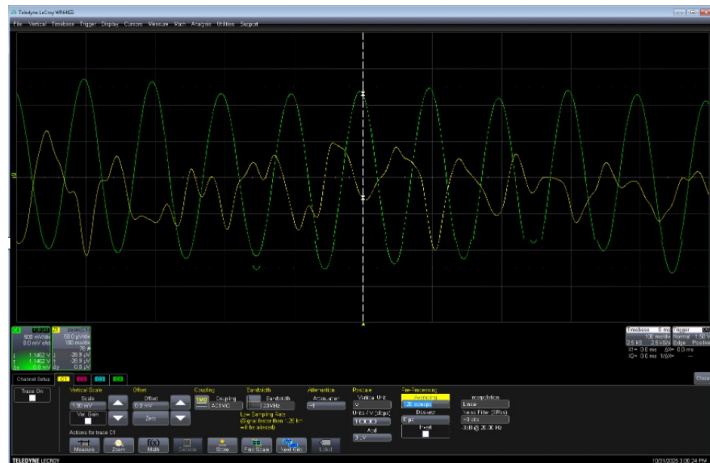


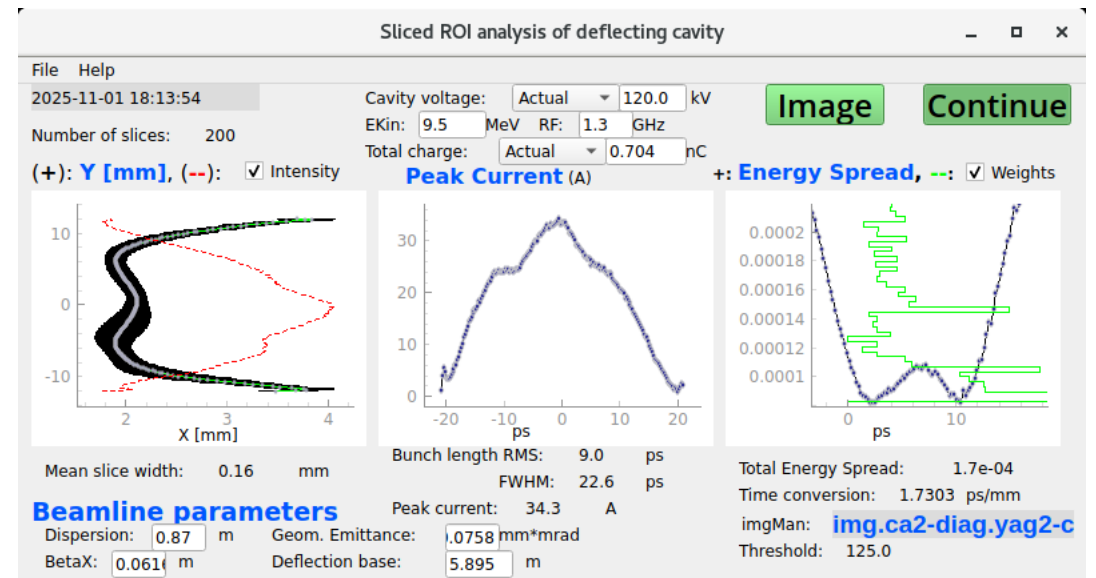
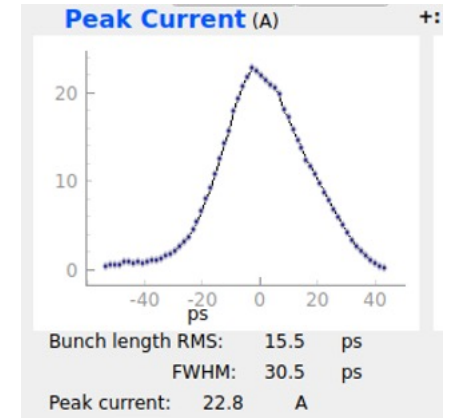
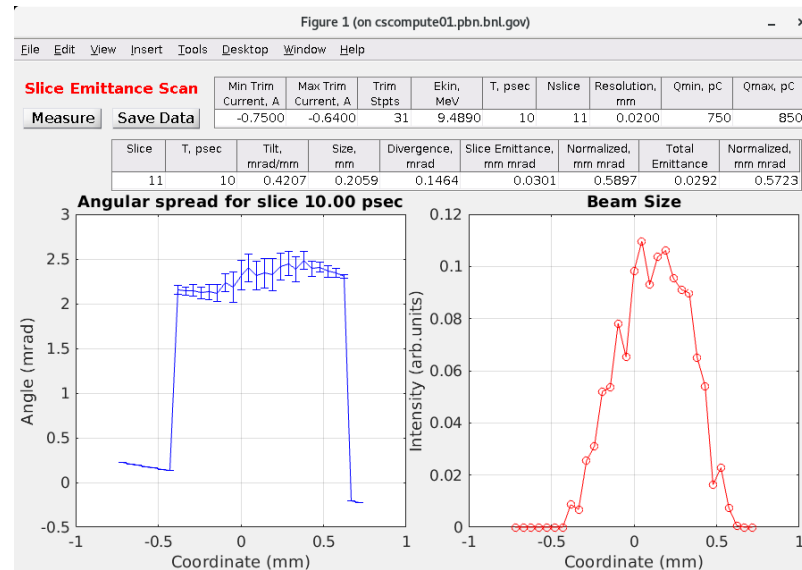
# CeC status, 11/4/25

## Continue to improve electron beam quality

- Beam KPPs for 800 pC bunch charge
  - Peak current > 20 A
  - Normalized slice emittance  $\sim 0.5 - 0.6 \mu\text{m}$
  - Slice energy spread <  $1.2\text{e-}4$
- Next step is to improve uniformity in average slice energy
- IR signal visible using bolometers with test lamp. Next step is to observe using electron beam.



Bolometer signal on scope with test lamp (Yellow, 128 average).



18:13:56 Paused