

LEIR W47 Summary

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Main activities:

- beam delivered to PS for lifetime studies and to SPS for north area
- reference measurements on NOMINAL and EARLY for 2023 run
- Tue: stripper foil change in LINAC 3
- Fri: IPM measurements to check emittance preservation along chain
- MD: turn-by-turn optics measurements
- MD: data taking for Schottky computer vision project

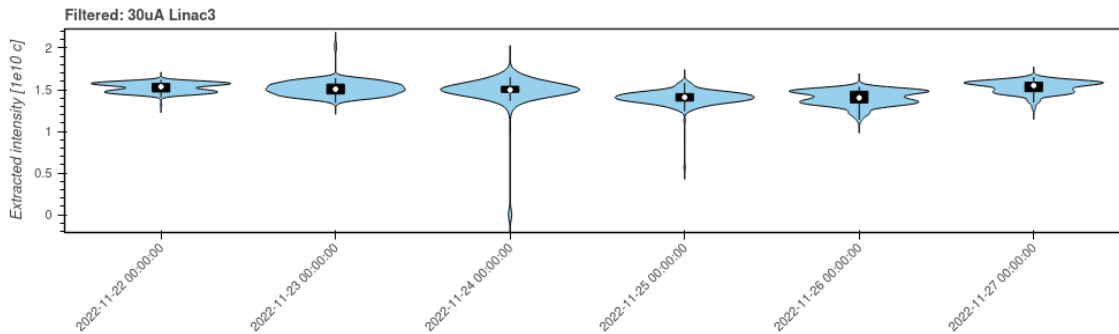
Solved issues:

- Wed: left synchronization with PS disabled after dedicated MD during PS downtime
- Thu: ZERO cycles accidentally put in by PS degraded performance
- Thu: ER.QFN1030 went into fault, reset by piquet
- Sat: unstable LN3 source during night shift

Ongoing issues:

- adding a validation rule to the Timing app to prevent ZERO cycles in LEIR

Next supervisor: Reyes Alemany Fernandez



KPI: EARLY extracted intensity for W47