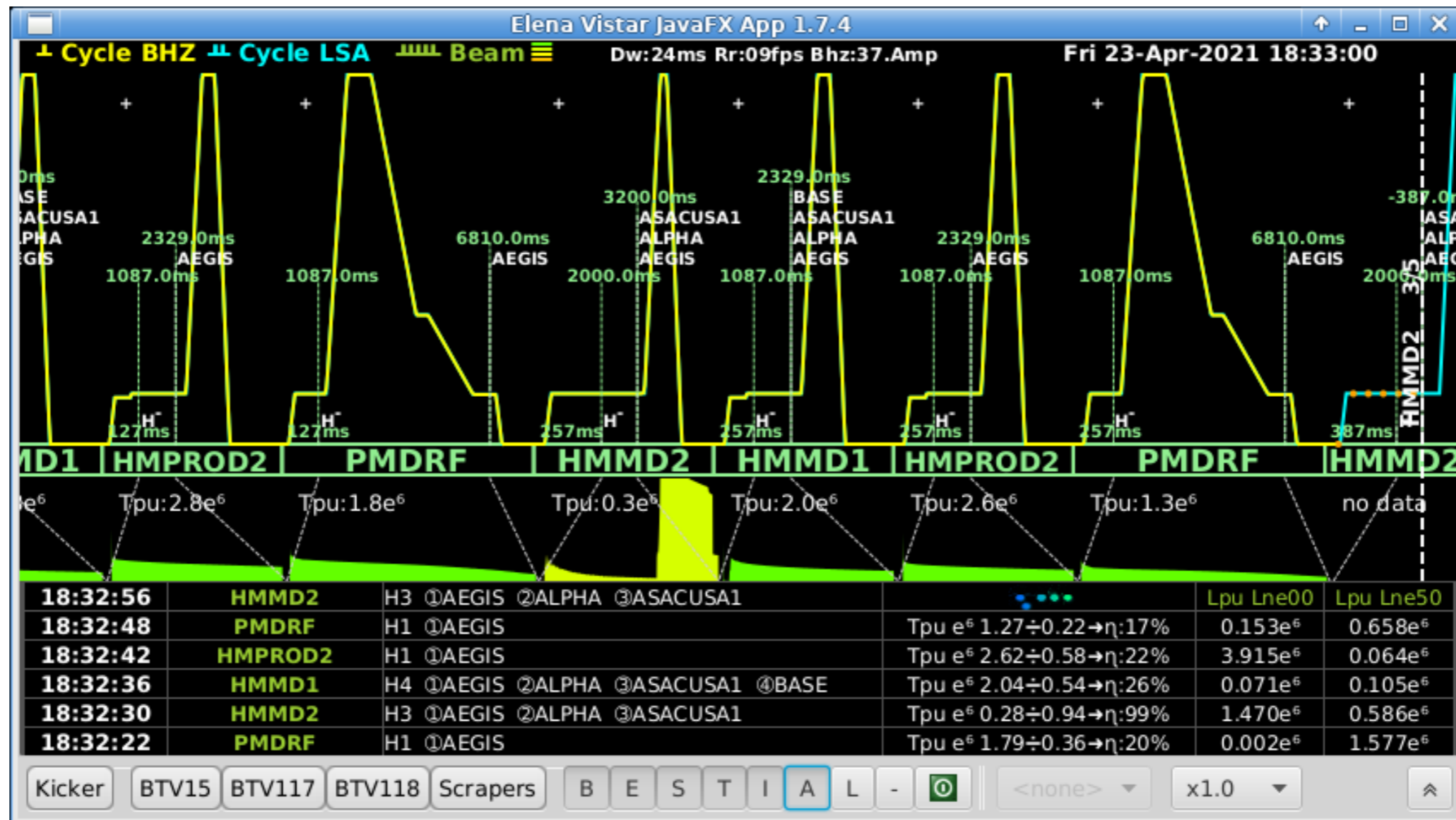
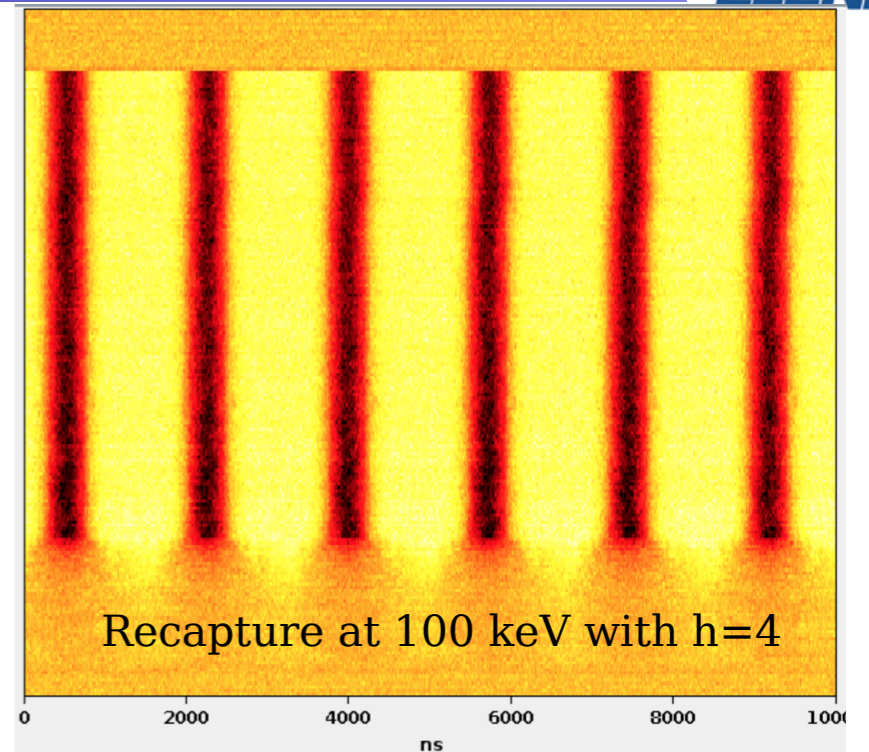


# AD-ELENA commissioning status



## ➤ ELENA

- Multi RF-segment setting-up:
  - Firmware bug causing trouble change harmonics on different RF segment identified and fixed
  - Help from experts for RF setting-up to improve capture (adjustment of phase loop gain)
- General cycle adjustment for a nominal pbar cycle



## ➤ AD

- Installation of plastics cover on quadrupoles completed
  - Update of access procedure OP7 Total on-going
- BCCC refilled, He leak fixed
- Machine closed and deconsigne on Monday 14<sup>th</sup> June

## ➤ AD target:

- Special permit for powering tests:
  - Damaged cable for dogleg repaired
  - Magnetic horn tests on-going

- Problem with FGC\_93 (electrostatic elements in the transfer lines) fixed
- Issue with the ion source:
  - Trip of the HV
  - Beam found moving again after vacuum gauge exchange
  - Situation much better than in the past due to improved diagnostics
    - Could steered back the beam with very high correctors settings
- Replacement of profile monitors in LNI (instead of BTV)
  - Opening of the vacuum sector of ion switch
  - 3 new monitors for exchange + 1 taken out to upgrade mechanics → aim to have 4 monitors to install by the end of the week
  - Stop of ELENA Hminus operation for 3 weeks

