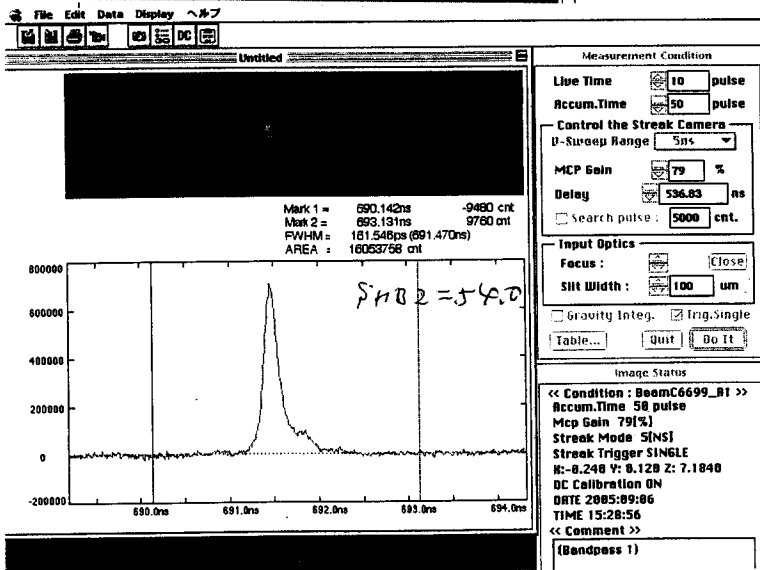
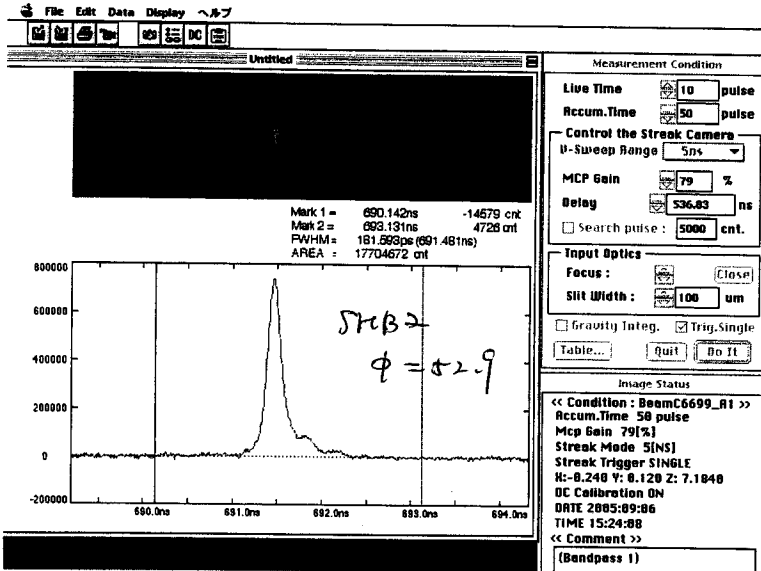
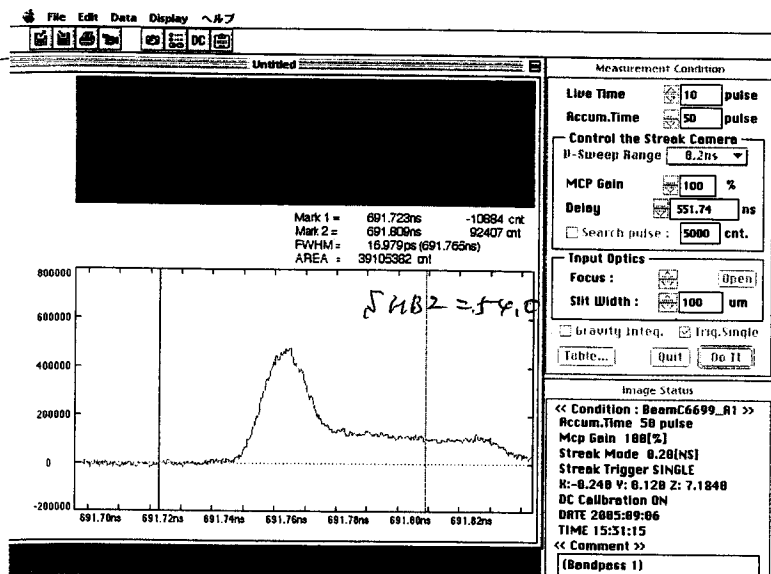


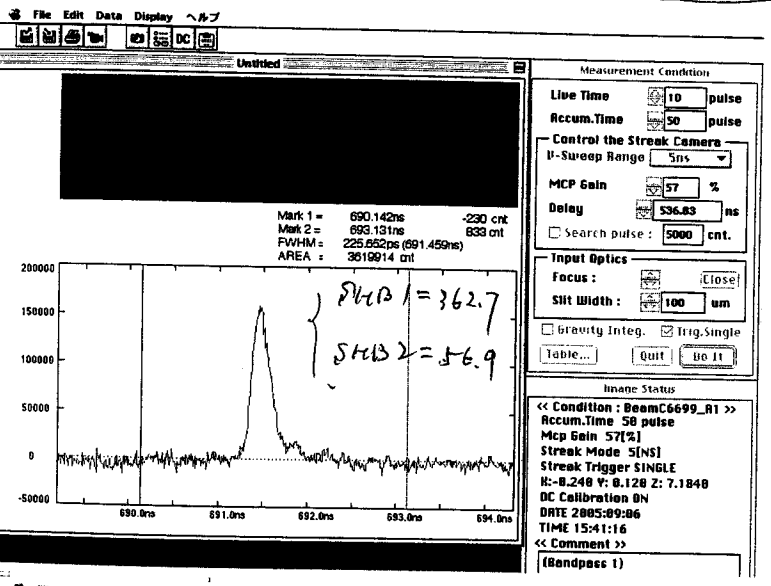
SH-A(-~~BF~~ ON (STB → acc)

$\phi = 52.9 \rightarrow 53.6 \rightarrow 54.0 \rightarrow 54.5 \rightarrow 54.2 \rightarrow 54.0$
 ok ~~no good~~ no good



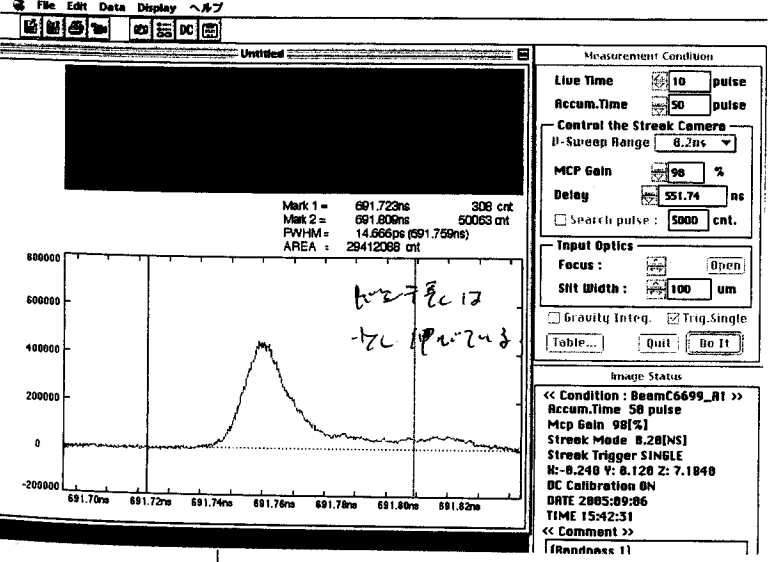


3rd scan (2nd)
 7x,



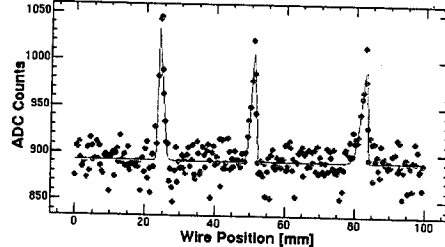
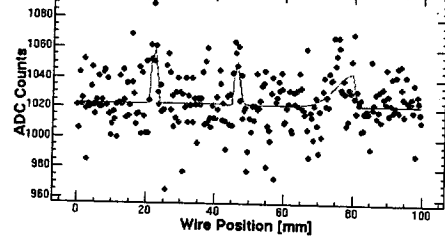
Quick scan. 3rd.

Delay = 1.31 us



Wire A
 ChiSquare = 66572.7 Goodness = .48776
 signal = .66486 +/- .17891 sigma2 = .67814 +/- .24413 sigma3 = 2.82170 +/- .912
 asym1 = -.09782 +/- .33308 asym2 = .62111 +/- 1.26145 asym3 = -.88840 +/- .384
 wire1 = 21.9529 +/- .45085 wire2 = 45.0385 +/- 1.11438 wire3 = 79.8351 +/- 1.331
 b1 = 32.4881 +/- 12.9385 b2 = 41.9197 +/- 15.2709 b3 = 21.7890 +/- 5.972
 a1 = 1822.42 +/- 2.21482 a2 = -.06896 +/- .03992

Wire C
 ChiSquare = 49453.1 Goodness = .48776
 signal = .93244 +/- .03275 sigma2 = .69597 +/- .07635 sigma3 = .93672 +/- .114
 asym1 = -.29393 +/- .15778 asym2 = -.25122 +/- .18510 asym3 = -.80080 +/- .346
 wire1 = 24.0933 +/- .13906 wire2 = 50.9757 +/- .17154 wire3 = 83.3215 +/- .693
 b1 = 152.825 +/- 18.1114 b2 = 116.626 +/- 10.1665 b3 = 96.4370 +/- 13.90
 a1 = 890.969 +/- 1.87897 a2 = -.06298 +/- .03221



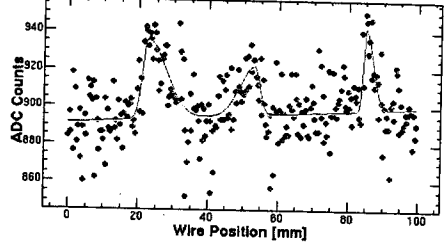
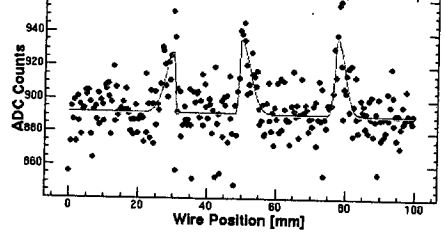
β sector
 Wire Scanners
 5th 測支 (7#51)
 Matching 出来了吗!

File: WS2005_9_6_16_29_7.datA File Pref ReFit 339.833864375 V

File: WS2005_9_6_16_31_42.datC File Pref ReFit 329.8388671875 V

Wire B
 ChiSquare = 43783.3 Goodness = .48776
 signal = 1.39233 +/- .31973 sigma2 = 1.33288 +/- .26188 sigma3 = 1.45417 +/- .240
 asym1 = -.88898 +/- .32044 asym2 = .72912 +/- .27254 asym3 = .39404 +/- .320
 wire1 = 30.2724 +/- .51142 wire2 = 49.4402 +/- .31532 wire3 = 77.6147 +/- .572
 b1 = 36.5688 +/- 6.84385 b2 = 44.5876 +/- 6.49482 b3 = 46.1629 +/- 6.606
 a1 = 891.567 +/- 1.84458 a2 = -.01789 +/- .03198

Wire D
 ChiSquare = 45448.7 Goodness = .48776
 signal = 2.25707 +/- .42929 sigma2 = 2.05986 +/- .63098 sigma3 = 1.36612 +/- .289
 asym1 = -.82576 +/- .21396 asym2 = -.49538 +/- .39609 asym3 = .43248 +/- .342
 wire1 = 22.6897 +/- .87861 wire2 = 53.1284 +/- 1.36147 wire3 = 82.0054 +/- .572
 b1 = 42.4724 +/- 4.02098 b2 = 25.9894 +/- 4.84984 b3 = 43.7964 +/- 7.091
 a1 = 890.567 +/- 2.14219 a2 = .08238 +/- .03487



File: WS2005_9_6_16_30_29.datB File Pref ReFit 329.8388671875 V

File: WS2005_9_6_16_32_54.datD File Pref ReFit 329.8388671875 V

Wire Scan Optics Calculate Matching

X phase space at Wire A

X phase space at Matching Point

Results of Measurement

β_x @ SCRO03 [m]	.000	β_x @ SCRO03 [m]	3.461
α_x @ SCRO03	.000	α_x @ SCRO03	-1.186
c_x [m]	.000	c_x [m]	1.1498E-7
y_c [r.m.m.mrad]	.000	y_c [r.m.m.mrad]	382.521
Bmag x :	.000	Bmag y :	4.858
cBmag x :	8.8488E-7	cBmag y :	6.1734E-7
yCBmag x :	1913.727	yCBmag y :	2059.785

Optics Plot

Wire Selection

3-wire:ABC 3-wire:ABD 3-wire:ACD 3-wire:BCD

4-wire:ABCD

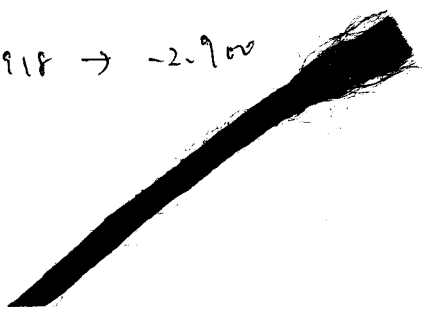
Err(meas), no n: 0 Err(opt) (%): 0

Calculate Optics Save All Parameters

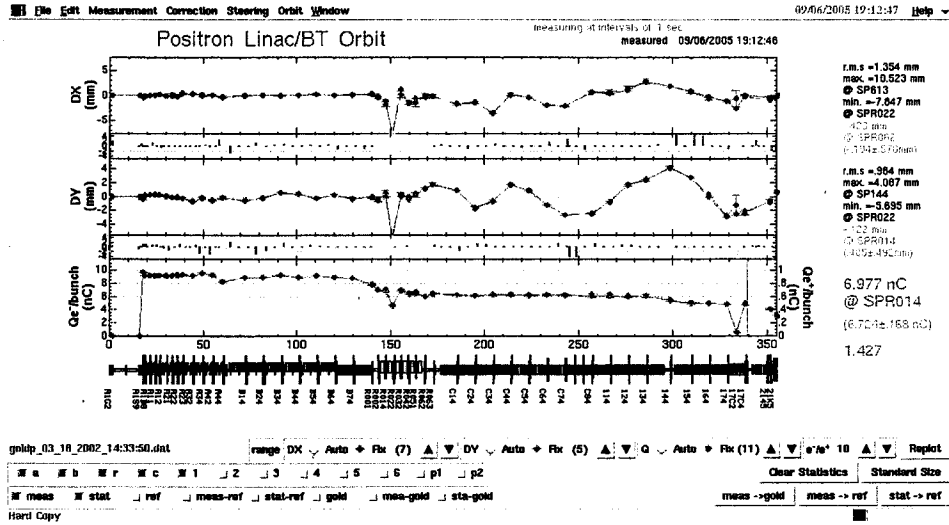
Omag values were SAVED to Adata1/EKB/Wire/LHAC/sectorB/positron/ntata/Qvalue/qname_2005_9_6_16_20_51.dat0

16=45

BX-RO-01 -1.918 → -2.900

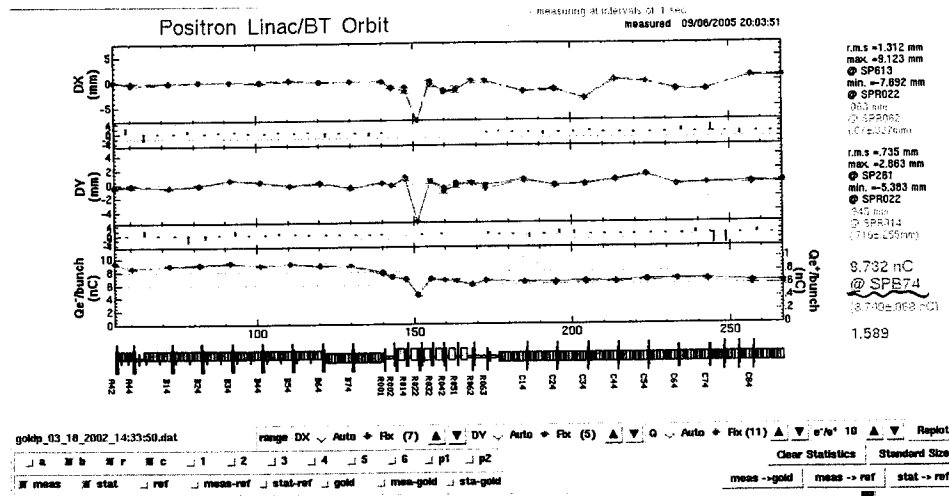
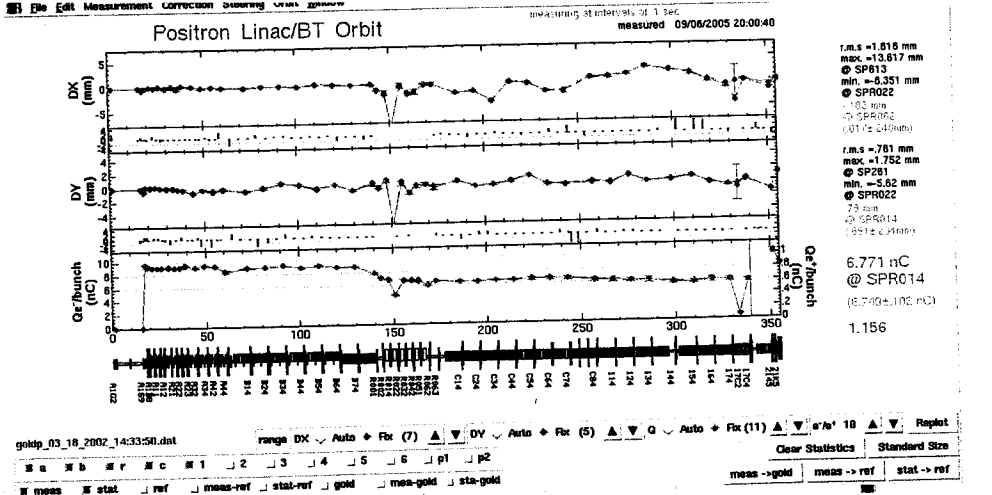


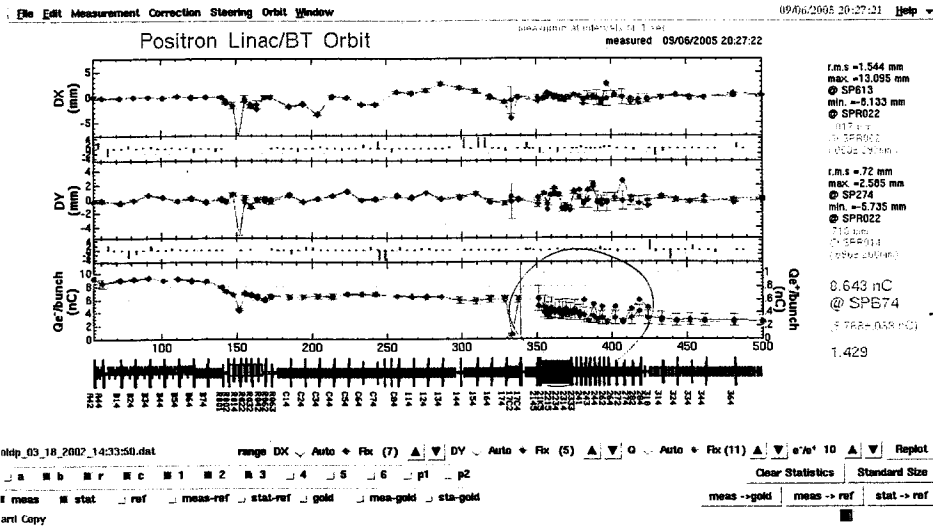
(05/9/6(水)
津友 佐藤



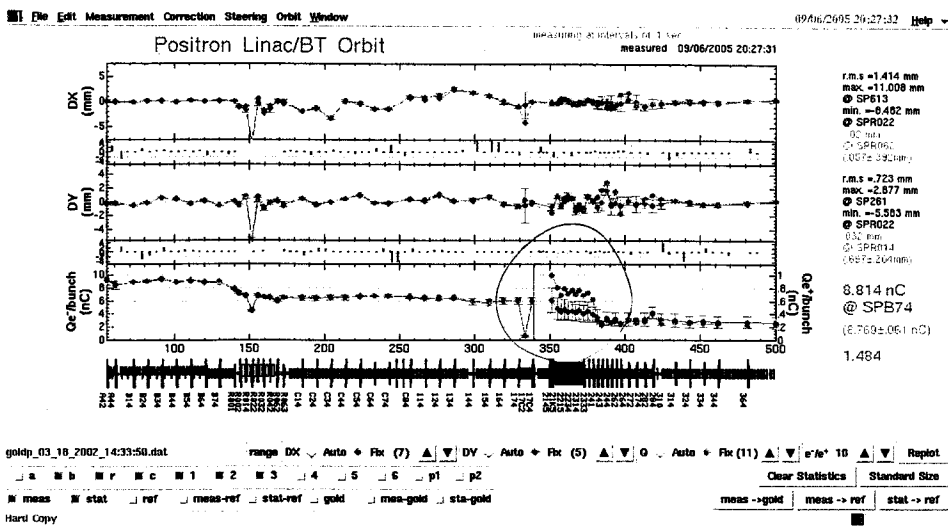
19:30
19:59

B sector WS測定、
Matching、(操作、変化なし)





0.25Hzの時
e⁺の変動が大

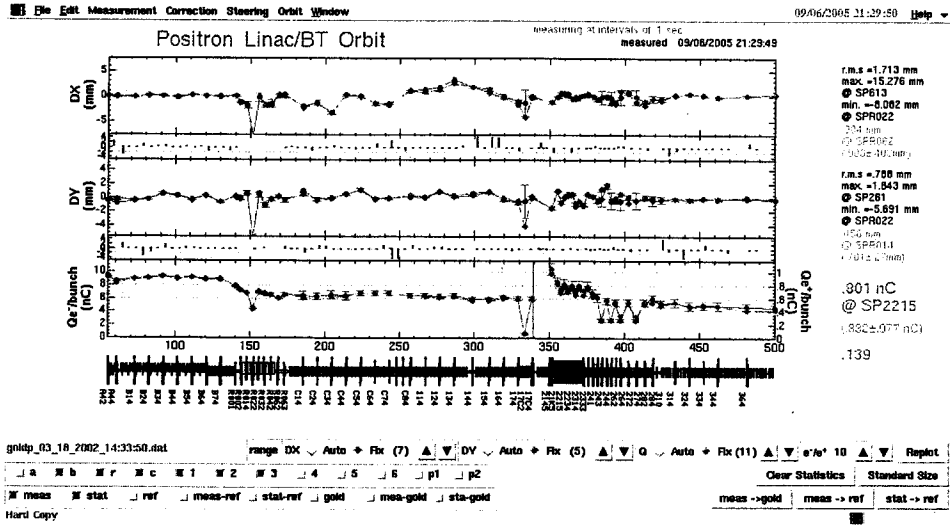


第21:30

0.25Hzの変動の原因は、TR4に存在する。

現場で調査 (古川, 草野, 東海)

e⁺の変動の原因は、e⁻ modeでの操作による。(17/6/2005)
Beamの繰り返しに対して、pulse coilの繰り返しに合わせた操作



• SP2215 z: 0.4 nC.

• WS Beam - 束の不安?
 (IOCが不安?)

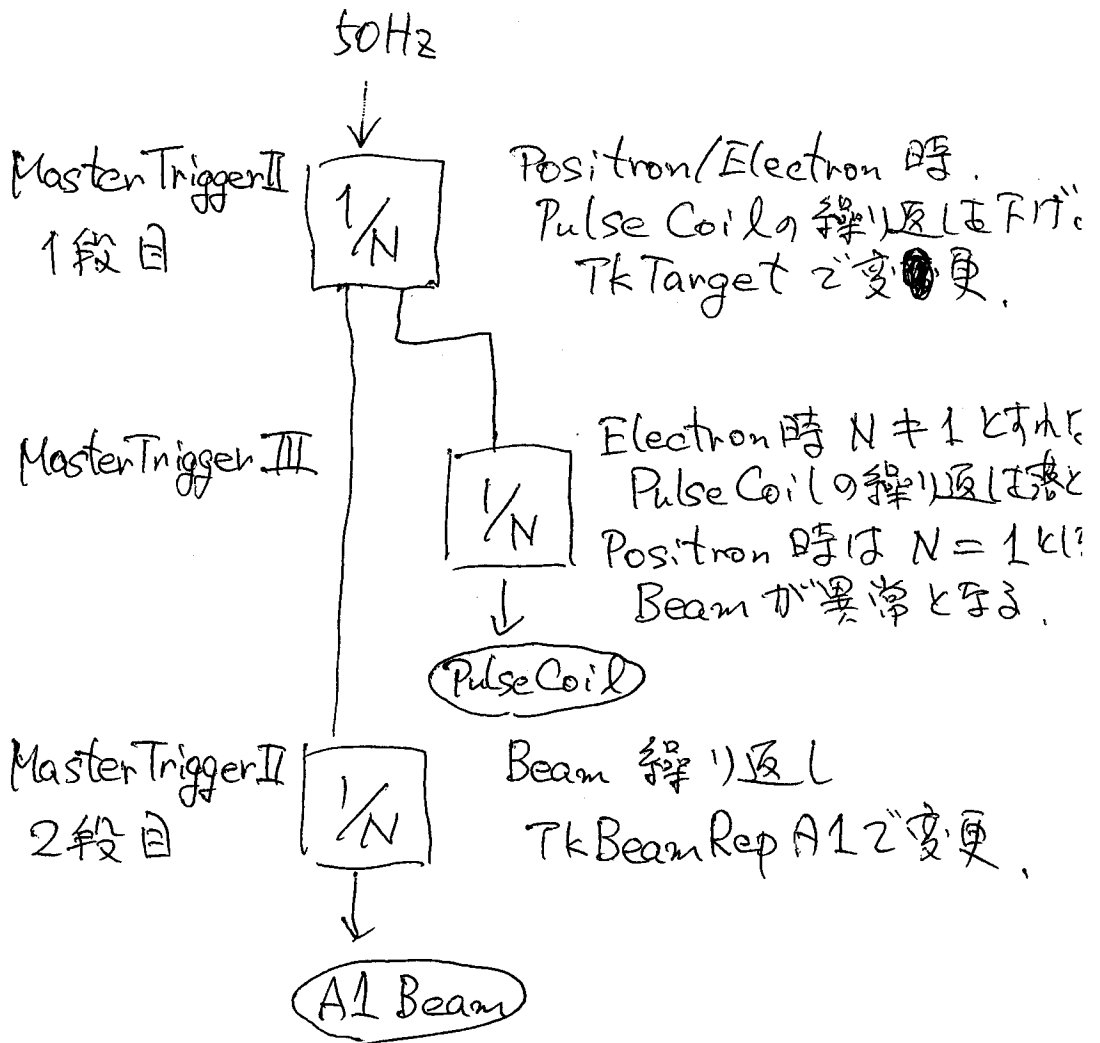
{error message}

C.A. Client-Diagnostic

Message: "User specified time out on IO operation expired"

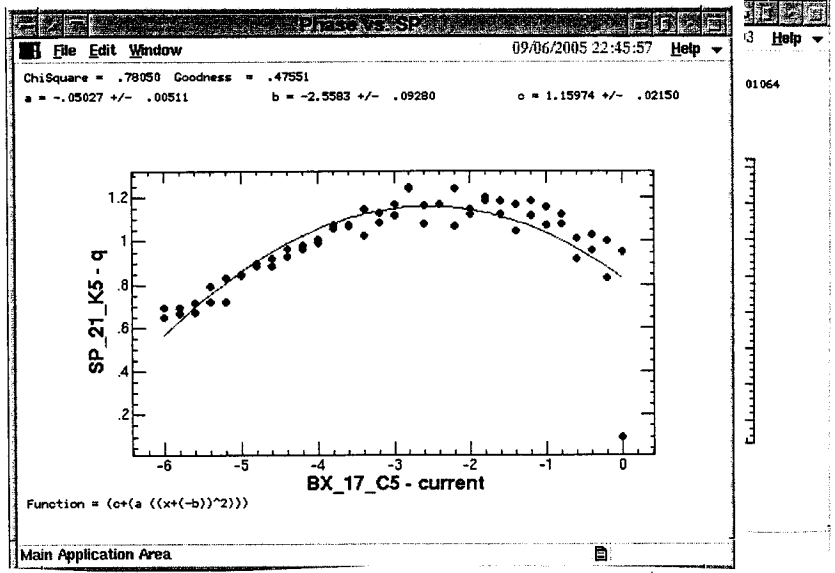
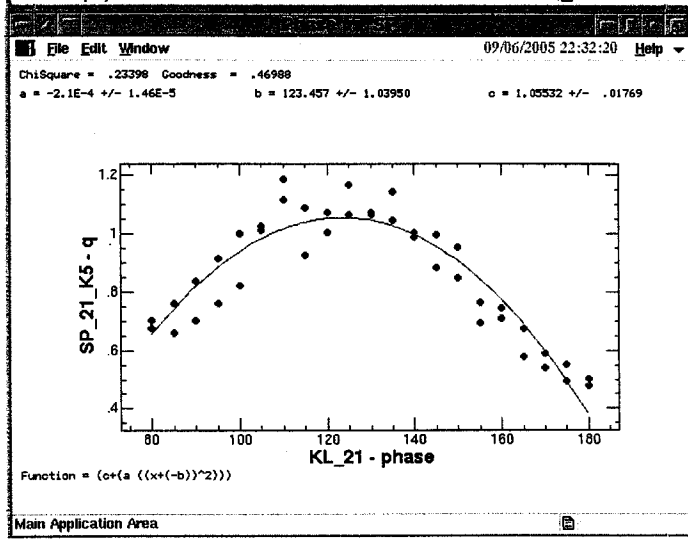
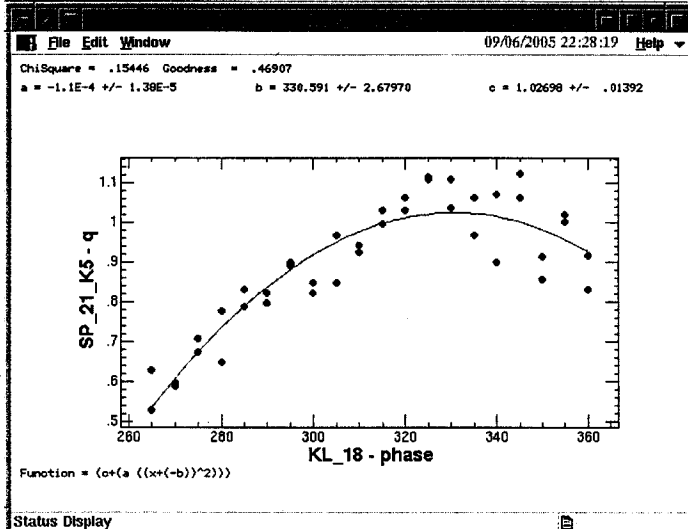
• 2 bunch 不安

K.F.



KL-18φ
322.5°
↓
330.5°

KL-21φ
106.6°
↓
122.9°



2005. 9. 7.

CT-GUN e⁻の調整.

$E_s = 18.0 \text{ kV}$ である $\Rightarrow 21.82 \text{ kV}$ に変

Isure を一度直し.

SC-CT-B9 でビーム確認
 ○ SC-CT-Q1 はビームが注ぎ始めている

e⁺ 2 bunch e⁻ ト 試験.

切替直後の e⁻ 2 bunch が出た.

Trig Station. でも確認. 切替直後の e⁻ 2 bunch e⁻ ト が出るか.

1秒以内で 1 bunch に戻す.

AR e⁻ KEKB mode で同期していたので. e⁻ の方が出なかった.

set を押すこと.

11:30

e⁺ 2 bunch e⁻ ト 試験 \Rightarrow 2 bunch 目 確認

