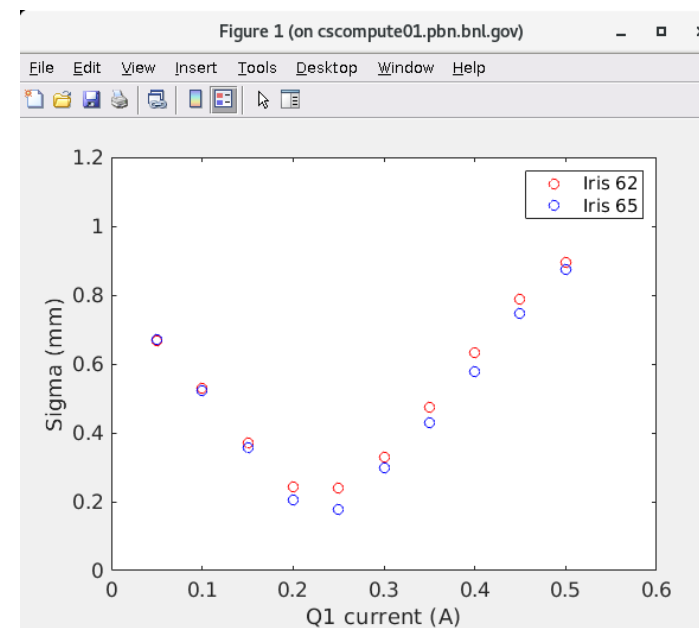
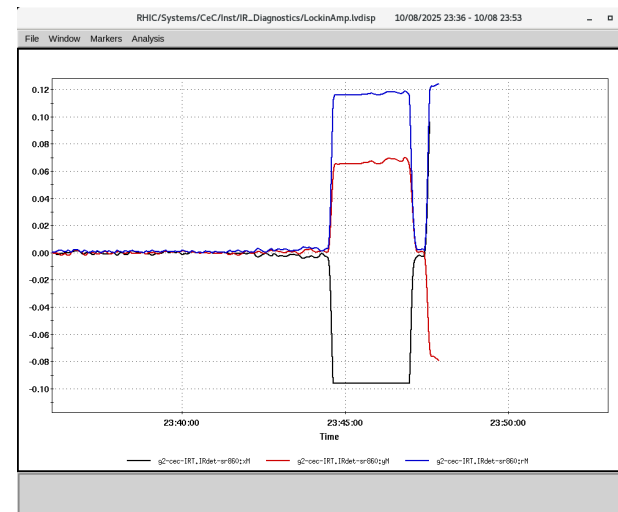


CeC status, 10/14/25

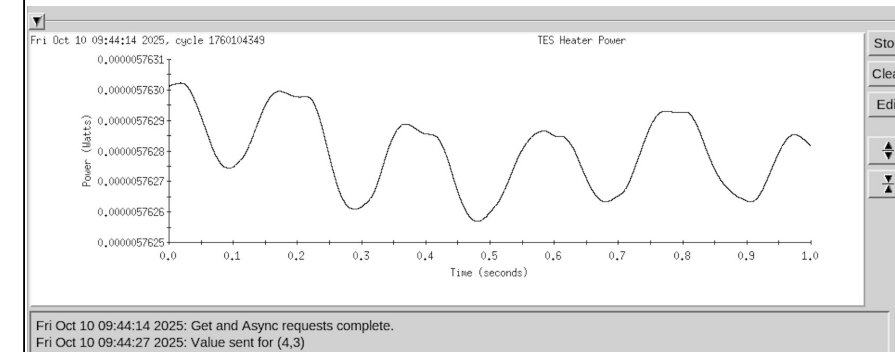
- Identify the initial condition after booster cavity by matching simulation with experimental data.
- Matching into common section will be tested when we are allowed to insert yag screen.
- Study where is the large IR signals coming from with elevated bunching voltage and weak bolometer signal. (over-bunch? Beam noise? Alignment?).
- Gun experienced real quenches at lower voltages so He conditioning is being prepared to restore its performance.



Measured beam size to match



Pyro, strong signal



Bolometer, weak signal, only visible with high bunching voltage