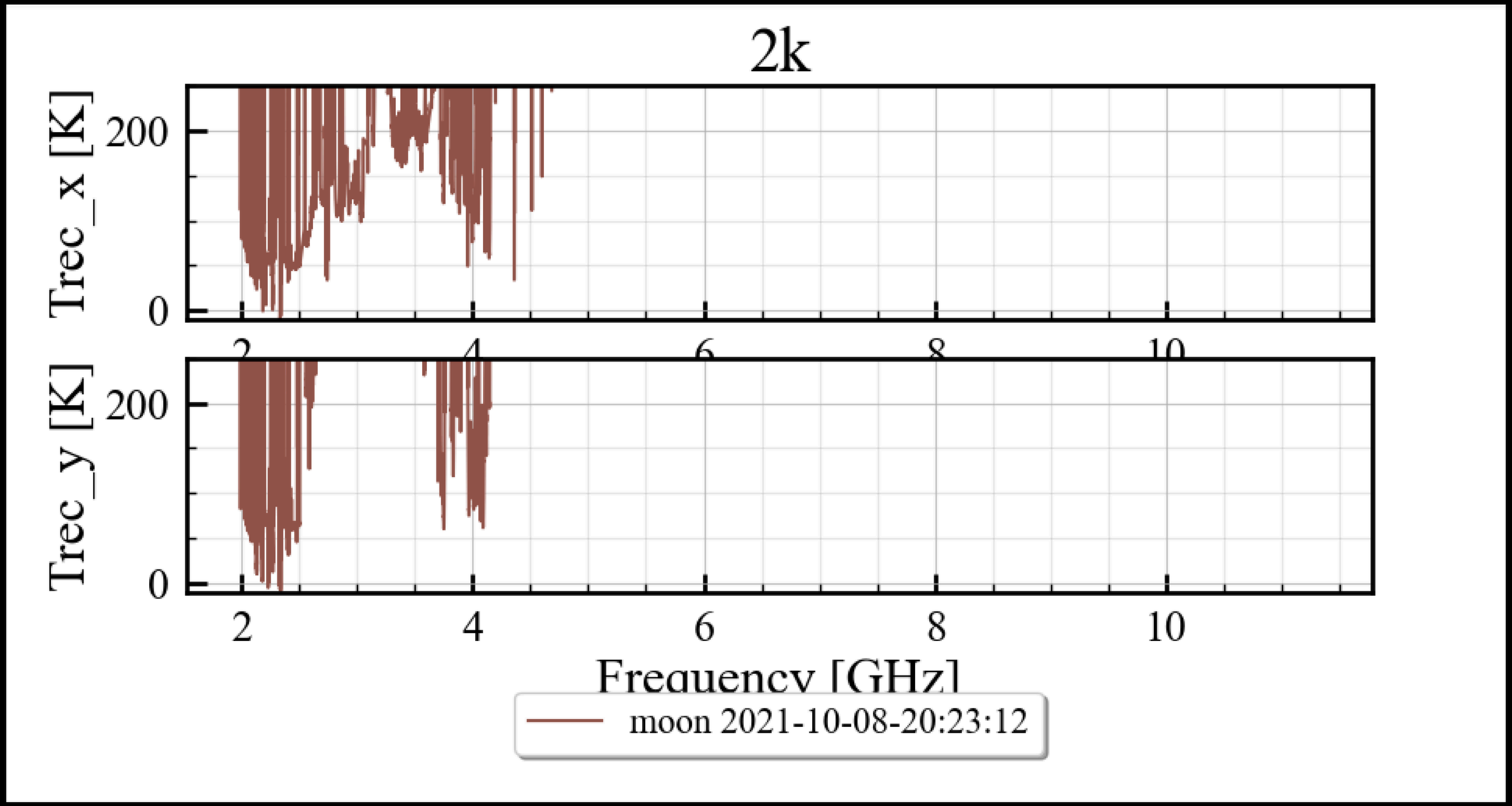
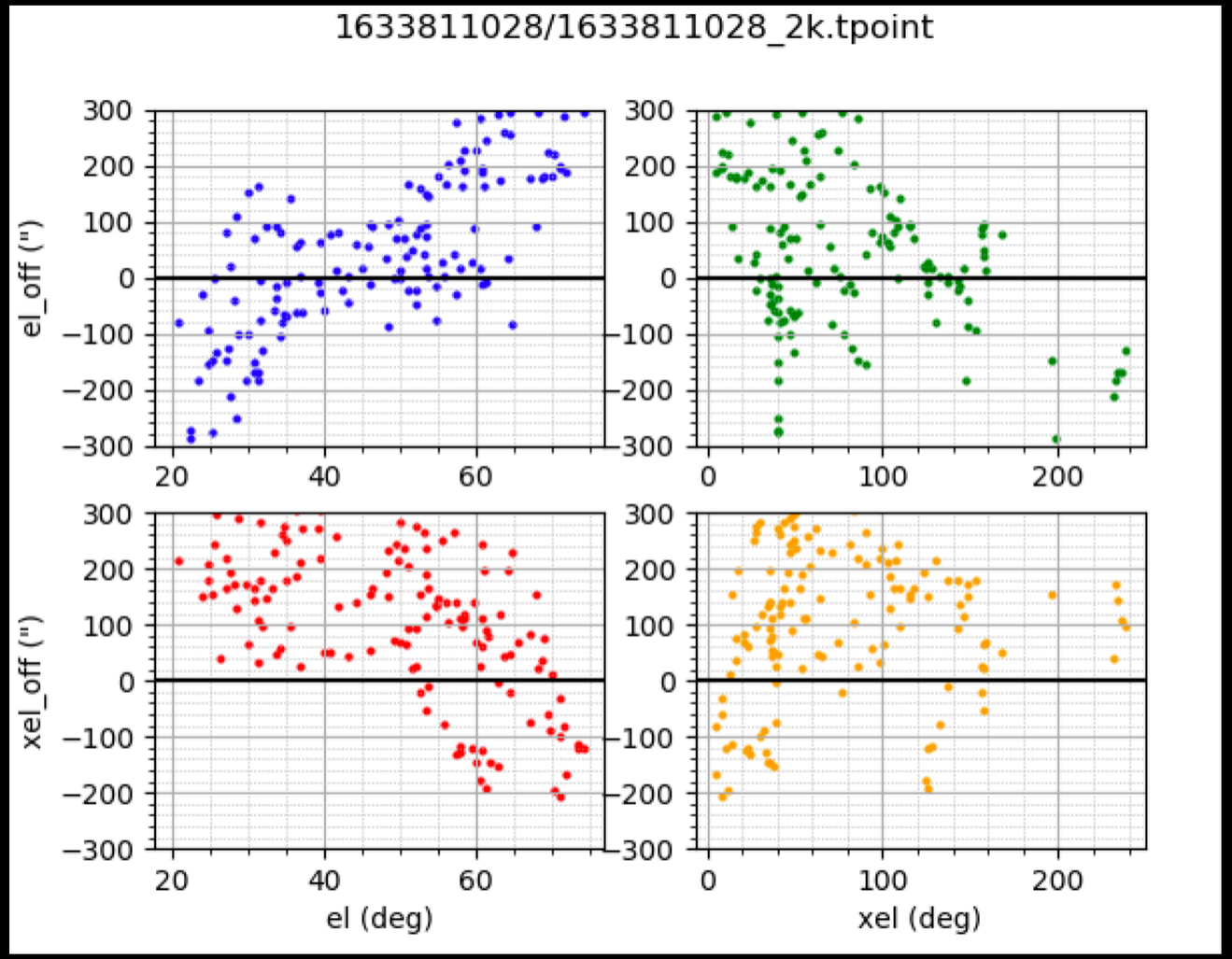
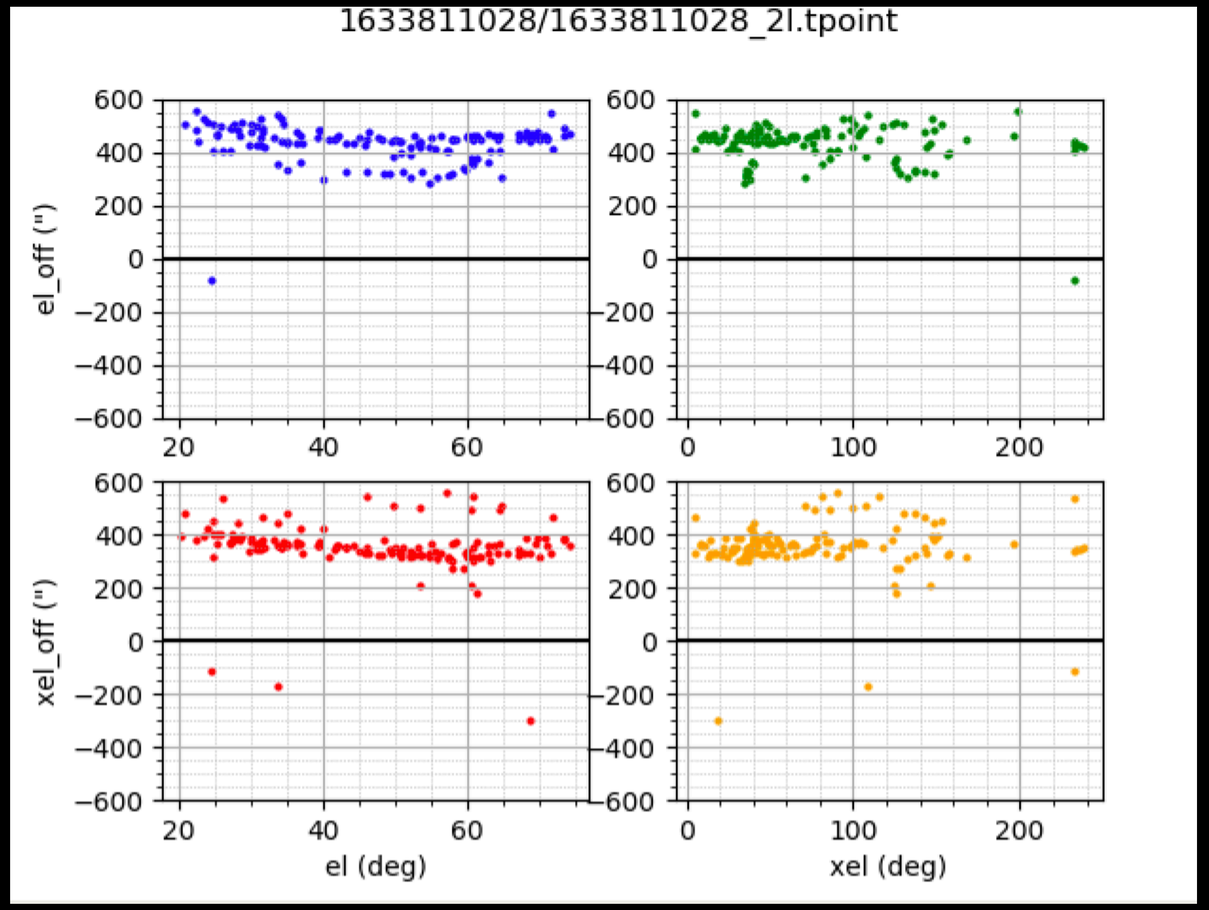
2k - Pointing calibration

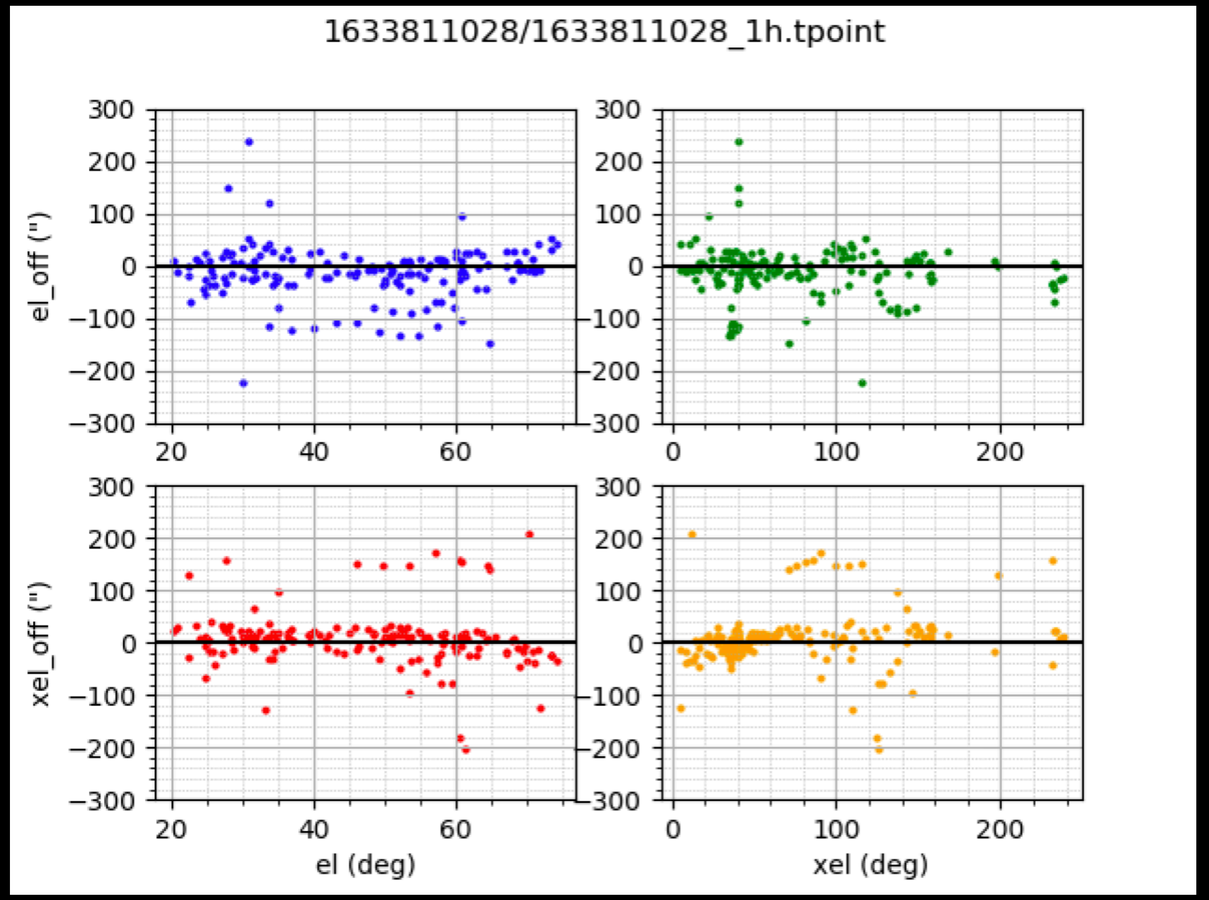


Measured offsets

- Scatter in pointing offsets
- Obvious issues with 1k
- Investigation underway




1633811028/1633811028_2l.tpoint
el_off (")
xel_off (")
el (deg)
xel (deg)


1633811028/1633811028_1h.tpoint
el_off (")
xel_off (")
el (deg)
xel (deg)

Timeline

- 8-bit mode with all antennas (no delay engine) - October 15th
- Network ingest test + write-to-disk tests - October 22nd
- Interface with GPU-beamforming library - October 31st.
- 8-bit mode + delay firmware - November 7th
- Calibration runs, phase stability, beam forming efficiency - November 22nd
- Real-time beam forming operations - December 15th