

HRPPD Meeting #19 Update

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U.S. DEPARTMENT
of ENERGY



Current Status

Tasks:

- **Priority tasks**

- Verify HRPPD files from Kyocera
 - Importing to Altium to check
 - Need group to verify mechanical features
- FCFD testing
 - Prioritize FCFD board for testing at CERN
 - Working on known charge test board
- Interposer order by June 1
 - Interposer vertical tolerance stackup updated for standard screw lengths

- **Upcoming items**

- N/A

- **Open items:**

- N/A

- **FCFD Test Board**

- Received FCFD boards Wed 3/11
- Regulators arriving 3/25
- Received 1 board 3/30; will overnight partial shipment of 3 boards as soon as I receive and test
- Received by BNL 4/6!
- Wirebonded first article and smoke test complete 4/13!

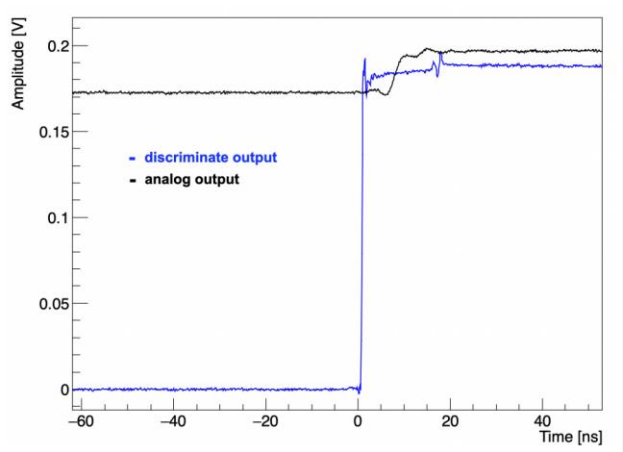
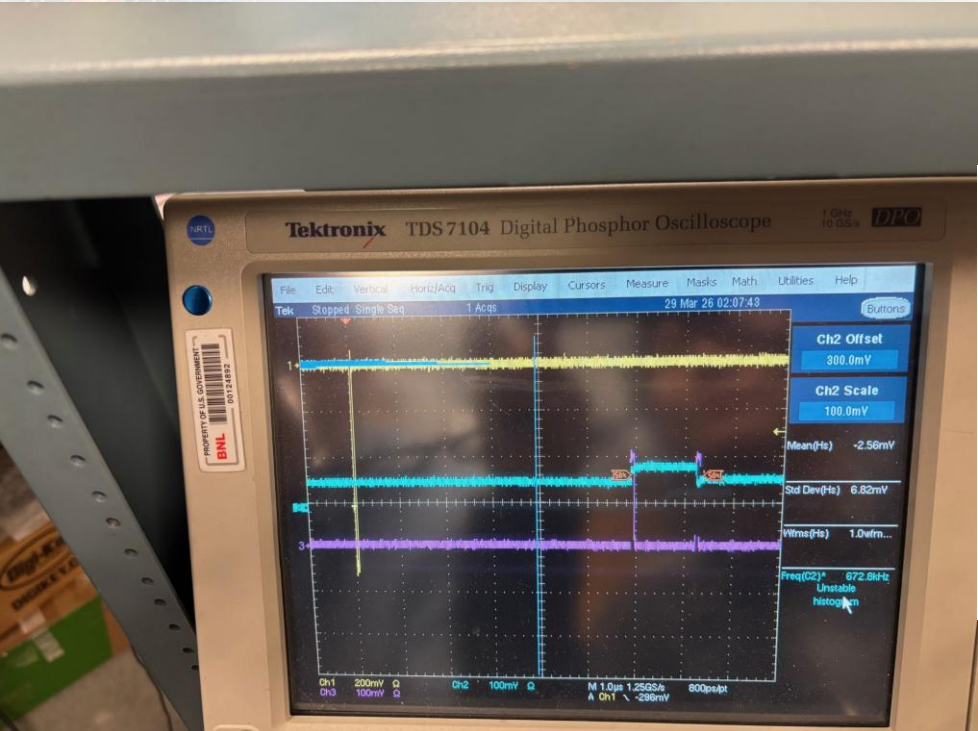
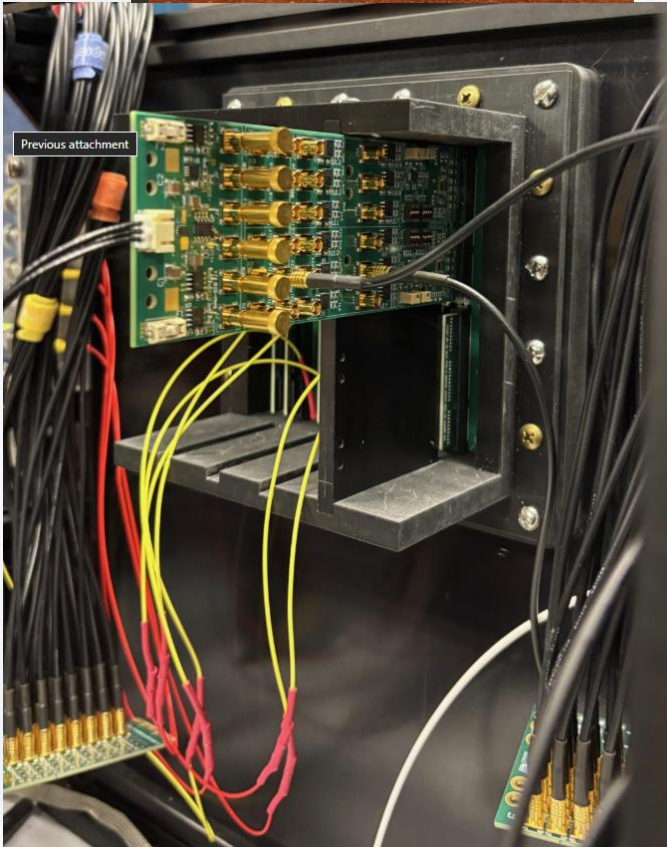
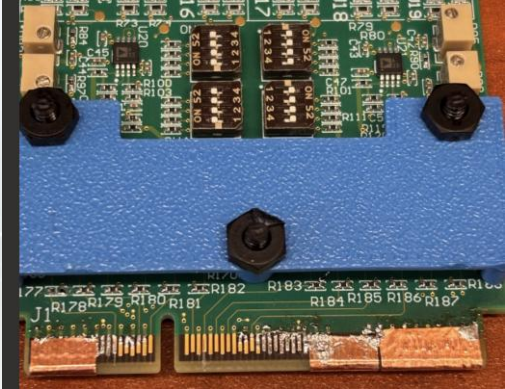
No update

- **Backplane Changes**

- See action item list

FCFD Update

- Termination resistors are not working at all
 - Will need to remove from boards until fixed, must keep HRPPD charge $< \sim 70$ fC, although tested with very high charge (300 fC) and FCFD may still be work
- Takao interfaced FEB with HRPPD
 - Modifications: copper tape + soldering for ungrounded signals



Appendix