

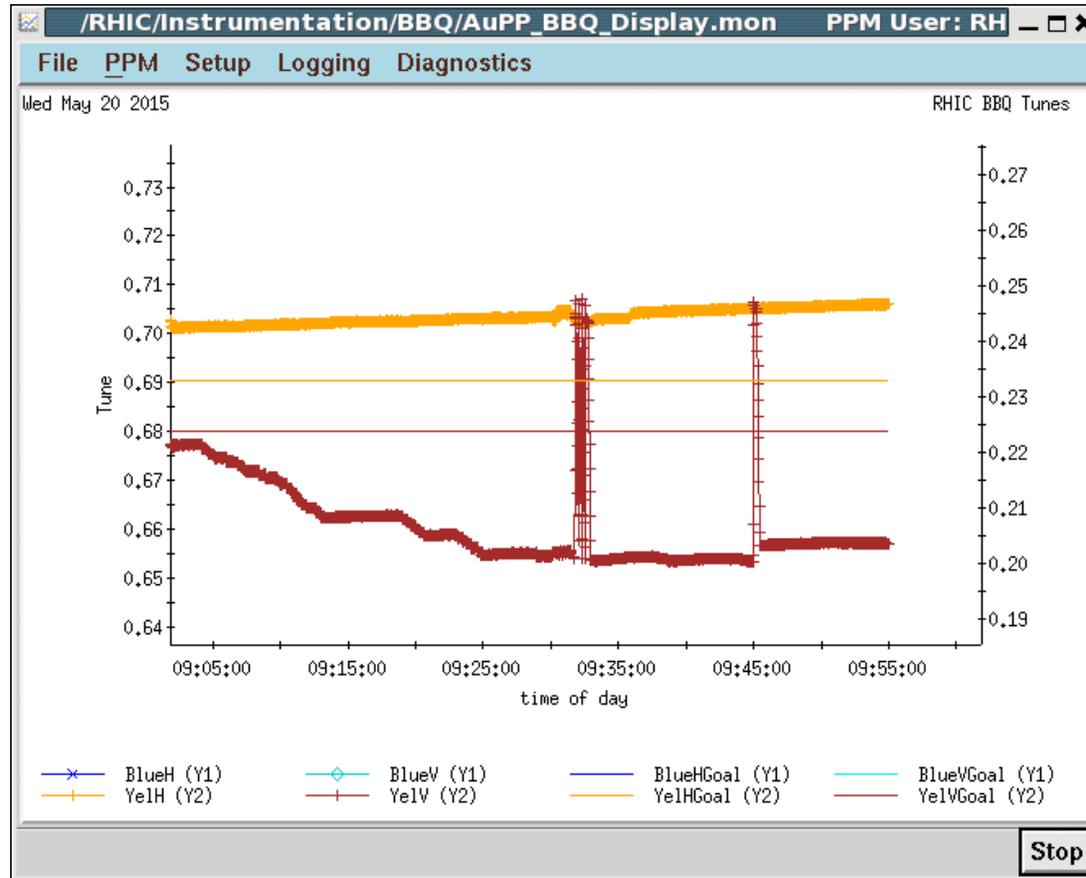
STAR Target Test

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May 22, 2015

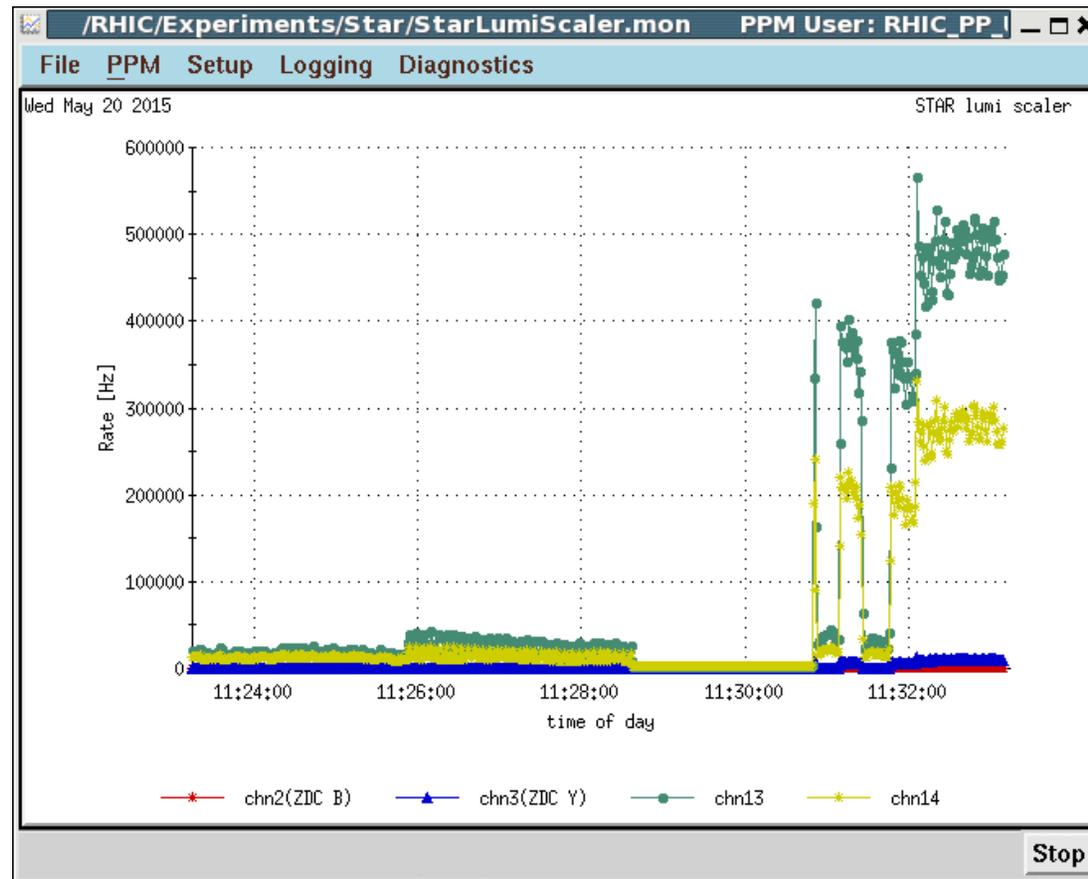
- With one Yellow bunch in the machine, lowered orbit at STAR by 5 mm on top of -5 mm separation bump, to -10 mm
- Moved vertical tune towards .20 to increase target interaction rate
- Watched lumi scalers (BBC counting rate) to tune
- 6-bunch “store” for STAR data taking; 1 million events recorded
- STAR will analyze the data; collisions seem to be coming from the target area and look like Au on Au

Tunes



Lowered vertical tune towards .20 to increase target rates

Lumi scalers



500 kHz BBC counting rate with 6 bunches
Safe limit for STAR would be around 6 MHz