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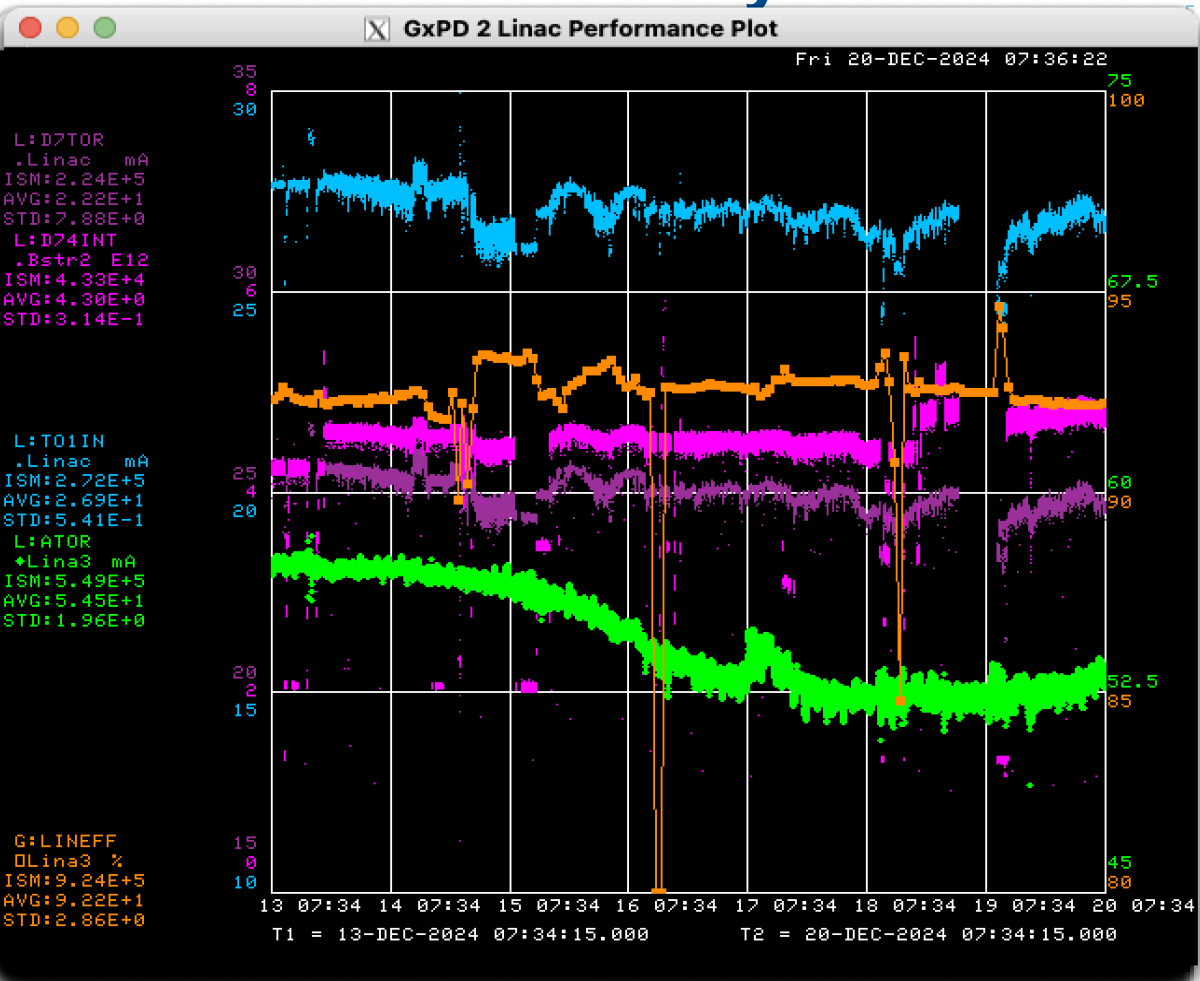
Linac Weekly Report

R. Sharankova

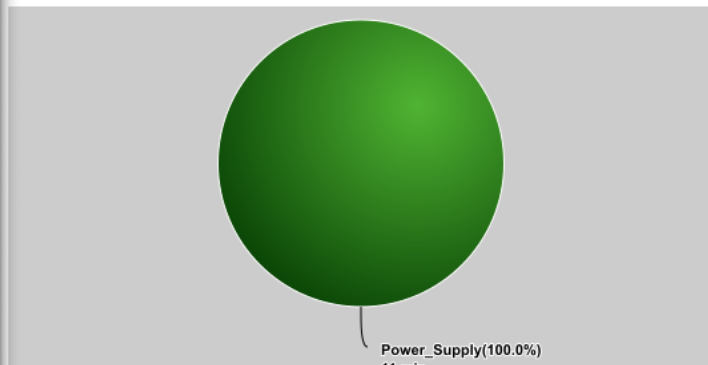
AD Operations meeting

20 Dec 2024

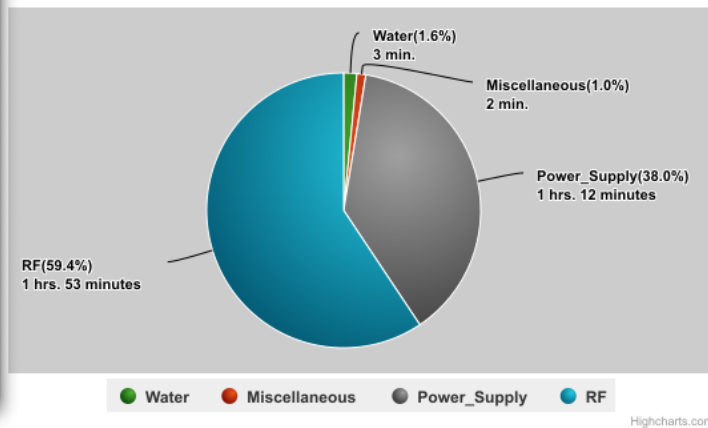
Preacc/Linac Weekly Performance



SYSTEMS Downtime
 refined by PREACC, Beam_Inhibit_Failure
 from 12/13/2024 08:00:00 to 12/20/2024 08:00:00 (168.0 hrs.)



SYSTEMS Downtime
 refined by LINAC, Beam_Inhibit_Failure
 from 12/13/2024 08:00:00 to 12/20/2024 08:00:00 (168.0 hrs.)



Fri: LRF1 reverse power, LRF2 DA OL
 Sat: LRF1 reverse power, LRF2 DA OL, RFB gradient drop out, LRF3 DA OL
 Sun: LRF1 reverse power, QPS229 misreg, MDQ2 trip
 Mon: RFB gradient drop out
 Tue: LRF1 reverse power

Wed: LRF2 DA OL, LRF3 DA OL, KRFV gun spark
 Thu: LRF5 DA OL, LRF1 reverse power

Current Conditions/Plans

Source A – 54.5 mA

Linac input – 26.9 mA

Linac output - 24.3 mA / 4.3×10^{12} to Booster

Linac efficiency – 92%

Opportunistic downtime requests:

- 15-30 min to install capacitance meters on KRF pulse transformer (Linac +PESD)
- 4h to flush sand filter on LRF1 skid (MSD Water)
- 30 min access to install components for translation BLM (Linac)