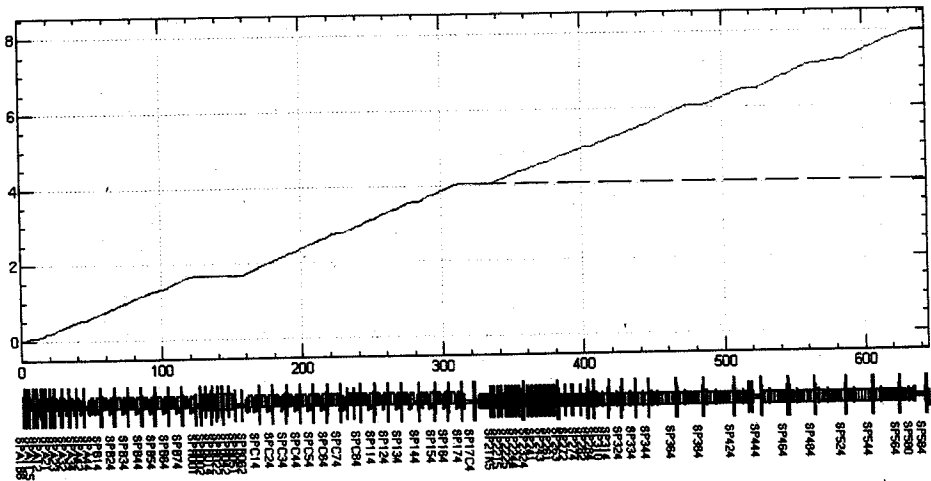


File Edit Window 02/25/2009 13:51:03 Help

KEKB e- Last updated: 02/25/2009 13:50:09 KEKB e- Output file

Energy(eV) EA1 2.0E7 EJARC 1.7E9 EPT 1.0E7 E21 8.5E7 E(e-) 4.1E8 E(e+) 3.5E9 ECT 1.0E7 E(AR) 3.0E9 E(PF) 2.5E9

ACD&Klys Clear Energy



File Edit Measurement Correction Steering Orbit Window 02/25/2009 14:19:32 Help

Electron Linac/BT Orbit measuring at intervals of 1 sec
measured 02/25/2009 14:19:32

Three vertically stacked plots showing orbit measurements over 600 units. The top plot is DX (mm) with values between -2 and 4. The middle plot is DY (mm) with values between -2 and 2. The bottom plot is Qe (mC) with values between 0.5 and 1.5. All plots show a noisy signal around a mean value.

r.m.s = 2.342 mm
max = 11.272 mm
SPQBF3E_S
min. = -8.041 mm
SPQAF5E_S

495 mm
SPQMD10E_M
(495±1.5328E-06mm)

r.m.s = 1.301 mm
max = 5.328 mm
SPQMD1E_3M
min. = -8.373 mm
SPQWDE_1M

758 mm
SPQMD10E_M
(758±1.49612E-06mm)

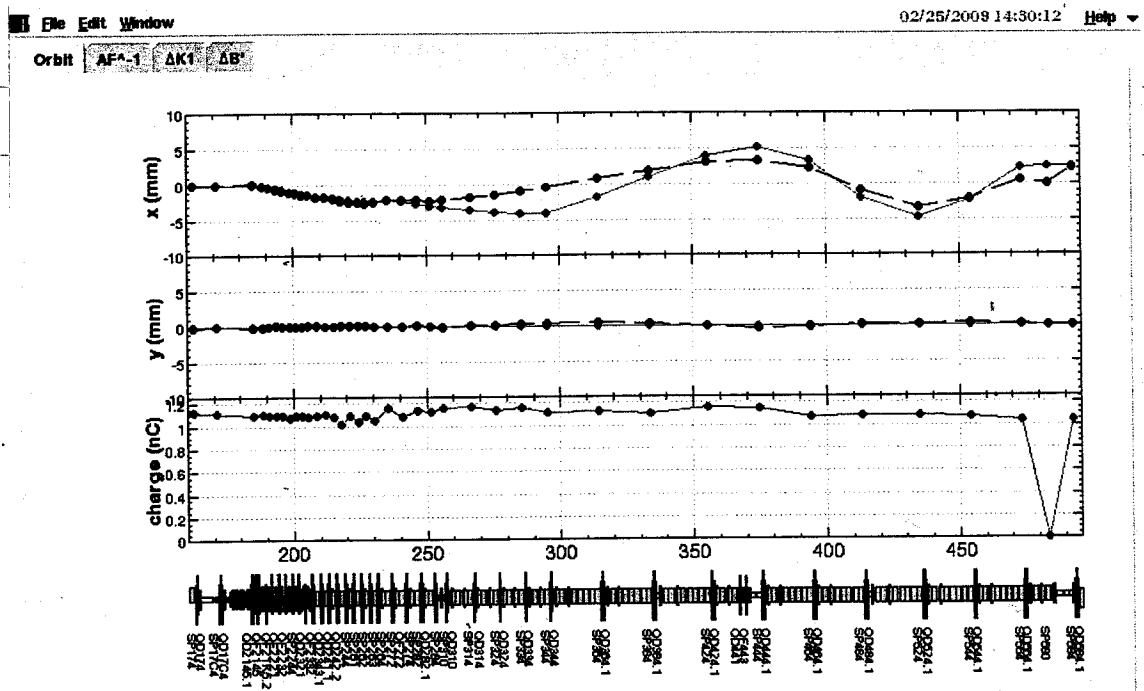
66 mC
SPQMD10E_M
(66±3.3122E-10)

0.55

goldfile range DX Auto + Fix (5) DV Auto + Fix (5) Q Auto + Fix (2) e/h 1 Replot

Clear Statistics Standard Size

meas -> gold meas -> ref meas -> ref meas -> gold meas -> gold meas -> ref meas -> ref

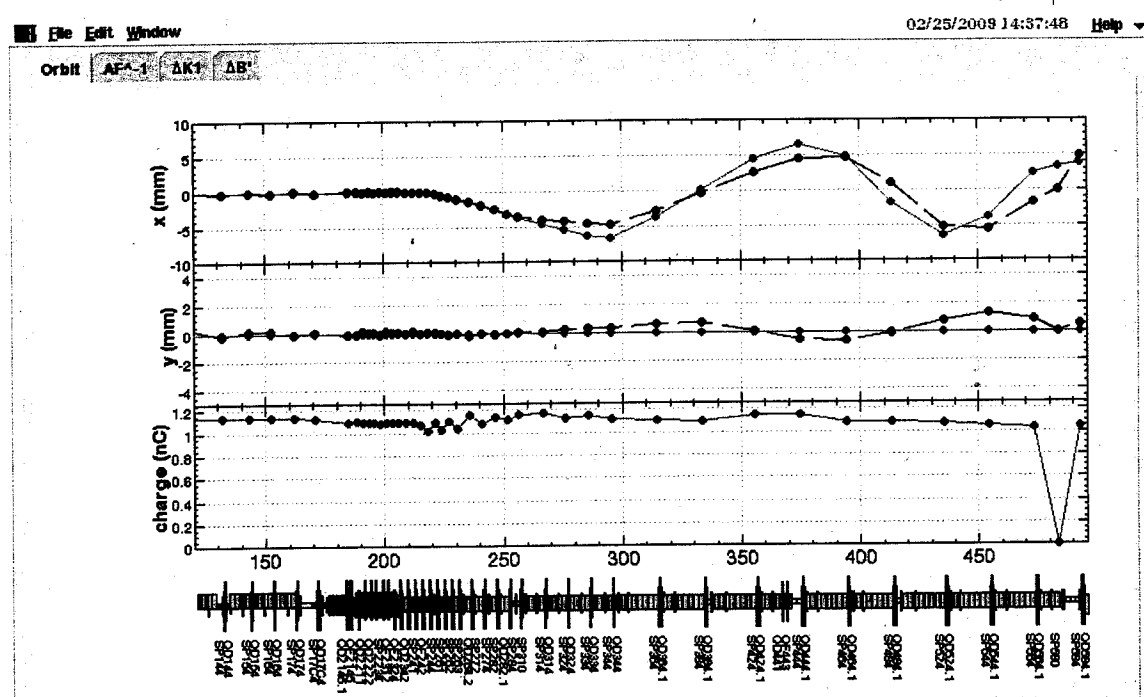


BX21K5
 { +2A
 -3A

P.63 と違
 QF26.2の
 電流を
 交換して
 センサ?

今より
 20%多
 電流を流す
 こと

SX261
 { +3A
 -2A



Read Optics: s1(m) 120, s2(m) 500, Read, Set ref, Clear ref, Plot orbit, File: sx261_2.dat, Write DATA

Steering: SX_26_1, Read, Set, Clear, I(A) 0, ΔI(A) 0, Steering(Y) SX261, KO, Set, Clear

Steering(X): SX261, KO, 9e-05, Set, Clear

Steering(Y): SX261, KO, 7e-05, Set, Clear

Select Q: QDC14, QFC14, QDC24, QFC24, QDC34, QFC34, QDC44, QFC44, QDC54, QFC54

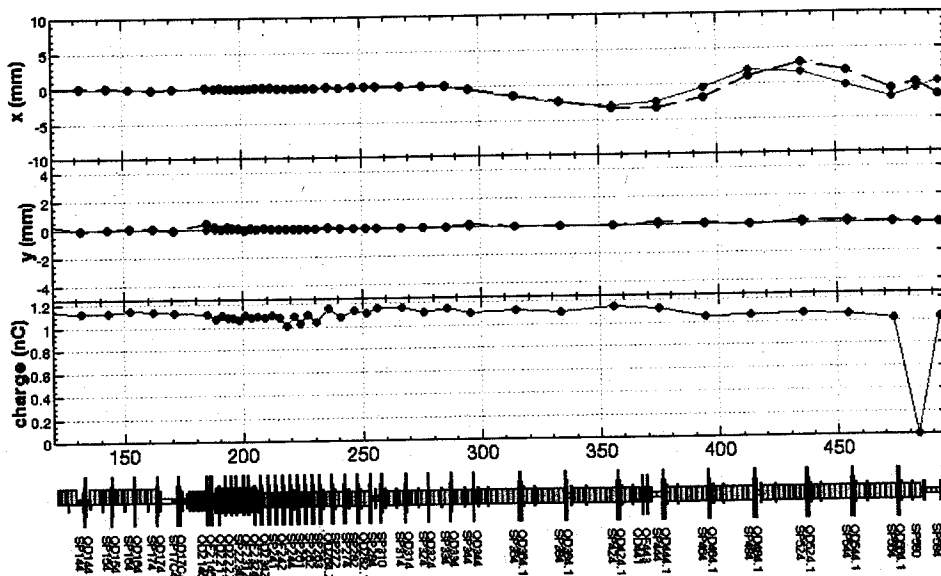
average: x, y, xy, Read SPDATA, Plot, Set ref

Other: K1 0, AF 1, Set ref, Set, EPS .03, Calc, Show Fudge, Set Fudge, Clear Fudge, Create Fudge

93

File Edit Window

Orbit AP^1 ΔK1 ΔB



SX341

{ +1A
-1A

Read Optics

s1(m) 120 Steering SX_34_1 Steering(X) SX341 QDC14 QFC14 QDC24 QFC24 QDC34 QFC34 QDC44 QFC44 QDC54 QFC54

s2(m) 500 Read K0 7e-05 AF 0 average x y xy EPS 0.3

Set ref I(A) -2.9 Set Clear

Clear ref Δ(A) 0 Steering(Y) SX341 7e-05 Set Clear

Plot orbit Set ref Set Clear

File sx341_2.dat Write DATA

Select Q

Read SPDATA

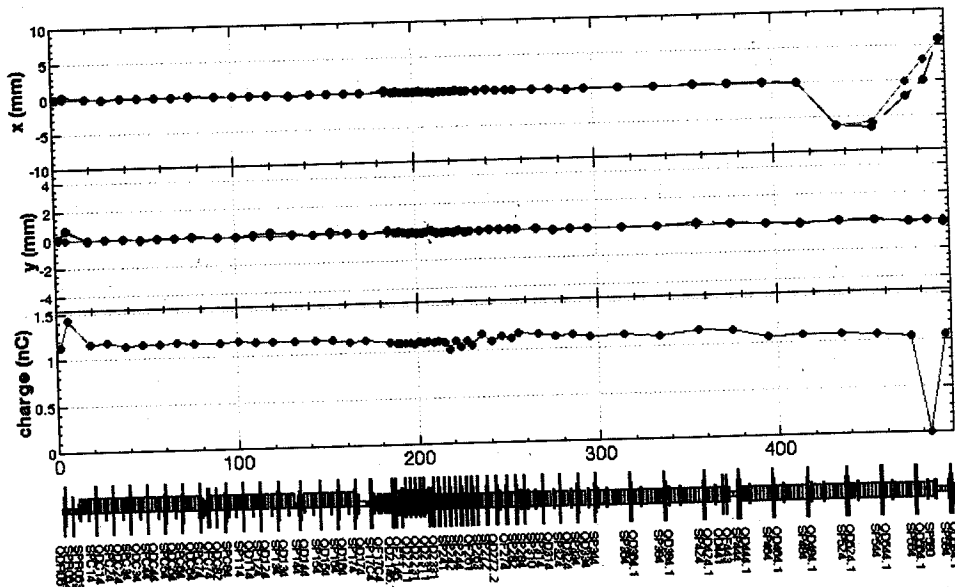
Plot Set ref

Show Fudge Set Fudge Clear Fudge Create Fudge

Open file is /mnt/hadatala/users/onishi/cvs-work/LCG/SAD/Library/single-kick/sx341_2.dat

File Edit Window

Orbit AP^1 ΔK1 ΔB



BX484

{ +0.4A
+0.3A

Read Optics

s1(m) 0 Steering BX_48_4 Steering(X) BX484 QDC14 QFC14 QDC24 QFC24 QDC34 QFC34 QDC44 QFC44 QDC54 QFC54

s2(m) 500 Read K0 0.0033 AF 0 average x y xy EPS 0.3

Set ref I(A) -0.6 Set Clear

Clear ref Δ(A) 0 Steering(Y) BX484 7e-05 Set Clear

Plot orbit Set ref Set Clear

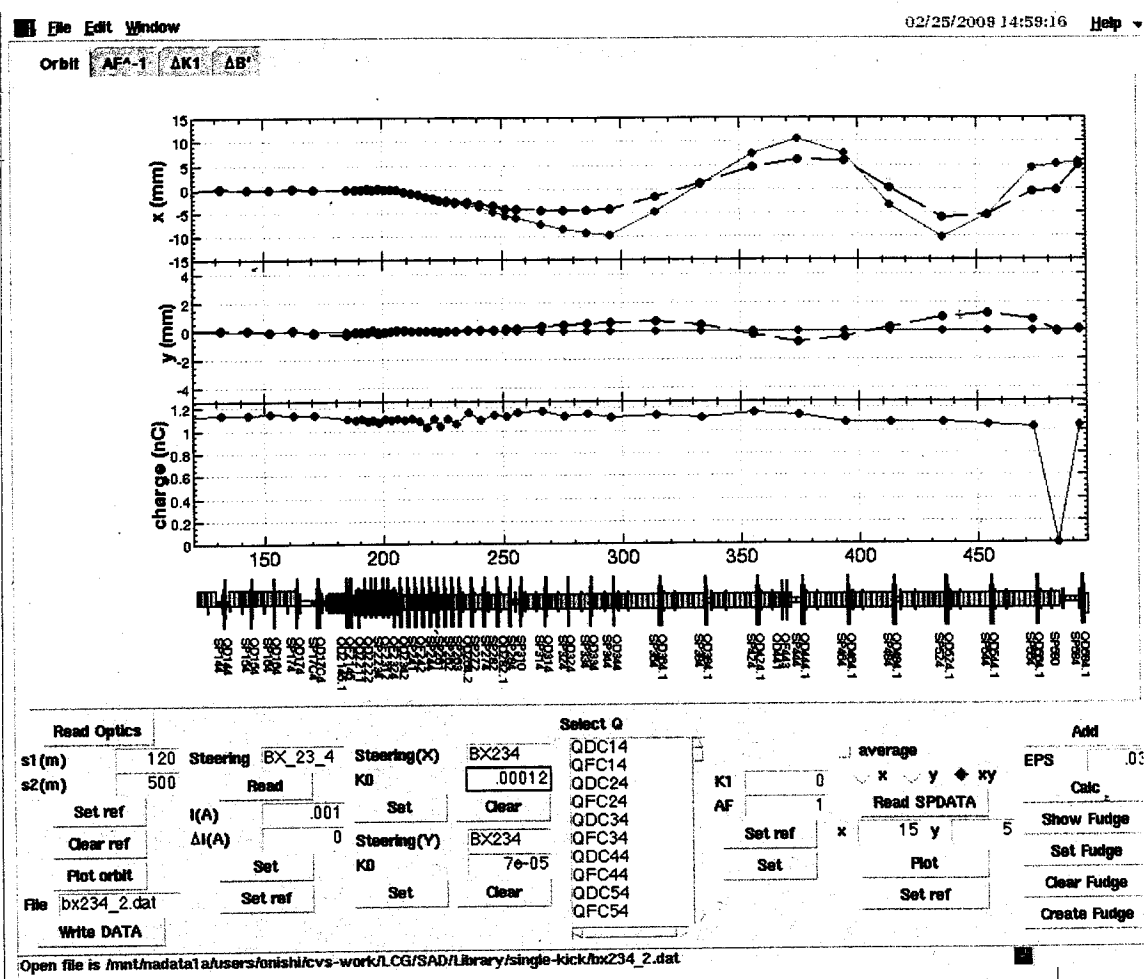
File bx484_2.dat Write DATA

Select Q

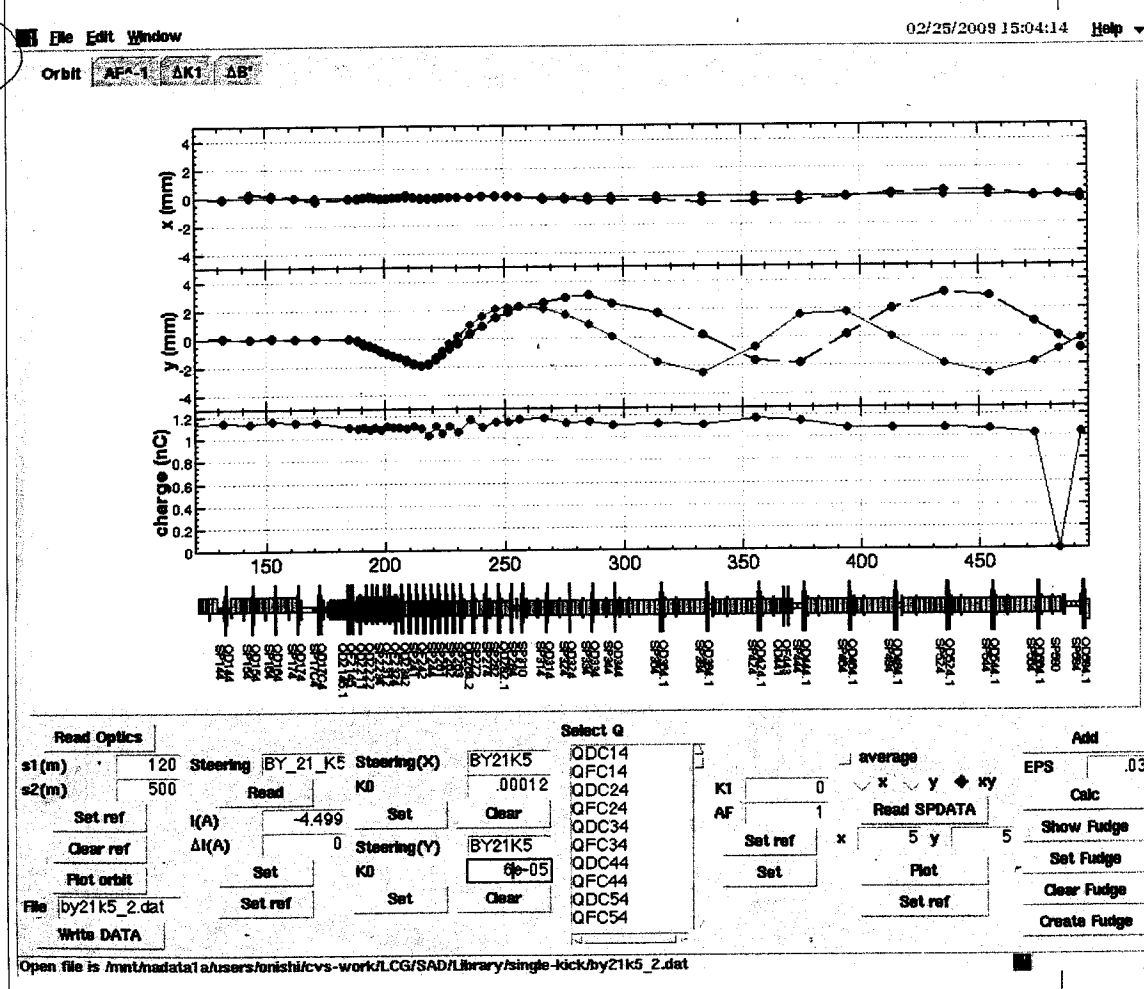
Read SPDATA

Plot Set ref

Show Fudge Set Fudge Clear Fudge Create Fudge



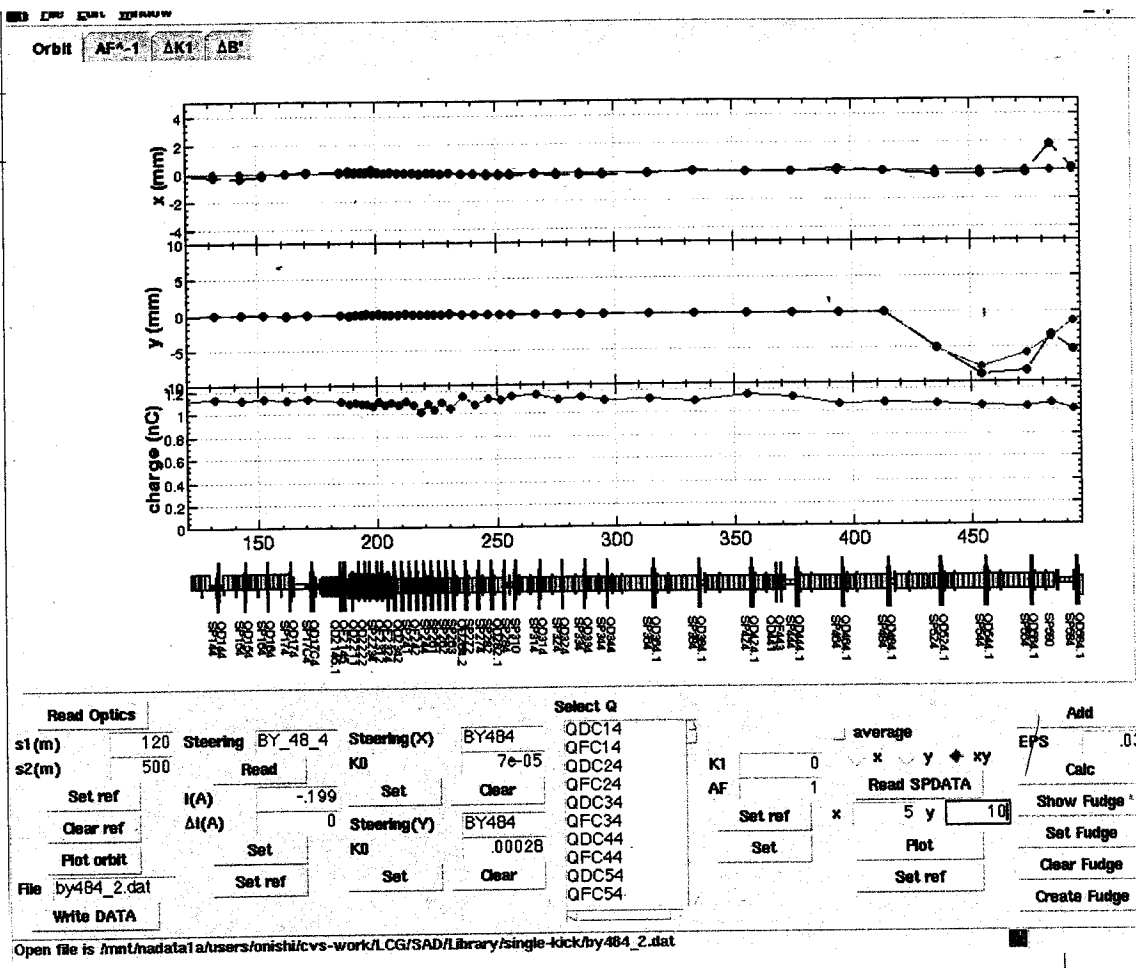
BX234
 { +0.5A
 -1A
 -0.5A



BY21K5
 { +4A
 -0.5A

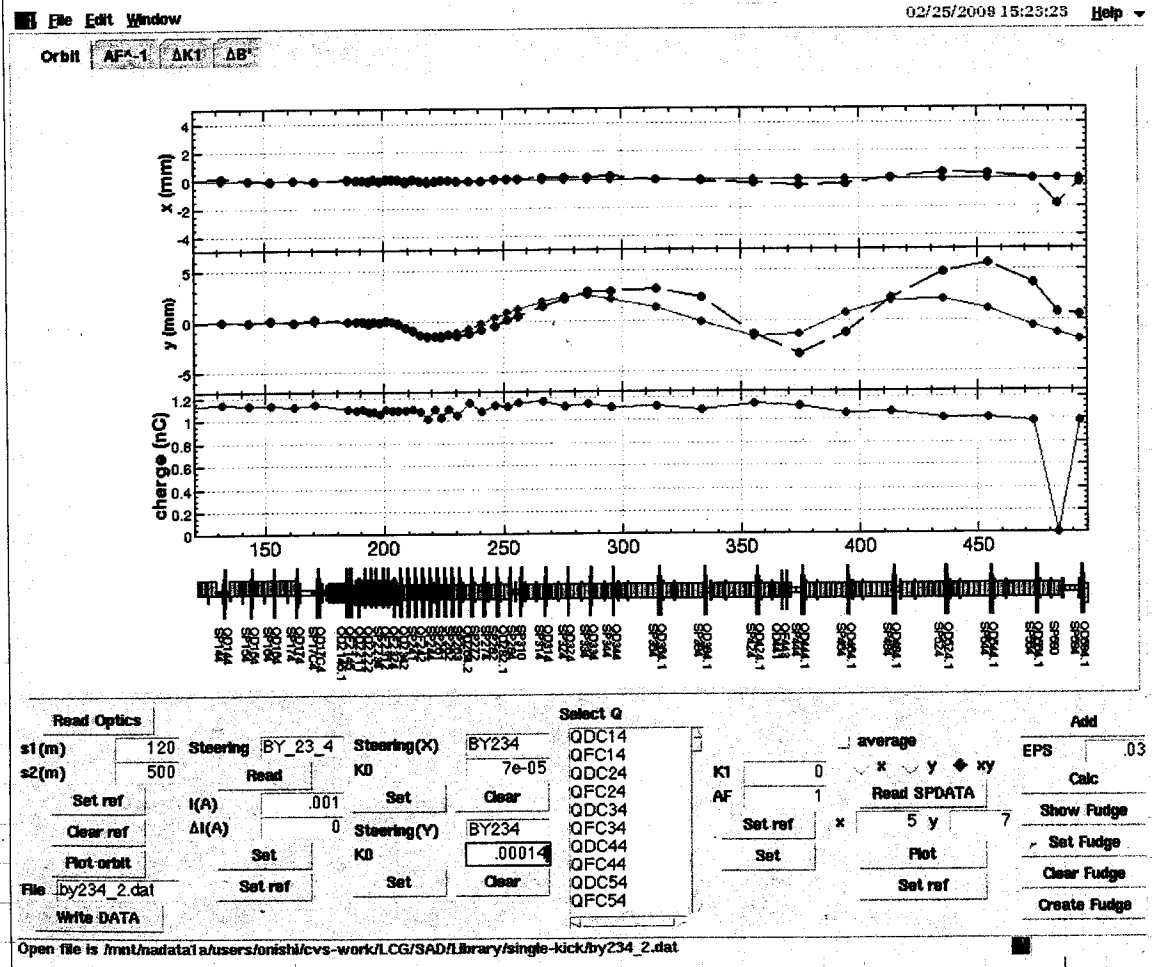
BY484

+0.3A
-0.3A



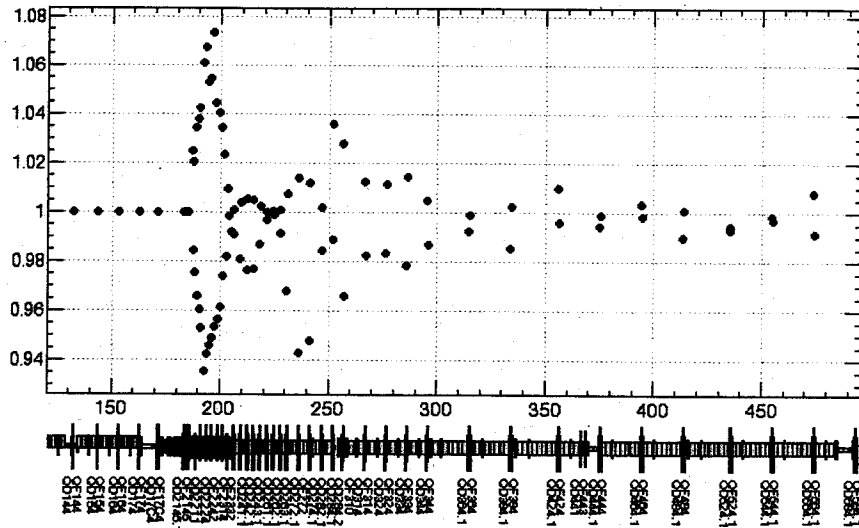
BY234

+0.5A
-0.5A



Orbit AF-1 $\Delta K1$ $\Delta B'$

AF-1

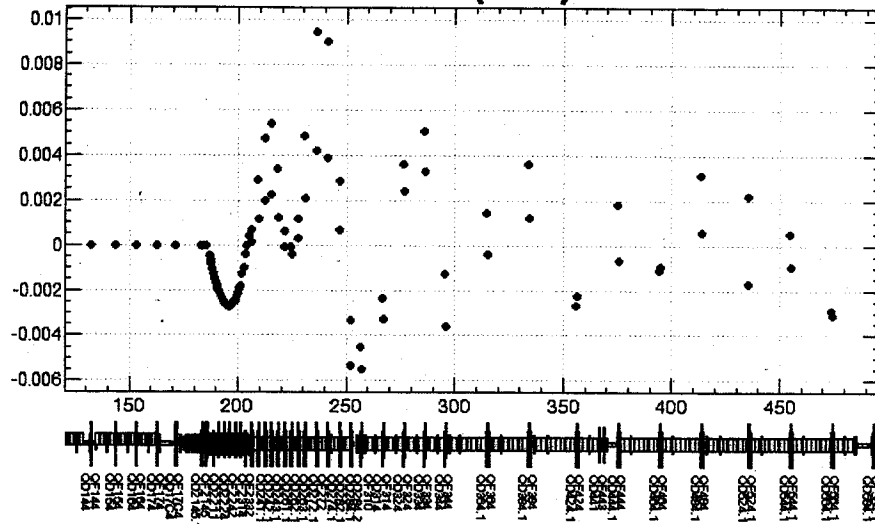


97
トリス
EPS =
0.03

Stの強さを
freeze
計算した。

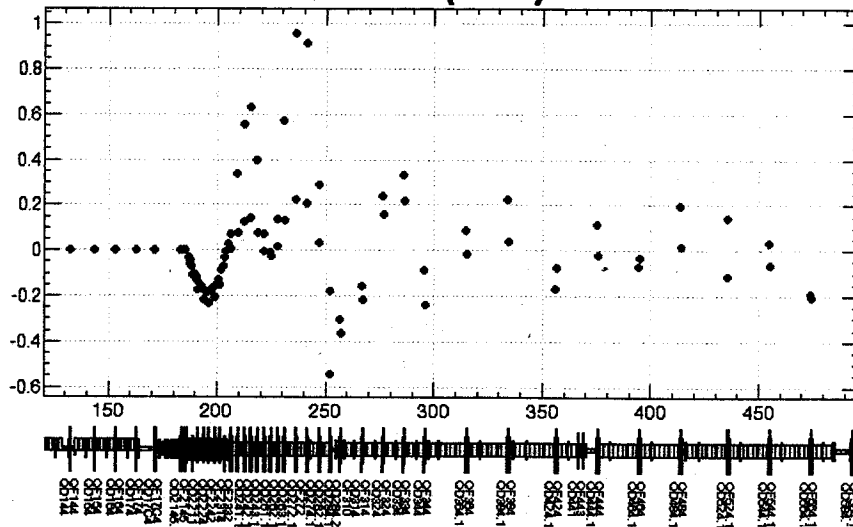
Orbit AF-1 $\Delta K1$ $\Delta B'$

$\Delta K1$ (1/m)



Orbit AF-1 $\Delta K1$ $\Delta B'$

$\Delta B'$ (T/m)

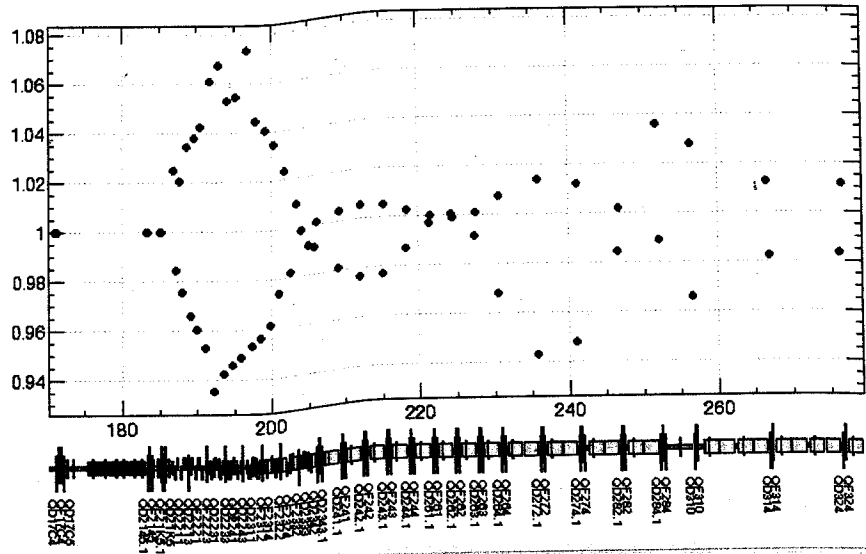


File Edit Window

Orbit AF-1 ΔK1 ΔB'

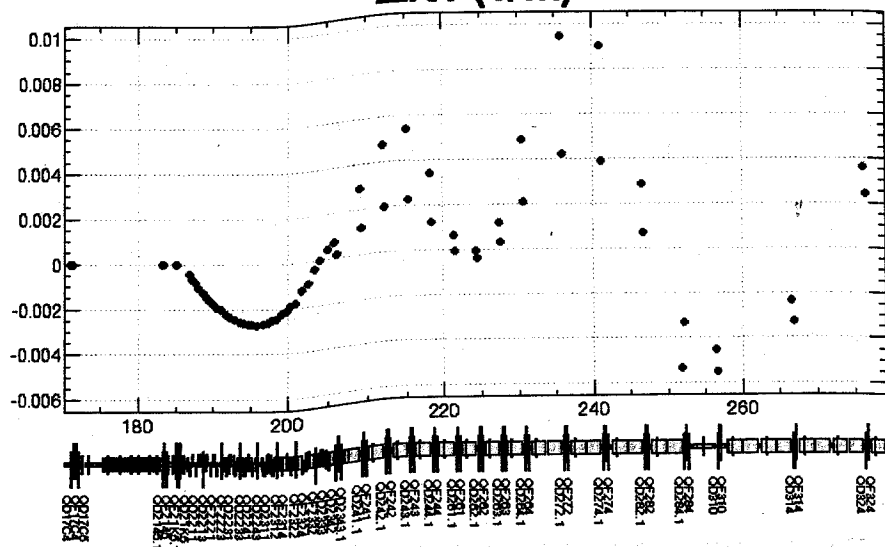
拡大図

AF-1



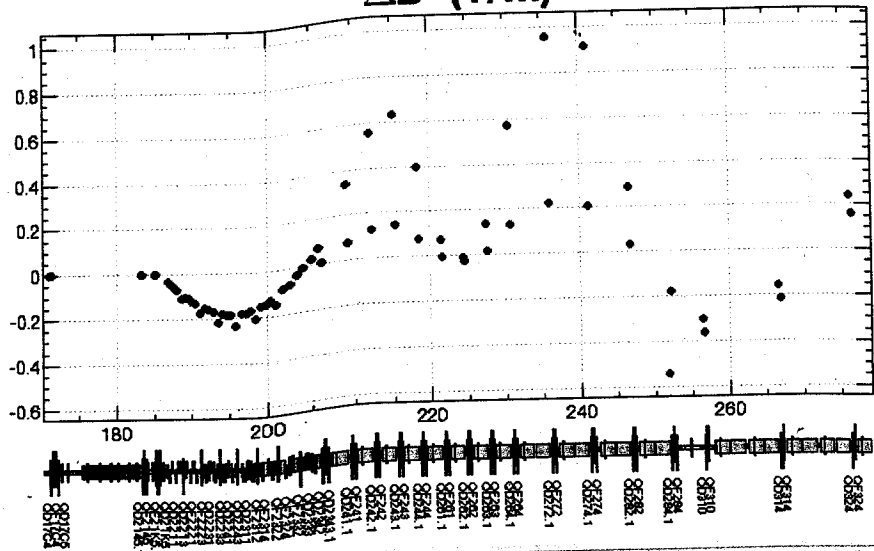
Orbit AF-1 ΔK1 ΔB'

ΔK1 (1/m)



Orbit AF-1 ΔK1 ΔB'

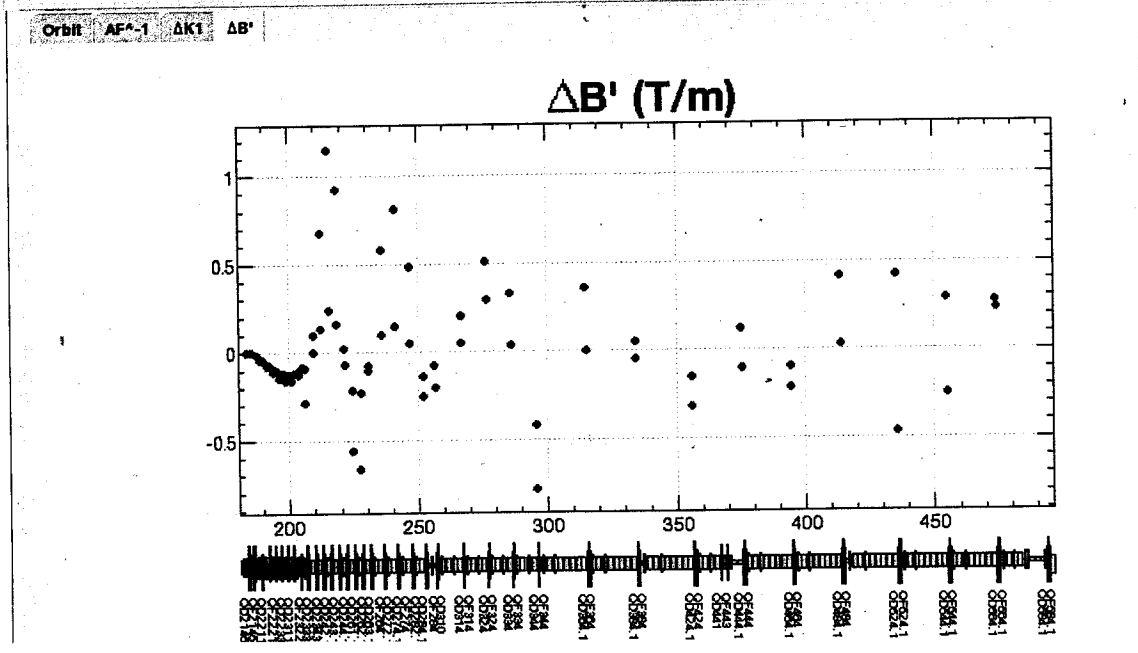
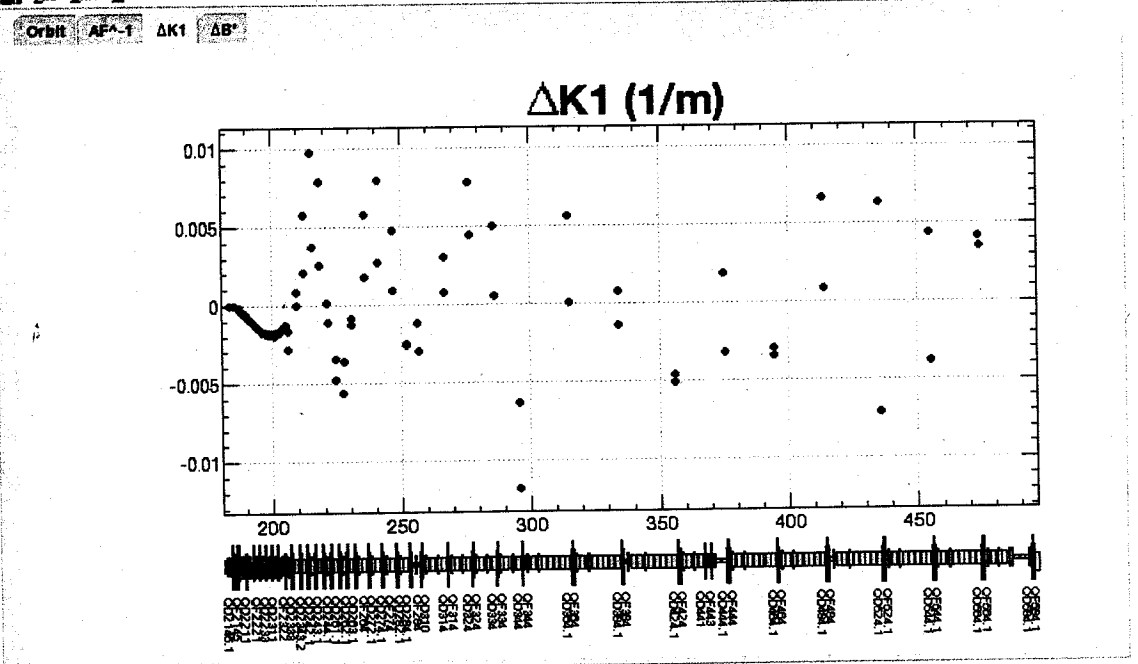
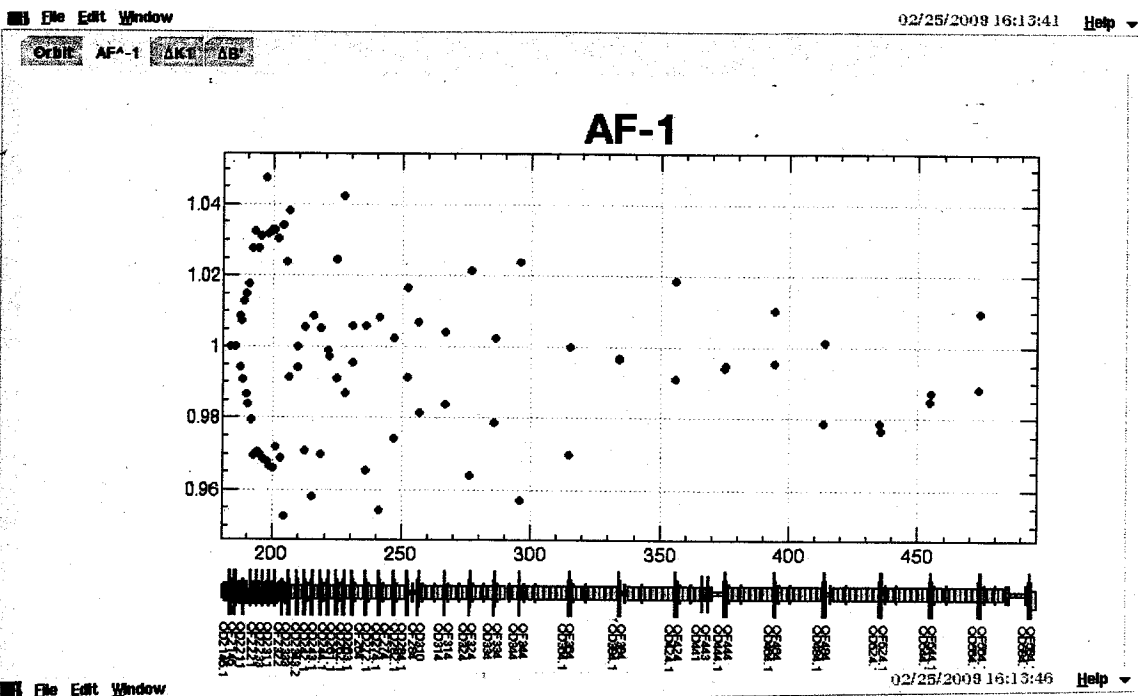
ΔB' (T/m)



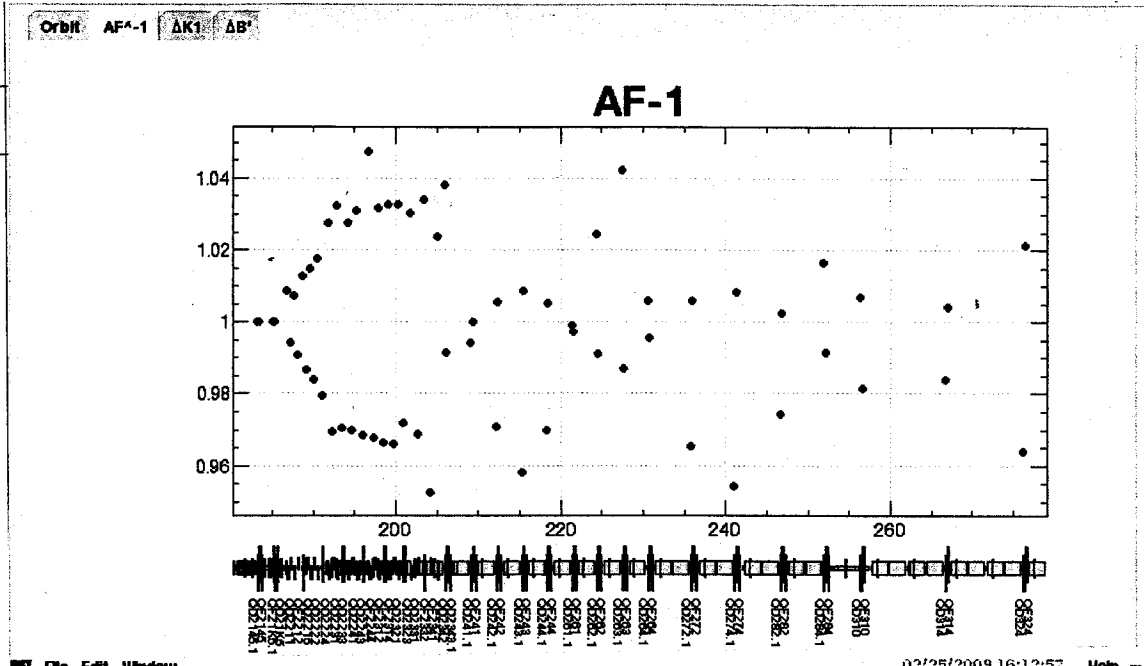
99

EPS = 0.03

Sのkickを
目で合わせ
決めたい。



松天四



File Edit Window 02/25/2009 16:12:57 Help

