

3th Order Resonance Stop-band Measurement

Al, Yun

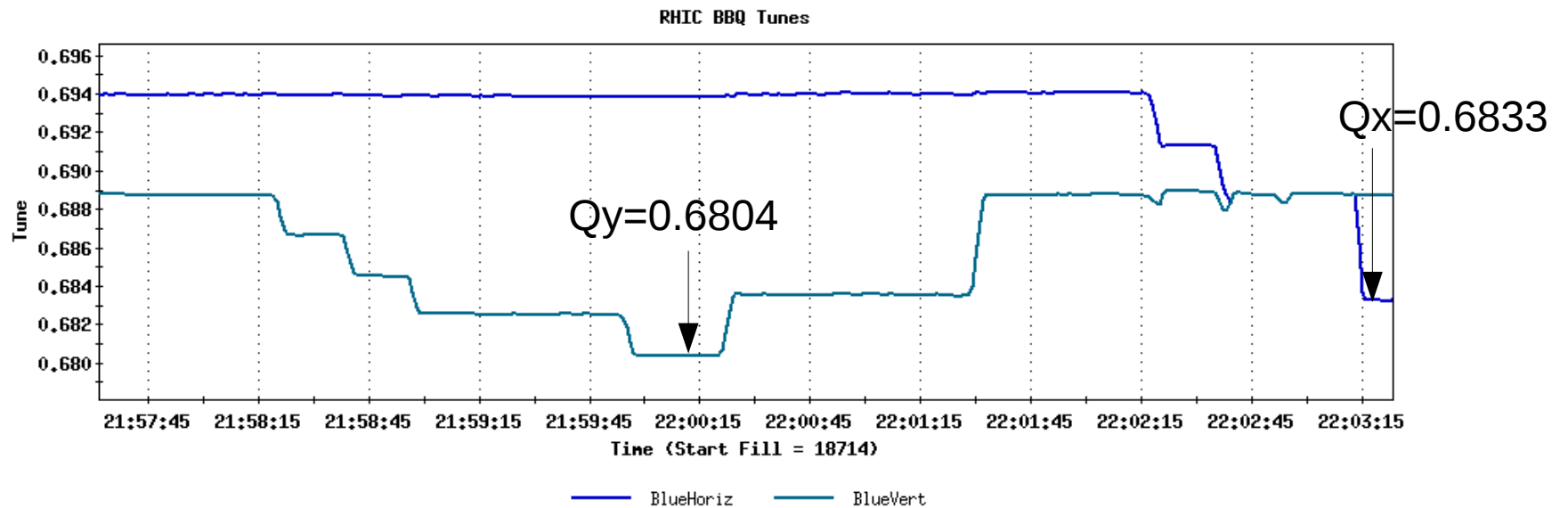
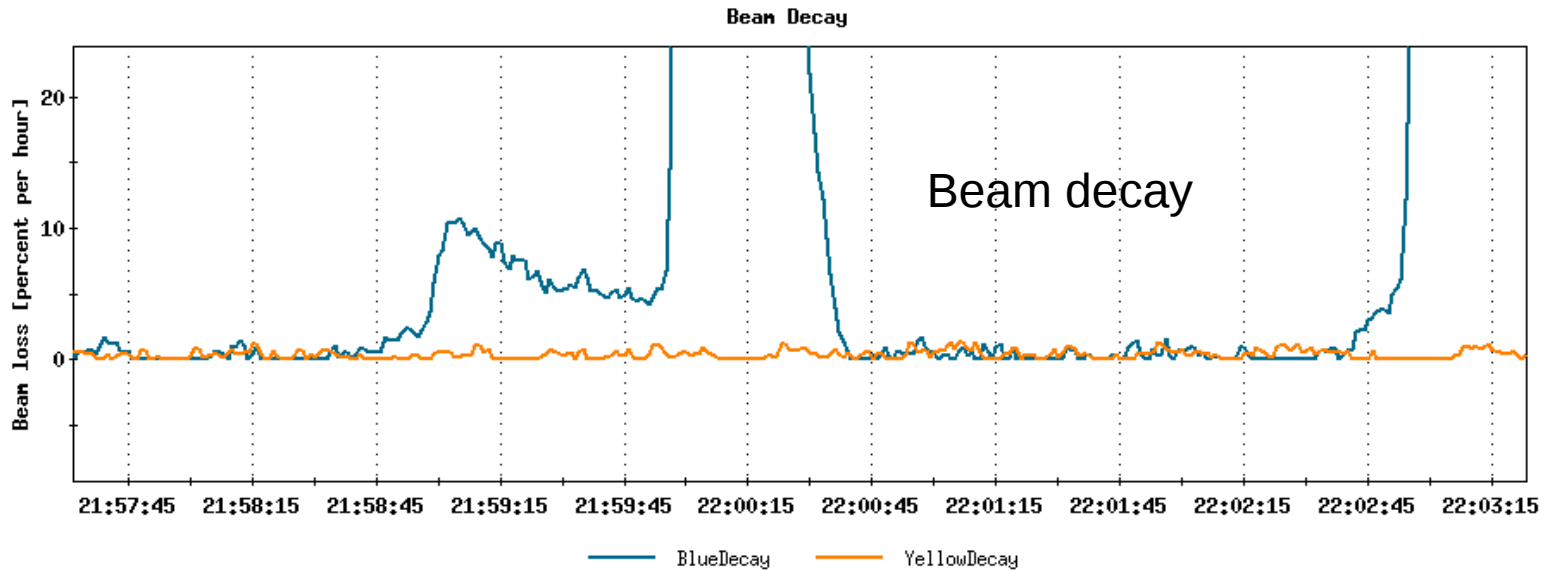
2015 Feb 25, APEX

General

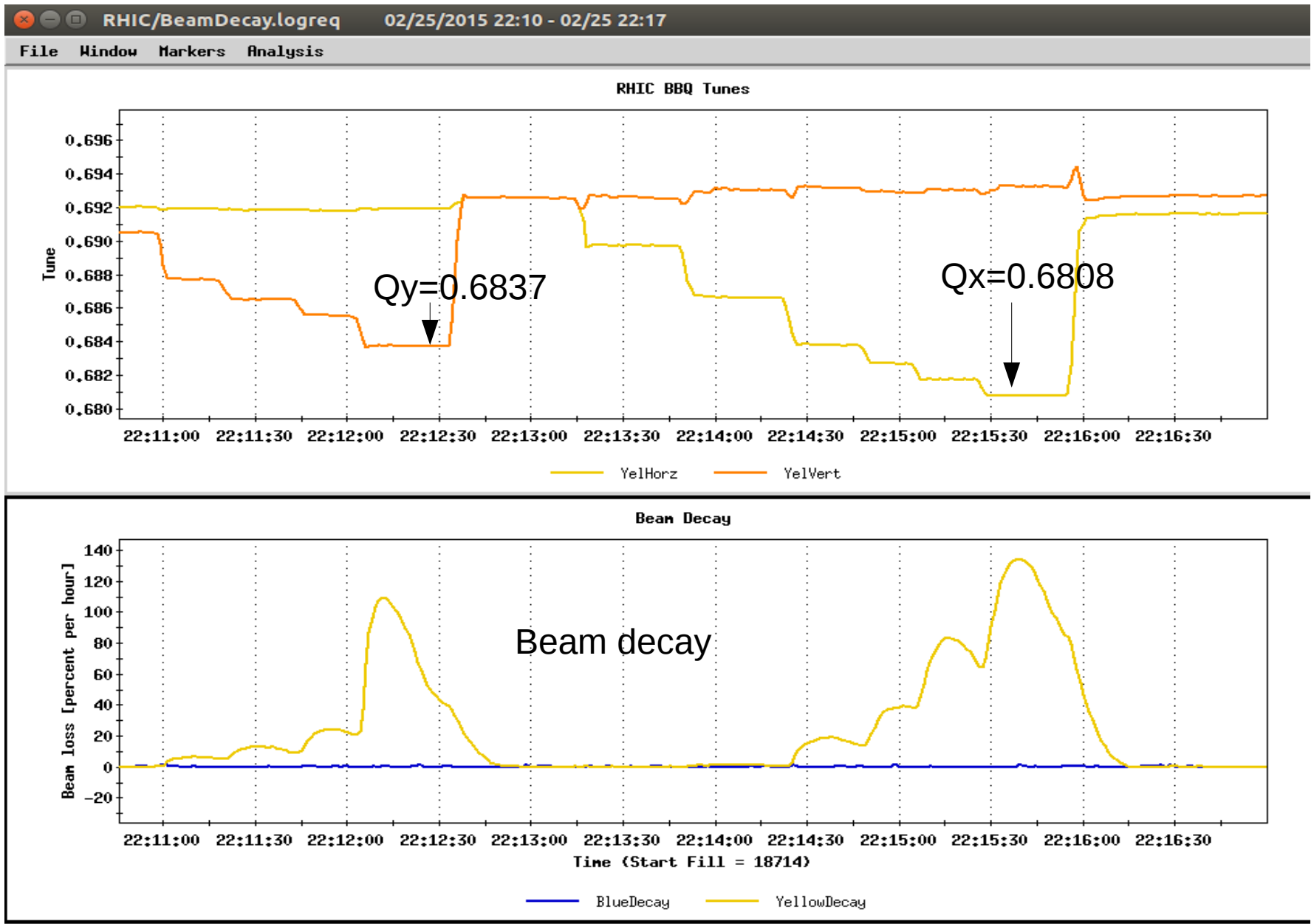
- Beam time: 2 hours
- Ramp: Fill #18714,
12*12 **non-collisional**,
same store orbit and RF settings
- Items done:
 - beam decay during tune scan to 2/3
 - momentum aperture without collision
 - IR local coupling data taking

Blue Ring Results:

RHIC/Instrumentation/BBQ/A_BBQ_TuneDisplay.logreq 02/25/2015 21:57 - 02/25 22:03
File Window Markers Analysis



Yellow Ring Results



Plan

- Measure 3rd resonance stop-band again with collision
- With varied bunch intensities.
- Beam time request: 2 hours store.

Plan: