

# Pulse discharge behavior of relaxor dielectric multilayer ceramic capacitors

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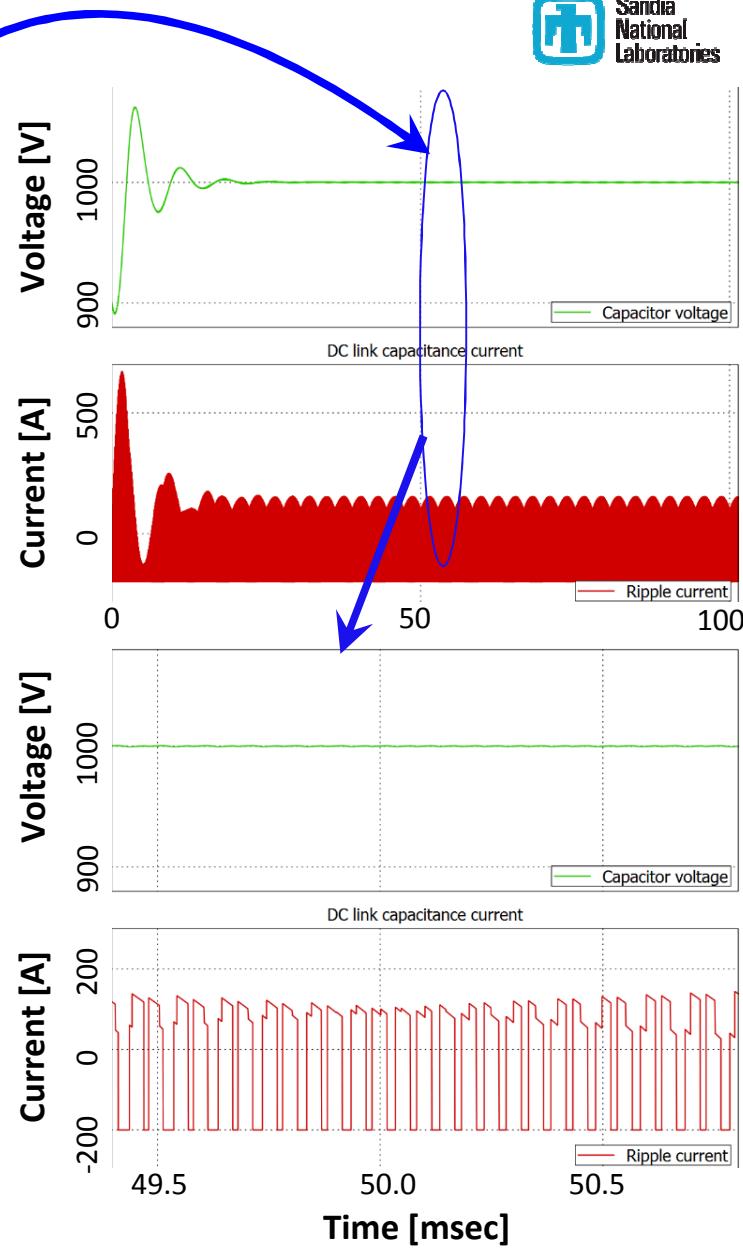
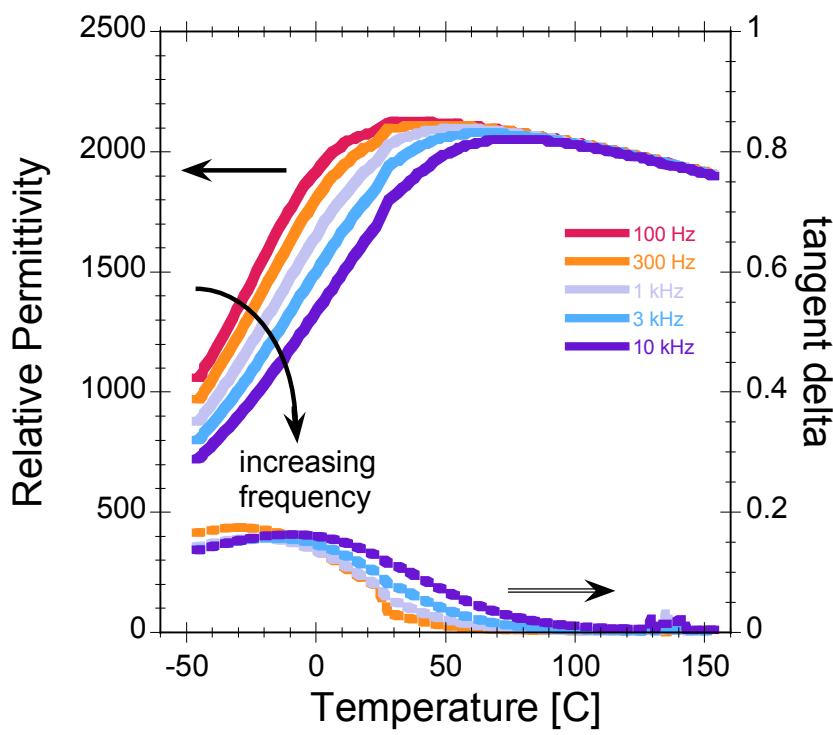
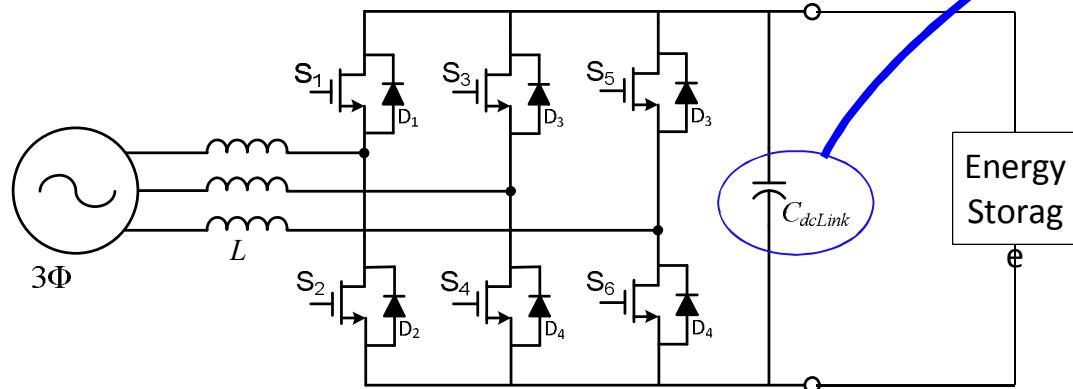


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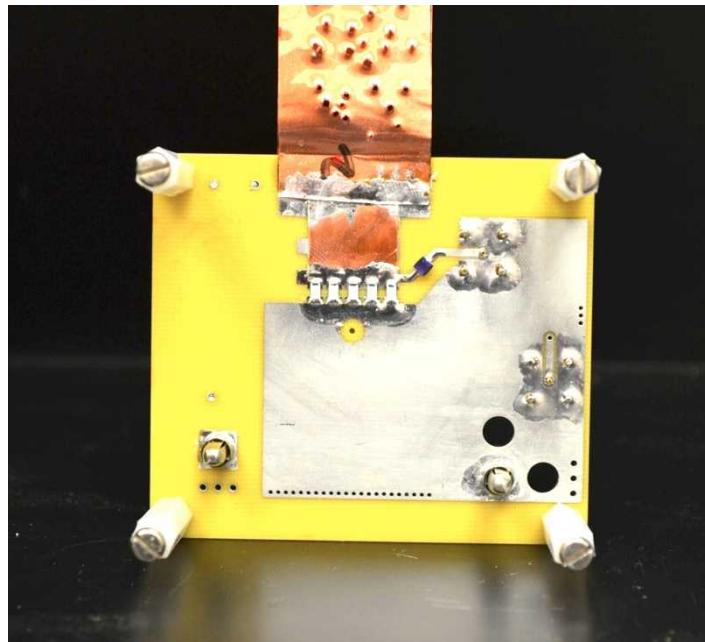
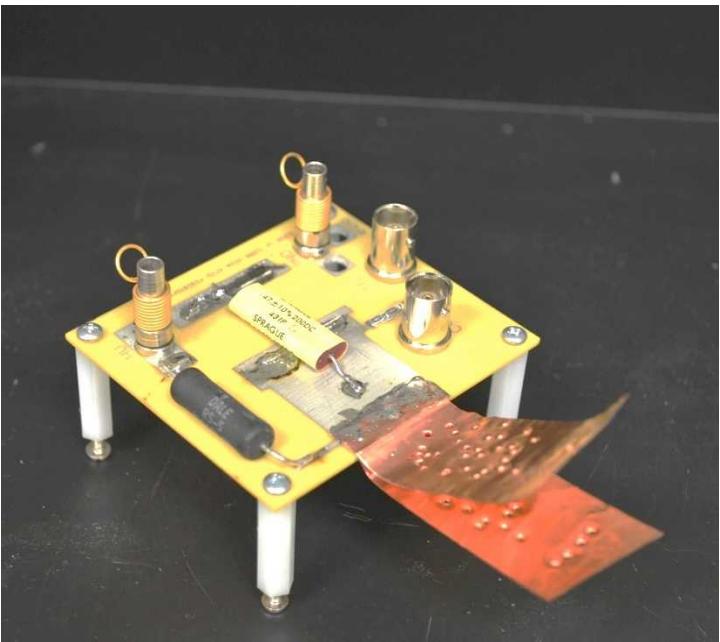
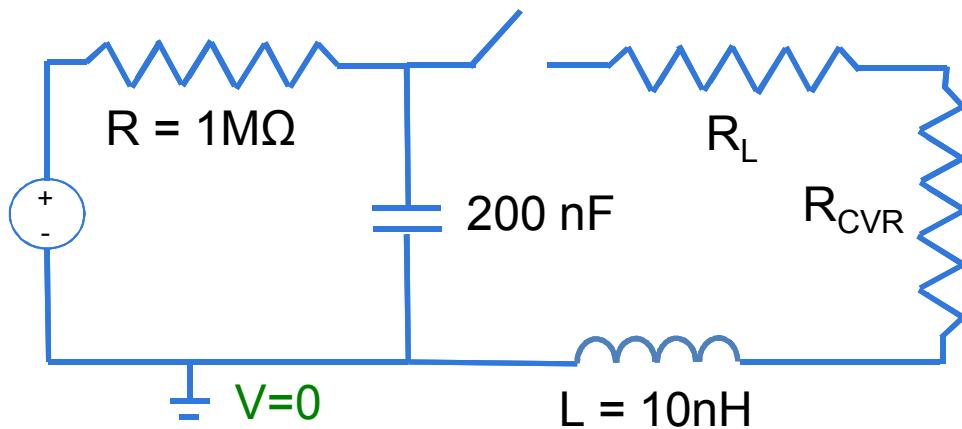
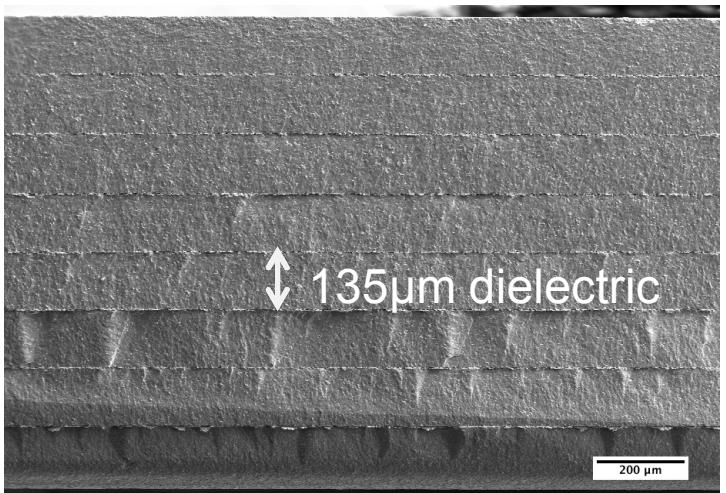


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# Application Space

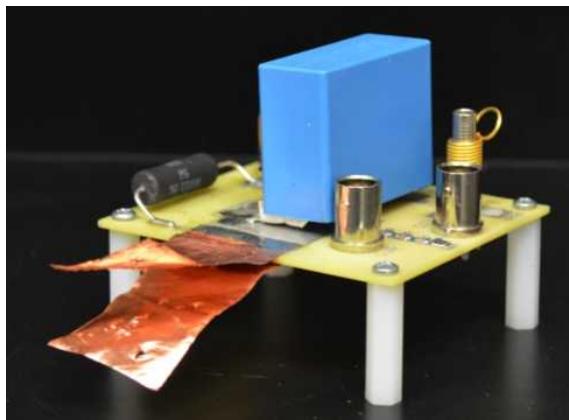
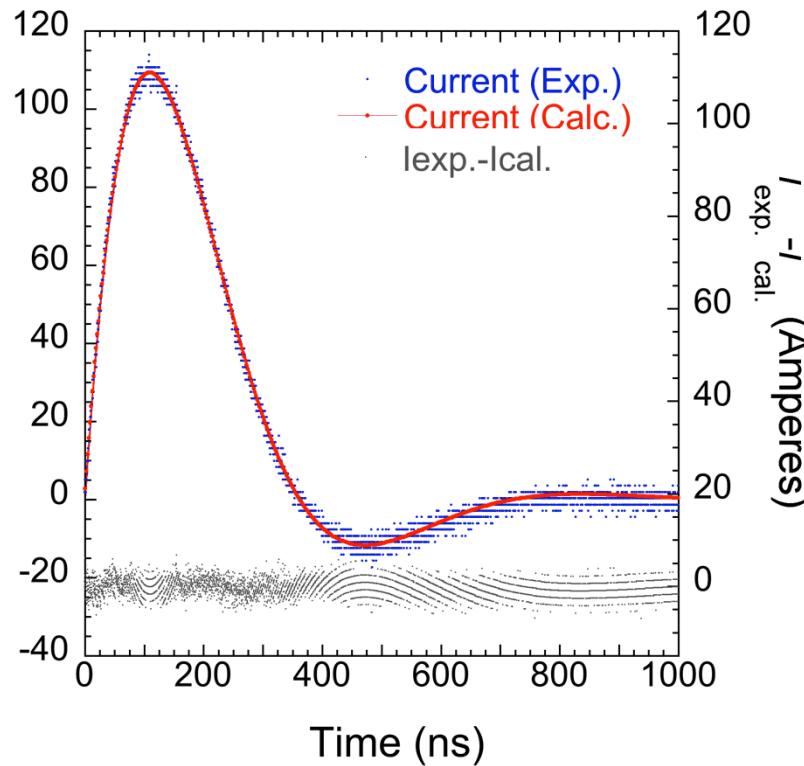


# Hardware

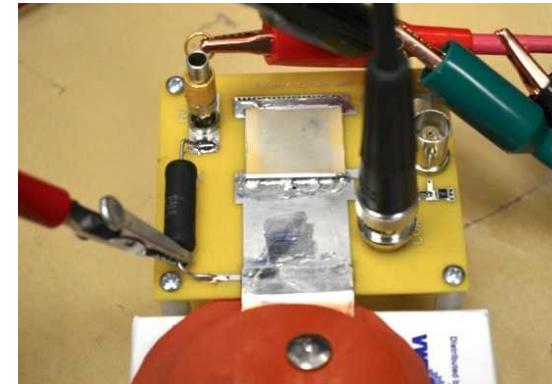
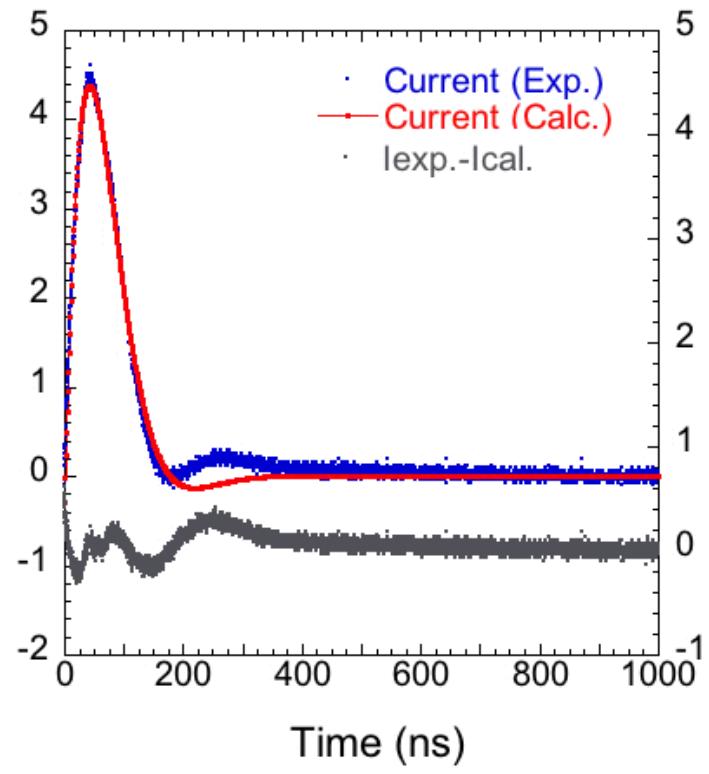


# Testing

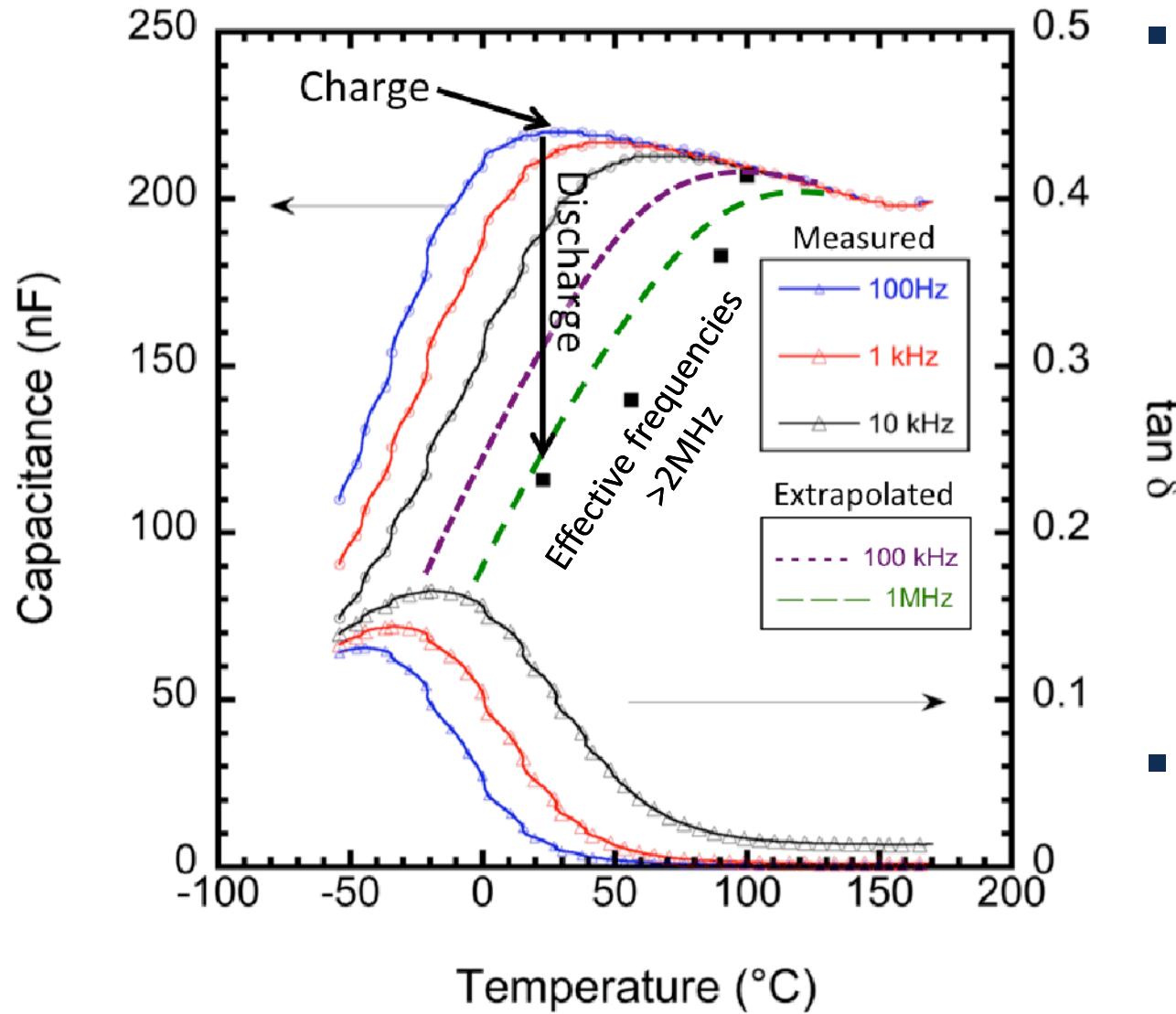
Current (Amperes)



Current (Amperes)



# Time Domain Performance



- Relaxor dielectrics exhibit characteristic frequency dispersion over relatively broad temperature ranges
  - For switched inverter designs which charge slowly and discharge quickly at irregular intervals, which values are relevant?
- Direct time-domain measurements map well to frequency domain data