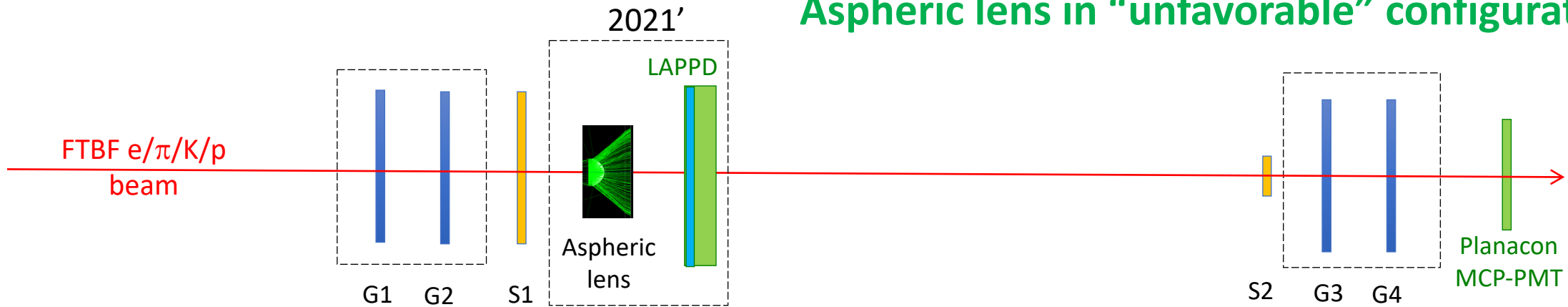
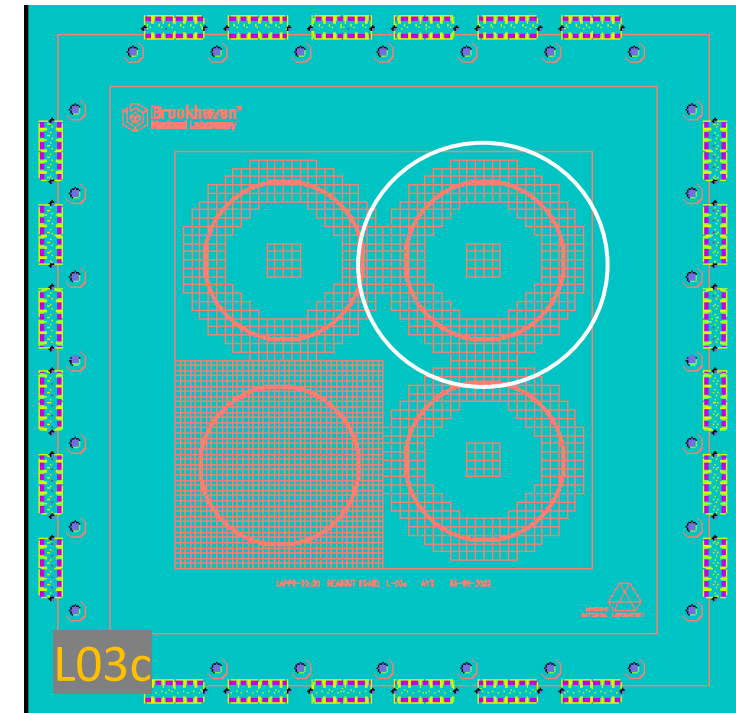
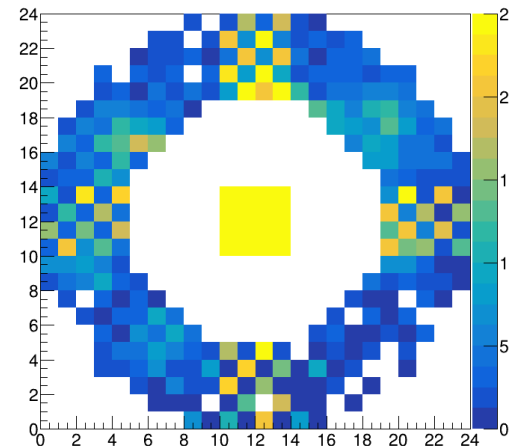


Last night update

Aspheric lens in “unfavorable” configuration



- Mark, Sanghwa and Ali installed and HV conditioned the new tile 136
- Along the way shortened to ground the central 4x4 pixel area, as agreed upon during the meeting yesterday
- Signal amplitudes are somewhat low
- Replaced the failing XYZ stage controllers by the new ones with a display; use in a manual mode
- DAQ misbehaves in a number of ways; remotely controlled power strip for the VME crate installed
- Yet a Z-scan with the lens is being taken by Sanghwa



Other issues, and plans for today

- Action items for today:
 - Decide what to do with the translation stages:
 - (A) use the new USB controllers with a display & operate manually
 - **(B) set up a Windows PC with a remote access**
 - Try to increase LAPPD high voltage settings (both the photocathode and the dV?)
 - Tune the clustering code (delays, attenuation) on the data with the aspheric lens taken last night
 - (Junqi): once the CaF₂ radiators arrive, install them on the Planacon(s)
 - Aspheric lens requires tampering in this “unfavorable” configuration -> do it today
 - Continue with bug “fixes” in the (seemingly V1742 and serial control?) drivers
 - (Sanghwa, Craig): prepare for the beam line Cherenkov operation