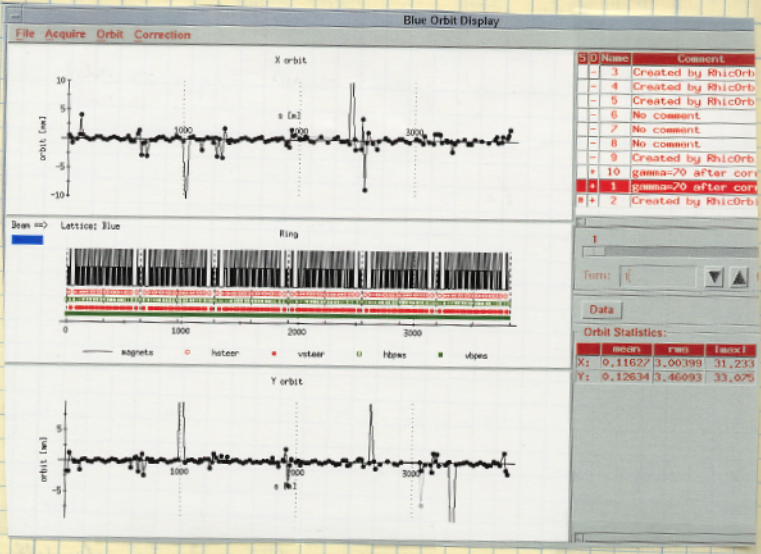
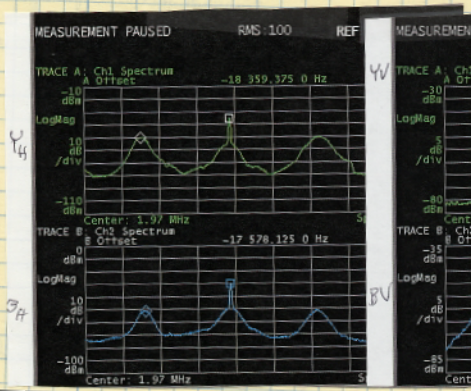
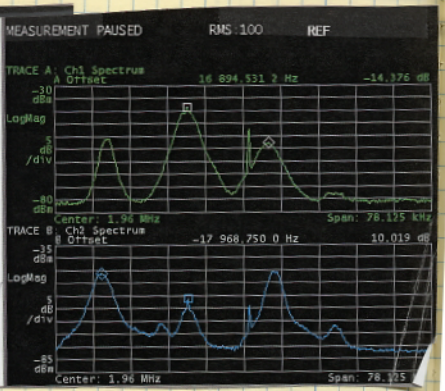
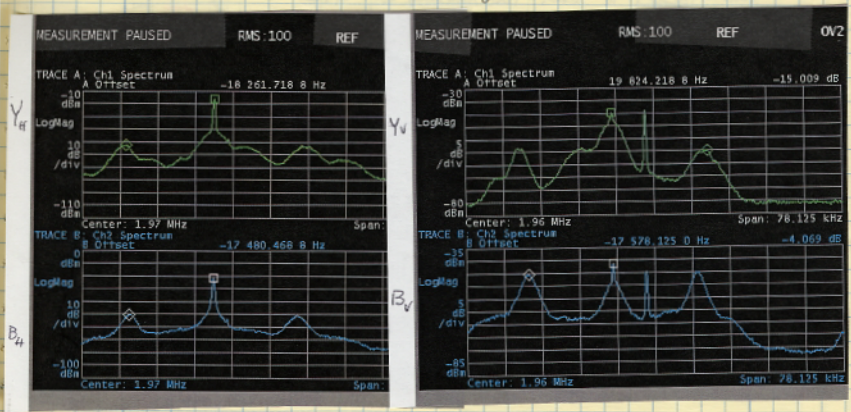

Blue Orbit Display
File Acquire Orbit Correction
X orbit
orbit [mm]
s [m]
1000
2000
3000
Beam ==>
Lattice: Blue
Ring
0
1000
2000
3000
magnets
hsteer
vsteer
hbpms
vbpms
Y orbit
orbit [mm]
s [m]
S D Name Comment
3 Created by RhicOrb
4 Created by RhicOrb
5 Created by RhicOrb
6 No comment
7 No comment
8 No comment
9 Created by RhicOrb
10 gamma=70 after corr
1 gamma=70 after corr
2 Created by RhicOrbi
1
Turn:
Data
Orbit Statistics:
mean rms lmax
X: 0.11627 3.00399 11.233
Y: 0.12634 3.46093 33.075

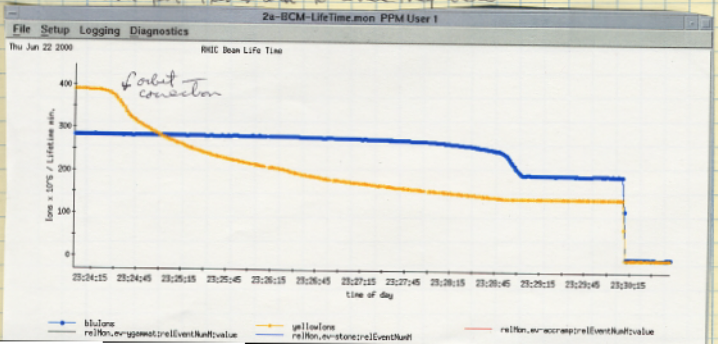

MEASUREMENT PAUSED
RMS:100
REF
TRACE A: Ch1 Spectrum
A Offset
-18 359.375 0 Hz
-10 dBm
LogMag
10 dB /div
-110 dBm
Center: 1.97 MHz
TRACE B: Ch2 Spectrum
B Offset
-17 578.125 0 Hz
0 dBm
LogMag
10 dB /div
-100 dBm
Center: 1.97 MHz


MEASUREMENT PAUSED
RMS:100
REF
TRACE A: Ch1 Spectrum
A Offset
16 894.531 2 Hz
-14.376 dB
-30 dBm
LogMag
5 dB /div
-80 dBm
Center: 1.96 MHz
Span: 78.125 kHz
TRACE B: Ch2 Spectrum
B Offset
-17 968.750 0 Hz
10.019 dB
-35 dBm
LogMag
5 dB /div
-85 dBm
Center: 1.96 MHz
Span: 78.125

ok the global correction caused the vertical

tune to move above .25 apparently → the shottky gets sign of lots of coupling (?) the yellow beam goes down to nothing.



So the global correction in yellow caused the vertical tune to go above .25, & increases the apparent coupling — and we are going to park.

So we move one step back in orbit correction in yellow and put tunes back to where they were.