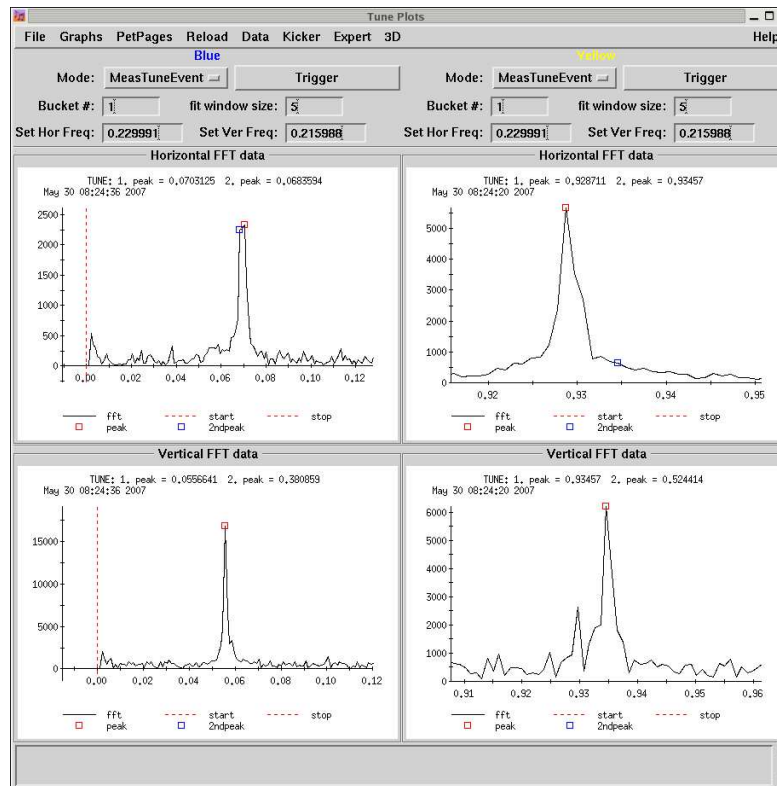


Near-integer tunes



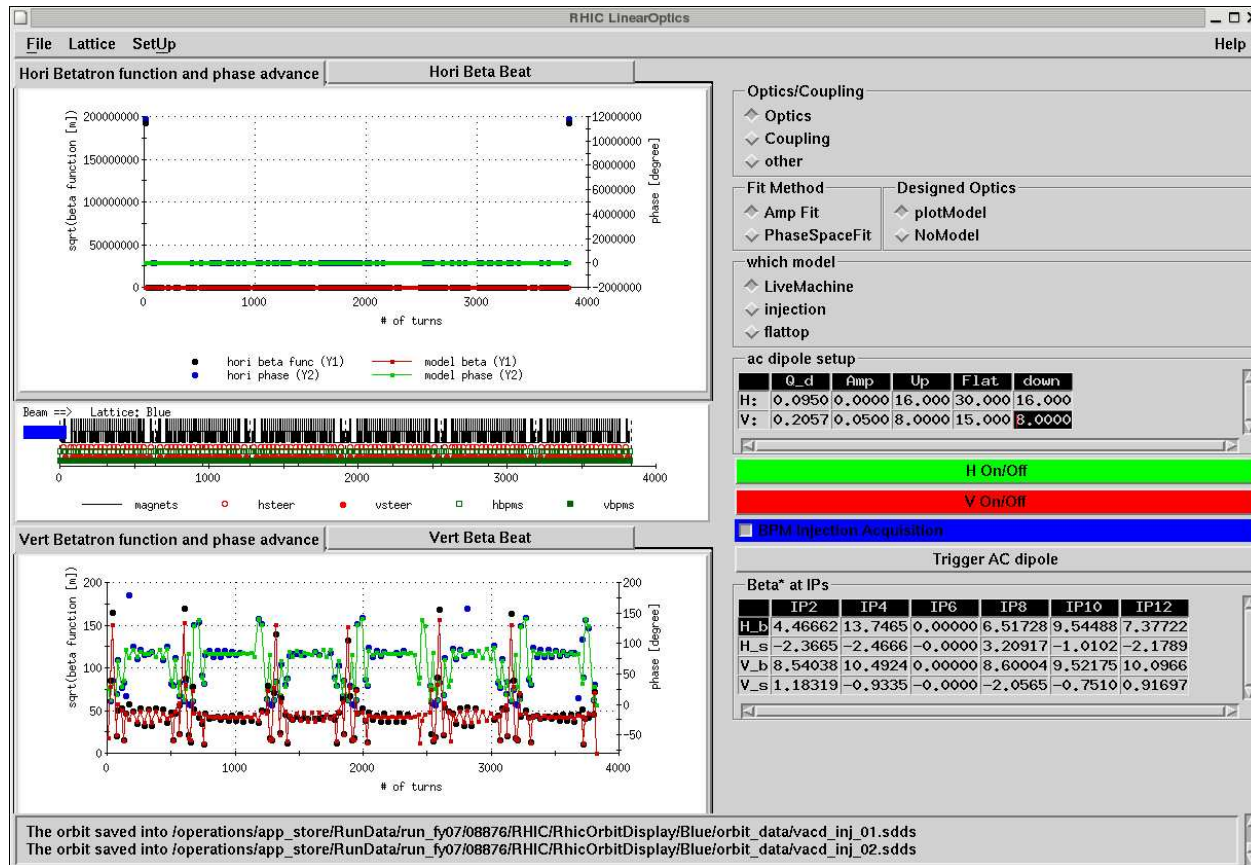
(.93/.94)

(.07/.05)

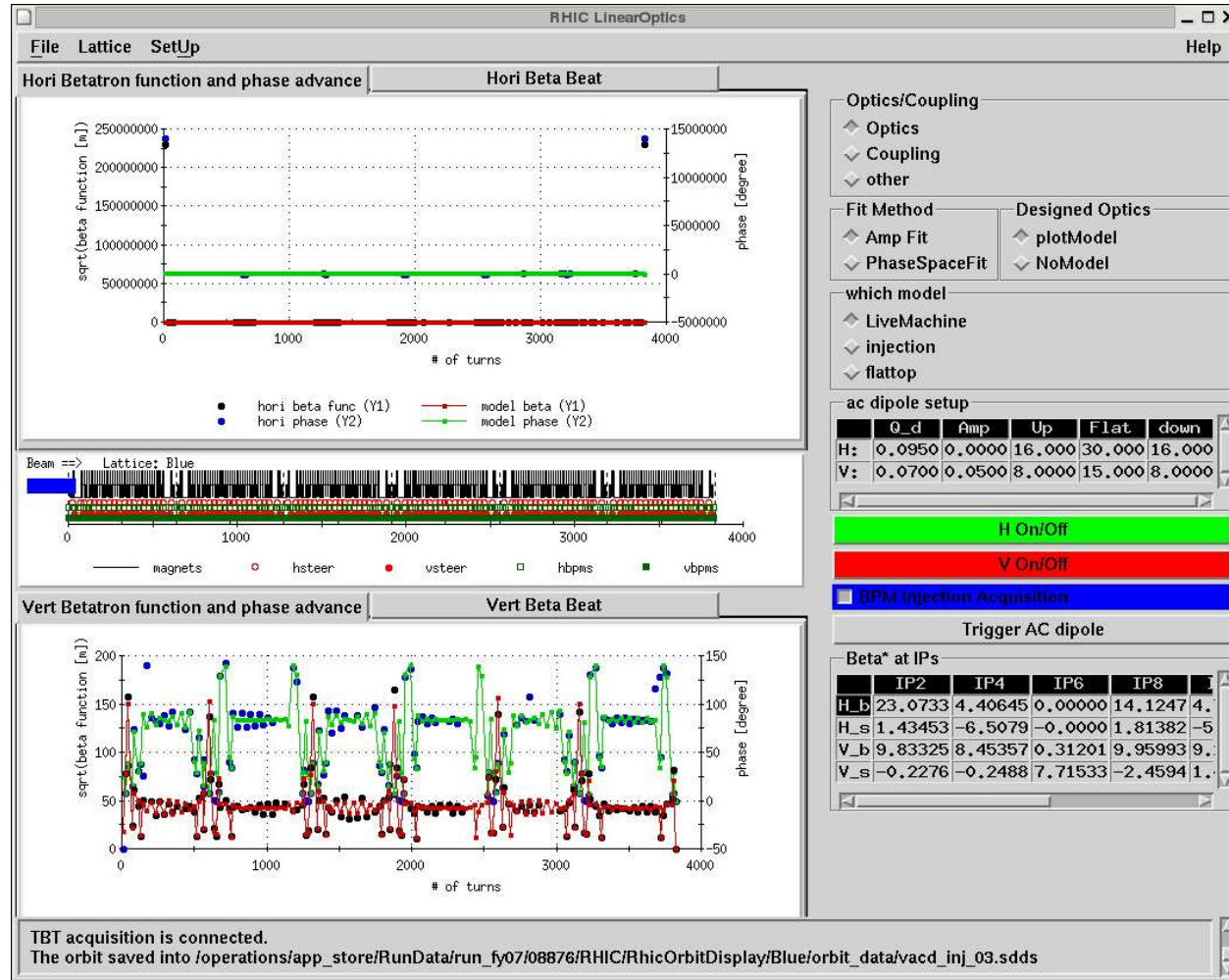
Orbit correction, one best corrector



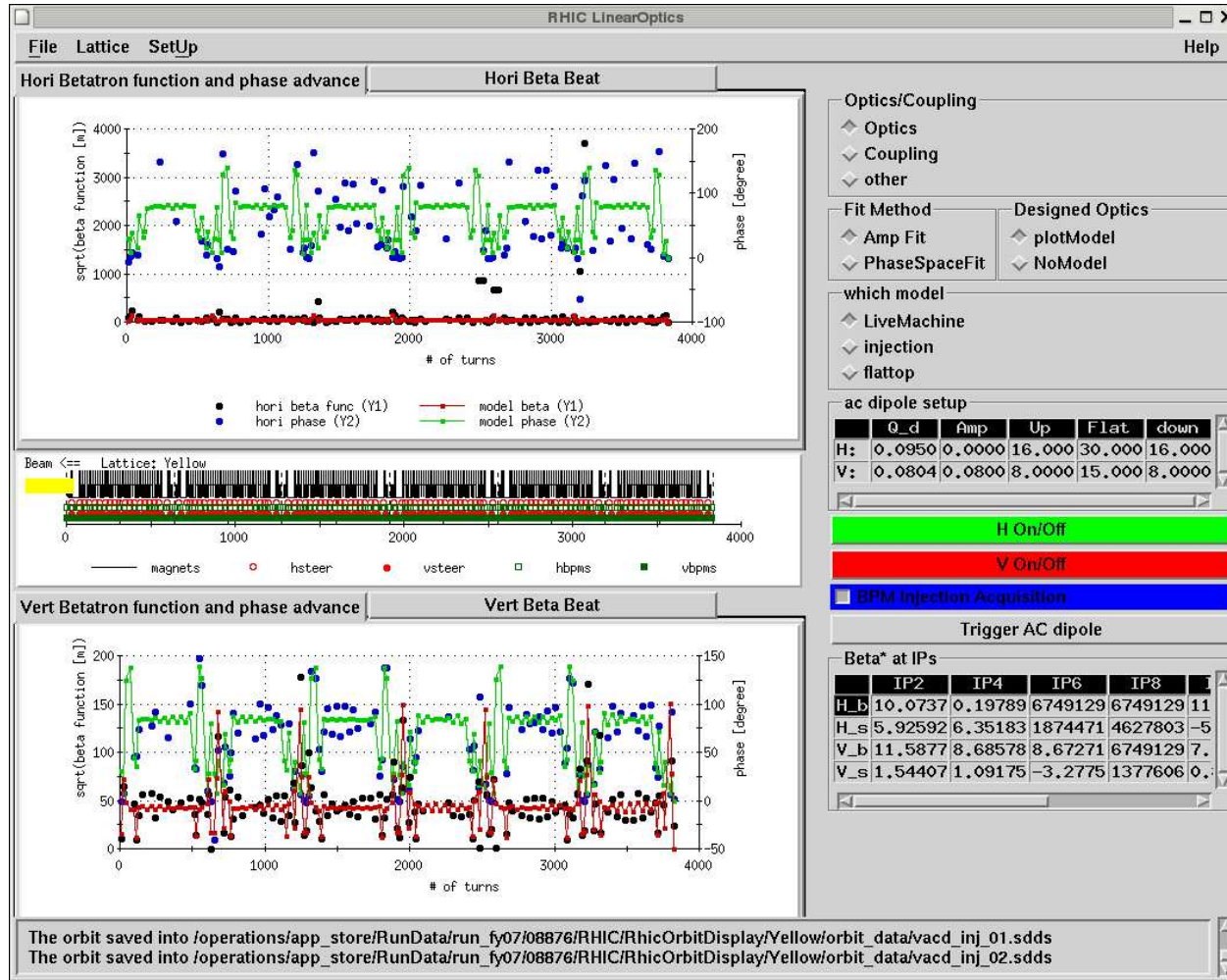
Blue optics measurements, regular tunes



Blue optics measurements, near-integer tunes



Yellow optics measurements, near-integer tunes



Status and Plans

- Tune choice was limited by OptiCalc model stability; needs work
- Orbit correction uses design tunes (= regular operations tunes); empirically found correction factor
- Horizontal AC dipole was not operational
- Injection coupling correction worked (3 iterations to get from .013 to .002)

Status and Plans (cont.'d)

- Resistive wall instability doesn't seem to be a problem, both below and above the integer
- Once model is more robust, explore how close to the integer we can get
- Measure horizontal optics with AC dipole
- Try (mini) ramp