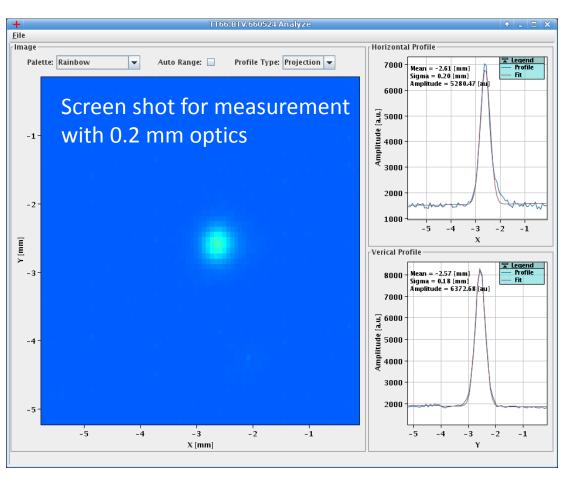
# SPS LHC type beams

- BCMS up to 3 x 48 bunches: bunch intensity 1.15e+11, 1.7-1.8 um emittance
- Doublet beam: damper setting up done
- Q22: heavily used for high-bandwidth feedback MD
- LHC50NS preparation ongoing.
  - 24 bunches per batch
- HiRadMat: screens at experiments with correction for forward
  OTR more consistent beam size measurements

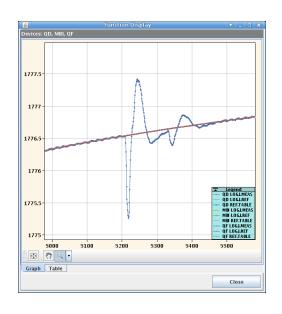
## HiRadMat beam size measurement

Systematic studies still to come

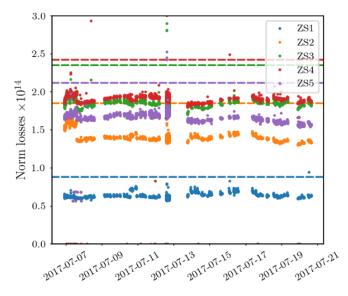


# Fixed Target Beam

- QF glitches back?
  - EPC is already investigating

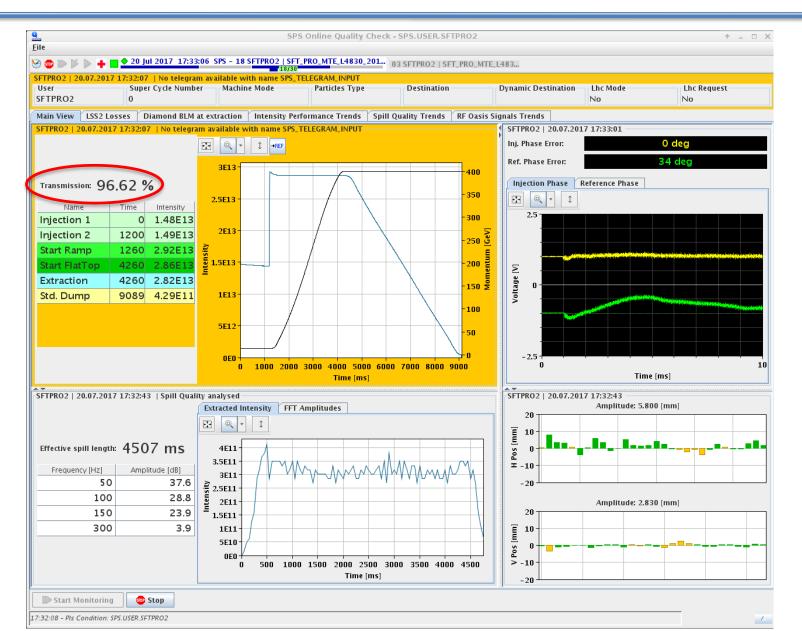


#### Normalized losses on ZS very stable



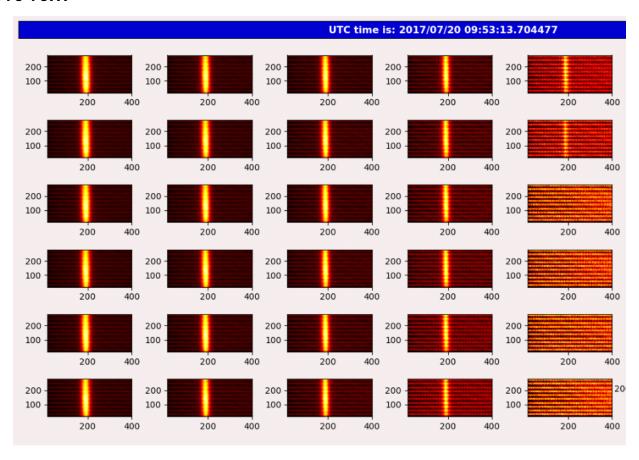
- Angle through splitters (i.e. splitter 2) to be optimized systematically
  - Reduces losses at splitters, increases transmission to T10, reduces radiation for NA62

# Fixed Target BEam



# Fixed Target Beams

- BGI during slow extraction
- We want it...



### Xe Ions

- Transmission from PS now ~ 100%
- Status: acceleration through transition on MD cycle with Q20

