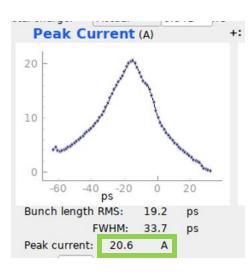
## CeC status - 10/28/25

Restore CeC operation after He conditioning.

- We re-established measurements of beam's key performance parameters:
  - Peak current 18-20 A
  - Slice energy spread ~ 1.5e-4
  - Slice emittance 0.8-0.9 mm mrad
  - Projected emittance ~1.1 mm mrad
- We established initial condition of TWISS for core slice's of the beam for matching of slices into the PCA.
- SRF gun starts to have poor regulation on its amplitude (very large variation, sigma ~ 0.5 kV, 10 kV p2p, mean ~ 1250 kV). RF group is working on the control, later an air blower was found dying.



Slice emit. Proj. emit.

