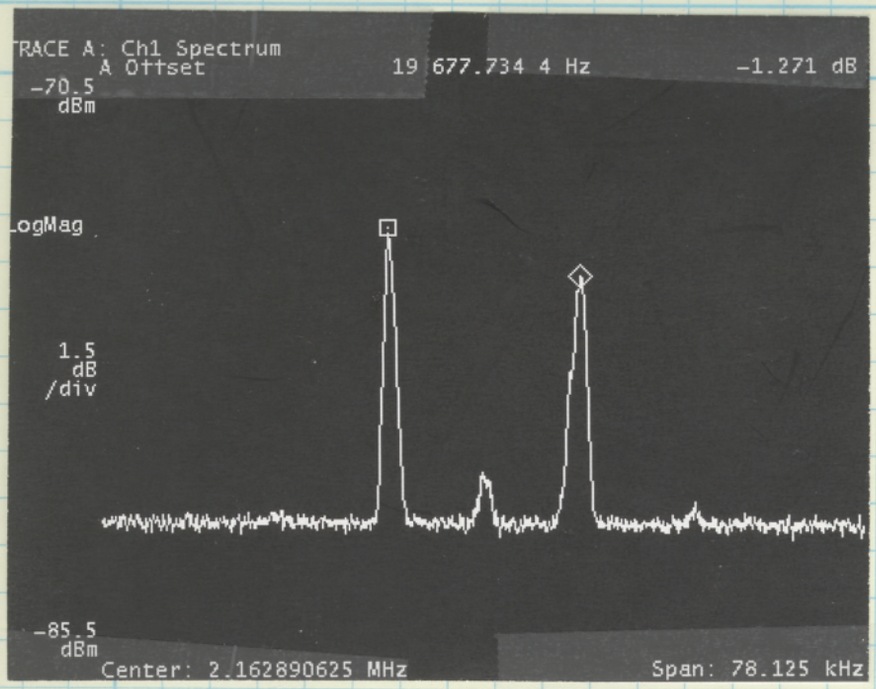

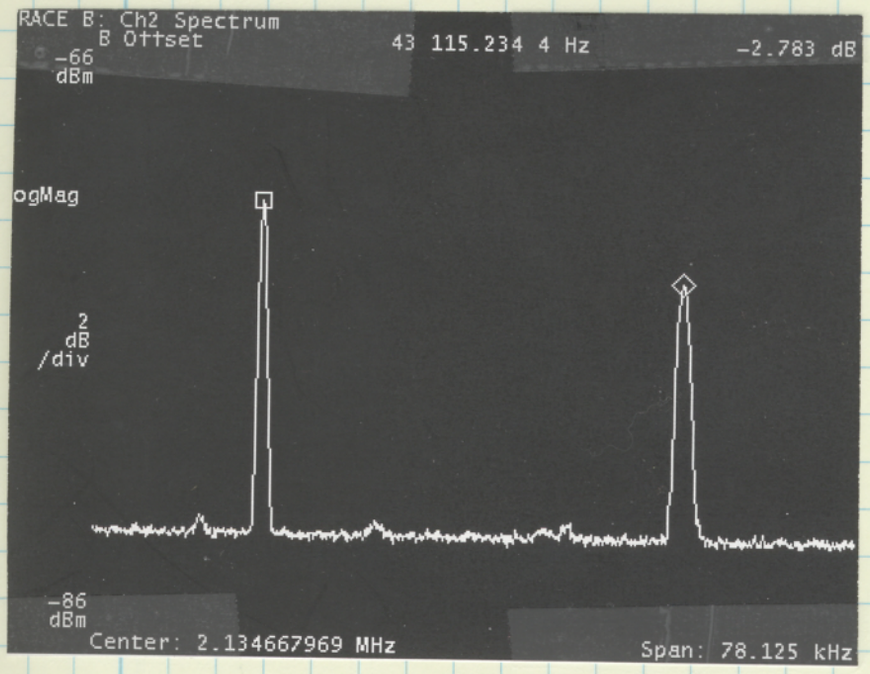

First Schottky proton spectra in RHIC, unbunched beam

$q_x = .128$

$q_y = .276$

Notes
- coupling small
- rev. line very small
- Q' looks ok
- $Q'_x > 0$, $Q'_y < 0$
- magnitudes agree w/ β fcns at cavity
  $\beta_x \sim 55$, $\beta_y \sim 130$
- S/N agrees w/ expectation for $\sim 5 \times 10^8$ p.

2:30 Quench link is up, QPA module replacing is going on

2:35 ... which caused another failure

2:45 H10 water leak

4:00 Still no beam at the end of the shift