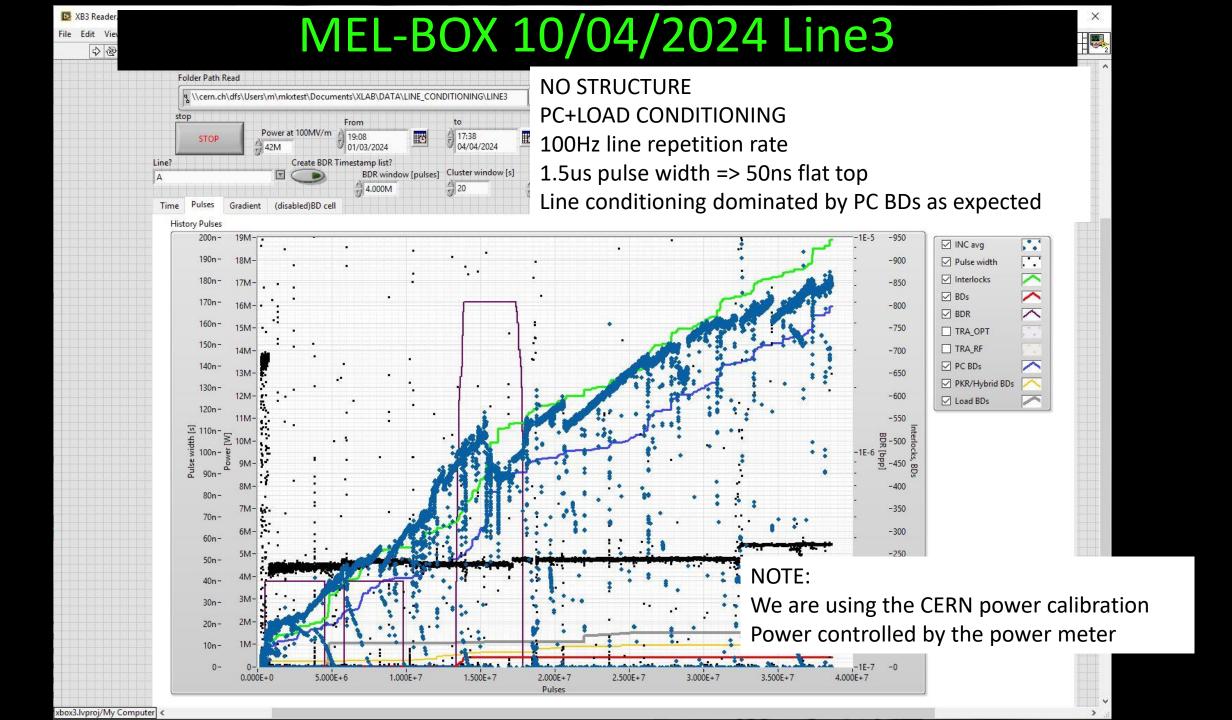
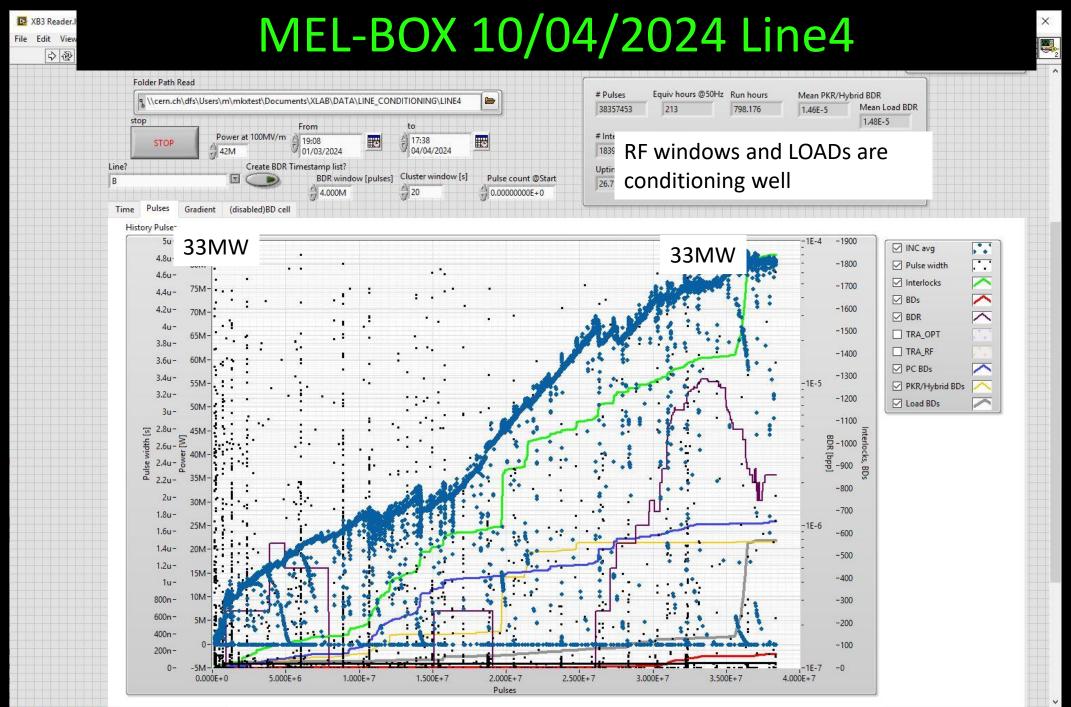
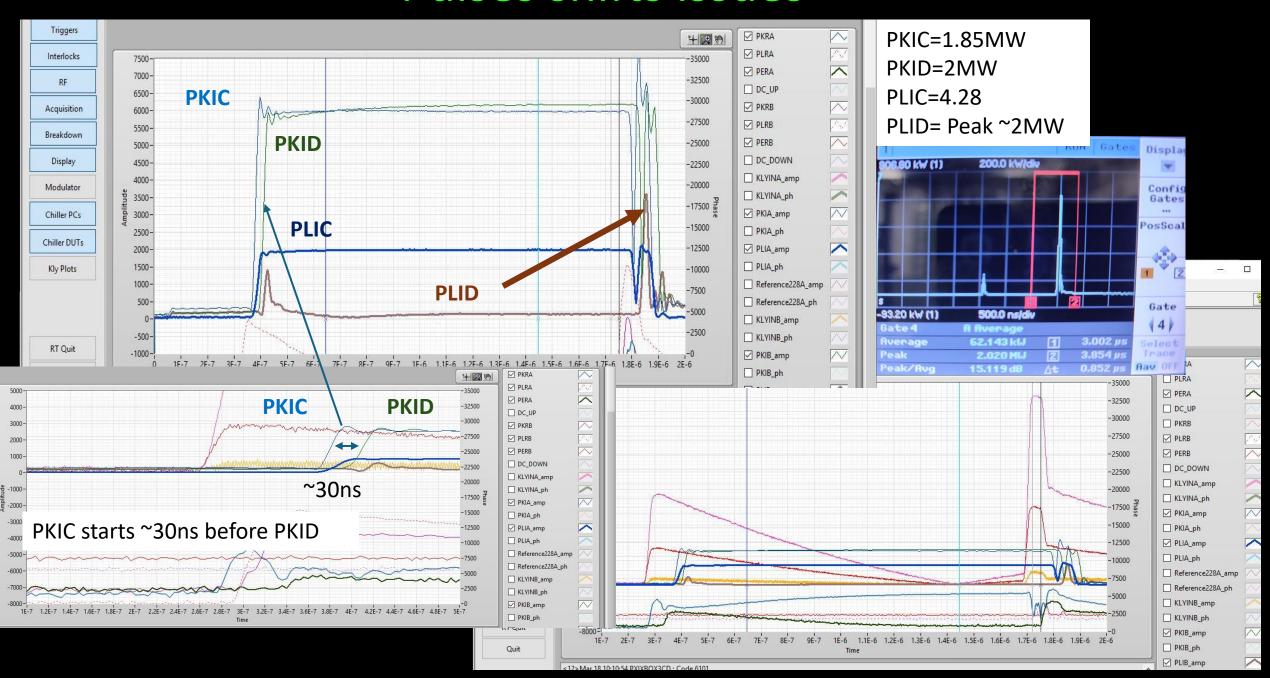
XLAB update

- □ X-band test stand facility is operating at 100% of its previous assembly level at CERN.
 - Line conditioning (full system without structures) is currently underway.
- The next step
 - Calibration: DONE TODAY
 - □ With stable temperature (rooms and LLRF rack) we repeat the attenuation calibration
 - PXI power calibration (power meter)
 - Bead pull (setup the lab.)
- □ Spectrometer update, news?
- Purchase through CERN: NEXTorr, SMC chillers, RF components (variable power splitter/phase shifter-quotes?)...
- □ CANON Klystron E37113 out of stock. New E37123 is in stock at CETD for JPY 16.6M ~100k CHF
- Summer student
- The radiation license is on standby, but we have received the green light to proceed with the project.

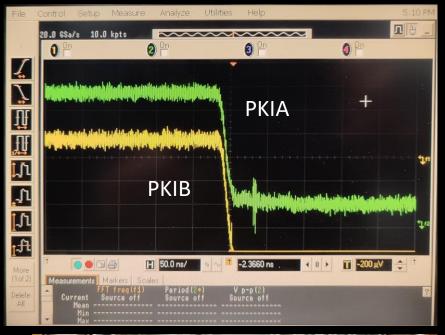




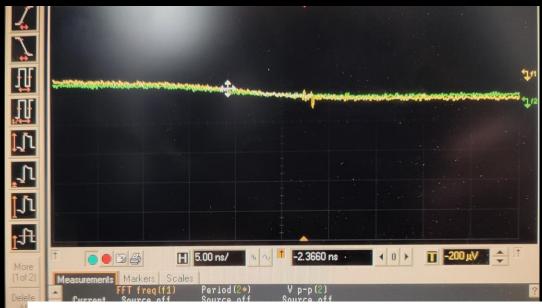
Pulses shifts issues



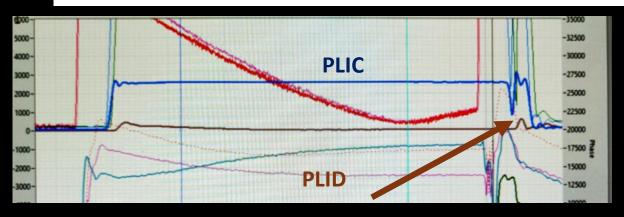
Time shifted by adding 2m of cables







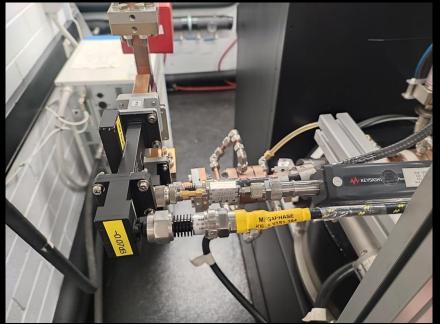
We check the delay between the two KLY outputs,
We saw a delay of about 6ns => then we add 2m cables
The PLID spikes have been drastically reduced
Next step: time finetuning with software.



Calibration







Bead pull setup

