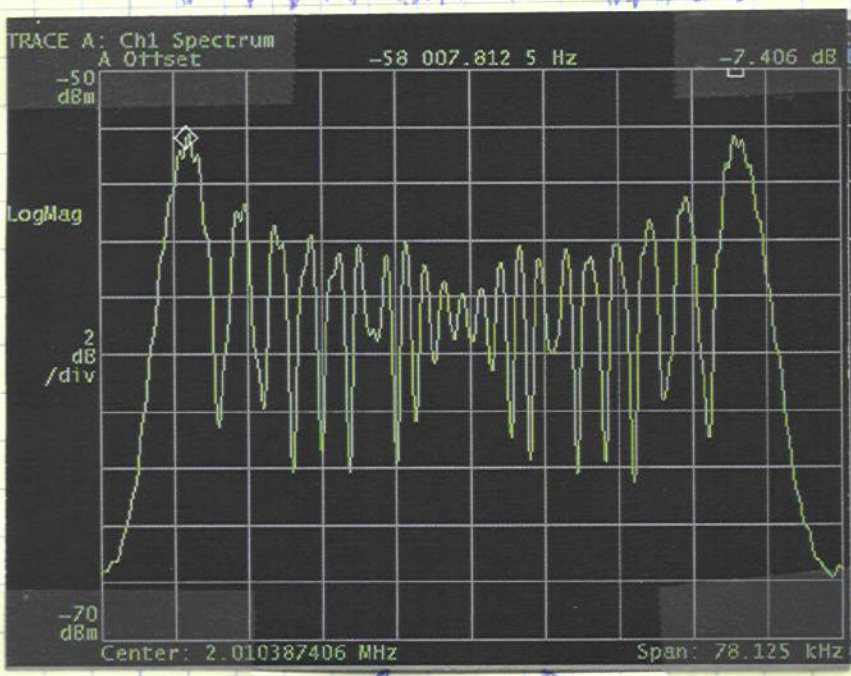
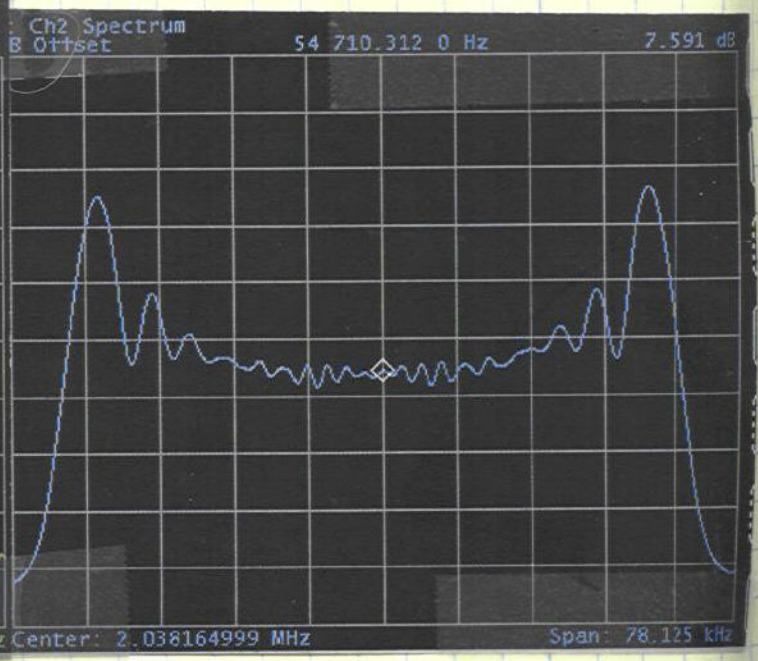
varying Δf — fixed Δf ~ 2kHz

6 5 4 3 2 — 2 3 4 5 6



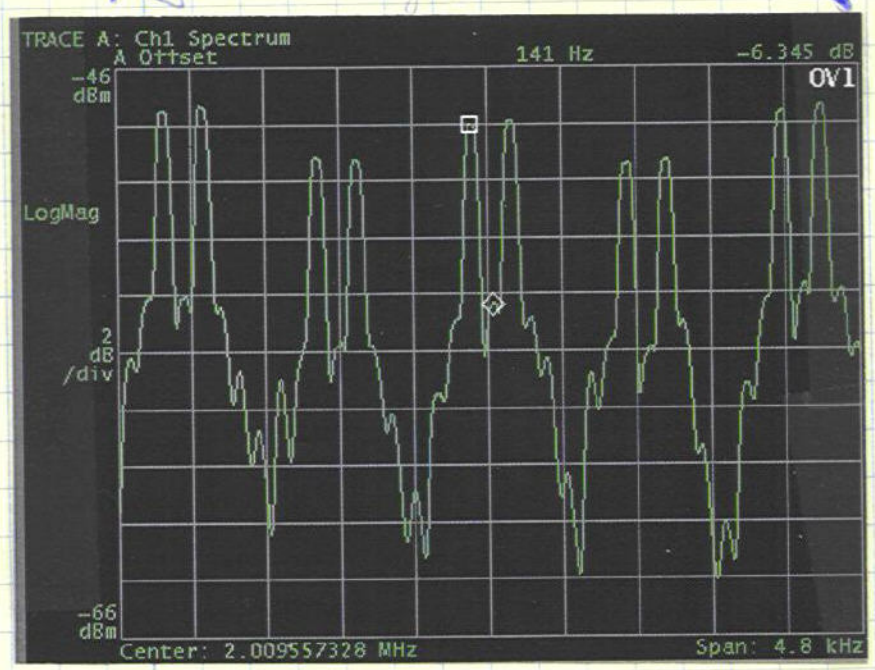


Horizontal

Vertical

for example see p. 25 →

zoom



An unusual evening for Schottky. Spectra very much unlike any previously seen. They look like FM spectra w/ large (~4) modulation index.

- zooming on center of above horizontal spectrum shows synchrotron satellites clearly separated by $2 \times f_s = 260$ Hz. This suggests RF is not putting this modulation on the beam

- detailed modulation structure is present only in horizontal signal.

- central revolution line is remarkably absent.