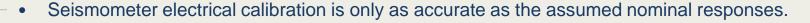
## Challenges in seismometer electrical calibration: A case study preparing for a station recapitalization

LIGHTNING

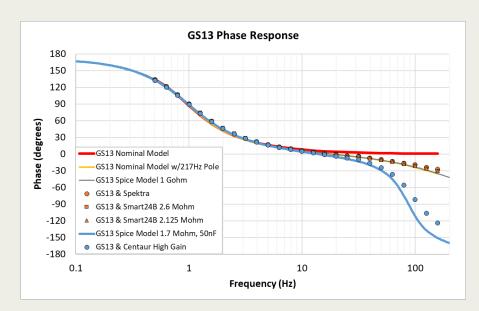
John Merchant & Doug Bloomquist Sandia National Laboratories

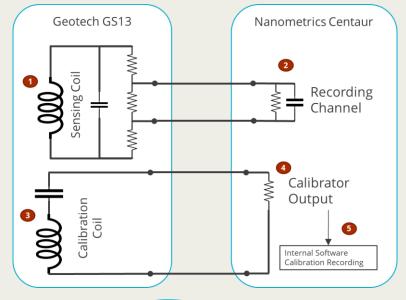
P3.1-178



- New instrumentation configurations can challenge that assumption, as evidenced by testing of equipment for the planned digitizer replacement at NVAR.
- We show the results of applying metrologically traceable calibration methods to seismic instrumentation to validate the performance of the seismometer and its calibration circuits.







Sandia National Laboratories is a multimission laboratory managed and operated by National Technology and Engineering Solutions of Sandia LLC, a wholly owned subsidiary of Honeywell International Inc. for the U.S. Department of Energy's National Nuclear Security Administration under contract DE-NA0003525