.132	269.192	263.120	265.650	261.602	269.192
17.4200	256.542	266.662	265.650	251.482	265.650	254.012	248.952	246.422	247.940	246.422
17.4300	253.000	255.530	265.650	250.470	263.120	258.060	248.952	248.952	259.072	245.410
17.4400	241.362	253.000	253.000	250.470	247.940	253.000	245.410	242.880	243.892	245.410
17.4500	246.422	263.120	247.940	247.940	253.000	250.470	242.880	245.410	243.892	240.350
17.4600	237.820	254.012	250.470	254.012	251.482	256.542	245.410	247.940	260.590	253.000
17.4700	247.940	261.602	248.952	246.422	258.060	253.000	242.880	242.880	258.060	251.482
17.4800	255.530	260.590	250.470	253.000	266.662	255.530	261.602	258.060	250.470	261.602
17.4900	258.060	251.482	256.542	258.060	253.000	263.120	254.012	259.072	261.602	264.132

TEST M3 FINAL TRANSIENT 2599 (1 ms Data) FM2L CC/S RECORD = 136

TIME	+ 0.0000	+ 0.0010	+ 0.0020	+ 0.0030	+ 0.0040	+ 0.0050	+ 0.0060	+ 0.0070	+ 0.0080	+ 0.0090
17.5000	259.072	261.602	258.060	265.650	255.530	255.530	256.542	253.000	266.662	251.482
17.5100	260.590	259.072	256.542	261.602	270.710	266.662	261.602	264.132	278.300	270.710
17.5200	258.060	265.650	273.240	270.710	258.060	269.192	255.530	260.590	265.650	275.770
17.5300	263.120	266.662	279.312	279.312	270.710	286.902	271.722	271.722	269.192	278.300
17.5400	269.192	274.252	275.770	274.252	270.710	285.890	281.842	275.770	283.360	295.504
17.5500	283.360	285.890	300.564	291.962	284.372	302.082	297.022	285.890	286.902	295.504
17.5600	286.902	290.444	308.154	294.492	298.034	309.672	310.684	304.612	320.804	307.142
17.5700	305.624	309.672	319.792	310.684	314.732	313.214	305.624	312.202	317.262	323.334
17.5800	318.274	329.912	318.274	320.804	322.322	334.972	330.924	333.454	318.274	318.274
17.5900	315.744	318.274	325.864	327.382	320.804	323.334	323.334	333.454	330.924	337.502
17.6000	334.972	329.912	323.334	323.334	323.334	325.864	333.454	320.804	318.274	323.334
17.6100	307.142	318.274	317.262	319.792	317.262	319.792	323.334	318.274	324.852	328.394
17.6200	310.684	312.202	324.852	309.672	304.612	310.684	312.202	309.672	302.082	310.684
17.6300	300.564	310.684	310.684	312.202	305.624	315.744	313.214	295.504	299.552	299.552
17.6400	290.444	290.444	287.914	297.022	285.890	286.902	299.552	285.890	289.432	297.022
17.6500	291.962	285.890	292.974	292.974	283.360	284.372	287.914	275.770	276.782	286.902
17.6600	283.360	279.312	284.372	287.914	289.432	281.842	281.842	279.312	283.360	281.842
17.6700	286.902	286.902	273.240	281.842	279.312	281.842	278.300	278.300	270.710	275.770
17.6800	273.240	275.770	275.770	283.360	278.300	290.444	290.444	283.360	273.240	274.252
17.6900	270.710	268.180	271.722	278.300	278.300	271.722	271.722	280.830	286.902	279.312
17.7000	275.770	275.770	278.300	281.842	281.842	270.710	274.252	271.722	266.662	274.252
17.7100	278.300	274.252	270.710	281.842	269.192	276.782	279.312	284.372	279.312	276.782
17.7200	274.252	271.722	284.372	276.782	274.252	273.240	269.192	271.722	286.902	276.782
17.7300	274.252	286.902	292.974	283.360	294.492	291.962	280.830	281.842	285.890	279.312
17.7400	279.312	287.914	289.432	275.770	291.962	285.890	280.830	284.372	284.372	286.902
17.7500	292.974	302.082	289.432	286.902	289.432	290.444	292.974	295.504	281.842	294.492
17.7600	284.372	284.372	283.360	283.360	295.504	291.962	292.974	299.552	292.974	305.624
17.7700	299.552	294.492	287.914	286.902	283.360	287.914	281.842	283.360	285.890	294.492
17.7800	279.312	285.890	294.492	284.372	287.914	289.432	287.914	280.830	281.842	290.444
17.7900	285.890	283.360	280.830	283.360	284.372	270.710	273.240	276.782	284.372	273.240
17.8000	283.360	285.890	279.312	269.192	268.180	264.132	264.132	260.590	269.192	263.120
17.8100	270.710	271.722	255.530	259.072	268.180	269.192	260.590	265.650	265.650	259.072
17.8200	254.012	250.470	251.482	258.060	250.470	247.940	259.072	255.530	246.422	253.000
17.8300	261.602	250.470	250.470	264.132	264.132	258.060	265.650	260.590	247.940	254.012
17.8400	256.542	245.410	247.940	258.060	255.530	250.470	258.060	250.470	253.000	260.590
17.8500	270.710	260.590	269.192	266.662	253.000	263.120	268.180	260.590	250.470	259.072
17.8600	251.482	256.542	266.662	268.180	256.542	269.192	258.060	261.602	270.710	275.770
17.8700	258.060	260.590	259.072	261.602	251.482	255.530	259.072	251.482	255.530	253.000
17.8800	256.542	258.060	269.192	256.542	268.180	270.710	261.602	259.072	259.072	259.072
17.8900	248.952	247.940	251.482	248.952	254.012	246.422	247.940	260.590	264.132	254.012
17.9000	261.602	256.542	251.482	250.470	248.952	245.410	243.892	258.060	255.530	242.880
17.9100	256.542	242.880	248.952	248.952	258.060	255.530	264.132	266.662	253.000	254.012
17.9200	264.132	258.060	266.662	251.482	250.470	258.060	250.470	250.470	251.482	268.180
17.9300	256.542	260.590	270.710	268.180	264.132	270.710	275.770	261.602	263.120	275.770
17.9400	269.192	263.120	275.770	271.722	264.132	263.120	275.770	275.770	270.710	285.890
17.9500	273.240	275.770	281.842	279.312	280.830	271.722	269.192	268.180	266.662	273.240
17.9600	273.240	274.252	269.192	269.192	281.842	270.710	287.914	276.782	276.782	273.240
17.9700	266.662	273.240	266.662	271.722	268.180	270.710	264.132	263.120	269.192	274.252
17.9800	269.192	270.710	275.770	271.722	280.830	270.710	265.650	269.192	269.192	265.650
17.9900	261.602	268.180	266.662	258.060	264.132	273.240	260.590	261.602	278.300	274.252

TEST M3 FINAL TRANSIENT 2599 (1 ms Data) FM2L CC/S RECORD = 137

TIME	+ 0.0000	+ 0.0010	+ 0.0020	+ 0.0030	+ 0.0040	+ 0.0050	+ 0.0060	+ 0.0070	+ 0.0080	+ 0.0090
18.0000	268.180	283.360	278.300	268.180	271.722	274.252	264.132	263.120	275.770	260.590
18.0100	263.120	273.240	279.312	265.650	274.252	273.240	270.710	278.300	287.914	280.830
18.0200	271.722	284.372	281.842	266.662	274.252	276.782	270.710	268.180	283.360	269.192
18.0300	273.240	284.372	283.360	276.782	289.432	290.444	275.770	275.770	286.902	273.240
18.0400	273.240	284.372	274.252	269.192	278.300	283.360	281.842	276.782	284.372	280.830
18.0500	286.902	287.914	287.914	286.902	285.890	276.782	274.252	283.360	285.890	281.842
18.0600	285.890	271.722	276.782	283.360	290.444	280.830	281.842	279.312	295.504	283.360
18.0700	279.312	281.842	279.312	279.312	274.252	274.252	276.782	273.240	284.372	289.432
18.0800	271.722	276.782	290.444	284.372	284.372	281.842	273.240	281.842	273.240	274.252
18.0900	279.312	273.240	274.252	265.650	266.662	266.662	268.180	280.830	276.782	284.372
18.1000	285.890	274.252	269.192	273.240	265.650	269.192	276.782	275.770	260.590	273.240
18.1100	266.662	270.710	266.662	271.722	264.132	264.132	274.252	279.312	265.650	279.312
18.1200	261.602	261.602	259.072	258.060	256.542	259.072	260.590	268.180	258.060	269.192
18.1300	264.132	258.060	261.602	271.722	270.710	260.590	273.240	260.590	255.530	268.180
18.1400	253.000	253.000	256.542	259.072	254.012	250.470	256.542	266.662	258.060	254.012
18.1500	256.542	258.060	256.542	265.650	253.000	259.072	248.952	254.012	253.000	253.000
18.1600	258.060	259.072	248.952	250.470	254.012	258.060	266.180	263.120	256.542	261.602
18.1700	259.072	261.602	248.952	253.000	256.542	242.880	247.940	255.530	259.072	248.952
18.1800	254.012	255.530	258.060	263.120	259.072	261.602	270.710	263.120	265.650	260.590
18.1900	260.590	260.590	253.000	266.662	254.012	259.072	266.662	271.722	263.120	273.240
18.2000	276.782	274.252	268.180	280.830	274.252	268.180	278.300	263.120	264.132	273.240
18.2100	270.710	268.180	268.180	275.770	268.180	270.710	281.842	275.770	290.444	284.372
18.2200	274.252	278.300	281.842	274.252	281.842	269.192	268.180	278.300	283.360	270.710
18.2300	285.890	273.240	278.300	285.890	287.914	278.300	279.312	287.914	274.252	283.360
18.2400	278.300	276.782	274.252	273.240	280.830	275.770	281.842	275.770	283.360	276.782
18.2500	286.902	281.842	290.444	286.902	281.842	280.830	279.312	271.722	280.830	278.300
18.2600	270.710	286.902	276.782	284.372	281.842	278.300	297.022	283.360	292.974	279.312
18.2700	276.782	276.782	285.890	273.240	286.902	278.300	271.722	276.782	283.360	286.902
18.2800	286.902	286.902	281.842	281.842	294.492	281.842	283.360	289.432	291.962	276.782
18.2900	275.770	276.782	274.252	281.842	286.902	281.842	283.360	294.492	284.372	295.504
18.3000	290.444	294.492	289.432	294.492	290.444	280.830	292.974	284.372	278.300	289.432
18.3100	278.300	279.312	284.372	287.914	292.974	283.360	298.034	299.552	289.432	295.504
18.3200	297.022	283.360	284.372	283.360	287.914	278.300	290.444	289.432	289.432	287.914
18.3300	290.444	281.842	283.360	294.492	295.504	286.902	292.974	281.842	292.974	284.372
18.3400	292.974	279.312	279.312	276.782	280.830	281.842	281.842	284.372	285.890	291.962
18.3500	287.914	294.492	284.372	297.022	285.890	278.300	287.914	285.890	278.300	286.902
18.3600	287.914	283.360	286.902	279.312	287.914	287.914	289.432	281.842	294.492	290.444
18.3700	283.360	276.782	279.312	290.444	275.770	287.914	287.914	276.782	276.782	284.372
18.3800	276.782	281.842	283.360	291.962	280.830	294.492	287.914	279.312	294.492	287.914
18.3900	279.312	281.842	283.360	279.312	287.914	278.300	276.782	287.914	291.962	281.842
18.4000	292.974	283.360	286.902	291.962	289.432	292.974	292.974	281.842	280.830	287.914
18.4100	278.300	280.830	290.444	289.432	284.372	302.082	287.914	290.444	298.034	298.034
18.4200	290.444	298.034	290.444	294.492	287.914	291.962	298.034	300.564	287.914	291.962
18.4300	305.624	299.552	308.154	300.564	310.684	308.154	299.552	297.022	304.612	303.094
18.4400	298.034	307.142	307.142	300.564	309.672	308.154	303.094	313.214	310.684	309.672
18.4500	312.202	308.154	318.274	304.612	307.142	305.624	313.214	315.744	309.162	318.274

TEST M3 FINAL TRANSIENT 2599 (1 ms Data) FM2L CC/S RECORD = 138

TIME	+ 0.0000	+ 0.0010	+ 0.0020	+ 0.0030	+ 0.0040	+ 0.0050	+ 0.0060	+ 0.0070	+ 0.0080	+ 0.0090
18.5000	337.502	324.852	325.864	333.454	332.442	323.334	335.984	320.804	323.334	325.864
18.5100	334.972	323.334	324.852	338.514	337.502	334.972	345.092	334.972	333.454	338.514
18.5200	329.912	325.864	327.382	337.502	335.984	327.382	340.032	332.442	332.442	334.972
18.5300	341.044	337.502	345.092	350.152	335.984	346.104	343.574	333.454	348.634	337.502
18.5400	341.044	338.514	327.382	341.044	330.924	338.514	338.514	335.984	340.032	338.514
18.5500	342.562	335.984	333.454	343.574	337.502	332.442	335.984	325.864	328.394	328.394
18.5600	319.792	322.322	320.804	322.322	334.972	324.852	328.394	333.454	332.442	318.274
18.5700	315.744	315.744	324.852	309.672	308.154	319.792	310.684	317.262	319.792	309.672
18.5800	318.274	307.142	309.672	315.744	309.672	314.732	313.214	313.214	312.202	305.624
18.5900	313.214	299.552	310.684	304.612	312.202	312.202	298.034	302.082	302.082	314.732
18.6000	305.624	304.612	304.612	304.612	304.612	299.552	304.612	310.684	303.094	297.022
18.6100	298.034	295.504	302.082	304.612	309.672	305.624	317.262	318.274	304.612	315.744
18.6200	307.142	312.202	305.624	309.672	305.624	312.202	300.564	309.672	312.202	309.672
18.6300	308.154	305.624	305.624	314.732	323.334	313.214	310.684	304.612	305.624	307.142
18.6400	308.154	310.684	305.624	307.142	304.612	305.624	313.214	307.142	317.262	318.274
18.6500	314.732	317.262	312.202	319.792	317.262	308.154	312.202	320.804	314.732	317.262
18.6600	300.564	320.804	327.382	313.214	322.322	318.274	317.262	323.334	325.864	318.274
18.6700	325.864	327.382	325.864	318.274	319.792	310.684	313.214	312.202	323.334	313.214
18.6800	314.732	317.262	319.792	333.454	320.804	327.382	332.442	322.322	317.262	323.334
18.6900	315.744	312.202	312.202	319.792	315.744	313.214	327.382	322.322	315.744	322.322
18.7000	327.382	322.322	328.394	327.382	310.684	319.792	323.334	307.142	308.154	314.732
18.7100	308.154	305.624	307.142	320.804	320.804	310.684	310.684	314.732	323.334	317.262
18.7200	315.744	312.202	317.262	317.262	300.564	310.684	303.094	300.564	315.744	308.154
18.7300	314.732	312.202	315.744	312.202	309.672	318.274	320.804	303.094	302.082	310.684
18.7400	300.564	299.552	309.672	307.142	299.552	312.202	314.732	315.744	308.154	318.274
18.7500	319.792	313.214	312.202	308.154	305.624	307.142	304.612	308.154	312.202	308.154
18.7600	302.082	308.154	304.612	312.202	324.852	315.744	314.732	323.334	308.154	312.202
18.7700	315.744	304.612	314.732	308.154	305.624	302.082	309.672	302.082	312.202	312.202
18.7800	307.142	314.732	318.274	305.624	318.274	312.202	303.094	314.732	300.564	299.552
18.7900	302.082	305.624	295.504	295.504	294.492	294.492	294.492	308.154	304.612	310.684
18.8000	304.612	299.552	294.492	299.552	300.564	295.504	300.564	299.552	283.360	297.022
18.8100	289.432	294.492	287.914	295.504	285.890	285.890	295.504	291.962	299.552	285.890
18.8200	281.842	281.842	278.300	276.782	286.902	276.782	285.890	273.240	275.770	286.902
18.8300	273.240	284.372	283.360	278.300	281.842	285.890	276.782	279.312	286.902	274.252
18.8400	280.830	271.722	280.830	270.710	273.240	275.770	271.722	271.722	285.890	287.914
18.8500	286.902	281.842	289.432	280.830	285.890	275.770	280.830	279.312	281.842	274.252
18.8600	270.710	279.312	280.830	275.770	283.360	297.022	292.974	289.432	284.372	291.962
18.8700	285.890	279.312	278.300	287.914	275.770	278.300	285.890	287.914	278.300	286.902
18.8800	290.444	280.830	284.372	299.552	294.492	287.914	298.034	283.360	284.372	286.902
18.8900	283.360	285.890	292.974	294.492	280.830	284.372	289.432	287.914	304.612	290.444
18.9000	295.504	302.082	303.094	294.492	298.034	307.142	294.492	294.492	303.094	292.974
18.9100	295.504	302.082	299.552	308.154	304.612	315.744	312.202	309.672	312.202	313.214
18.9200	310.684	312.202	317.262	322.322	313.214	309.672	313.214	312.202	317.262	318.274
18.9300	315.744	325.864	323.334	328.394	329.912	341.044	325.864	327.382	328.394	320.804
18.9400	318.274	319.792	320.804	324.852	325.864	324.852	324.852	340.032	335.984	329.912
18.9500	333.454	330.924	333.454	328.394	330.924	333.454	338.514	338.514	323.334	335.984
18.9600	333.454	335.984	328.394	329.912	329.912	332.442	332.442	346.104	341.044	347.622
18.9700	335.984	332.442	328.394	333.454	335.984	329.912	337.502	338.514	325.864	341.044
18.9800	335.984	341.044	337.502	345.092	348.634	335.984	342.562	328.394	332.442	342.562
18.9900	333.454	338.514	334.972	337.502	340.032	341.044	330.924	332.442	333.454	346.104

TEST M3 FINAL TRANSIENT 2599 (1 ms Data) FM3L CC/S RECORD = 139

TIME	+ 0.0000	+ 0.0010	+ 0.0020	+ 0.0030	+ 0.0040	+ 0.0050	+ 0.0060	+ 0.0070	+ 0.0080	+ 0.0090
16.0000	219.200	218.200	220.600	221.600	220.200	221.200	222.600	225.600	224.000	222.600
16.0100	225.600	221.600	220.600	217.600	217.200	218.200	219.200	219.600	217.600	218.200
16.0200	220.200	220.600	224.600	225.000	222.000	225.000	220.600	222.600	218.600	218.200
16.0300	216.200	214.600	213.200	213.200	214.600	215.200	215.200	219.200	217.200	218.200
16.0400	218.200	218.200	223.000	220.200	220.600	214.200	211.600	216.600	215.600	211.600
16.0500	211.600	215.200	212.600	213.200	216.600	216.600	215.200	218.600	217.600	216.600
16.0600	215.600	217.200	213.600	211.200	212.600	212.200	210.600	209.200	212.600	212.200
16.0700	211.200	215.200	213.200	215.200	217.200	217.600	217.600	217.200	214.600	215.600
16.0800	212.200	211.600	211.600	211.600	212.600	211.600	213.600	214.600	215.600	219.200
16.0900	220.200	218.200	217.600	216.600	217.600	216.200	217.200	214.600	211.200	210.600
16.1000	212.600	212.200	212.200	213.200	213.600	214.600	217.600	217.200	217.200	218.600
16.1100	216.600	214.600	212.600	212.600	210.200	209.200	212.200	211.200	209.200	208.600
16.1200	213.200	214.600	213.600	215.600	214.600	215.200	216.600	215.200	216.200	211.200
16.1300	210.600	207.600	207.200	209.600	207.600	209.200	209.600	209.600	213.600	212.200
16.1400	212.600	217.200	215.600	212.600	211.600	210.200	210.600	209.600	204.600	205.600
16.1500	208.200	208.200	208.200	209.600	208.200	210.200	212.600	212.200	212.600	213.600
16.1600	209.600	209.200	205.600	207.600	204.600	206.600	203.200	206.200	205.600	207.200
16.1700	208.200	206.200	211.200	210.200	209.600	214.200	211.200	209.200	207.200	205.200
16.1800	207.600	204.600	207.200	203.600	203.600	206.600	205.600	209.600	207.600	208.600
16.1900	209.200	213.200	213.600	210.200	210.200	208.600	205.200	207.200	203.200	204.200
16.2000	206.600	205.200	207.600	204.200	210.200	210.600	209.200	209.600	210.200	209.200
16.2100	207.200	207.200	205.600	204.600	205.200	205.200	203.600	205.200	205.200	205.200
16.2200	206.600	208.200	210.200	209.200	213.600	211.600	213.600	212.200	209.200	205.600
16.2300	205.600	208.200	207.200	205.600	207.600	206.200	207.200	211.200	212.600	213.200
16.2400	215.600	213.600	211.600	211.600	212.200	211.200	212.200	207.200	207.200	206.600
16.2500	209.600	213.200	212.600	211.200	213.200	213.600	216.600	217.600	217.600	213.600
16.2600	214.600	216.200	214.200	209.200	211.200	211.600	209.600	208.200	211.200	211.600
16.2700	215.200	217.200	217.600	215.600	218.200	218.600	217.200	214.600	216.200	212.600
16.2800	213.600	212.200	211.200	214.200	213.600	211.200	211.600	214.200	217.200	214.600
16.2900	216.200	218.200	217.200	218.200	217.200	214.200	213.200	213.600	214.600	211.600
16.3000	212.200	214.200	212.600	216.200	217.600	217.200	220.600	218.600	221.200	218.200
16.3100	220.600	218.200	215.200	213.600	215.200	213.600	213.600	215.600	217.600	214.600
16.3200	216.600	216.600	220.600	220.600	221.200	220.600	219.200	219.600	219.600	217.600
16.3300	218.200	214.600	214.600	217.600	213.600	215.600	214.600	216.200	220.200	220.600
16.3400	218.200	218.200	220.600	218.200	217.200	213.600	212.600	214.200	211.600	210.600
16.3500	211.200	212.200	213.200	212.200	215.600	217.600	213.200	215.200	217.600	212.200
16.3600	214.600	213.600	210.200	211.600	208.600	212.600	208.200	210.200	208.600	208.200
16.3700	212.200	212.600	213.600	214.200	215.600	216.600	216.200	216.200	212.600	211.200
16.3800	210.200	209.200	211.200	209.600	209.600	209.200	210.200	213.600	213.200	217.200
16.3900	216.600	216.600	216.200	214.600	215.600	213.600	213.600	213.600	210.200	212.600
16.4000	211.600	211.600	212.200	213.600	215.600	215.200	216.600	219.200	218.200	219.600
16.4100	218.200	216.200	213.200	211.600	212.600	212.200	213.200	213.200	213.200	215.200
16.4200	214.200	218.200	219.600	219.600	218.200	219.600	220.200	216.200	218.200	216.200
16.4300	215.200	213.600	210.600	212.200	213.200	212.600	211.600	212.200	218.200	216.600
16.4400	219.600	219.600	216.600	217.200	218.200	214.600	212.600	210.600	213.200	213.600
16.4500	210.600	214.600	213.200	213.200	217.200	217.600	216.600	217.200	218.200	216.200
16.4600	214.600	217.600	213.600	211.200	209.600	211.600	210.200	210.200	212.200	209.600
16.4700	211.600	216.200	215.600	215.200	217.600	218.200	217.200	214.200	215.600	210.200
16.4800	209.600	212.600	211.600	209.200	209.200	212.200	210.600	211.200	216.200	215.200
16.4900	217.200	214.600	214.600	215.600	215.200	211.200	208.600	208.600	210.200	208.200

TEST M3 FINAL TRANSIENT 2599 (1 ms Data) FM3L CC/S RECORD = 140

TIME	+ 0.0000	+ 0.0010	+ 0.0020	+ 0.0030	+ 0.0040	+ 0.0050	+ 0.0060	+ 0.0070	+ 0.0080	+ 0.0090
16.5000	210.200	209.600	209.600	209.600	213.200	213.600	213.600	217.600	216.600	216.600
16.5100	218.600	216.200	216.200	212.600	211.600	211.600	211.200	212.200	212.200	213.200
16.5200	214.600	215.600	219.600	217.200	219.200	220.600	219.600	219.200	218.600	216.600
16.5300	217.200	213.600	216.200	215.200	214.600	215.200	217.600	218.200	218.200	219.200
16.5400	222.600	223.600	221.200	223.600	223.600	220.600	218.600	220.200	216.200	217.200
16.5500	218.200	216.600	219.200	219.200	220.600	219.600	221.600	225.000	223.000	225.600
16.5600	223.600	221.600	219.600	218.200	218.200	218.600	219.600	221.600	218.600	222.000
16.5700	221.600	221.600	224.600	225.600	227.000	225.600	225.600	226.600	224.000	223.600
16.5800	223.000	221.200	219.600	220.200	222.000	220.600	224.000	225.600	226.000	230.000
16.5900	229.600	229.600	229.600	230.000	229.600	225.600	227.000	224.000	222.600	227.000
16.6000	225.600	224.000	221.600	223.600	227.000	226.000	229.600	230.000	231.600	229.600
16.6100	227.600	228.000	227.000	225.600	223.600	221.200	221.600	220.600	224.000	223.600
16.6200	222.600	227.600	223.600	226.000	225.000	227.600	226.000	226.000	225.000	222.600
16.6300	219.200	218.200	221.600	220.600	219.200	219.600	221.600	222.000	224.000	224.600
16.6400	224.000	224.600	226.600	228.000	226.000	221.600	221.600	219.200	218.600	217.600
16.6500	218.600	223.000	222.000	220.600	222.000	225.600	225.600	225.600	229.600	225.600
16.6600	226.600	224.600	220.600	222.600	222.000	219.600	218.200	219.200	220.600	219.200
16.6700	223.000	223.600	223.600	224.000	225.600	225.000	222.000	224.000	222.600	219.600
16.6800	220.200	218.600	217.600	218.200	217.600	219.600	218.200	220.600	221.600	222.600
16.6900	225.600	225.600	224.000	221.600	221.600	223.000	217.200	220.200	219.600	217.600
16.7000	219.200	219.200	220.600	221.600	223.000	222.600	222.000	226.000	224.000	225.000
16.7100	222.000	221.200	219.600	217.600	216.600	219.200	218.200	216.600	216.200	217.200
16.7200	217.600	218.200	221.200	222.600	221.200	219.600	220.600	220.600	220.600	220.200
16.7300	218.200	217.600	214.600	216.200	215.200	215.200	214.600	218.600	218.200	221.600
16.7400	220.600	222.000	220.200	220.200	222.000	218.200	216.200	217.200	216.200	216.600
16.7500	214.600	217.200	215.200	215.200	218.600	217.600	218.200	222.600	221.600	221.600
16.7600	218.200	219.600	215.600	212.600	213.600	212.200	212.200	210.200	213.200	214.600
16.7700	213.600	217.200	215.200	215.600	218.600	217.200	217.600	215.200	215.600	213.200
16.7800	209.600	212.200	210.200	209.600	211.600	209.600	212.200	210.200	215.200	215.200
16.7900	214.600	217.600	214.600	215.200	212.600	207.600	207.200	208.200	209.200	206.200
16.8000	206.600	210.600	212.600	211.200	212.600	213.600	217.200	215.200	216.200	214.200
16.8100	214.200	210.200	205.200	205.600	201.600	203.200	203.200	202.600	203.200	203.200
16.8200	208.600	206.600	209.200	213.200	215.200	213.200	210.600	209.600	211.600	204.200
16.8300	203.600	206.200	204.600	206.600	207.200	203.200	203.600	203.600	202.600	203.600
16.8400	206.600	207.600	206.600	207.200	207.200	206.600	204.200	203.600	205.200	200.200
16.8500	202.200	199.600	202.200	200.600	202.600	205.600	203.200	205.200	209.200	205.200
16.8600	206.200	203.600	204.200	198.200	197.800	198.200	195.800	196.200	199.600	197.800
16.8700	199.200	200.200	205.200	205.200	206.600	206.600	203.200	202.200	201.200	198.800
16.8800	197.800	197.800	195.200	192.800	196.800	194.200	193.800	198.200	200.600	200.600
16.8900	205.200	204.200	203.200	202.600	205.200	201.200	196.200	195.200	194.200	195.800
16.9000	197.200	197.200	194.800	196.200	199.200	200.200	203.200	205.200	202.600	202.600
16.9100	199.600	198.800	200.200	198.200	197.800	192.800	192.800	196.800	196.800	198.200
16.9200	198.800	198.800	202.200	201.600	205.600	203.200	205.200	201.600	204.600	196.800
16.9300	196.200	195.800	194.200	195.200	196.800	197.200	196.800	198.200	200.600	201.200
16.9400	201.600	204.200	200.200	200.600	200.600	200.600	199.200	197.200	194.800	197.800
16.9500	197.200	197.200	197.200	199.600	201.200	200.600	204.600	204.200	203.200	204.600
16.9600	203.200	200.600	197.800	196.200	195.200	194.200	197.800	196.200	194.800	198.200
16.9700	196.800	196.800	197.800	199.600	199.200	199.600	201.600	199.200	197.200	198.200
16.9800	197.800	194.200	193.200	196.200	194.800	195.800	202.200	202.200	200.200	201.200
16.9900	205.200	207.600	206.600	207.600	205.200	200.600	201.600	203.200	200.600	197.200

TEST M3 FINAL TRANSIENT 2599 (1 ms Data) FM3L CC/S RECORD = 141

TIME	+ 0.0000	+ 0.0010	+ 0.0020	+ 0.0030	+ 0.0040	+ 0.0050	+ 0.0060	+ 0.0070	+ 0.0080	+ 0.0090
17.0000	188.800	185.800	191.800	197.800	197.200	199.200	198.800	203.200	204.200	209.600
17.0100	205.600	206.200	199.200	198.200	193.200	192.800	193.800	192.800	194.200	192.200
17.0200	195.800	197.800	201.200	202.600	203.600	201.200	200.200	202.600	197.800	193.800
17.0300	195.800	194.200	193.800	197.800	195.200	198.200	195.200	202.200	202.600	203.200
17.0400	204.200	199.600	200.600	199.600	197.200	198.200	195.200	191.200	190.800	192.200
17.0500	196.800	195.800	197.800	195.800	199.200	198.800	200.200	203.600	203.600	200.200
17.0600	202.600	199.600	196.800	196.200	197.800	196.800	192.200	195.800	192.800	192.800
17.0700	197.200	197.800	195.800	196.800	202.200	201.600	203.600	204.600	199.200	198.200
17.0800	197.200	193.800	197.200	195.800	194.800	193.200	195.800	200.200	206.200	207.200
17.0900	203.600	202.600	200.200	196.800	201.600	197.800	195.800	195.800	196.200	197.200
17.1000	201.200	198.800	202.600	199.200	203.200	202.200	204.200	207.200	205.600	205.600
17.1100	205.600	202.600	200.200	200.200	199.600	199.600	201.200	200.200	201.600	204.600
17.1200	203.600	206.600	208.200	211.200	212.600	209.200	213.200	210.200	208.200	205.600
17.1300	202.600	202.200	203.200	202.200	205.200	206.200	206.200	208.600	211.600	214.200
17.1400	213.200	215.600	215.600	212.600	214.600	210.600	208.200	205.600	208.600	208.600
17.1500	206.600	211.200	209.600	208.600	212.200	212.600	213.200	213.600	216.200	211.600
17.1600	210.600	212.200	206.200	205.200	204.200	205.200	207.200	206.600	205.600	205.600
17.1700	209.200	207.600	208.200	211.600	209.600	209.600	212.200	210.600	207.200	203.600
17.1800	205.200	204.200	201.600	206.200	203.600	206.200	203.200	207.200	208.600	209.200
17.1900	208.600	208.600	209.200	209.600	208.200	205.200	203.600	203.600	205.600	204.200
17.2000	205.200	207.600	204.600	206.600	210.200	209.200	209.600	212.200	215.200	212.200
17.2100	209.200	211.200	208.200	208.600	206.600	210.600	206.600	205.200	207.200	208.200
17.2200	212.200	211.200	215.200	211.600	213.600	216.200	213.600	215.600	215.600	209.600
17.2300	208.600	207.600	211.600	210.600	212.200	212.200	211.600	212.600	214.200	217.200
17.2400	218.600	219.600	220.600	217.600	217.600	217.200	214.200	213.600	214.200	212.600
17.2500	212.200	213.200	216.200	217.600	218.200	219.600	217.600	221.600	221.200	219.200
17.2600	218.600	217.600	215.600	212.600	214.600	212.600	212.200	215.200	213.200	213.600
17.2700	213.200	214.200	218.200	216.200	221.600	219.200	216.200	215.200	213.600	213.200
17.2800	210.600	212.600	209.600	212.600	214.200	212.200	212.200	217.200	215.600	219.600
17.2900	219.600	220.600	217.600	215.600	213.600	213.600	214.200	211.600	212.600	213.200
17.3000	212.200	210.600	213.200	212.200	216.600	218.600	217.600	220.200	220.600	219.600
17.3100	216.200	220.200	215.600	215.200	214.200	211.600	214.200	215.600	213.600	215.200
17.3200	217.600	218.200	219.200	223.000	221.600	221.200	225.600	224.000	219.600	216.200
17.3300	219.600	219.600	217.600	221.600	217.600	219.200	223.000	223.600	223.000	223.600
17.3400	228.000	226.000	225.000	227.600	223.000	220.200	225.600	223.000	222.000	219.600
17.3500	224.000	222.600	220.600	227.000	224.000	227.000	225.600	229.600	229.600	229.000
17.3600	231.600	226.600	224.000	227.000	222.600	225.600	222.600	226.000	223.000	223.600
17.3700	228.600	227.000	227.600	233.000	229.600	233.000	229.000	230.600	227.000	228.600
17.3800	226.000	224.600	223.000	224.000	228.000	228.000	224.000	227.600	226.600	229.000
17.3900	233.600	234.600	231.000	228.000	230.000	228.000	227.600	225.000	223.000	224.000
17.4000	226.000	227.600	226.600	229.600	228.600	229.600	228.000	230.000	230.600	229.600
17.4100	230.000	228.600	224.600	225.600	226.000	226.600	223.600	223.600	223.000	225.600
17.4200	226.600	226.600	231.000	230.000	230.000	233.000	229.000	230.600	227.000	227.000
17.4300	224.000	223.600	223.000	223.600	224.000	222.600	225.600	227.000	226.600	229.000
17.4400	229.000	229.000	230.000	229.000	228.600	224.600	224.000	223.600	223.000	224.600
17.4500	224.000	223.000	221.600	223.000	226.600	226.000	229.000	229.600	229.000	230.600
17.4600	228.600	227.000	224.600	225.000	223.600	222.000	224.000	223.000	222.600	226.600
17.4700	227.600	226.000	226.600	227.600	228.000	228.600	230.000	229.000	225.600	226.600
17.4800	222.600	224.600	220.600	225.000	224.600	225.600	224.600	224.600	228.600	229.600
17.4900	229.600	232.000	228.000	226.600	228.000	224.000	225.600	221.200	221.600	221.200

TEST M3 FINAL TRANSIENT 2599 (1 ms Data) FM3L CC/S RECORD = 142

TIME	+ 0.0000	+ 0.0010	+ 0.0020	+ 0.0030	+ 0.0040	+ 0.0050	+ 0.0060	+ 0.0070	+ 0.0080	+ 0.0090
17.5000	221.200	224.600	221.200	221.600	226.000	226.600	226.600	227.000	227.000	229.600
17.5100	225.000	224.000	219.200	221.600	220.200	217.600	218.200	219.600	218.600	217.600
17.5200	223.000	222.600	222.600	223.000	226.000	223.600	222.000	221.600	223.600	219.200
17.5300	219.200	218.200	216.200	218.600	220.200	217.200	215.200	218.600	220.600	220.200
17.5400	224.000	224.000	220.600	223.000	221.600	215.600	213.600	216.600	214.600	214.600
17.5500	216.200	215.600	213.600	215.600	219.200	217.600	218.200	220.200	221.200	218.200
17.5600	220.600	220.600	214.600	212.200	215.600	214.200	211.600	216.200	215.200	214.200
17.5700	219.600	218.600	218.200	218.600	218.200	223.000	219.200	222.000	216.200	214.200
17.5800	215.600	214.200	215.200	214.200	214.200	213.600	214.200	219.200	217.600	219.200
17.5900	217.200	220.600	219.600	219.200	220.600	215.600	214.200	212.600	213.600	215.600
17.6000	214.600	214.600	215.200	218.600	215.600	217.200	219.600	218.600	219.600	220.200
17.6100	218.600	219.200	217.600	215.200	216.600	214.200	217.600	214.600	214.600	217.600
17.6200	217.200	222.000	220.200	219.600	224.000	220.600	219.200	224.600	221.600	220.600
17.6300	215.200	219.200	215.600	214.200	217.200	215.200	218.200	217.600	222.000	224.600
17.6400	223.600	226.600	222.000	222.000	223.600	220.200	220.600	218.200	220.600	220.600
17.6500	216.600	220.600	218.200	219.200	223.000	223.000	227.600	224.600	228.600	226.000
17.6600	226.600	226.600	221.600	221.200	224.000	222.600	223.600	221.600	222.000	222.000
17.6700	223.000	224.000	228.600	226.600	229.600	228.000	229.600	228.600	228.600	227.000
17.6800	226.600	224.000	223.600	224.600	223.000	222.000	223.600	227.000	229.600	225.600
17.6900	230.600	228.600	227.600	230.600	226.600	224.000	223.000	222.000	224.000	221.600
17.7000	223.000	221.200	223.600	223.600	226.000	229.600	229.000	226.600	231.600	226.600
17.7100	228.600	228.000	225.600	221.600	220.200	222.000	219.600	219.600	223.600	220.600
17.7200	225.000	224.600	224.000	225.600	227.600	228.600	224.600	226.600	221.600	218.200
17.7300	221.600	220.600	219.600	221.600	218.200	221.600	218.600	224.000	224.000	223.600
17.7400	225.600	224.000	223.000	223.600	222.600	222.600	219.600	220.600	218.200	217.200
17.7500	218.600	219.600	222.000	221.200	221.200	225.600	222.600	227.000	224.000	223.000
17.7600	221.600	220.600	221.200	218.600	221.200	218.200	216.600	220.200	216.600	216.600
17.7700	219.600	217.600	223.600	222.600	222.600	225.600	220.200	221.600	218.200	217.200
17.7800	216.200	214.200	215.600	214.200	214.200	213.200	215.600	218.200	217.600	218.200
17.7900	218.200	218.200	217.200	218.200	215.200	211.600	215.200	212.600	211.200	211.600
17.8000	209.600	213.200	213.600	214.600	216.600	213.600	217.600	215.200	215.200	216.200
17.8100	214.200	215.200	210.600	212.200	213.200	211.600	212.600	212.600	209.600	212.600
17.8200	212.600	216.600	217.200	216.600	220.600	219.600	216.600	215.600	216.200	214.600
17.8300	212.600	214.600	212.600	211.600	214.200	214.600	214.200	215.600	217.600	217.600
17.8400	218.200	221.600	222.000	219.200	218.200	218.600	216.200	214.600	217.600	215.600
17.8500	214.600	218.600	215.600	216.200	220.200	220.600	222.600	222.600	226.000	223.000
17.8600	221.600	224.000	218.600	217.600	217.200	218.600	221.600	219.600	220.200	221.600
17.8700	225.000	226.600	224.000	225.000	227.000	229.600	226.600	228.000	226.000	223.600
17.8800	222.000	221.200	221.600	223.000	220.600	222.000	222.600	225.000	227.600	228.600
17.8900	229.600	230.000	229.600	230.600	227.000	227.000	226.000	223.600	223.600	225.000
17.9000	224.000	223.000	226.000	227.000	227.600	231.000	230.600	231.000	233.000	231.000
17.9100	230.000	229.000	228.600	226.600	227.000	228.000	224.600	226.600	224.600	227.600
17.9200	228.600	229.000	229.600	229.000	233.000	231.600	229.600	231.000	228.600	225.600
17.9300	226.600	224.600	223.000	220.600	225.600	224.600	223.600	227.600	226.000	229.000
17.9400	230.000	229.600	226.000	224.600	226.000	220.600	218.600	223.000	221.600	219.600
17.9500	217.200	221.200	219.600	219.600	220.600	220.600	223.000	225.600	224.600	227.000
17.9600	223.600	220.600	223.600	220.600	220.200	219.200	218.200	221.200	220.200	217.600
17.9700	222.000	223.000	224.600	222.600	224.000	225.600	224.000	224.600	218.600	221.200
17.9800	219.600	216.600	218.600	215.200	217.600	218.200	219.200	219.200	218.200	219.600
17.9900	221.600	224.000	223.000	219.200	219.200	216.600	217.600	215.200	214.200	217.600

TEST M3 FINAL TRANSIENT 2599 (1 ms Data) FM3L CC/S RECORD = 143

TIME	+ 0.0000	+ 0.0010	+ 0.0020	+ 0.0030	+ 0.0040	+ 0.0050	+ 0.0060	+ 0.0070	+ 0.0080	+ 0.0090
18.0000	217.200	214.200	214.200	215.200	217.200	217.200	221.200	221.600	219.200	217.600
18.0100	219.600	217.200	214.600	215.200	214.600	211.200	215.600	214.200	213.200	215.600
18.0200	217.600	215.600	215.600	219.600	217.200	217.200	220.600	218.600	213.600	210.600
18.0300	213.600	211.600	209.600	213.600	210.200	211.600	215.600	214.600	215.200	215.600
18.0400	219.600	217.200	215.600	218.200	213.600	211.200	214.200	211.600	210.200	211.200
18.0500	211.600	210.200	208.600	214.200	211.600	213.200	214.600	213.600	215.200	215.600
18.0600	213.600	210.200	210.200	207.600	210.200	205.600	205.200	206.200	205.600	207.600
18.0700	206.200	209.600	210.600	209.600	213.600	209.600	211.200	209.600	208.600	207.200
18.0800	203.600	206.200	208.200	203.600	206.600	207.600	206.200	210.200	205.200	212.600
18.0900	210.200	210.200	213.600	207.600	207.600	207.600	204.200	205.600	206.200	202.600
18.1000	202.600	202.200	205.600	203.200	207.600	207.600	207.200	207.600	208.200	208.600
18.1100	207.600	208.200	207.600	202.200	203.200	202.600	202.200	203.600	204.600	204.600
18.1200	205.200	207.200	210.600	210.600	213.200	212.600	211.200	209.600	208.600	208.200
18.1300	207.600	208.200	208.200	206.600	212.200	209.600	209.600	214.600	214.200	214.200
18.1400	214.200	216.200	218.200	215.600	217.200	214.600	212.200	210.200	209.600	212.600
18.1500	211.600	214.600	212.200	213.200	214.200	215.200	218.600	218.600	218.600	220.200
18.1600	216.600	215.200	214.600	215.600	211.600	212.200	211.600	210.200	212.600	215.200
18.1700	216.200	219.600	218.600	220.600	220.600	218.600	218.600	218.200	216.200	211.600
18.1800	215.200	214.200	214.200	213.200	212.200	213.200	212.200	216.200	217.200	215.600
18.1900	216.200	218.600	218.600	215.200	214.200	214.200	212.600	211.200	211.600	209.200
18.2000	209.600	214.200	214.600	212.600	213.200	218.200	215.600	216.600	219.600	216.200
18.2100	219.200	215.600	212.200	214.600	211.600	212.600	214.200	214.600	211.200	212.600
18.2200	212.600	215.200	217.200	220.200	217.200	217.600	217.600	215.600	214.600	211.600
18.2300	213.200	210.200	213.200	212.200	213.600	215.200	213.200	215.600	220.200	217.200
18.2400	217.200	217.600	217.600	222.600	217.600	219.200	213.600	217.200	214.200	213.600
18.2500	215.200	216.200	218.600	220.200	219.200	221.600	220.200	221.600	222.000	220.200
18.2600	217.600	221.200	216.200	217.200	215.600	212.600	213.200	214.600	215.600	215.600
18.2700	218.200	218.200	221.600	218.200	220.600	223.600	220.600	221.600	217.200	217.600
18.2800	216.200	213.600	218.200	216.600	216.200	214.600	217.600	219.600	220.200	222.600
18.2900	219.600	221.600	224.000	220.600	222.600	219.200	217.200	215.600	216.200	217.200
18.3000	216.600	218.600	220.200	217.200	222.600	220.600	221.200	224.000	223.000	220.600
18.3100	219.200	218.600	218.600	215.200	217.600	216.200	213.600	213.600	212.600	215.200
18.3200	216.200	218.600	219.200	218.600	222.600	220.200	218.200	217.600	216.200	214.200
18.3300	211.200	213.200	212.600	210.600	215.200	213.600	215.600	212.600	213.200	215.200
18.3400	216.200	218.200	216.600	213.200	211.200	210.200	209.600	209.600	209.600	207.600
18.3500	208.200	208.200	204.200	206.200	207.600	210.200	211.200	208.200	210.600	207.600
18.3600	206.600	204.200	202.200	201.600	198.800	201.600	200.200	201.200	202.200	199.600
18.3700	202.200	205.600	205.200	207.600	208.200	205.200	203.600	203.600	203.600	199.600
18.3800	199.200	199.600	197.200	200.200	196.800	196.800	202.200	202.600	201.200	203.600
18.3900	202.600	204.200	205.200	204.600	201.200	199.600	198.200	196.200	199.200	197.800
18.4000	195.200	196.800	199.200	198.800	203.600	199.600	202.200	203.200	204.200	201.200
18.4100	203.200	200.600	197.800	200.600	197.200	195.200	195.800	200.600	200.200	199.200
18.4200	199.600	200.600	202.600	205.200	204.200	208.200	203.600	205.200	200.600	202.200
18.4300	202.200	200.600	205.200	198.800	201.200	202.600	202.600	207.200	206.200	210.200
18.4400	209.200	207.600	207.600	207.200	207.600	206.200	201.200	203.200	204.600	203.200
18.4500	205.600	203.200	206.200	206.600	211.200	210.200	211.200	214.600	210.600	210.200
18.4600	213.200	208.600	205.200	207.200	205.600	202.600	205.200	205.600	209.200	208.600
18.4700	208.600	208.600	212.600	214.200	211.600	210.200	213.600	211.600	209.600	211.600
18.4800	205.600	206.600	209.200	208.600	210.200	208.200	210.600	211.200	212.600	216.200
18.4900	213.600	215.200	217.200	217.200	211.600	210.200	210.200	209.600	210.200	210.200

TEST M3 FINAL TRANSIENT 2599 (1 ms Data) FM3L CC/S RECORD = 144

TIME	+ 0.0000	+ 0.0010	+ 0.0020	+ 0.0030	+ 0.0040	+ 0.0050	+ 0.0060	+ 0.0070	+ 0.0080	+ 0.0090
18.5000	208.200	211.200	211.600	211.200	215.600	215.200	213.600	214.200	214.600	216.200
18.5100	214.600	214.200	210.600	208.600	211.600	209.600	208.600	207.600	209.600	211.200
18.5200	210.200	213.600	213.200	213.600	217.600	216.600	213.600	212.200	212.200	210.600
18.5300	210.600	211.600	208.200	209.200	208.600	209.200	214.200	215.600	213.600	214.200
18.5400	216.200	219.200	215.200	215.200	214.200	213.600	211.200	210.200	211.600	212.200
18.5500	213.200	210.600	213.200	213.600	213.600	217.600	216.200	218.200	220.600	217.200
18.5600	216.600	217.200	215.600	214.600	213.600	212.600	214.200	211.600	213.200	214.200
18.5700	219.200	214.600	217.200	221.600	219.600	219.200	220.200	216.600	214.600	211.600
18.5800	211.200	211.600	214.600	213.200	211.600	215.200	210.600	212.200	218.600	216.200
18.5900	217.600	218.200	215.200	215.200	216.200	209.600	209.600	212.200	208.600	210.200
18.6000	207.200	208.600	210.600	210.600	210.200	215.200	214.200	213.600	213.600	214.200
18.6100	214.600	210.200	210.200	206.200	208.200	206.600	206.200	207.200	205.200	205.600
18.6200	208.200	211.200	214.200	210.200	212.200	213.200	212.600	210.200	207.600	210.200
18.6300	209.200	204.200	206.200	203.200	206.600	207.600	203.600	210.600	209.600	213.200
18.6400	212.600	210.200	208.200	207.200	207.200	202.200	207.600	202.600	205.200	205.600
18.6500	205.200	202.600	208.600	205.600	206.600	208.200	206.200	207.200	213.600	208.200
18.6600	207.600	205.600	204.200	202.200	201.200	200.600	202.600	203.200	201.600	203.200
18.6700	203.200	203.600	207.600	207.600	209.200	207.600	210.600	204.200	202.600	204.200
18.6800	200.200	201.600	201.200	200.200	203.200	202.200	202.600	204.600	205.600	207.600
18.6900	205.600	211.600	208.200	207.600	210.600	207.600	203.200	202.200	206.200	203.600
18.7000	204.600	206.200	203.200	206.600	208.600	208.600	210.600	211.600	215.200	209.200
18.7100	209.200	211.200	206.200	207.200	205.600	205.200	209.200	207.600	206.200	208.200
18.7200	209.600	212.200	209.200	209.600	208.600	208.600	213.200	211.200	205.600	203.200
18.7300	202.200	202.600	204.600	206.600	202.200	203.600	204.200	204.600	208.600	206.200
18.7400	209.200	209.200	206.600	208.600	205.200	205.600	201.200	199.600	199.200	199.600
18.7500	201.600	202.200	204.600	203.200	205.200	207.600	208.600	206.600	209.600	205.600
18.7600	204.600	204.600	203.200	201.200	202.200	202.600	200.600	203.200	200.600	202.200
18.7700	208.600	206.600	207.200	211.600	208.600	212.200	210.600	211.200	206.600	205.600
18.7800	207.600	202.200	202.600	201.200	203.200	204.200	208.200	206.200	205.600	211.200
18.7900	209.600	211.600	212.600	208.200	207.600	206.600	203.600	206.200	205.600	201.600
18.8000	206.200	202.200	205.200	204.200	208.200	207.600	207.200	207.600	208.600	208.600
18.8100	208.200	208.200	207.200	202.200	203.600	203.200	205.600	203.600	204.200	203.200
18.8200	204.200	206.200	209.600	209.200	211.600	209.600	209.600	211.600	207.200	206.200
18.8300	205.200	202.600	205.600	203.600	205.600	202.600	207.200	208.200	208.200	207.600
18.8400	209.200	211.600	211.200	208.600	209.600	205.600	206.200	205.600	204.200	207.600
18.8500	205.600	208.200	201.600	211.600	210.200	210.200	213.600	213.200	216.200	212.200
18.8600	214.600	211.600	208.200	210.200	209.600	207.200	211.600	209.600	209.200	211.200
18.8700	211.600	216.600	216.200	215.200	215.200	217.600	217.200	215.200	214.600	211.600
18.8800	210.600	214.200	211.600	211.600	216.600	215.600	213.600	215.600	219.200	218.600
18.8900	220.600	222.000	218.600	217.200	218.200	216.600	217.600	216.200	213.200	212.200
18.9000	216.200	213.600	212.600	217.600	216.200	218.200	222.000	220.600	219.600	219.600
18.9100	221.200	217.600	213.200	216.600	210.600	210.200	216.600	211.600	212.600	213.600
18.9200	213.600	214.600	216.600	217.200	217.200	221.200	218.200	217.600	215.600	209.600
18.9300	212.200	209.600	208.600	209.600	212.200	211.600	212.200	215.200	216.200	216.200
18.9400	216.600	216.200	216.200	215.200	213.200	212.600	210.200	209.200	209.200	210.200
18.9500	211.600	208.600	211.600	210.200	210.600	215.600	213.200	215.600	214.200	213.200
18.9600	215.600	213.200	211.600	208.200	207.200	208.600	207.600	210.200	210.600	207.200
18.9700	212.200	209.600	213.200	211.200	214.600	213.600	211.200	209.600	207.600	206.600
18.9800	206.200	206.600	207.200	204.200	208.200	203.600	205.200	209.600	210.600	208.600
18.9900	209.200	209.600	211.600	210.200	208.200	205.600	204.600	204.200	202.600	204.200

TEST M3 FINAL TRANSIENT 2599 (1 ms Data) PT1L MPA RECORD = 145

TIME	+ 0.0000	+ 0.0010	+ 0.0020	+ 0.0030	+ 0.0040	+ 0.0050	+ 0.0060	+ 0.0070	+ 0.0080	+ 0.0090
16.0000	0.534	0.516	0.519	0.534	0.548	0.541	0.534	0.546	0.543	0.541
16.0100	0.550	0.543	0.524	0.521	0.541	0.534	0.519	0.543	0.521	0.524
16.0200	0.536	0.526	0.531	0.539	0.546	0.534	0.531	0.543	0.539	0.526
16.0300	0.534	0.543	0.526	0.519	0.536	0.534	0.526	0.548	0.543	0.534
16.0400	0.539	0.534	0.539	0.550	0.543	0.526	0.546	0.519	0.543	0.524
16.0500	0.539	0.529	0.536	0.524	0.531	0.541	0.526	0.539	0.539	0.548
16.0600	0.541	0.546	0.536	0.531	0.546	0.526	0.516	0.526	0.534	0.531
16.0700	0.529	0.536	0.539	0.534	0.548	0.548	0.531	0.543	0.546	0.526
16.0800	0.536	0.543	0.534	0.521	0.529	0.524	0.521	0.531	0.539	0.534
16.0900	0.550	0.550	0.526	0.534	0.548	0.543	0.526	0.539	0.539	0.531
16.1000	0.534	0.539	0.536	0.526	0.534	0.531	0.526	0.539	0.553	0.539
16.1100	0.548	0.550	0.543	0.529	0.534	0.536	0.524	0.534	0.536	0.524
16.1200	0.546	0.536	0.529	0.531	0.543	0.534	0.541	0.548	0.531	0.536
16.1300	0.543	0.541	0.524	0.524	0.526	0.524	0.534	0.526	0.526	0.529
16.1400	0.546	0.536	0.550	0.550	0.529	0.546	0.546	0.526	0.526	0.534
16.1500	0.539	0.529	0.550	0.546	0.526	0.546	0.524	0.541	0.539	0.546
16.1600	0.534	0.543	0.531	0.534	0.539	0.536	0.526	0.524	0.531	0.529
16.1700	0.529	0.536	0.534	0.541	0.546	0.534	0.546	0.546	0.541	0.534
16.1800	0.531	0.524	0.536	0.519	0.519	0.534	0.526	0.526	0.531	0.546
16.1900	0.546	0.536	0.550	0.541	0.534	0.539	0.529	0.526	0.521	0.541
16.2000	0.526	0.524	0.539	0.536	0.529	0.548	0.541	0.546	0.531	0.550
16.2100	0.536	0.534	0.543	0.546	0.531	0.529	0.536	0.521	0.524	0.541
16.2200	0.536	0.531	0.543	0.529	0.553	0.541	0.550	0.541	0.529	0.529
16.2300	0.526	0.529	0.531	0.536	0.534	0.531	0.529	0.534	0.541	0.539
16.2400	0.548	0.550	0.541	0.534	0.546	0.531	0.539	0.536	0.521	0.531
16.2500	0.529	0.534	0.521	0.526	0.543	0.536	0.531	0.529	0.555	0.543
16.2600	0.531	0.529	0.539	0.534	0.526	0.526	0.539	0.519	0.516	0.539
16.2700	0.539	0.526	0.550	0.550	0.541	0.550	0.548	0.529	0.531	0.534
16.2800	0.541	0.536	0.521	0.521	0.536	0.531	0.539	0.526	0.548	0.529
16.2900	0.536	0.546	0.555	0.529	0.543	0.543	0.541	0.524	0.543	0.519
16.3000	0.524	0.531	0.521	0.526	0.539	0.539	0.534	0.531	0.546	0.529
16.3100	0.529	0.536	0.548	0.541	0.536	0.541	0.531	0.521	0.543	0.521
16.3200	0.539	0.526	0.548	0.553	0.536	0.555	0.546	0.529	0.543	0.553
16.3300	0.543	0.526	0.524	0.519	0.519	0.519	0.531	0.536	0.531	0.553
16.3400	0.548	0.529	0.553	0.553	0.534	0.524	0.529	0.543	0.536	0.524
16.3500	0.526	0.524	0.536	0.529	0.543	0.526	0.536	0.543	0.534	0.539
16.3600	0.555	0.526	0.539	0.536	0.524	0.539	0.541	0.536	0.531	0.536
16.3700	0.531	0.548	0.546	0.531	0.548	0.543	0.536	0.550	0.546	0.534
16.3800	0.534	0.536	0.519	0.521	0.541	0.531	0.529	0.539	0.539	0.531
16.3900	0.539	0.539	0.548	0.536	0.550	0.541	0.531	0.546	0.539	0.521
16.4000	0.531	0.541	0.536	0.526	0.539	0.529	0.531	0.541	0.546	0.534
16.4100	0.550	0.548	0.536	0.529	0.541	0.539	0.534	0.539	0.524	0.529
16.4200	0.536	0.531	0.526	0.536	0.524	0.529	0.529	0.526	0.553	0.548
16.4300	0.543	0.539	0.531	0.543	0.536	0.534	0.534	0.521	0.529	0.536
16.4400	0.536	0.563	0.526	0.541	0.526	0.531	0.526	0.524	0.526	0.531
16.4500	0.529	0.521	0.534	0.546	0.536	0.555	0.553	0.529	0.534	0.541
16.4600	0.534	0.536	0.548	0.548	0.524	0.539	0.536	0.536	0.524	0.541
16.4700	0.526	0.529	0.543	0.550	0.539	0.555	0.543	0.536	0.529	0.536
16.4800	0.543	0.531	0.543	0.541	0.519	0.541	0.536	0.543	0.534	0.548
16.4900	0.548	0.529	0.555	0.531	0.550	0.550	0.539	0.529	0.536	0.536

TEST M3 FINAL TRANSIENT 2599 (1 ms Data) PT1L MPA RECORD = 146

TIME	+ 0.0000	+ 0.0010	+ 0.0020	+ 0.0030	+ 0.0040	+ 0.0050	+ 0.0060	+ 0.0070	+ 0.0080	+ 0.0090
16.5000	0.524	0.526	0.531	0.541	0.539	0.546	0.529	0.531	0.541	0.531
16.5100	0.529	0.539	0.531	0.536	0.524	0.524	0.519	0.524	0.531	0.546
16.5200	0.529	0.536	0.541	0.541	0.529	0.548	0.536	0.526	0.534	0.546
16.5300	0.543	0.539	0.541	0.531	0.536	0.546	0.524	0.521	0.529	0.546
16.5400	0.541	0.546	0.543	0.548	0.543	0.539	0.529	0.550	0.539	0.524
16.5500	0.534	0.519	0.521	0.524	0.553	0.543	0.536	0.546	0.541	0.536
16.5600	0.541	0.536	0.546	0.524	0.548	0.534	0.524	0.536	0.543	0.526
16.5700	0.534	0.541	0.543	0.534	0.546	0.531	0.536	0.543	0.534	0.534
16.5800	0.539	0.539	0.534	0.524	0.534	0.516	0.531	0.536	0.531	0.531
16.5900	0.543	0.553	0.546	0.534	0.543	0.529	0.526	0.531	0.536	0.526
16.6000	0.539	0.536	0.534	0.529	0.548	0.546	0.534	0.546	0.536	0.553
16.6100	0.534	0.531	0.539	0.548	0.539	0.529	0.536	0.514	0.526	0.534
16.6200	0.541	0.524	0.536	0.536	0.536	0.526	0.531	0.531	0.550	0.539
16.6300	0.519	0.534	0.534	0.536	0.529	0.521	0.543	0.534	0.541	0.536
16.6400	0.536	0.546	0.529	0.534	0.531	0.546	0.539	0.546	0.541	0.534
16.6500	0.539	0.529	0.539	0.550	0.531	0.548	0.543	0.548	0.536	0.539
16.6600	0.546	0.541	0.548	0.526	0.541	0.548	0.534	0.521	0.536	0.541
16.6700	0.531	0.539	0.541	0.546	0.546	0.550	0.534	0.536	0.541	0.524
16.6800	0.524	0.536	0.541	0.534	0.516	0.531	0.519	0.526	0.541	0.546
16.6900	0.536	0.550	0.550	0.541	0.534	0.534	0.526	0.550	0.529	0.521
16.7000	0.539	0.516	0.519	0.536	0.548	0.541	0.534	0.531	0.539	0.548
16.7100	0.543	0.546	0.529	0.524	0.529	0.531	0.543	0.541	0.536	0.524
16.7200	0.526	0.529	0.550	0.553	0.560	0.534	0.548	0.541	0.543	0.529
16.7300	0.529	0.546	0.524	0.526	0.539	0.541	0.526	0.531	0.550	0.541
16.7400	0.543	0.534	0.539	0.541	0.548	0.543	0.531	0.524	0.536	0.524
16.7500	0.521	0.543	0.546	0.529	0.546	0.541	0.548	0.539	0.548	0.539
16.7600	0.526	0.550	0.548	0.543	0.541	0.539	0.524	0.514	0.536	0.529
16.7700	0.529	0.555	0.529	0.534	0.550	0.531	0.531	0.531	0.550	0.529
16.7800	0.536	0.543	0.536	0.534	0.529	0.526	0.529	0.529	0.550	0.536
16.7900	0.541	0.560	0.546	0.531	0.546	0.546	0.543	0.529	0.536	0.519
16.8000	0.524	0.516	0.539	0.546	0.526	0.534	0.529	0.541	0.560	0.550
16.8100	0.558	0.558	0.536	0.539	0.536	0.543	0.534	0.534	0.526	0.514
16.8200	0.531	0.521	0.553	0.546	0.526	0.539	0.546	0.536	0.541	0.541
16.8300	0.529	0.521	0.521	0.543	0.541	0.526	0.531	0.550	0.548	0.546
16.8400	0.534	0.529	0.536	0.541	0.541	0.543	0.519	0.539	0.534	0.539
16.8500	0.529	0.529	0.539	0.546	0.534	0.548	0.546	0.536	0.534	0.543
16.8600	0.536	0.534	0.553	0.529	0.531	0.541	0.531	0.536	0.529	0.534
16.8700	0.536	0.529	0.543	0.541	0.536	0.548	0.553	0.553	0.534	0.536
16.8800	0.550	0.548	0.548	0.536	0.541	0.536	0.539	0.531	0.539	0.526
16.8900	0.531	0.541	0.550	0.543	0.543	0.543	0.548	0.543	0.529	0.529
16.9000	0.526	0.539	0.543	0.524	0.541	0.543	0.536	0.550	0.550	0.539
16.9100	0.546	0.541	0.543	0.548	0.541	0.529	0.534	0.521	0.526	0.526
16.9200	0.534	0.531	0.541	0.531	0.543	0.539	0.531	0.539	0.534	0.550
16.9300	0.546	0.529	0.546	0.536	0.529	0.539	0.546	0.543	0.539	0.555
16.9400	0.548	0.550	0.543	0.546	0.539	0.548	0.546	0.536	0.539	0.526
16.9500	0.531	0.539	0.536	0.529	0.536	0.539	0.529	0.541	0.553	0.539
16.9600	0.553	0.550	0.534	0.534	0.539	0.541	0.531	0.539	0.543	0.531
16.9700	0.543	0.546	0.550	0.541	0.543	0.541	0.534	0.541	0.550	0.539
16.9800	0.546	0.541	0.521	0.521	0.536	0.539	0.524	0.541	0.539	0.526
16.9900	0.543	0.543	0.541	0.539	0.536	0.548	0.560	0.558	0.529	0.526

TEST M3 FINAL TRANSIENT 2599 (1 ms Data) PT1L MPA RECORD = 147

TIME	+ 0.0000	+ 0.0010	+ 0.0020	+ 0.0030	+ 0.0040	+ 0.0050	+ 0.0060	+ 0.0070	+ 0.0080	+ 0.0090
17.0000	0.536	0.541	0.543	0.524	0.526	0.516	0.529	0.541	0.531	0.543
17.0100	0.529	0.553	0.555	0.558	0.543	0.534	0.531	0.541	0.521	0.524
17.0200	0.543	0.531	0.546	0.543	0.539	0.553	0.543	0.558	0.553	0.543
17.0300	0.546	0.539	0.526	0.521	0.529	0.519	0.524	0.548	0.546	0.539
17.0400	0.558	0.548	0.541	0.553	0.543	0.539	0.539	0.536	0.529	0.526
17.0500	0.529	0.521	0.541	0.524	0.531	0.536	0.548	0.534	0.550	0.541
17.0600	0.536	0.546	0.546	0.546	0.548	0.539	0.536	0.529	0.536	0.539
17.0700	0.534	0.543	0.546	0.529	0.531	0.539	0.536	0.550	0.546	0.539
17.0800	0.536	0.541	0.529	0.526	0.539	0.526	0.526	0.539	0.536	0.563
17.0900	0.541	0.541	0.555	0.546	0.541	0.546	0.541	0.536	0.521	0.531
17.1000	0.526	0.524	0.526	0.529	0.546	0.550	0.553	0.558	0.548	0.543
17.1100	0.541	0.534	0.524	0.529	0.524	0.524	0.543	0.516	0.531	0.531
17.1200	0.541	0.534	0.539	0.550	0.531	0.536	0.553	0.546	0.543	0.543
17.1300	0.534	0.534	0.539	0.539	0.529	0.536	0.541	0.529	0.531	0.543
17.1400	0.536	0.534	0.555	0.558	0.541	0.548	0.543	0.529	0.529	0.531
17.1500	0.529	0.521	0.536	0.543	0.539	0.534	0.548	0.536	0.555	0.536
17.1600	0.539	0.553	0.548	0.543	0.526	0.529	0.524	0.534	0.539	0.529
17.1700	0.546	0.531	0.541	0.534	0.541	0.550	0.541	0.550	0.546	0.529
17.1800	0.541	0.546	0.541	0.526	0.521	0.536	0.526	0.541	0.541	0.546
17.1900	0.553	0.546	0.539	0.548	0.529	0.531	0.536	0.541	0.529	0.516
17.2000	0.521	0.536	0.531	0.526	0.534	0.534	0.546	0.548	0.555	0.536
17.2100	0.536	0.534	0.553	0.529	0.529	0.526	0.524	0.526	0.529	0.529
17.2200	0.536	0.531	0.553	0.534	0.539	0.548	0.536	0.534	0.539	0.548
17.2300	0.541	0.531	0.543	0.534	0.526	0.534	0.543	0.546	0.531	0.558
17.2400	0.548	0.534	0.560	0.550	0.531	0.541	0.541	0.541	0.526	0.543
17.2500	0.531	0.526	0.539	0.550	0.529	0.548	0.553	0.536	0.541	0.558
17.2600	0.546	0.531	0.541	0.546	0.524	0.531	0.536	0.526	0.524	0.541
17.2700	0.529	0.536	0.555	0.553	0.539	0.550	0.553	0.546	0.541	0.550
17.2800	0.531	0.526	0.524	0.539	0.529	0.534	0.548	0.534	0.534	0.534
17.2900	0.536	0.555	0.546	0.548	0.539	0.539	0.546	0.529	0.536	0.524
17.3000	0.531	0.531	0.536	0.524	0.531	0.529	0.550	0.534	0.553	0.548
17.3100	0.546	0.531	0.543	0.541	0.539	0.541	0.546	0.521	0.526	0.534
17.3200	0.531	0.555	0.526	0.539	0.546	0.548	0.539	0.546	0.555	0.529
17.3300	0.546	0.534	0.519	0.526	0.539	0.524	0.529	0.541	0.548	0.536
17.3400	0.550	0.555	0.536	0.531	0.539	0.546	0.534	0.541	0.539	0.519
17.3500	0.536	0.539	0.541	0.529	0.541	0.534	0.531	0.548	0.543	0.536
17.3600	0.553	0.531	0.536	0.526	0.543	0.526	0.524	0.539	0.539	0.536
17.3700	0.546	0.541	0.546	0.534	0.548	0.531	0.546	0.534	0.541	0.529
17.3800	0.543	0.536	0.543	0.541	0.531	0.543	0.539	0.529	0.529	0.534
17.3900	0.529	0.555	0.553	0.543	0.548	0.543	0.536	0.529	0.524	0.531
17.4000	0.516	0.526	0.546	0.536	0.531	0.534	0.539	0.531	0.529	0.529
17.4100	0.558	0.526	0.543	0.526	0.543	0.534	0.539	0.541	0.536	0.529
17.4200	0.536	0.543	0.531	0.534	0.553	0.539	0.539	0.546	0.534	0.534
17.4300	0.536	0.534	0.536	0.524	0.536	0.524	0.529	0.539	0.550	0.536
17.4400	0.543	0.548	0.548	0.536	0.541	0.531	0.536	0.539	0.529	0.529
17.4500	0.536	0.539	0.534	0.534	0.546	0.531	0.536	0.541	0.539	0.536
17.4600	0.546	0.553	0.543	0.531	0.536	0.526	0.524	0.526	0.534	0.534
17.4700	0.546	0.550	0.539	0.539	0.546	0.550	0.536	0.546	0.550	0.534
17.4800	0.539	0.526	0.531	0.541	0.531	0.541	0.539	0.529	0.531	0.541
17.4900	0.534	0.553	0.548	0.550	0.541	0.534	0.548	0.526	0.534	0.534

TEST M3 FINAL TRANSIENT 2599 (1 ms Data) PT1L MPA RECORD = 148

TIME	+ 0.0000	+ 0.0010	+ 0.0020	+ 0.0030	+ 0.0040	+ 0.0050	+ 0.0060	+ 0.0070	+ 0.0080	+ 0.0090
17.5000	0.536	0.519	0.534	0.531	0.529	0.536	0.553	0.541	0.558	0.550
17.5100	0.541	0.536	0.526	0.534	0.524	0.539	0.539	0.524	0.516	0.519
17.5200	0.531	0.539	0.548	0.546	0.546	0.550	0.541	0.543	0.548	0.526
17.5300	0.529	0.536	0.539	0.516	0.543	0.546	0.536	0.529	0.543	0.548
17.5400	0.539	0.548	0.548	0.536	0.546	0.548	0.526	0.529	0.534	0.521
17.5500	0.521	0.534	0.541	0.539	0.550	0.555	0.529	0.534	0.548	0.536
17.5600	0.526	0.553	0.550	0.539	0.541	0.539	0.521	0.521	0.539	0.529
17.5700	0.526	0.543	0.555	0.543	0.546	0.539	0.534	0.546	0.541	0.531
17.5800	0.536	0.526	0.524	0.534	0.524	0.531	0.539	0.524	0.529	0.536
17.5900	0.529	0.550	0.553	0.546	0.536	0.543	0.534	0.541	0.536	0.524
17.6000	0.529	0.543	0.548	0.529	0.539	0.543	0.536	0.541	0.550	0.550
17.6100	0.541	0.550	0.541	0.539	0.521	0.529	0.514	0.519	0.526	0.524
17.6200	0.526	0.546	0.555	0.539	0.546	0.546	0.548	0.539	0.546	0.526
17.6300	0.526	0.546	0.534	0.539	0.534	0.539	0.526	0.524	0.541	0.539
17.6400	0.536	0.553	0.536	0.539	0.546	0.529	0.526	0.524	0.548	0.524
17.6500	0.524	0.541	0.536	0.541	0.541	0.536	0.531	0.534	0.553	0.546
17.6600	0.536	0.550	0.543	0.531	0.546	0.529	0.529	0.524	0.539	0.539
17.6700	0.541	0.541	0.555	0.546	0.531	0.553	0.548	0.555	0.534	0.539
17.6800	0.539	0.526	0.524	0.524	0.514	0.531	0.536	0.553	0.539	0.539
17.6900	0.534	0.534	0.539	0.546	0.534	0.536	0.534	0.539	0.529	0.529
17.7000	0.526	0.526	0.536	0.539	0.531	0.553	0.543	0.541	0.536	0.548
17.7100	0.534	0.541	0.550	0.546	0.524	0.536	0.534	0.536	0.529	0.534
17.7200	0.546	0.541	0.546	0.543	0.539	0.539	0.536	0.550	0.548	0.534
17.7300	0.541	0.548	0.519	0.526	0.539	0.524	0.521	0.546	0.541	0.536
17.7400	0.543	0.543	0.550	0.541	0.550	0.536	0.526	0.550	0.519	0.524
17.7500	0.529	0.519	0.529	0.536	0.543	0.536	0.546	0.534	0.539	0.548
17.7600	0.541	0.531	0.531	0.536	0.541	0.534	0.526	0.516	0.529	0.529
17.7700	0.529	0.555	0.546	0.543	0.541	0.529	0.534	0.534	0.536	0.529
17.7800	0.536	0.526	0.539	0.541	0.531	0.534	0.541	0.539	0.536	0.536
17.7900	0.539	0.531	0.534	0.550	0.548	0.529	0.548	0.534	0.524	0.536
17.8000	0.534	0.521	0.534	0.546	0.534	0.531	0.553	0.529	0.539	0.543
17.8100	0.548	0.531	0.529	0.543	0.524	0.526	0.543	0.526	0.531	0.529
17.8200	0.531	0.534	0.541	0.543	0.536	0.555	0.553	0.529	0.534	0.536
17.8300	0.526	0.524	0.539	0.539	0.529	0.536	0.546	0.526	0.531	0.543
17.8400	0.534	0.534	0.548	0.555	0.529	0.550	0.543	0.543	0.524	0.534
17.8500	0.541	0.526	0.541	0.541	0.536	0.548	0.539	0.539	0.534	0.543
17.8600	0.536	0.546	0.555	0.543	0.519	0.524	0.524	0.536	0.548	0.521
17.8700	0.553	0.539	0.539	0.541	0.536	0.529	0.534	0.529	0.553	0.539
17.8800	0.529	0.539	0.541	0.534	0.514	0.539	0.534	0.526	0.550	0.553
17.8900	0.521	0.539	0.534	0.550	0.546	0.531	0.543	0.543	0.536	0.534
17.9000	0.534	0.539	0.526	0.536	0.534	0.529	0.543	0.553	0.546	0.548
17.9100	0.546	0.529	0.550	0.539	0.529	0.543	0.539	0.521	0.521	0.539
17.9200	0.536	0.543	0.553	0.543	0.550	0.546	0.548	0.531	0.548	0.531
17.9300	0.529	0.536	0.536	0.516	0.541	0.531	0.526	0.526	0.541	0.534
17.9400	0.539	0.553	0.553	0.534	0.548	0.524	0.543	0.531	0.539	0.519
17.9500	0.516	0.531	0.548	0.550	0.543	0.546	0.536	0.543	0.536	0.536
17.9600	0.541	0.546	0.534	0.546	0.531	0.531	0.546	0.526	0.512	0.546
17.9700	0.546	0.546	0.534	0.534	0.539	0.550	0.543	0.548	0.526	0.546
17.9800	0.536	0.526	0.534	0.534	0.536	0.534	0.526	0.550	0.539	0.543
17.9900	0.531	0.539	0.546	0.543	0.534	0.529	0.524	0.534	0.543	0.526

TEST M3 FINAL TRANSIENT 2599 (1 ms Data) PT1L MPA RECORD = 149

TIME	+ 0.0000	+ 0.0010	+ 0.0020	+ 0.0030	+ 0.0040	+ 0.0050	+ 0.0060	+ 0.0070	+ 0.0080	+ 0.0090
18.0000	0.541	0.541	0.521	0.529	0.536	0.548	0.536	0.546	0.555	0.529
18.0100	0.548	0.548	0.543	0.529	0.534	0.529	0.521	0.531	0.543	0.534
18.0200	0.550	0.550	0.529	0.526	0.539	0.546	0.539	0.550	0.550	0.529
18.0300	0.541	0.543	0.539	0.521	0.534	0.524	0.524	0.541	0.550	0.531
18.0400	0.555	0.555	0.536	0.526	0.539	0.546	0.534	0.543	0.546	0.531
18.0500	0.539	0.529	0.539	0.526	0.531	0.534	0.539	0.543	0.546	0.550
18.0600	0.531	0.529	0.546	0.539	0.524	0.524	0.531	0.526	0.541	0.534
18.0700	0.531	0.531	0.521	0.534	0.548	0.541	0.546	0.534	0.543	0.529
18.0800	0.534	0.524	0.524	0.519	0.541	0.536	0.529	0.534	0.534	0.531
18.0900	0.546	0.539	0.536	0.541	0.534	0.541	0.529	0.529	0.531	0.541
18.1000	0.534	0.524	0.536	0.531	0.534	0.541	0.546	0.546	0.534	0.548
18.1100	0.541	0.536	0.546	0.541	0.526	0.529	0.534	0.534	0.519	0.546
18.1200	0.534	0.534	0.546	0.529	0.534	0.539	0.536	0.546	0.539	0.546
18.1300	0.536	0.529	0.534	0.534	0.516	0.529	0.546	0.531	0.531	0.550
18.1400	0.541	0.534	0.550	0.543	0.558	0.531	0.534	0.539	0.526	0.521
18.1500	0.521	0.541	0.521	0.529	0.526	0.529	0.531	0.536	0.541	0.534
18.1600	0.546	0.546	0.536	0.548	0.546	0.526	0.541	0.526	0.521	0.543
18.1700	0.546	0.529	0.531	0.536	0.536	0.541	0.555	0.543	0.543	0.534
18.1800	0.534	0.536	0.531	0.536	0.524	0.531	0.524	0.529	0.550	0.546
18.1900	0.543	0.534	0.534	0.543	0.529	0.543	0.534	0.521	0.524	0.529
18.2000	0.521	0.526	0.541	0.546	0.526	0.550	0.550	0.536	0.531	0.539
18.2100	0.546	0.539	0.529	0.524	0.531	0.524	0.526	0.536	0.539	0.519
18.2200	0.524	0.541	0.531	0.553	0.526	0.531	0.539	0.541	0.534	0.543
18.2300	0.526	0.524	0.536	0.534	0.521	0.541	0.524	0.526	0.526	0.543
18.2400	0.536	0.550	0.541	0.548	0.519	0.543	0.539	0.548	0.531	0.524
18.2500	0.531	0.531	0.521	0.543	0.546	0.531	0.531	0.543	0.541	0.553
18.2600	0.531	0.529	0.546	0.514	0.526	0.546	0.534	0.536	0.536	0.524
18.2700	0.536	0.526	0.531	0.526	0.555	0.536	0.529	0.548	0.541	0.526
18.2800	0.536	0.539	0.521	0.534	0.519	0.519	0.539	0.548	0.546	0.541
18.2900	0.541	0.536	0.543	0.541	0.534	0.536	0.529	0.539	0.531	0.543
18.3000	0.529	0.519	0.546	0.541	0.529	0.539	0.548	0.536	0.534	0.555
18.3100	0.541	0.529	0.546	0.536	0.524	0.536	0.539	0.534	0.521	0.539
18.3200	0.541	0.526	0.539	0.531	0.531	0.543	0.553	0.541	0.529	0.539
18.3300	0.521	0.524	0.531	0.531	0.521	0.536	0.526	0.524	0.534	0.548
18.3400	0.531	0.529	0.531	0.543	0.543	0.534	0.546	0.524	0.541	0.526
18.3500	0.534	0.534	0.529	0.541	0.548	0.531	0.536	0.536	0.543	0.536
18.3600	0.529	0.534	0.543	0.534	0.519	0.526	0.516	0.524	0.529	0.521
18.3700	0.529	0.539	0.531	0.534	0.541	0.546	0.543	0.536	0.548	0.539
18.3800	0.529	0.531	0.521	0.519	0.526	0.534	0.529	0.546	0.548	0.524
18.3900	0.529	0.543	0.536	0.550	0.526	0.531	0.531	0.534	0.521	0.526
18.4000	0.529	0.521	0.534	0.536	0.536	0.543	0.543	0.534	0.541	0.536
18.4100	0.531	0.541	0.536	0.529	0.534	0.534	0.519	0.534	0.529	0.529
18.4200	0.526	0.526	0.531	0.539	0.543	0.536	0.548	0.531	0.529	0.539
18.4300	0.531	0.529	0.526	0.516	0.521	0.534	0.536	0.529	0.539	0.546
18.4400	0.541	0.543	0.539	0.534	0.526	0.531	0.536	0.529	0.529	0.539
18.4500	0.524	0.519	0.529	0.514	0.534	0.541	0.531	0.529	0.546	0.531
18.4600	0.539	0.529	0.519	0.541	0.539	0.534	0.524	0.529	0.531	0.524
18.4700	0.531	0.541	0.531	0.543	0.546	0.529	0.541	0.546	0.526	0.546
18.4800	0.524	0.526	0.526	0.531	0.516	0.521	0.541	0.546	0.529	0.546
18.4900	0.541	0.541	0.531	0.546	0.548	0.524	0.543	0.536	0.524	0.531

TEST M3 FINAL TRANSIENT 2599 (1 ms Data) PT1L MPA RECORD = 150

TIME	+ 0.0000	+ 0.0010	+ 0.0020	+ 0.0030	+ 0.0040	+ 0.0050	+ 0.0060	+ 0.0070	+ 0.0080	+ 0.0090
18.5000	0.519	0.519	0.531	0.534	0.529	0.546	0.548	0.536	0.534	0.539
18.5100	0.529	0.529	0.539	0.541	0.521	0.531	0.536	0.529	0.519	0.534
18.5200	0.526	0.524	0.534	0.541	0.534	0.550	0.548	0.526	0.536	0.536
18.5300	0.526	0.541	0.531	0.521	0.524	0.531	0.526	0.543	0.548	0.531
18.5400	0.543	0.526	0.531	0.541	0.536	0.526	0.536	0.541	0.524	0.534
18.5500	0.521	0.539	0.536	0.529	0.541	0.541	0.548	0.546	0.531	0.526
18.5600	0.543	0.536	0.539	0.536	0.519	0.529	0.519	0.516	0.536	0.524
18.5700	0.546	0.524	0.529	0.531	0.541	0.555	0.536	0.546	0.541	0.543
18.5800	0.541	0.529	0.539	0.529	0.516	0.536	0.531	0.541	0.536	0.536
18.5900	0.534	0.543	0.546	0.541	0.531	0.543	0.526	0.541	0.519	0.521
18.6000	0.516	0.531	0.521	0.531	0.531	0.529	0.541	0.548	0.541	0.534
18.6100	0.531	0.529	0.541	0.529	0.526	0.529	0.531	0.519	0.519	0.534
18.6200	0.536	0.529	0.548	0.541	0.529	0.536	0.543	0.546	0.539	0.546
18.6300	0.526	0.524	0.531	0.526	0.529	0.526	0.529	0.524	0.539	0.543
18.6400	0.543	0.539	0.541	0.539	0.526	0.531	0.524	0.534	0.516	0.531
18.6500	0.519	0.521	0.526	0.524	0.539	0.531	0.526	0.539	0.524	0.541
18.6600	0.555	0.539	0.524	0.526	0.519	0.516	0.534	0.524	0.534	0.534
18.6700	0.536	0.543	0.536	0.541	0.531	0.531	0.548	0.524	0.529	0.529
18.6800	0.536	0.521	0.531	0.529	0.516	0.529	0.541	0.536	0.531	0.539
18.6900	0.531	0.526	0.536	0.539	0.531	0.541	0.543	0.521	0.526	0.529
18.7000	0.519	0.534	0.534	0.526	0.531	0.541	0.541	0.529	0.548	0.526
18.7100	0.531	0.541	0.526	0.526	0.539	0.524	0.516	0.526	0.534	0.529
18.7200	0.543	0.546	0.543	0.543	0.536	0.543	0.534	0.546	0.543	0.526
18.7300	0.539	0.531	0.521	0.534	0.534	0.526	0.541	0.526	0.526	0.534
18.7400	0.531	0.539	0.534	0.529	0.526	0.531	0.529	0.524	0.531	0.516
18.7500	0.519	0.543	0.519	0.536	0.524	0.526	0.539	0.531	0.541	0.534
18.7600	0.543	0.531	0.524	0.524	0.524	0.519	0.529	0.516	0.519	0.519
18.7700	0.524	0.531	0.539	0.534	0.534	0.531	0.531	0.546	0.541	0.529
18.7800	0.541	0.534	0.534	0.514	0.516	0.539	0.536	0.539	0.536	0.531
18.7900	0.541	0.531	0.548	0.529	0.529	0.536	0.524	0.526	0.529	0.539
18.8000	0.519	0.519	0.531	0.529	0.529	0.536	0.543	0.541	0.529	0.546
18.8100	0.539	0.529	0.543	0.536	0.521	0.526	0.516	0.521	0.516	0.519
18.8200	0.534	0.531	0.541	0.526	0.526	0.531	0.529	0.526	0.534	0.539
18.8300	0.531	0.531	0.524	0.516	0.531	0.516	0.536	0.531	0.529	0.531
18.8400	0.526	0.531	0.543	0.546	0.546	0.529	0.536	0.529	0.521	0.524
18.8500	0.516	0.514	0.519	0.519	0.526	0.529	0.534	0.529	0.529	0.529
18.8600	0.534	0.524	0.519	0.524	0.531	0.529	0.519	0.524	0.521	0.539
18.8700	0.536	0.526	0.541	0.543	0.526	0.543	0.548	0.539	0.526	0.536
18.8800	0.524	0.516	0.526	0.536	0.524	0.536	0.541	0.536	0.526	0.539
18.8900	0.553	0.534	0.548	0.541	0.536	0.526	0.529	0.541	0.539	0.516
18.9000	0.526	0.526	0.534	0.519	0.526	0.526	0.529	0.543	0.546	0.526
18.9100	0.541	0.536	0.541	0.521	0.516	0.534	0.516	0.514	0.516	0.526
18.9200	0.529	0.543	0.541	0.541	0.531	0.543	0.539	0.524	0.534	0.536
18.9300	0.521	0.519	0.529	0.519	0.521	0.539	0.521	0.541	0.524	0.536
18.9400	0.541	0.536	0.531	0.536	0.531	0.524	0.531	0.543	0.529	0.521
18.9500	0.516	0.516	0.539	0.516	0.531	0.546	0.543	0.526	0.529	0.541
18.9600	0.524	0.526	0.543	0.524	0.526	0.529	0.519	0.514	0.526	0.536
18.9700	0.524	0.529	0.541	0.536	0.529	0.536	0.543	0.541	0.529	0.541
18.9800	0.534	0.524	0.534	0.531	0.519	0.512	0.526	0.519	0.543	0.546
18.9900	0.529	0.543	0.526	0.529	0.539	0.536	0.524	0.534	0.516	0.516

TEST M3 FINAL TRANSIENT 2599 (1 ms Data) PT2L MPA RECORD = 151

TIME	+ 0.0000	+ 0.0010	+ 0.0020	+ 0.0030	+ 0.0040	+ 0.0050	+ 0.0060	+ 0.0070	+ 0.0080	+ 0.0090
16.0006	0.453	0.455	0.453	0.455	0.460	0.461	0.459	0.456	0.456	0.450
16.0106	0.451	0.453	0.448	0.449	0.450	0.448	0.453	0.457	0.452	0.452
16.0206	0.457	0.460	0.459	0.454	0.457	0.452	0.451	0.453	0.451	0.447
16.0306	0.447	0.449	0.451	0.455	0.454	0.452	0.455	0.460	0.458	0.459
16.0406	0.457	0.454	0.452	0.451	0.452	0.450	0.451	0.451	0.451	0.453
16.0506	0.453	0.455	0.453	0.457	0.460	0.459	0.459	0.456	0.454	0.453
16.0606	0.453	0.451	0.446	0.450	0.450	0.450	0.454	0.457	0.455	0.458
16.0706	0.459	0.461	0.460	0.458	0.456	0.453	0.453	0.456	0.453	0.447
16.0806	0.450	0.449	0.448	0.455	0.454	0.454	0.455	0.458	0.460	0.458
16.0906	0.455	0.456	0.455	0.452	0.453	0.450	0.448	0.449	0.450	0.450
16.1006	0.455	0.454	0.453	0.456	0.461	0.460	0.458	0.455	0.454	0.452
16.1106	0.452	0.454	0.446	0.452	0.448	0.453	0.457	0.455	0.456	0.456
16.1206	0.459	0.461	0.460	0.458	0.454	0.451	0.453	0.453	0.451	0.448
16.1306	0.449	0.451	0.451	0.456	0.456	0.455	0.459	0.461	0.459	0.458
16.1406	0.456	0.456	0.451	0.451	0.451	0.449	0.449	0.450	0.450	0.453
16.1506	0.454	0.457	0.455	0.456	0.460	0.457	0.458	0.457	0.455	0.452
16.1606	0.458	0.451	0.448	0.448	0.450	0.454	0.455	0.455	0.453	0.457
16.1706	0.460	0.461	0.459	0.456	0.454	0.453	0.453	0.453	0.454	0.450
16.1806	0.449	0.452	0.452	0.455	0.458	0.455	0.458	0.461	0.461	0.460
16.1906	0.459	0.455	0.453	0.451	0.456	0.451	0.448	0.451	0.451	0.454
16.2006	0.456	0.460	0.455	0.459	0.461	0.460	0.460	0.457	0.457	0.451
16.2106	0.455	0.450	0.449	0.450	0.451	0.453	0.455	0.458	0.456	0.457
16.2206	0.461	0.461	0.459	0.460	0.457	0.454	0.455	0.456	0.450	0.453
16.2306	0.450	0.450	0.452	0.458	0.457	0.455	0.457	0.463	0.460	0.458
16.2406	0.458	0.455	0.452	0.452	0.451	0.450	0.448	0.448	0.452	0.455
16.2506	0.456	0.456	0.456	0.458	0.462	0.461	0.460	0.458	0.452	0.455
16.2606	0.454	0.452	0.450	0.451	0.453	0.452	0.455	0.462	0.458	0.458
16.2706	0.461	0.462	0.458	0.461	0.457	0.454	0.456	0.454	0.455	0.447
16.2806	0.450	0.451	0.454	0.455	0.457	0.455	0.457	0.463	0.459	0.458
16.2906	0.458	0.457	0.455	0.453	0.454	0.450	0.448	0.453	0.454	0.451
16.3006	0.456	0.457	0.457	0.460	0.460	0.457	0.459	0.457	0.456	0.453
16.3106	0.455	0.453	0.448	0.450	0.454	0.451	0.453	0.457	0.455	0.459
16.3206	0.460	0.461	0.462	0.460	0.456	0.453	0.454	0.454	0.451	0.450
16.3306	0.452	0.453	0.453	0.457	0.459	0.455	0.457	0.463	0.462	0.463
16.3406	0.459	0.455	0.454	0.452	0.454	0.453	0.448	0.449	0.452	0.455
16.3506	0.456	0.455	0.455	0.461	0.458	0.458	0.461	0.456	0.454	0.455
16.3606	0.455	0.455	0.452	0.453	0.452	0.452	0.456	0.457	0.456	0.456
16.3706	0.461	0.463	0.460	0.459	0.461	0.455	0.454	0.457	0.451	0.449
16.3806	0.446	0.451	0.455	0.454	0.463	0.459	0.459	0.462	0.463	0.460
16.3906	0.458	0.456	0.455	0.455	0.456	0.452	0.454	0.452	0.451	0.456
16.4006	0.457	0.460	0.459	0.459	0.463	0.464	0.458	0.461	0.456	0.456
16.4106	0.456	0.454	0.450	0.451	0.453	0.453	0.456	0.460	0.455	0.455
16.4206	0.460	0.462	0.461	0.459	0.456	0.454	0.456	0.456	0.454	0.450
16.4306	0.453	0.453	0.454	0.458	0.455	0.456	0.458	0.462	0.463	0.462
16.4406	0.460	0.457	0.455	0.458	0.452	0.449	0.451	0.452	0.454	0.457
16.4506	0.459	0.459	0.457	0.462	0.464	0.462	0.461	0.460	0.456	0.454
16.4606	0.456	0.453	0.451	0.453	0.457	0.454	0.459	0.461	0.458	0.456
16.4706	0.462	0.463	0.461	0.460	0.457	0.455	0.455	0.454	0.452	0.452
16.4806	0.453	0.454	0.456	0.457	0.459	0.458	0.457	0.462	0.460	0.461
16.4906	0.457	0.460	0.457	0.455	0.456	0.450	0.452	0.450	0.456	0.454

TEST M3 FINAL TRANSIENT 2599 (1 ms Data) PT2L MPA RECORD = 152

TIME	+ 0.0000	+ 0.0010	+ 0.0020	+ 0.0030	+ 0.0040	+ 0.0050	+ 0.0060	+ 0.0070	+ 0.0080	+ 0.0090
16.5006	0.457	0.460	0.456	0.461	0.464	0.460	0.460	0.457	0.454	0.455
16.5106	0.456	0.451	0.449	0.453	0.452	0.455	0.457	0.458	0.459	0.457
16.5206	0.463	0.464	0.462	0.460	0.459	0.459	0.458	0.456	0.451	0.452
16.5306	0.453	0.453	0.457	0.458	0.460	0.458	0.461	0.465	0.464	0.464
16.5406	0.460	0.457	0.458	0.458	0.454	0.454	0.452	0.453	0.453	0.456
16.5506	0.458	0.459	0.459	0.461	0.463	0.460	0.462	0.459	0.457	0.457
16.5606	0.454	0.456	0.452	0.455	0.451	0.455	0.456	0.460	0.459	0.462
16.5706	0.462	0.466	0.462	0.463	0.458	0.456	0.455	0.457	0.453	0.451
16.5806	0.451	0.455	0.455	0.458	0.461	0.459	0.459	0.465	0.465	0.462
16.5906	0.460	0.458	0.457	0.457	0.455	0.454	0.455	0.453	0.452	0.455
16.6006	0.459	0.460	0.459	0.463	0.467	0.464	0.463	0.459	0.456	0.456
16.6106	0.458	0.456	0.453	0.453	0.453	0.454	0.462	0.462	0.458	0.460
16.6206	0.462	0.466	0.464	0.463	0.460	0.457	0.457	0.457	0.452	0.454
16.6306	0.451	0.453	0.456	0.459	0.459	0.459	0.462	0.463	0.463	0.463
16.6406	0.461	0.459	0.457	0.458	0.456	0.450	0.451	0.453	0.452	0.456
16.6506	0.459	0.461	0.458	0.464	0.468	0.465	0.463	0.461	0.457	0.455
16.6606	0.460	0.455	0.449	0.453	0.455	0.454	0.460	0.464	0.459	0.462
16.6706	0.465	0.463	0.461	0.465	0.462	0.460	0.456	0.458	0.455	0.452
16.6806	0.453	0.455	0.455	0.459	0.460	0.458	0.462	0.464	0.462	0.464
16.6906	0.459	0.458	0.459	0.456	0.458	0.454	0.453	0.454	0.455	0.456
16.7006	0.459	0.461	0.459	0.462	0.466	0.464	0.461	0.460	0.457	0.456
16.7106	0.459	0.456	0.452	0.455	0.454	0.456	0.459	0.461	0.460	0.460
16.7206	0.464	0.466	0.465	0.463	0.459	0.461	0.457	0.458	0.455	0.454
16.7306	0.458	0.454	0.454	0.458	0.462	0.461	0.462	0.466	0.462	0.464
16.7406	0.463	0.459	0.457	0.457	0.456	0.455	0.454	0.453	0.456	0.458
16.7506	0.461	0.458	0.458	0.460	0.463	0.464	0.460	0.460	0.458	0.460
16.7606	0.458	0.456	0.452	0.453	0.453	0.454	0.458	0.461	0.460	0.464
16.7706	0.464	0.464	0.462	0.463	0.460	0.456	0.458	0.458	0.453	0.451
16.7806	0.454	0.455	0.457	0.459	0.462	0.459	0.464	0.467	0.464	0.463
16.7906	0.462	0.460	0.457	0.458	0.458	0.453	0.453	0.454	0.455	0.458
16.8006	0.463	0.462	0.459	0.464	0.468	0.465	0.466	0.460	0.461	0.459
16.8106	0.461	0.459	0.452	0.454	0.456	0.453	0.459	0.461	0.463	0.462
16.8206	0.464	0.466	0.463	0.461	0.458	0.460	0.459	0.459	0.458	0.453
16.8306	0.457	0.456	0.458	0.463	0.464	0.459	0.463	0.466	0.463	0.464
16.8406	0.462	0.460	0.458	0.457	0.458	0.453	0.457	0.456	0.456	0.460
16.8506	0.463	0.462	0.460	0.465	0.468	0.466	0.465	0.462	0.462	0.459
16.8606	0.462	0.459	0.456	0.455	0.455	0.455	0.458	0.463	0.462	0.463
16.8706	0.464	0.468	0.465	0.465	0.461	0.458	0.461	0.460	0.457	0.456
16.8806	0.461	0.458	0.458	0.463	0.465	0.459	0.462	0.466	0.465	0.467
16.8906	0.462	0.460	0.459	0.462	0.457	0.455	0.455	0.453	0.458	0.460
16.9006	0.459	0.460	0.460	0.462	0.465	0.465	0.463	0.461	0.457	0.457
16.9106	0.461	0.456	0.455	0.458	0.459	0.457	0.462	0.461	0.462	0.460
16.9206	0.465	0.469	0.464	0.464	0.459	0.459	0.460	0.458	0.458	0.455
16.9306	0.457	0.457	0.458	0.462	0.463	0.462	0.464	0.468	0.467	0.465
16.9406	0.465	0.459	0.460	0.459	0.459	0.464	0.464	0.464	0.464	0.464

TEST M3 FINAL TRANSIENT 2599 (1 ms Data) PT2L MPA RECORD = 153

TIME	+ 0.0000	+ 0.0010	+ 0.0020	+ 0.0030	+ 0.0040	+ 0.0050	+ 0.0060	+ 0.0070	+ 0.0080	+ 0.0090
17.0006	0.461	0.462	0.457	0.462	0.465	0.466	0.464	0.460	0.460	0.457
17.0106	0.460	0.458	0.450	0.452	0.455	0.457	0.460	0.466	0.461	0.459
17.0206	0.463	0.463	0.462	0.462	0.458	0.457	0.454	0.455	0.453	0.452
17.0306	0.454	0.454	0.454	0.458	0.459	0.459	0.461	0.463	0.463	0.457
17.0406	0.412	0.453	0.463	0.459	0.455	0.451	0.455	0.452	0.453	0.455
17.0506	0.457	0.458	0.457	0.460	0.462	0.460	0.458	0.456	0.454	0.453
17.0606	0.453	0.453	0.450	0.452	0.453	0.455	0.455	0.459	0.455	0.456
17.0706	0.460	0.459	0.457	0.459	0.455	0.453	0.451	0.451	0.451	0.447
17.0806	0.449	0.450	0.452	0.455	0.456	0.453	0.454	0.458	0.458	0.458
17.0906	0.455	0.457	0.453	0.450	0.449	0.445	0.446	0.446	0.447	0.454
17.1006	0.454	0.453	0.451	0.456	0.457	0.456	0.455	0.452	0.452	0.450
17.1106	0.452	0.447	0.448	0.448	0.448	0.449	0.451	0.454	0.452	0.452
17.1206	0.456	0.458	0.454	0.455	0.449	0.451	0.452	0.453	0.448	0.443
17.1306	0.448	0.447	0.448	0.449	0.453	0.453	0.454	0.457	0.457	0.451
17.1406	0.455	0.449	0.449	0.450	0.449	0.444	0.444	0.444	0.448	0.452
17.1506	0.452	0.452	0.450	0.455	0.457	0.455	0.456	0.454	0.449	0.449
17.1606	0.449	0.445	0.441	0.445	0.444	0.446	0.450	0.454	0.453	0.450
17.1706	0.454	0.457	0.455	0.452	0.454	0.448	0.449	0.449	0.448	0.444
17.1806	0.449	0.447	0.449	0.454	0.449	0.453	0.453	0.455	0.455	0.455
17.1906	0.452	0.450	0.446	0.450	0.451	0.445	0.448	0.447	0.448	0.450
17.2006	0.456	0.454	0.453	0.454	0.456	0.457	0.455	0.451	0.450	0.452
17.2106	0.448	0.450	0.445	0.444	0.447	0.449	0.451	0.454	0.454	0.451
17.2206	0.456	0.458	0.454	0.454	0.451	0.452	0.449	0.450	0.449	0.442
17.2306	0.445	0.446	0.446	0.454	0.454	0.452	0.454	0.459	0.455	0.455
17.2406	0.453	0.448	0.449	0.449	0.445	0.443	0.446	0.450	0.447	0.450
17.2506	0.454	0.454	0.453	0.453	0.457	0.457	0.457	0.452	0.451	0.447
17.2606	0.449	0.451	0.446	0.445	0.445	0.448	0.453	0.454	0.452	0.452
17.2706	0.458	0.459	0.454	0.451	0.450	0.445	0.451	0.449	0.444	0.445
17.2806	0.446	0.444	0.448	0.450	0.453	0.451	0.452	0.453	0.452	0.454
17.2906	0.452	0.448	0.450	0.450	0.451	0.443	0.444	0.445	0.445	0.449
17.3006	0.450	0.451	0.451	0.451	0.456	0.456	0.451	0.452	0.447	0.447
17.3106	0.449	0.447	0.438	0.447	0.444	0.447	0.451	0.454	0.451	0.454
17.3206	0.453	0.456	0.454	0.453	0.449	0.447	0.452	0.447	0.448	0.443
17.3306	0.446	0.443	0.447	0.451	0.453	0.450	0.452	0.456	0.457	0.452
17.3406	0.455	0.450	0.448	0.447	0.446	0.442	0.444	0.445	0.448	0.447
17.3506	0.449	0.452	0.448	0.455	0.457	0.455	0.452	0.453	0.450	0.448
17.3606	0.448	0.445	0.441	0.445	0.443	0.446	0.450	0.451	0.450	0.453
17.3706	0.454	0.454	0.455	0.455	0.452	0.449	0.448	0.449	0.447	0.445
17.3806	0.445	0.443	0.449	0.451	0.453	0.453	0.452	0.456	0.457	0.455
17.3906	0.451	0.448	0.449	0.446	0.452	0.445	0.447	0.446	0.445	0.452
17.4006	0.452	0.452	0.453	0.455	0.457	0.455	0.451	0.453	0.450	0.448
17.4106	0.449	0.447	0.443	0.443	0.447	0.449	0.453	0.452	0.452	0.451
17.4206	0.455	0.452	0.452	0.453	0.451	0.447	0.451	0.451	0.447	0.444
17.4306	0.444	0.445	0.446	0.449	0.453	0.449	0.453	0.455	0.455	0.456
17.4406	0.451	0.451	0.448	0.447	0.448	0.444	0.445	0.445	0.445	0.450
17.4506	0.451	0.452	0.451	0.455	0.456	0.454	0.452	0.449	0.446	0.445
17.4606	0.449	0.447	0.445	0.446	0.447	0.450	0.450	0.453	0.450	0.453
17.4706	0.455	0.456	0.454	0.454	0.452	0.447	0.448	0.448	0.446	0.447
17.4806	0.445	0.445	0.446	0.449	0.448	0.448	0.449	0.456	0.456	0.454
17.4906	0.455	0.446	0.447	0.450	0.447	0.444	0.444	0.443	0.445	0.446

TEST M3 FINAL TRANSIENT 2599 (1 ms Data) PT2L MPA RECORD = 154

TIME	+ 0.0000	+ 0.0010	+ 0.0020	+ 0.0030	+ 0.0040	+ 0.0050	+ 0.0060	+ 0.0070	+ 0.0080	+ 0.0090
17.5006	0.448	0.451	0.451	0.457	0.455	0.454	0.452	0.452	0.449	0.448
17.5106	0.448	0.447	0.441	0.444	0.446	0.447	0.452	0.450	0.451	0.450
17.5206	0.455	0.455	0.455	0.453	0.450	0.446	0.450	0.450	0.444	0.443
17.5306	0.447	0.442	0.448	0.451	0.451	0.449	0.455	0.457	0.455	0.452
17.5406	0.456	0.450	0.445	0.450	0.446	0.439	0.442	0.446	0.445	0.446
17.5506	0.451	0.451	0.449	0.452	0.456	0.454	0.451	0.447	0.448	0.445
17.5606	0.448	0.444	0.440	0.443	0.444	0.447	0.451	0.448	0.450	0.451
17.5706	0.455	0.451	0.454	0.451	0.450	0.445	0.447	0.447	0.444	0.444
17.5806	0.444	0.445	0.448	0.452	0.450	0.453	0.453	0.455	0.454	0.455
17.5906	0.451	0.448	0.446	0.447	0.447	0.442	0.442	0.447	0.443	0.448
17.6006	0.448	0.454	0.452	0.452	0.454	0.456	0.454	0.450	0.448	0.447
17.6106	0.448	0.446	0.443	0.445	0.444	0.448	0.450	0.452	0.448	0.450
17.6206	0.455	0.454	0.453	0.454	0.451	0.447	0.448	0.448	0.442	0.442
17.6306	0.448	0.444	0.445	0.449	0.452	0.450	0.451	0.455	0.451	0.452
17.6406	0.451	0.446	0.446	0.447	0.445	0.443	0.442	0.444	0.445	0.450
17.6506	0.450	0.450	0.451	0.454	0.458	0.457	0.452	0.449	0.448	0.446
17.6606	0.450	0.445	0.446	0.446	0.444	0.449	0.451	0.454	0.453	0.454
17.6706	0.455	0.454	0.454	0.451	0.448	0.446	0.448	0.447	0.442	0.442
17.6806	0.446	0.444	0.446	0.448	0.452	0.448	0.454	0.454	0.453	0.453
17.6906	0.452	0.448	0.447	0.450	0.449	0.446	0.441	0.443	0.444	0.446
17.7006	0.449	0.448	0.449	0.452	0.455	0.455	0.448	0.452	0.449	0.447
17.7106	0.450	0.448	0.443	0.445	0.446	0.442	0.449	0.449	0.450	0.451
17.7206	0.455	0.454	0.453	0.454	0.448	0.447	0.448	0.448	0.447	0.444
17.7306	0.446	0.444	0.447	0.450	0.448	0.451	0.454	0.459	0.455	0.453
17.7406	0.452	0.447	0.446	0.448	0.446	0.442	0.440	0.445	0.443	0.445
17.7506	0.452	0.452	0.448	0.451	0.455	0.452	0.452	0.448	0.445	0.445
17.7606	0.449	0.445	0.438	0.444	0.444	0.442	0.449	0.449	0.448	0.451
17.7706	0.452	0.453	0.451	0.453	0.450	0.445	0.449	0.449	0.444	0.440
17.7806	0.444	0.446	0.444	0.453	0.449	0.453	0.452	0.451	0.451	0.457
17.7906	0.451	0.446	0.445	0.446	0.446	0.441	0.444	0.444	0.445	0.446
17.8006	0.451	0.451	0.450	0.453	0.452	0.454	0.452	0.449	0.447	0.446
17.8106	0.447	0.444	0.442	0.444	0.445	0.443	0.449	0.450	0.450	0.449
17.8206	0.452	0.453	0.454	0.452	0.449	0.448	0.448	0.449	0.443	0.442
17.8306	0.444	0.444	0.445	0.449	0.447	0.448	0.453	0.454	0.453	0.453
17.8406	0.451	0.448	0.446	0.449	0.446	0.441	0.442	0.446	0.444	0.449
17.8506	0.451	0.449	0.449	0.451	0.452	0.453	0.452	0.452	0.448	0.446
17.8606	0.448	0.445	0.445	0.445	0.444	0.449	0.450	0.452	0.452	0.451
17.8706	0.454	0.454	0.453	0.452	0.450	0.447	0.446	0.448	0.443	0.444
17.8806	0.443	0.444	0.446	0.451	0.451	0.453	0.453	0.452	0.451	0.452
17.8906	0.450	0.447	0.446	0.447	0.444	0.439	0.441	0.445	0.442	0.445
17.9006	0.451	0.448	0.449	0.451	0.454	0.450	0.450	0.448	0.445	0.447
17.9106	0.450	0.445	0.440	0.441	0.447	0.445	0.450	0.448	0.448	0.452
17.9206	0.452	0.454	0.453	0.449	0.448	0.446	0.445	0.446	0.445	0.442
17.9306	0.446	0.446	0.443	0.451	0.449	0.451	0.452	0.454	0.452	0.452
17.9406	0.452	0.444	0.442	0.443	0.445	0.440	0.442	0.444	0.443	0.447
17.9506	0.449	0.449	0.448	0.451	0.454	0.450	0.453	0.448	0.447	0.447
17.9606	0.449	0.446	0.442	0.441	0.441	0.444	0.447	0.448	0.446	0.450
17.9706	0.454	0.453	0.452	0.449	0.447	0.445	0.447	0.443	0.443	0.441
17.9806	0.443	0.443	0.447	0.447	0.448	0.450	0.452	0.453	0.453	0.454
17.9906	0.450	0.445	0.444	0.447	0.447	0.443	0.441	0.443	0.445	0.448

TEST M3 FINAL TRANSIENT 2599 (1 ms Data) PT2L MPA RECORD = 155

TIME	+ 0.0000	+ 0.0010	+ 0.0020	+ 0.0030	+ 0.0040	+ 0.0050	+ 0.0060	+ 0.0070	+ 0.0080	+ 0.0090
18.0006	0.449	0.449	0.451	0.452	0.453	0.453	0.451	0.447	0.447	0.448
18.0106	0.445	0.441	0.442	0.441	0.444	0.445	0.448	0.450	0.447	0.447
18.0206	0.450	0.449	0.450	0.450	0.448	0.442	0.447	0.448	0.443	0.440
18.0306	0.443	0.443	0.445	0.448	0.448	0.449	0.449	0.455	0.450	0.451
18.0406	0.450	0.449	0.444	0.447	0.444	0.441	0.442	0.442	0.443	0.449
18.0506	0.450	0.451	0.452	0.453	0.453	0.455	0.452	0.448	0.446	0.445
18.0606	0.447	0.444	0.443	0.444	0.443	0.445	0.447	0.448	0.447	0.451
18.0706	0.455	0.450	0.450	0.449	0.447	0.442	0.442	0.448	0.443	0.438
18.0806	0.442	0.444	0.446	0.445	0.448	0.446	0.449	0.456	0.451	0.453
18.0906	0.446	0.444	0.444	0.449	0.446	0.441	0.440	0.438	0.441	0.445
18.1006	0.448	0.448	0.446	0.449	0.451	0.449	0.449	0.448	0.444	0.445
18.1106	0.445	0.444	0.443	0.439	0.441	0.443	0.445	0.448	0.447	0.450
18.1206	0.452	0.449	0.454	0.451	0.446	0.442	0.444	0.445	0.441	0.442
18.1306	0.442	0.442	0.444	0.448	0.446	0.448	0.449	0.451	0.450	0.451
18.1406	0.450	0.446	0.444	0.444	0.445	0.437	0.440	0.443	0.440	0.441
18.1506	0.447	0.448	0.448	0.451	0.450	0.451	0.450	0.446	0.446	0.445
18.1606	0.445	0.440	0.441	0.441	0.442	0.442	0.446	0.448	0.444	0.447
18.1706	0.452	0.449	0.451	0.447	0.446	0.445	0.445	0.445	0.441	0.439
18.1806	0.442	0.442	0.444	0.445	0.448	0.447	0.451	0.452	0.451	0.447
18.1906	0.450	0.444	0.446	0.447	0.441	0.441	0.440	0.440	0.442	0.444
18.2006	0.448	0.448	0.447	0.450	0.453	0.451	0.450	0.449	0.443	0.446
18.2106	0.445	0.440	0.440	0.441	0.440	0.443	0.449	0.448	0.444	0.446
18.2206	0.449	0.449	0.450	0.447	0.446	0.443	0.447	0.444	0.438	0.440
18.2306	0.443	0.442	0.445	0.447	0.446	0.447	0.449	0.451	0.448	0.449
18.2406	0.445	0.444	0.443	0.443	0.445	0.441	0.439	0.441	0.444	0.447
18.2506	0.447	0.446	0.448	0.450	0.450	0.451	0.448	0.444	0.441	0.445
18.2606	0.447	0.444	0.440	0.438	0.440	0.442	0.445	0.449	0.447	0.448
18.2706	0.453	0.452	0.450	0.449	0.446	0.445	0.442	0.443	0.439	0.439
18.2806	0.441	0.441	0.442	0.447	0.446	0.446	0.448	0.453	0.447	0.450
18.2906	0.443	0.444	0.443	0.445	0.439	0.437	0.437	0.440	0.440	0.443
18.3006	0.446	0.444	0.446	0.450	0.451	0.449	0.448	0.448	0.442	0.441
18.3106	0.444	0.442	0.439	0.437	0.441	0.444	0.444	0.446	0.445	0.449
18.3206	0.450	0.449	0.450	0.446	0.445	0.441	0.443	0.443	0.439	0.439
18.3306	0.439	0.442	0.440	0.445	0.446	0.445	0.448	0.452	0.451	0.451
18.3406	0.448	0.446	0.444	0.444	0.443	0.436	0.440	0.441	0.439	0.442
18.3506	0.450	0.447	0.445	0.450	0.451	0.448	0.447	0.447	0.443	0.441
18.3606	0.444	0.443	0.437	0.436	0.439	0.441	0.443	0.447	0.445	0.447
18.3706	0.450	0.451	0.448	0.448	0.444	0.441	0.442	0.441	0.441	0.440
18.3806	0.441	0.438	0.446	0.446	0.446	0.447	0.449	0.451	0.453	0.450
18.3906	0.448	0.442	0.441	0.445	0.444	0.442	0.441	0.442	0.440	0.444
18.4006	0.447	0.445	0.445	0.452	0.449	0.447	0.450	0.447	0.441	0.444
18.4106	0.446	0.442	0.438	0.440	0.439	0.439	0.444	0.447	0.447	0.447
18.4206	0.446	0.448	0.448	0.448	0.446	0.441	0.443	0.441	0.440	0.437
18.4306	0.439	0.442	0.440	0.446	0.443	0.445	0.450	0.449	0.448	0.446
18.4406	0.449	0.440	0.442	0.438	0.443	0.437	0.439	0.442	0.442	0.446
18.4506	0.445	0.447	0.445	0.447	0.447	0.449	0.448	0.443	0.445	0.442
18.4606	0.443	0.443	0.441	0.439	0.440	0.440	0.444	0.445	0.444	0.447
18.4706	0.453	0.450	0.448	0.448	0.445	0.446	0.441	0.443	0.440	0.438
18.4806	0.440	0.440	0.443	0.443	0.445	0.446	0.445	0.449	0.450	0.447
18.4906	0.446	0.445	0.440	0.442	0.439	0.436	0.439	0.438	0.436	0.444

TEST M3 FINAL TRANSIENT 2599 (1 ms Data) PT2L MPA RECORD = 156

TIME	+ 0.0000	+ 0.0010	+ 0.0020	+ 0.0030	+ 0.0040	+ 0.0050	+ 0.0060	+ 0.0070	+ 0.0080	+ 0.0090
18.5006	0.445	0.444	0.449	0.450	0.449	0.448	0.447	0.443	0.445	0.441
18.5106	0.441	0.443	0.438	0.440	0.438	0.442	0.443	0.448	0.446	0.448
18.5206	0.450	0.447	0.451	0.448	0.444	0.441	0.441	0.442	0.437	0.439
18.5306	0.439	0.441	0.442	0.444	0.446	0.443	0.450	0.450	0.447	0.447
18.5406	0.445	0.445	0.441	0.444	0.441	0.437	0.439	0.440	0.440	0.442
18.5506	0.442	0.442	0.445	0.447	0.448	0.447	0.444	0.446	0.441	0.441
18.5606	0.443	0.440	0.437	0.437	0.439	0.439	0.443	0.444	0.446	0.444
18.5706	0.450	0.448	0.448	0.446	0.440	0.438	0.441	0.440	0.436	0.439
18.5806	0.439	0.439	0.441	0.446	0.445	0.444	0.446	0.450	0.448	0.449
18.5906	0.447	0.442	0.441	0.441	0.442	0.439	0.438	0.438	0.438	0.441
18.6006	0.445	0.443	0.443	0.448	0.449	0.447	0.445	0.440	0.438	0.442
18.6106	0.444	0.437	0.437	0.437	0.438	0.439	0.444	0.447	0.446	0.446
18.6206	0.446	0.446	0.446	0.449	0.442	0.441	0.444	0.443	0.438	0.436
18.6306	0.436	0.438	0.441	0.442	0.444	0.442	0.447	0.451	0.446	0.445
18.6406	0.443	0.443	0.440	0.443	0.445	0.435	0.438	0.438	0.440	0.441
18.6506	0.446	0.445	0.445	0.446	0.445	0.446	0.447	0.445	0.439	0.443
18.6606	0.442	0.440	0.438	0.439	0.440	0.444	0.444	0.446	0.444	0.446
18.6706	0.449	0.448	0.450	0.446	0.441	0.441	0.441	0.444	0.438	0.436
18.6806	0.437	0.439	0.440	0.441	0.443	0.446	0.446	0.449	0.447	0.448
18.6906	0.442	0.442	0.440	0.441	0.439	0.437	0.438	0.437	0.437	0.443
18.7006	0.444	0.445	0.445	0.447	0.446	0.446	0.447	0.439	0.439	0.440
18.7106	0.441	0.437	0.436	0.437	0.438	0.443	0.442	0.446	0.445	0.445
18.7206	0.447	0.449	0.448	0.448	0.442	0.437	0.439	0.442	0.439	0.437
18.7306	0.437	0.441	0.438	0.442	0.444	0.442	0.447	0.448	0.443	0.445
18.7406	0.443	0.442	0.439	0.442	0.441	0.435	0.437	0.439	0.439	0.441
18.7506	0.442	0.441	0.438	0.446	0.444	0.447	0.446	0.443	0.441	0.440
18.7606	0.440	0.436	0.435	0.434	0.437	0.441	0.441	0.444	0.443	0.444
18.7706	0.449	0.447	0.448	0.444	0.439	0.442	0.440	0.441	0.435	0.435
18.7806	0.439	0.437	0.441	0.446	0.444	0.442	0.446	0.446	0.445	0.447
18.7906	0.444	0.440	0.439	0.440	0.440	0.435	0.439	0.437	0.438	0.440
18.8006	0.445	0.445	0.442	0.446	0.447	0.446	0.445	0.439	0.437	0.438
18.8106	0.439	0.437	0.435	0.436	0.439	0.438	0.443	0.444	0.443	0.445
18.8206	0.447	0.444	0.445	0.444	0.440	0.440	0.438	0.439	0.434	0.436
18.8306	0.437	0.437	0.439	0.442	0.443	0.442	0.443	0.450	0.447	0.446
18.8406	0.443	0.441	0.437	0.439	0.440	0.434	0.440	0.435	0.440	0.441
18.8506	0.443	0.445	0.442	0.447	0.450	0.448	0.444	0.442	0.441	0.439
18.8606	0.441	0.439	0.437	0.436	0.440	0.438	0.443	0.444	0.442	0.445
18.8706	0.448	0.448	0.447	0.443	0.442	0.442	0.439	0.438	0.437	0.435
18.8806	0.437	0.439	0.438	0.443	0.443	0.442	0.443	0.448	0.445	0.447
18.8906	0.446	0.443	0.439	0.442	0.441	0.435	0.433	0.436	0.438	0.441
18.9006	0.441	0.444	0.443	0.447	0.445	0.446	0.444	0.442	0.441	0.439
18.9106	0.442	0.438	0.436	0.435	0.437	0.441	0.442	0.444	0.444	0.443
18.9206	0.448	0.447	0.448	0.443	0.440	0.438	0.436	0.437	0.438	0.436
18.9306	0.435	0.438	0.438	0.441	0.442	0.441	0.445	0.446	0.447	0.447
18.9406	0.440	0.438	0.438	0.438	0.440	0.434	0.434	0.438	0.438	0.441
18.9506	0.443	0.441	0.440	0.448	0.442	0.448	0.446	0.442	0.438	0.438
18.9606	0.440	0.436	0.436	0.434	0.436	0.439	0.440	0.443	0.442	0.444
18.9706	0.447	0.443	0.443	0.443	0.441	0.436	0.438	0.441	0.434	0.437
18.9806	0.437	0.439	0.440	0.443	0.443	0.439	0.446	0.444	0.447	0.443
18.9906	0.443	0.438	0.438	0.443	0.440	0.436	0.436	0.438	0.438	0.441