

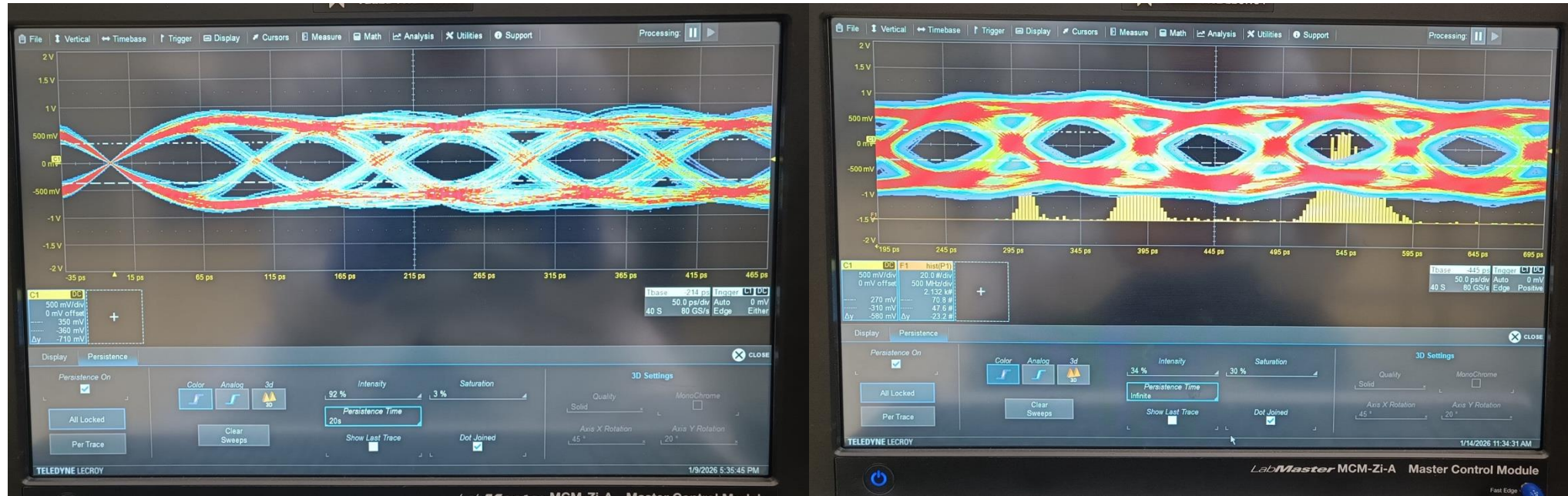
Status update

- Yesterday: ITS3 plenary – good readiness and training on 28 Feb.
 - Tomorrow: start installation of hardware in DSF at our wafer prober
- Reviewing parameters for ITS3's impedance/powering setups
- Investigation of feasibility/potential of laser on wafer prober
 - Low chance of useful outcome: Non-controllable charge deposition (metal stack scatter, beam sizes – depends on). Possible: try for uniformity measurement across matrix – however requires sub-micron accuracy
 - Can still try: there is laser equipment available from ITS3 if we want to give it a shot (this will require accepting multi-week downtime on wafer probing)

Status update

- Radioactive sources – options (ok for DSF responsables):
 - Use sources available in DSF (C14, Sr90, Fe55 – weak but easy to test)
 - Request new (strong) Fe55 source (none at cern – could ask for quote)
 - Borrow source from ITS3 (CERN internal transfer request needed)
 - Likely can make prelim tests without new platen
- Review of Stefano's flexes (great job!) -> in production
 - Additional round with caps (?)
- Understand common mode and transceivers on FPGAs
 - Termination
 - Test fixtures for cable tests <> cables ordered

Status update



- Understand common mode and transceivers on FPGAs
 - Termination
 - Test fixtures for cable tests <> cables ordered

Status update

- Radioactive sources – options (ok for DSF responsables):
 - Use sources available in DSF (C14, Sr90, Fe55 – weak but easy to test)
 - Request new (strong) Fe55 source (none at cern – could ask for quote)
 - Borrow source from ITS3 (CERN internal transfer request needed)
 - Likely can make prelim tests without new platen
- Review of Stefano's flexes (great job!) -> in production
 - Additional round with caps (?)
- Understand common mode and transceivers on FPGAs
 - Termination
 - Test fixtures for cable tests <> cables ordered
- Papers:
 - Large MOSS paper accepted after revision (NIMA, waiting for proof)
 - Metal stack paper came back with minor revisions (IEEE, me writing it)