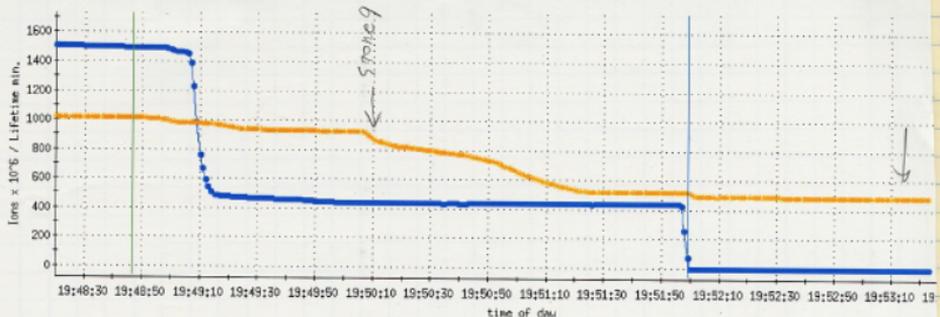


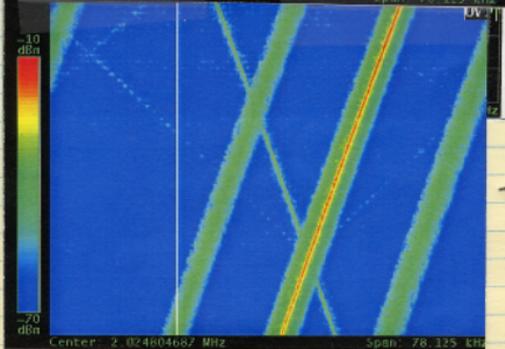
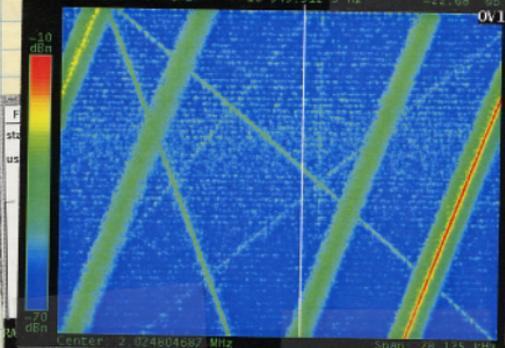
File Setup Logging Diagnostics

Wed Jun 7 2000

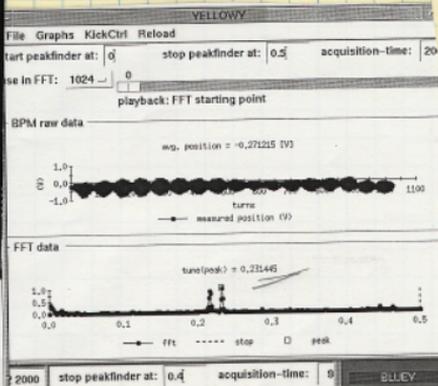
RHIC Beam Life Time



ACE A Ch1 Spectrum A DiffEq -16 945.312 S Hz -22.69 dB



Injection



- ← Schottky yellow Horizontal at $\gamma_T + 70$ sec, where losses previously observed $Q_x = .243$ at $\gamma_T + 75$ sec.
- Broadband noise peaks around $\gamma_T + 73$ sec, then fades away $Q_x \sim +3$?

TRACE A: Ch1 Spectrum

A Offset

37 841.796 9 Hz

0.316 dB

OV1

-10
dBm

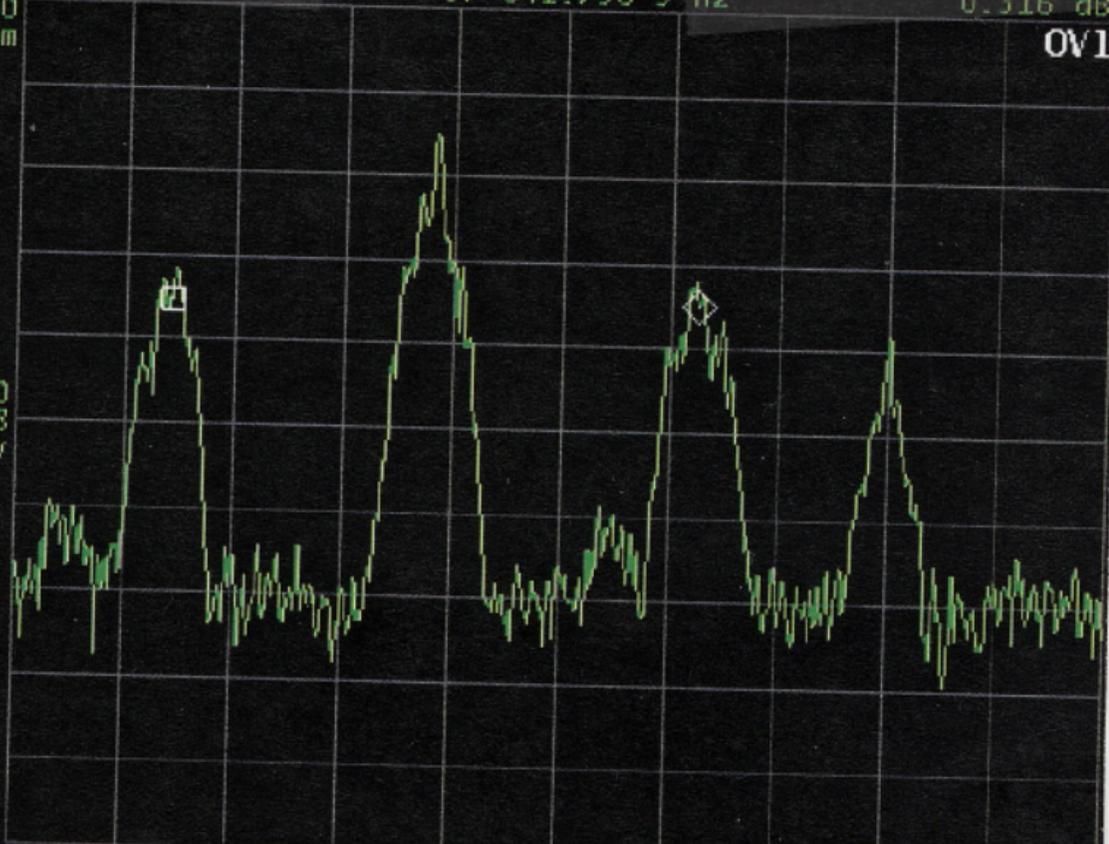
logMag

10
dB
/div

-110
dBm

Center: 2.024804687 MHz

Span: 78.125 kHz



YELLOWX

File Graphs KickCtrl Reload

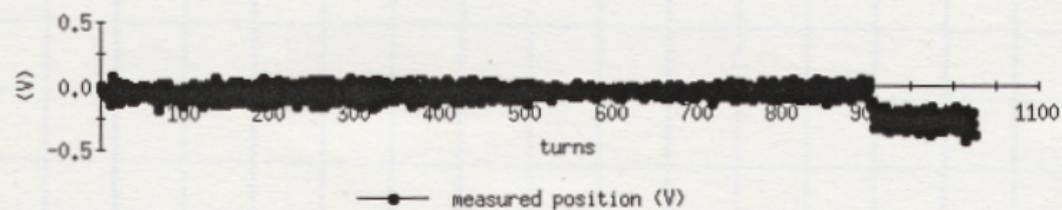
start peakfinder at: 0.02 stop peakfinder at: 0.5 acquisition-time: 9:45:11 2000

use in FFT: 1024 0

playback: FFT starting point

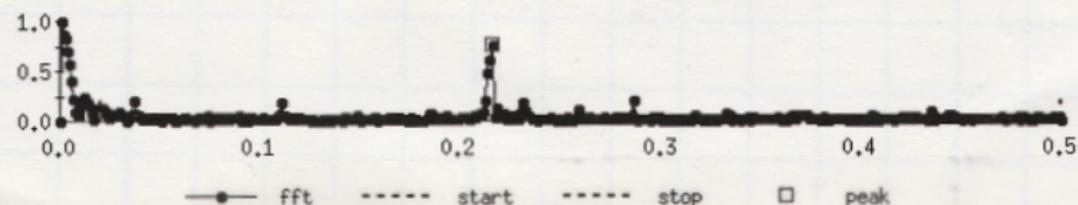
BPM raw data

avg. position = -0.0704145 [V]



FFT data

tune(peak) = 0.21582



YELLOWY

File Graphs KickCtrl Reload

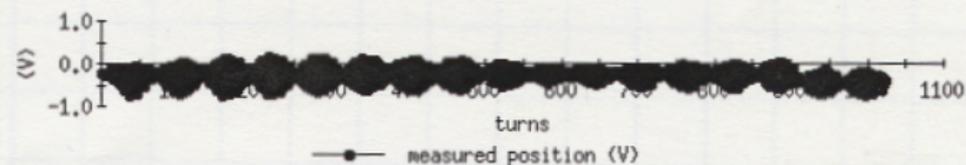
start peakfinder at: 0 stop peakfinder at: 0.5 acquisition-time: 20

use in FFT: 1024 0

playback: FFT starting point

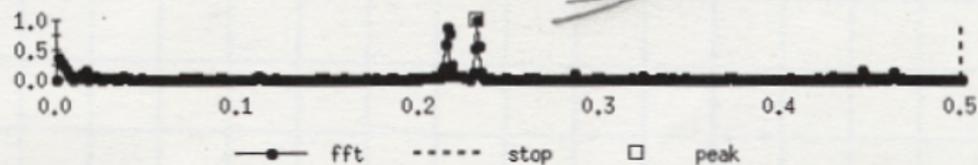
BPM raw data

avg. position = -0.271215 [V]



FFT data

tune(peak) = 0.231445



2000

stop peakfinder at: 0.4

acquisition-time: 9

BLUEY