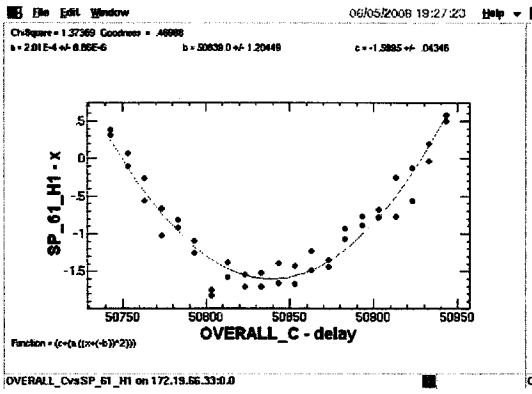
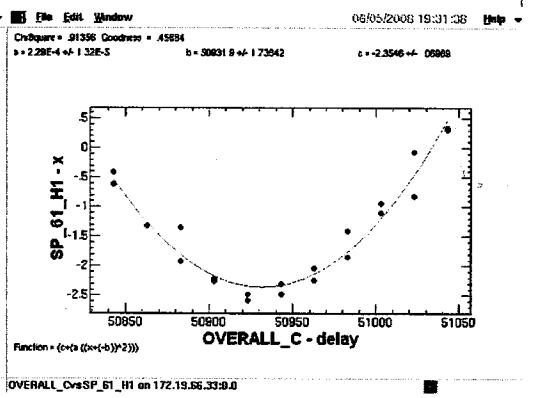
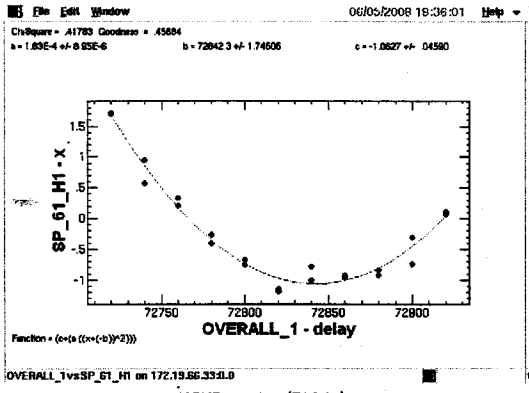


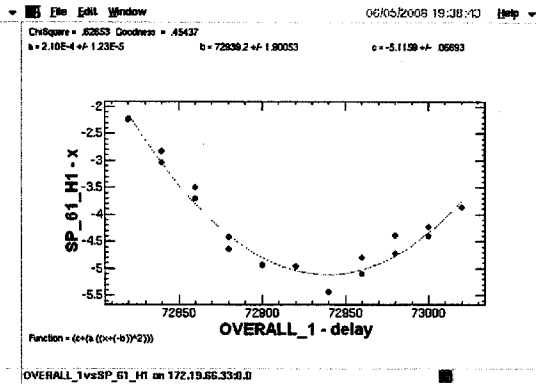
KEKB e- 1st(50839)



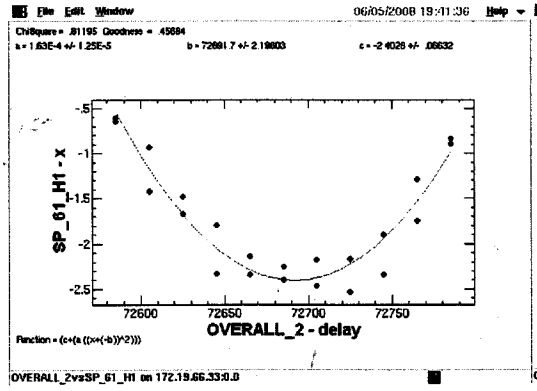
KEKB e- 2nd(50932)



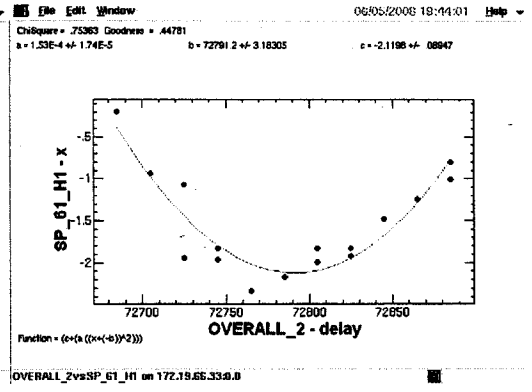
KEKB e- 1st (72842)



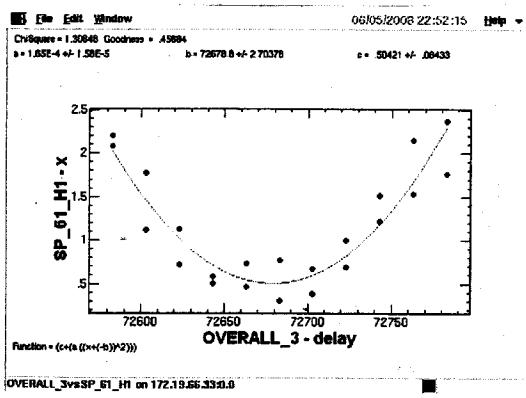
KEKB e- 2nd(72939)



KEKB e- 1st(72692)



KEKB e- 2nd(72791)



KEKB e- 1st(72678)

未測定

KEKB e- 2nd

185

'08/6/10

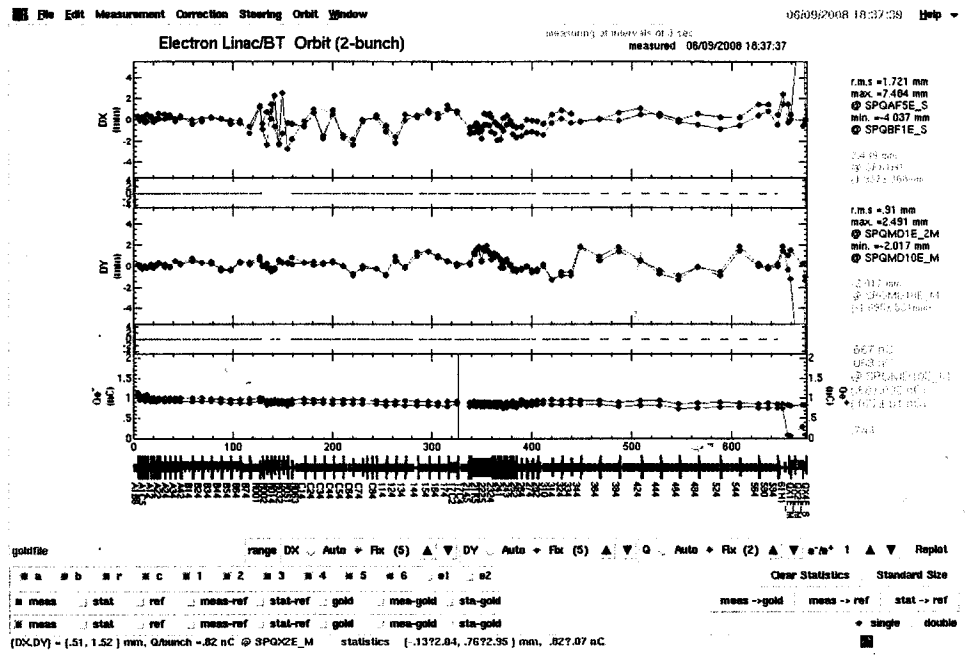
大西. 我谷.
菊地. 飯田

Overall Timing 測定

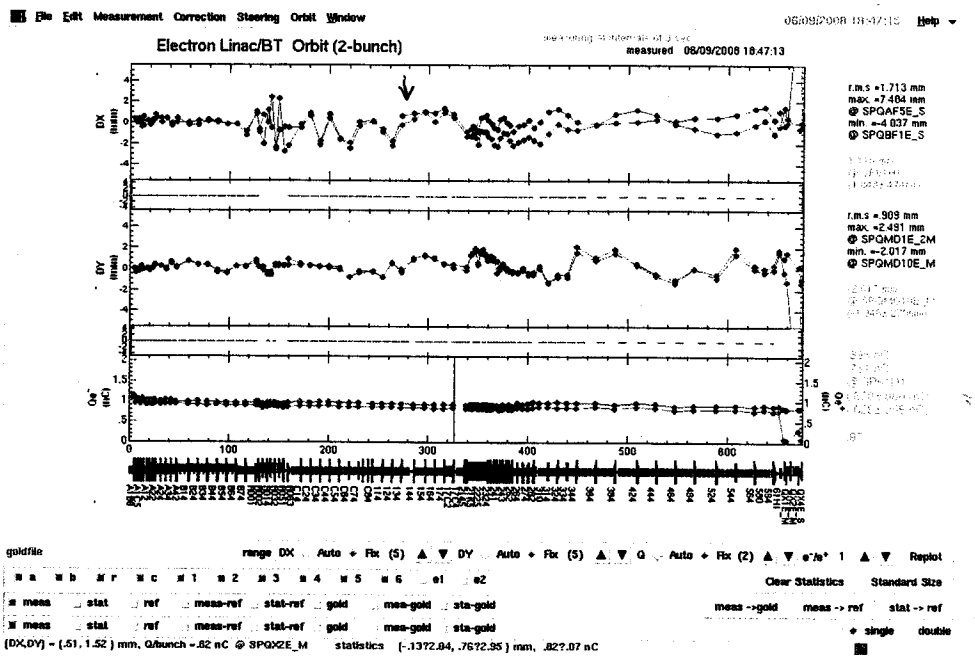
(1st bunch の Top + 48 ns) → ぶーりわけ Timing が set.

18:38

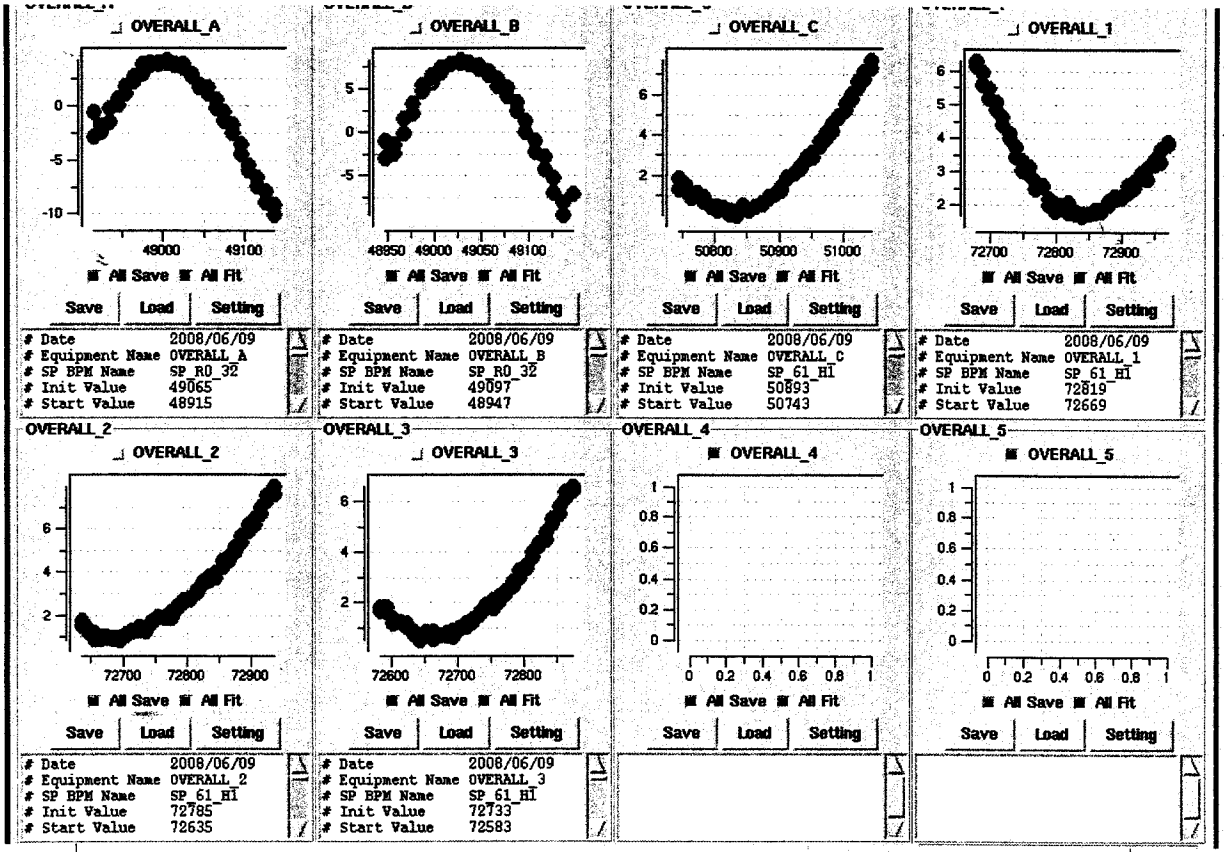
KEKB 8 GeV e⁻ での OVERALL



OVERALL_1 72819 → 72890
2 72785 → 72759
3 72733 → 72707
4 72845 → 72819



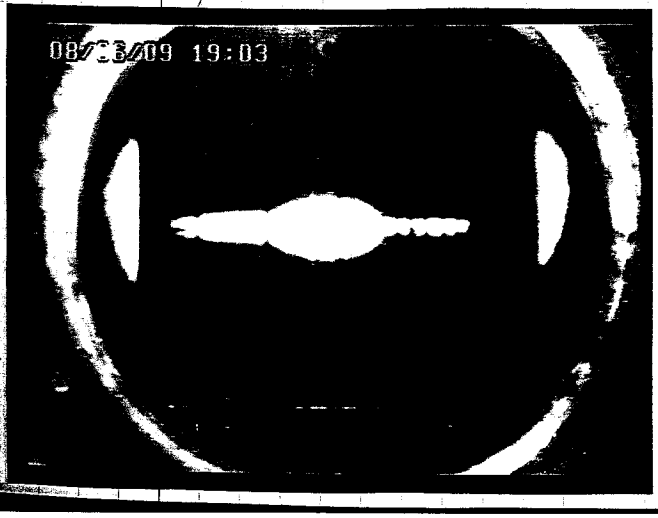
← これで測定する

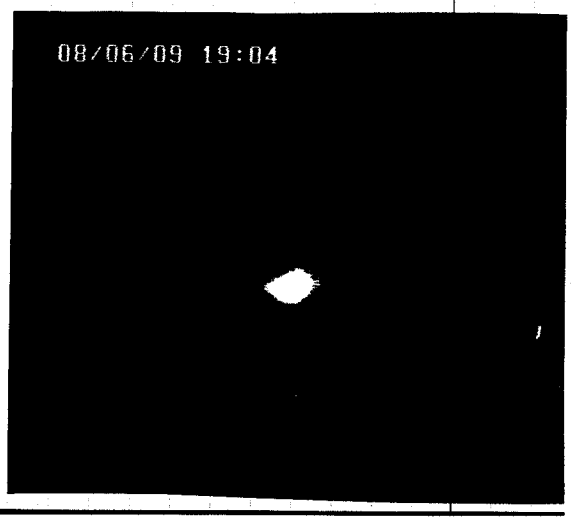


2.5GeV で Fudge Factor 測定 ← 既に 2.5GeV 測定 下記データ入っている

SXC11	−2A	+2A
SYC11	−1A	+1A
SXC13	−4A	+4A
SYC13	−1A	+1A
SXC31	−3A	+2A
SYC31	−3A	+3A

BX384	−0.5	+0.5
BY384	−0.5	+0.5
SX311	−2A	+2A



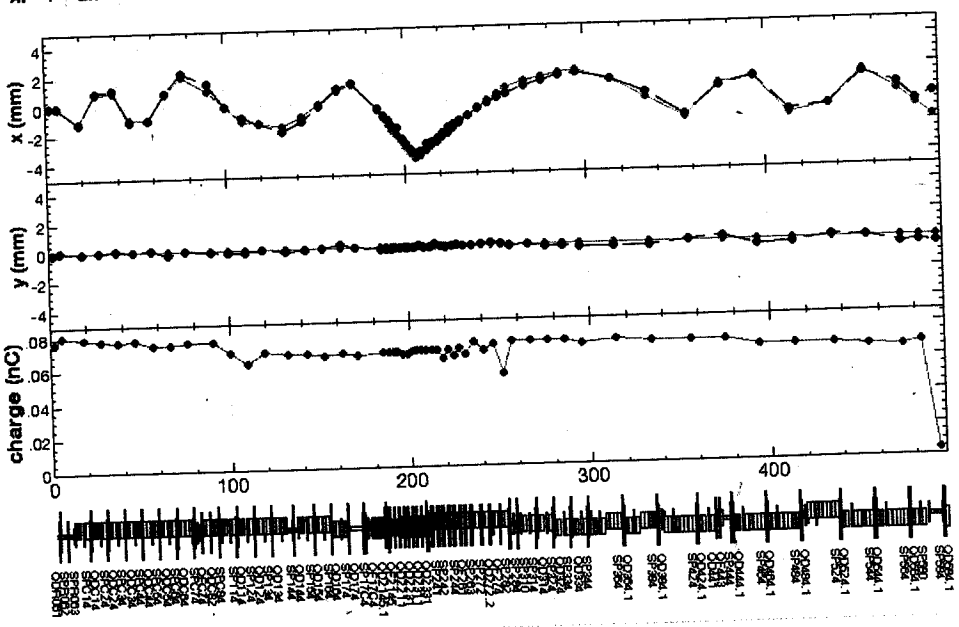


187

06/09/2008 19:40:03 Help

File Edit Window

Orbit | AF^-1 | ΔK1 | ΔB'



Read Optics
s1(m) 0
s2(m) 500
Set ref
Clear ref
Plot orbit
File sxc11_1.dat

Steering SX_C1_1
Read
I(A) -1.999
ΔI(A) 0
Set
Set ref

Steering(X)
K0
Set
SXC11
1.3E-4
Clear
Steering(Y)
K0
Set
SYC11
7E-5
Clear

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

K1 0
AF 1
Set ref
Set

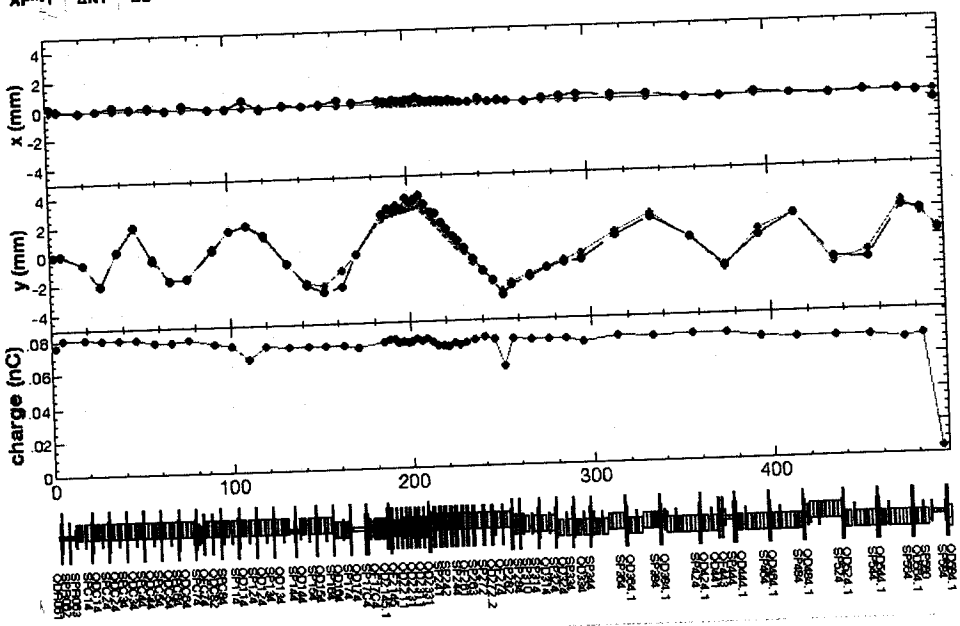
average
x y xy
Read SPDATA
x 5 y 5
Plot
Set ref

Add
EPS .03
Calc
Show Fudge
Set Fudge
Clear Fudge
Create Fudge

06/09/2008 19:43:37 Help

File Edit Window

Orbit | AF^-1 | ΔK1 | ΔB'



Read Optics
s1(m) 0
s2(m) 500
Set ref
Clear ref
Plot orbit

Steering SX_C1_1
Read
I(A) 2.001
ΔI(A) 0
Set

Steering(X)
K0
Set
SXC11
-1.3E-4
Clear
Steering(Y)
K0
Set
SYC11
7E-5
Clear

Select Q
QDC14
QFC14
QDC24
QFC24
QDC34
QFC34
QDC44
QFC44
QDC54

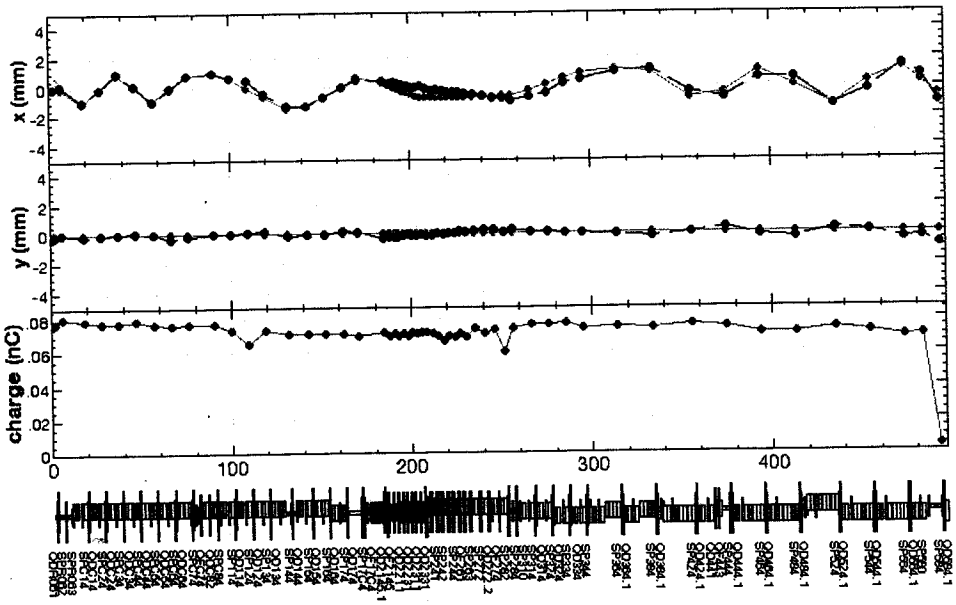
K1 0
AF 1
Set ref
Set

average
x y xy
Read SPDATA
x 5 y 5
Plot
Set ref

Add
EPS .03
Calc
Show Fudge
Set Fudge
Clear Fudge

File Edit Window 06/09/2008 19:50:02 Help

Orbit AF^-1 ΔK1 ΔB'



Read Optics
s1(m) 0
s2(m) 500
Set ref
Clear ref
Plot orbit
File sxc13_1.dat

Steering SY_C1_1
Read
I(A) -1
ΔI(A)
Set
Set ref

Steering(X) SXC13
K0 2.8E-4
Set Clear

Steering(Y) SYC11
K0 -7E-5
Set Clear

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

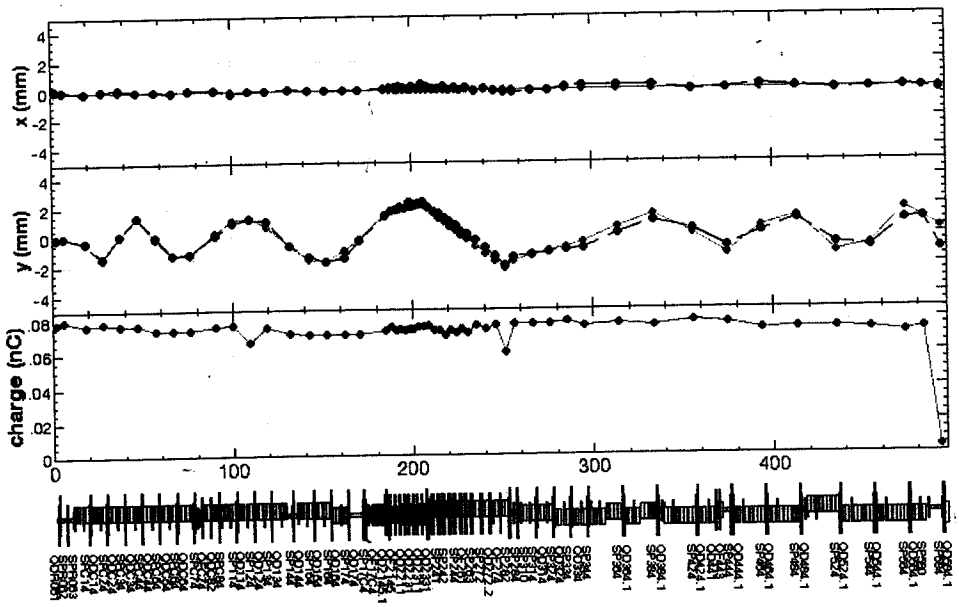
K1 0
AF 1
Set ref
Set

average
x y xy
Read SPDATA
x 5 y 5
Plot
Set ref

Add
EPS .03
Calc
Show Fudge
Set Fudge
Clear Fudge
Create Fudge

File Edit Window 06/09/2008 19:52:28 Help

Orbit AF^-1 ΔK1 ΔB'



Read Optics
s1(m) 0
s2(m) 500
Set ref
Clear ref
Plot orbit
File syc13_1.dat

Steering SY_C1_1
Read
I(A) -1
ΔI(A)
Set
Set ref

Steering(X) SXC13
K0 -2.8E-4
Set Clear

Steering(Y) SYC11
K0 5E-5
Set Clear

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

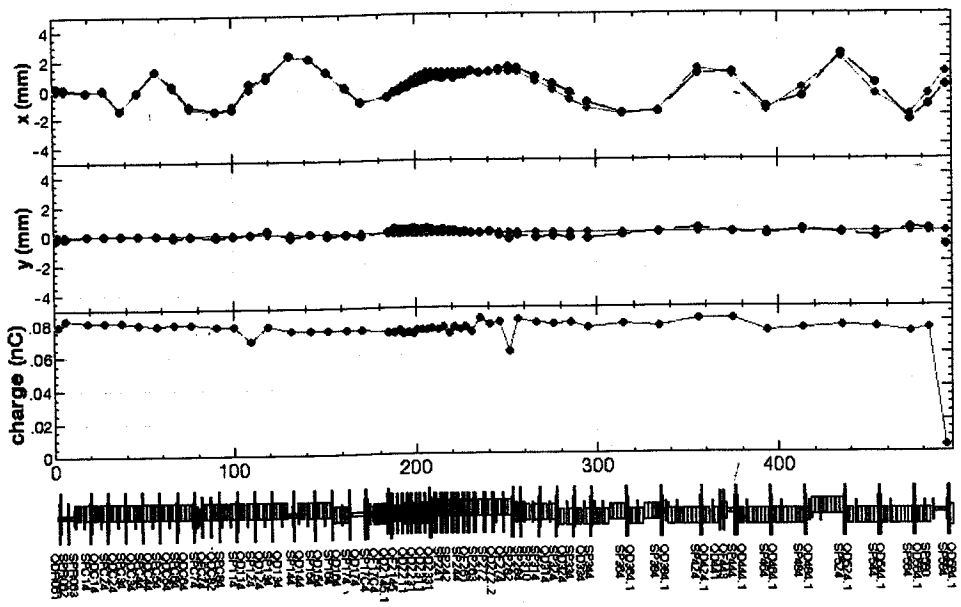
K1 0
AF 1
Set ref
Set

average
x y xy
Read SPDATA
x 5 y 5
Plot
Set ref

Add
EPS .03
Calc
Show Fudge
Set Fudge
Clear Fudge
Create Fudge

File Edit Window 06/09/2008 19:56:22 Help

Orbit | AF^-1 | ΔK1 | ΔB'



Read Optics
s1(m) 0
s2(m) 500
Set ref
Clear ref
Plot orbit
File sxc31_1.dat

Steering SY_C1_1
Read
I(A) -1
ΔI(A)
Set
Set ref

Steering(X) SXC31
K0 1.8E-4
Set Clear
Steering(Y) SYC11
K0 -5E-5
Set Clear

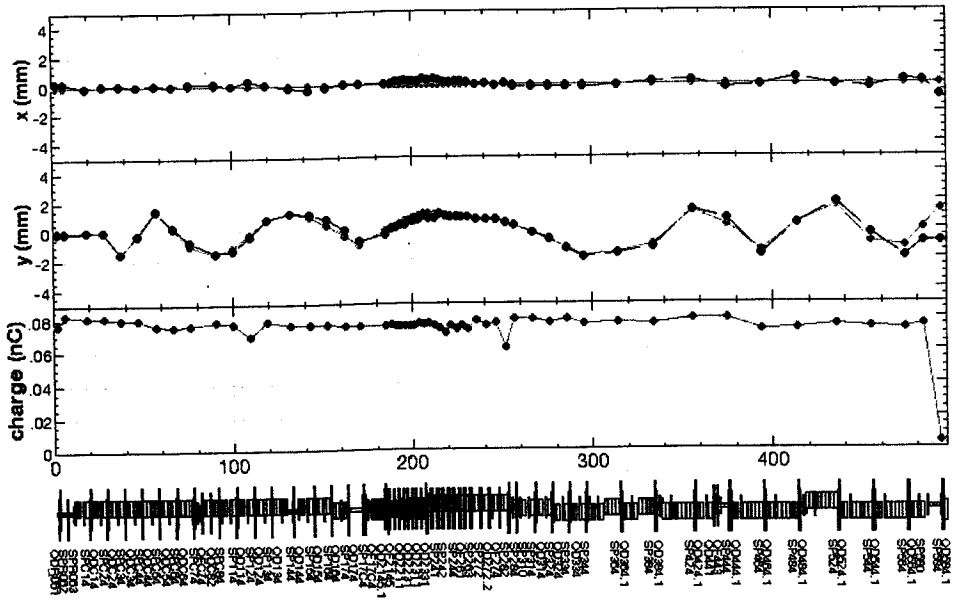
Select Q
QDC14 QFC14 QDC24 QFC24 QDC34 QFC34 QDC44 QFC44 QDC54 QFC54

average
K1 0 x y xy
AF 1 Read SPDATA
Set ref x 5 y 5
Set Plot
Set ref

Add
EPS .03
Calc
Show Fudge
Set Fudge
Clear Fudge
Create Fudge

File Edit Window 06/09/2008 20:00:06 Help

Orbit | AF^-1 | ΔK1 | ΔB'



Read Optics
s1(m) 0
s2(m) 500
Set ref
Clear ref
Plot orbit

Steering SY_C1_1
Read
I(A) -1
ΔI(A)
Set

Steering(X) SXC31
K0 -1.3E-4
Set Clear
Steering(Y) SYC31
K0 1.9E-4

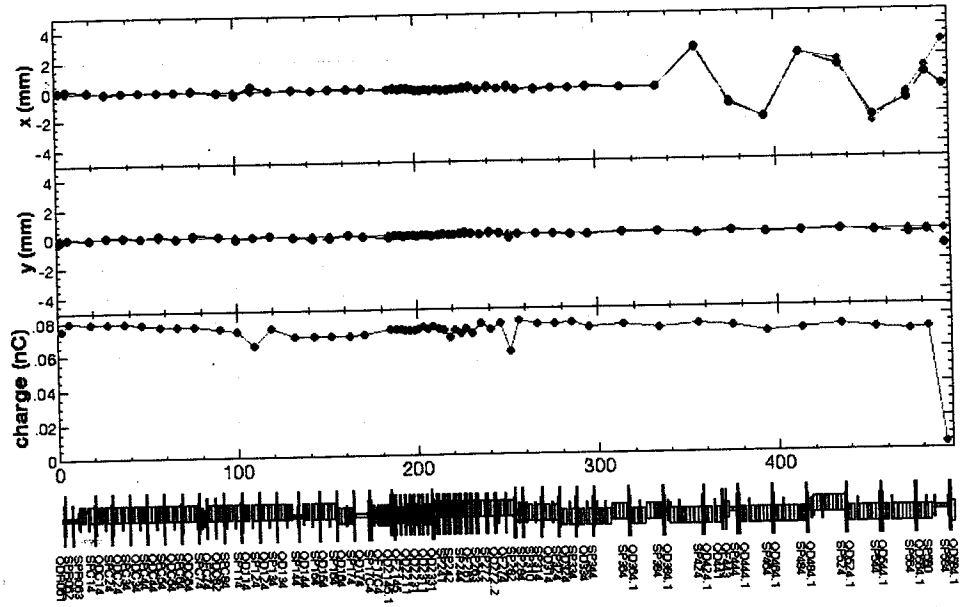
Select Q
QDC14 QFC14 QDC24 QFC24 QDC34 QFC34 QDC44 QFC44

average
K1 0 x y xy
AF 1 Read SPDATA
Set ref x 5 y 5
Set Plot

Add
EPS .03
Calc
Show Fudge
Set Fudge
Clear Fudge

File Edit Window 06/09/2008 20:05:10 Help

Orbit | AF^-1 | ΔK1 | ΔB'



Read Optics
s1(m) 0
s2(m) 500
Set ref
Clear ref
Plot orbit
File bx384_2.dat

Steering BX_38_4
Read
I(A) .534
ΔI(A)
Set
Set ref

Steering(X) BX384
K0 -1.3E-4
Set Clear

Steering(Y) SYC31
K0 -1.9E-4
Set Clear

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

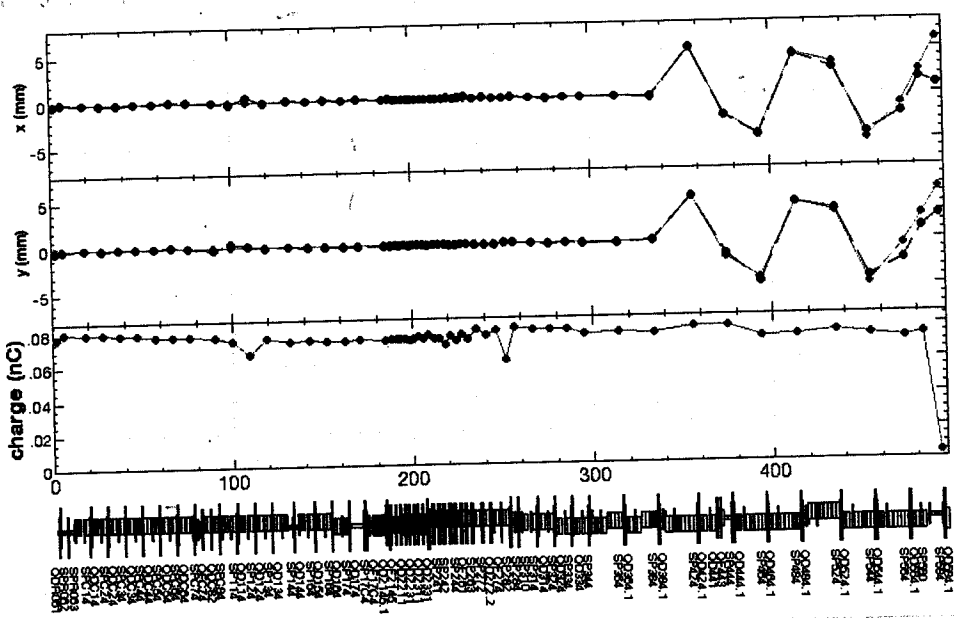
K1 0
AF 1
Set ref
Set

average
x y xy
Read SPDATA
x 5 y 5
Plot
Set ref

Add
EPS .03
Calc
Show Fudge
Set Fudge
Clear Fudge
Create Fudge

File Edit Window 06/09/2008 21:18:02 Help

Orbit | AF^-1 | ΔK1 | ΔB'



Read Optics
s1(m) 0
s2(m) 500
Set ref
Clear ref
Plot orbit
File temp.dat
Write DATA

Steering SX_C1_1
Read
I(A) 0
ΔI(A) 0
Set
Set ref

Steering(X) BX384
K0 -2.6E-4
Set Clear

Steering(Y) BY384
K0 -2.5E-4
Set Clear

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

K1 0
AF 1
Set ref
Set

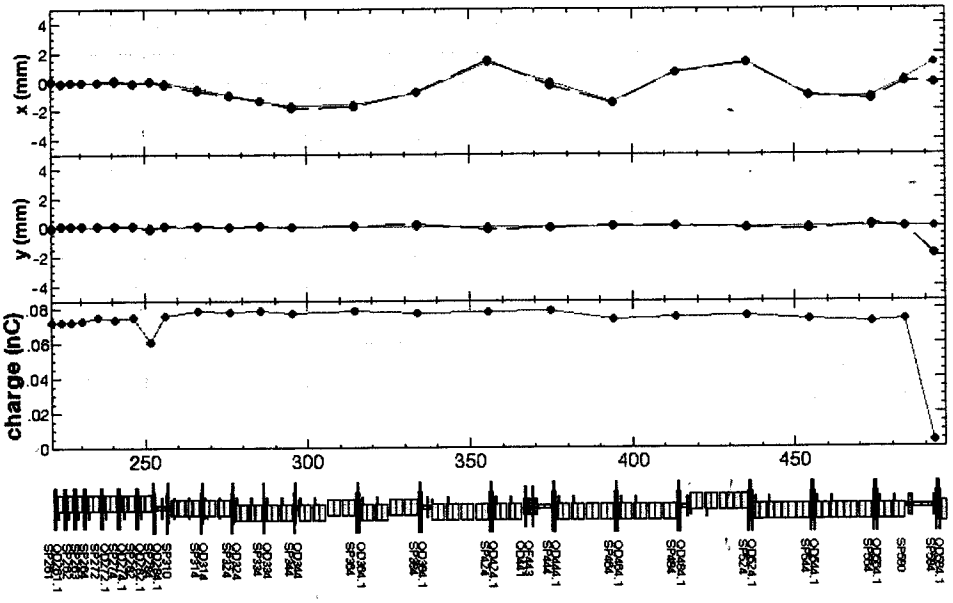
average
x y xy
Read SPDATA
x 5 y 5
Plot
Set ref

Add
EPS .03
Calc
Show Fudge
Set Fudge
Clear Fudge
Create Fudge

Open file is /mnt/nadata1a/users/onishi/cvs-work/LCG/SAD/Library/single-kick/20080609-waf/by384_2.dat

File Edit Window 06/09/2008 20:11:34 Help

Orbit | AF^-1 | ΔK1 | ΔB'



Read Optics
s1(m) 220
s2(m) 500
Set ref
Clear ref
Plot orbit
File sx311_1.dat

Steering BX_38_4
Read
I(A) .534
ΔI(A)
Set
Set ref

Steering(X) SX311
K0 5E-5
Set
Clear

Steering(Y) BY384
K0 -1.3E-4
Set
Clear

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

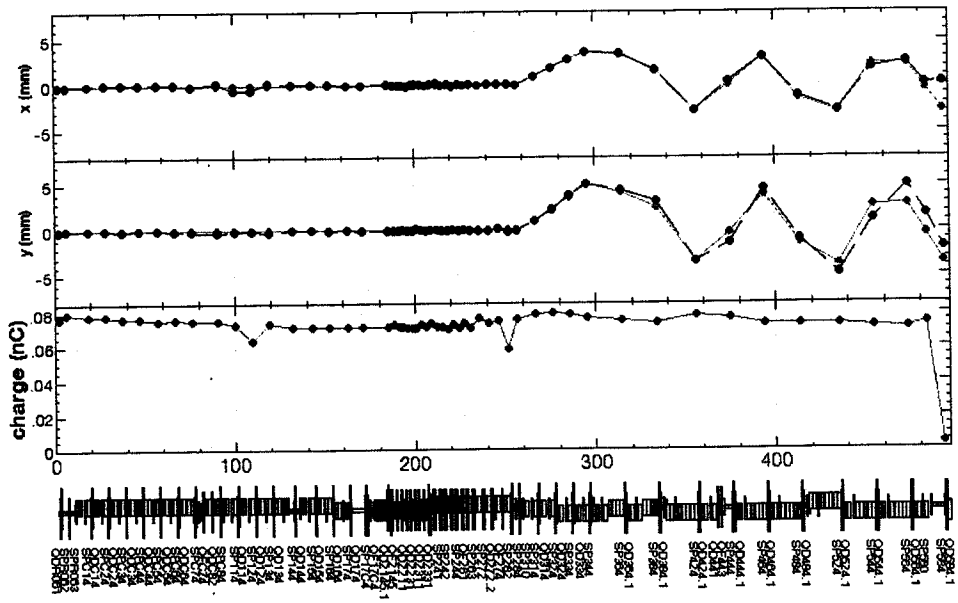
K1 0
AF 1
Set ref
Set

average
x y xy
Read SPDATA
x 5 y 5
Plot
Set ref

Add
EPS .03
Calc
Show Fudge
Set Fudge
Clear Fudge
Create Fudge

File Edit Window 06/09/2008 21:23:53 Help

Orbit | AF^-1 | ΔK1 | ΔB'



Read Optics
s1(m) 0
s2(m) 500
Set ref
Clear ref
Plot orbit
File temp.dat
Write DATA

Steering SX_C1_1
Read
I(A) 0
ΔI(A) 0
Set
Set ref

Steering(X) SX311
K0 -1.1E-4
Set
Clear

Steering(Y) SY311
K0 -1.3E-4
Set
Clear

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

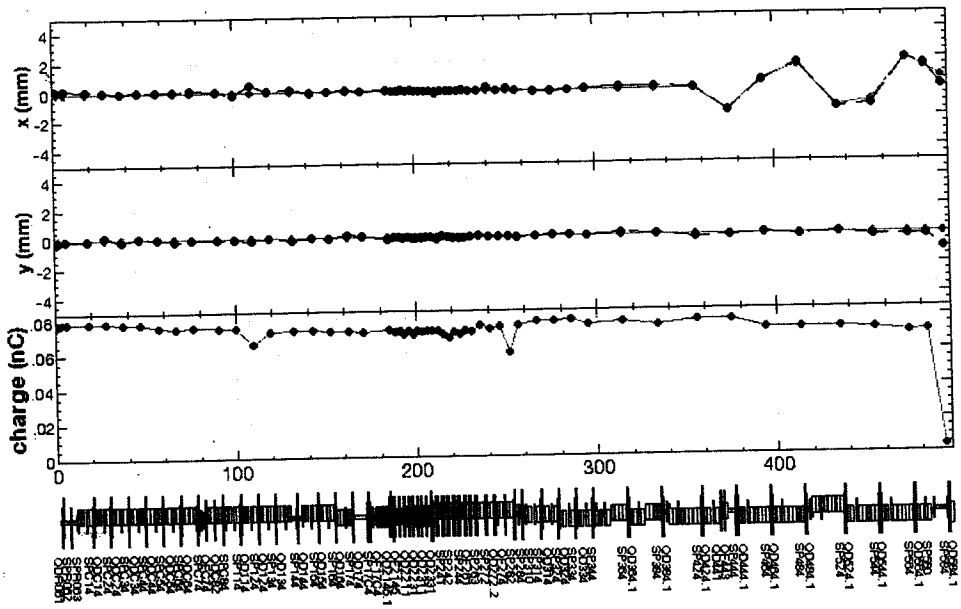
K1 0
AF 1
Set ref
Set

average
x y xy
Read SPDATA
x 5 y 5
Plot
Set ref

Add
EPS .03
Calc
Show Fudge
Set Fudge
Clear Fudge
Create Fudge

File Edit Window 06/09/2008 20:18:04 Help

Orbit AF^-1 ΔK1 ΔB'



Read Optics
s1(m) 0
s2(m) 500
Set ref
Clear ref
Plot orbit
File sx431_1.dat

Steering BX_38_4
Read
I(A) .534
ΔI(A) 0
Set
Set ref

Steering(X) SX431
K0 -8E-5
Set Clear
Steering(Y) SY311
K0 -6.8E-5
Set Clear

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

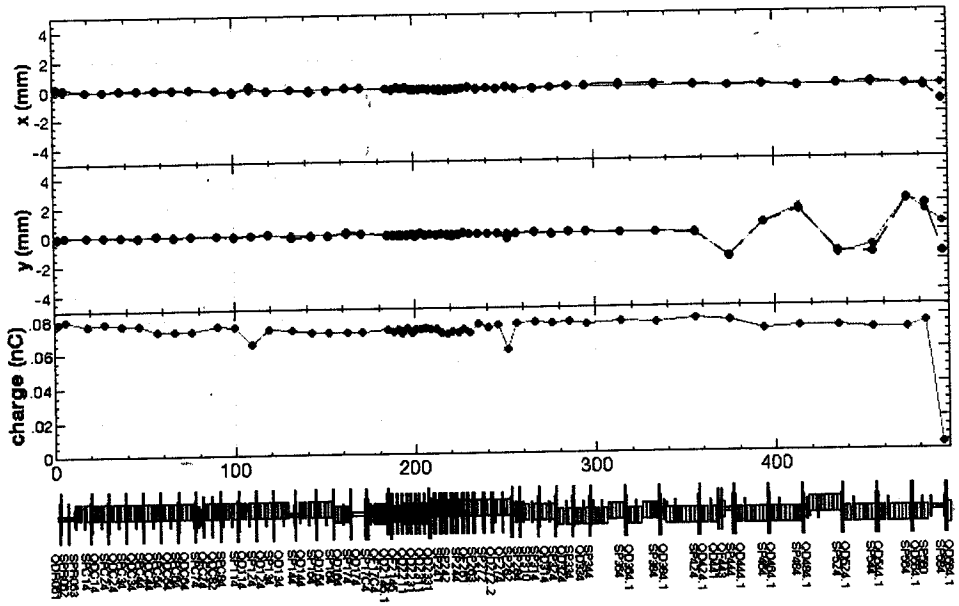
K1 0
AF 1
Set ref Set

average
x y xy
Read SPDATA
x 5 y 5
Plot
Set ref

Add
EPS .03
Calc
Show Fudge
Set Fudge
Clear Fudge
Create Fudge

File Edit Window 06/09/2008 20:20:33 Help

Orbit AF^-1 ΔK1 ΔB'



Read Optics
s1(m) 0
s2(m) 500
Set ref
Clear ref
Plot orbit
File sy431_1.dat

Steering BX_38_4
Read
I(A) .534
ΔI(A) 0
Set
Set ref

Steering(X) SX431
K0 -8E-5
Set Clear
Steering(Y) SY431
K0 1E-4
Set Clear

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

K1 0
AF 1
Set ref Set

average
x y xy
Read SPDATA
x 5 y 5
Plot
Set ref

Add
EPS .03
Calc
Show Fudge
Set Fudge
Clear Fudge
Create Fudge

193 C-C77- Matching pf-A1