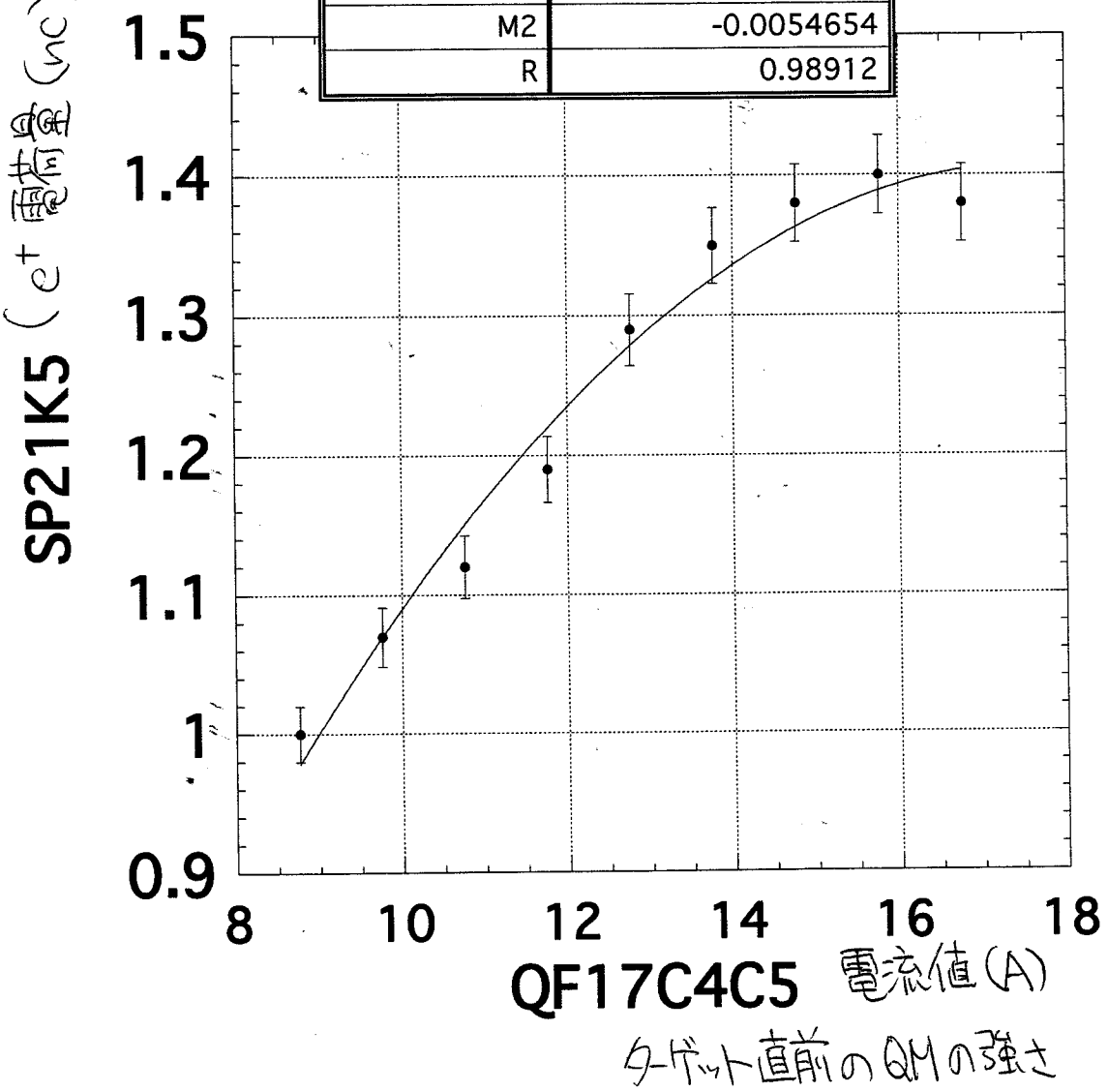
$Y = M0 + M1*x + \ldots M8*x^8 + M9*x^9$	
M0	-0.28999
M1	0.19266
M2	-0.0054654
R	0.98912

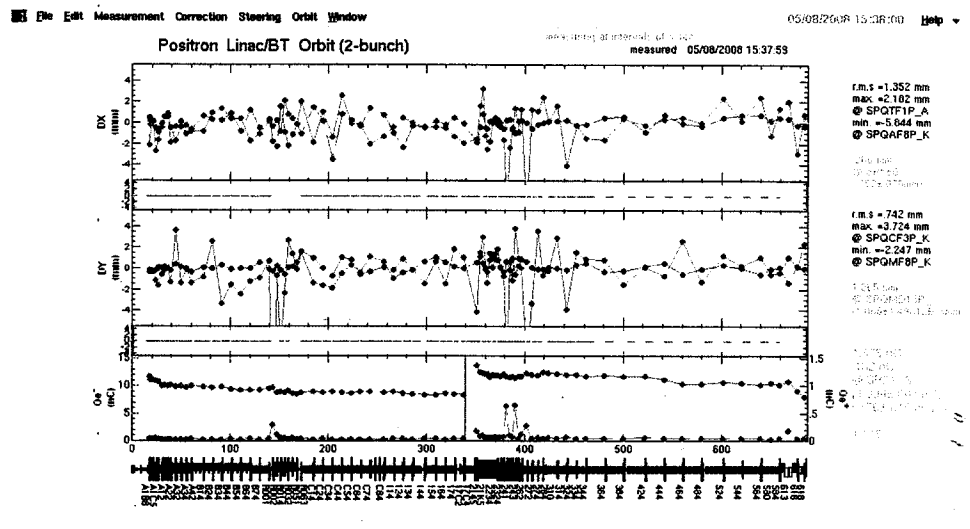


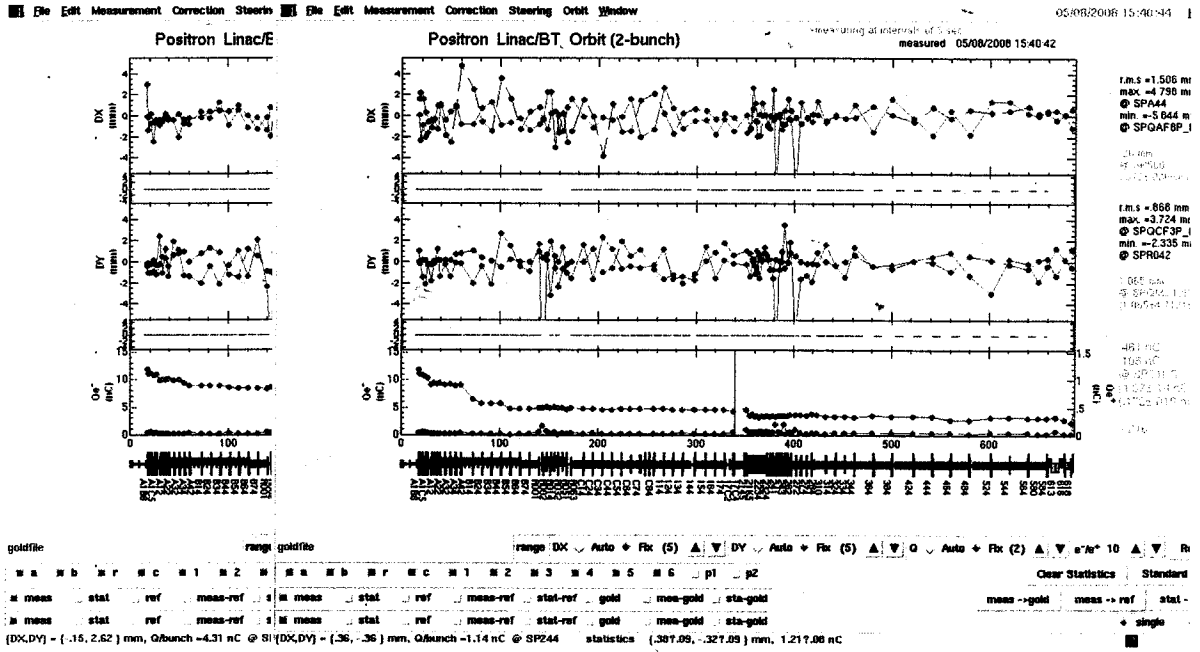
15:38 KEKB e+ e− のパラメータ.

↓

〃

& A.B.R.C.I のみ KEKB e⁻ 用 パラメータをロードする.





15:57 data 4682. all にセーブ

115

'08/5/14.　KEKB Studyの裏で
e+/e- 同時入射 Study

◎ parameterは. KEKBのまま[illegible]で. できること.
・e+ Opticsで. Target前 e- 1nCを通す.
・e- Opticsで. ~~[illegible]~~: Fudge Factor 測定のdataどり.

[なし] KEKB-Studyでは. ビームを落とすので.

'08/5/20
13:50〜
◎ ~~[illegible]~~ PF/KEKB 同時入射 Study　(紙谷. 大西. 飯田)

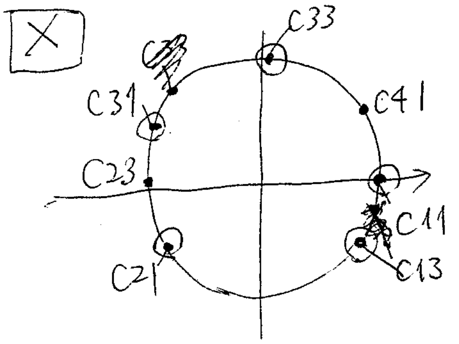
メニュー: 共通 Optics PFで. Qのfudge factor 測定
(1) Cセクターで 6カ所 × (H V)
(2) 4 〃 〃

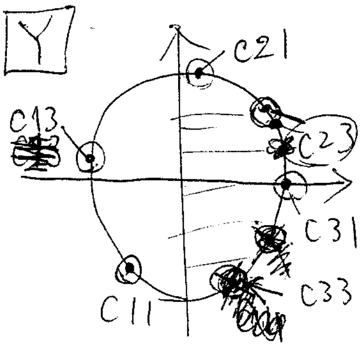
PF 運転パラメーターをset した後. QMは.
(Sabot のdata)
・5/1 16:59 のパラメーターを load する. (pfa1)
(steeringは. 地震後の値を使う.)

```
In[5]:= disp sy* sxc11 sxc41
  AX       BX       NX      EX      EPX    Element   Length   Value       s(m)      AY       BY       NY      EY      EPY     DetR    #
3.73272 22.7881  .02238  .00000  .00000   SYC11    .00000  .0000000  10.474676 3.94547 18.4445   .34459  .00000  .00000  .0000   57
 .85185 2.76645  .11843  .00000  .00000   SYC13    .00000  .0000000  14.988360 -.00316 1.16963   .55558  .00000  .00000  .0000   82
1.08000 10.0685  .40712  .00000  .00000   SYC21    .00000  .0000000  20.074676  .44290 6.27760   .78356  .00000  .00000  .0000  111
 .13125 4.93888  .51747  .00000  .00000   SYC23    .00000  .0000000  24.588360 -.39728 6.34798   .91010  .00000  .00000  .0000  136
1.12491 9.95609  .64790  .00000  .00000   SYC31    .00000  .0000000  29.674676  .55224 5.77162  1.01051  .00000  .00000  .0000  162
 .11794 4.62354  .76356  .00000  .00000   SYC33    .00000  .0000000  34.188360 -.44836 5.51171  1.15789  .00000  .00000  .0000  186
In[6]:= disp sx* sxc11 sxc41
  AX       BX       NX      EX      EPX    Element   Length   Value       s(m)      AY       BY       NY      EY      EPY     DetR    #
3.73272 22.7881  .02238  .00000  .00000   SXC11    .00000  .0000000  10.474676 3.94547 18.4445   .34459  .00000  .00000  .0000   56
 .85185 2.76645  .11843  .00000  .00000   SXC13    .00000  .0000000  14.988360 -.00316 1.16963   .55558  .00000  .00000  .0000   81
1.08000 10.0685  .40712  .00000  .00000   SXC21    .00000  .0000000  20.074676  .44290 6.27760   .78356  .00000  .00000  .0000  110
 .13125 4.93888  .51747  .00000  .00000   SXC23    .00000  .0000000  24.588360 -.39728 6.34798   .91010  .00000  .00000  .0000  135
1.12491 9.95609  .64790  .00000  .00000   SXC31    .00000  .0000000  29.674676  .55224 5.77162  1.01051  .00000  .00000  .0000  161
 .11794 4.62354  .76356  .00000  .00000   SXC33    .00000  .0000000  34.188360 -.44836 5.51171  1.15789  .00000  .00000  .0000  185
1.14257 10.0622  .89894  .00000  .00000   SXC41    .00000  .0000000  39.274676  .52146 5.76511  1.26406  .00000  .00000  .0000  211
In[7]:= |
```

(右欄外) 0.83 C11 / -0.34 C13 / -0.98 C21 / -0.53 C23 / -0.16 C3 / 0.84

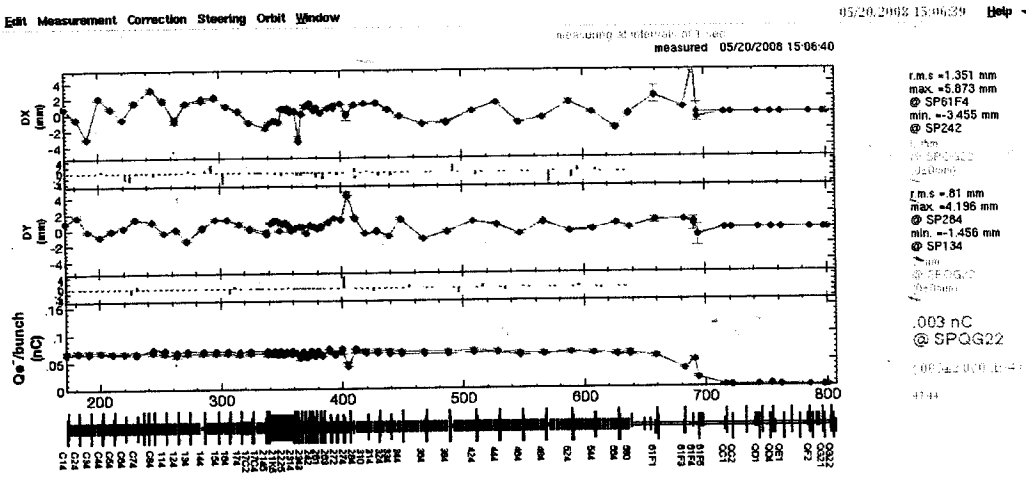
(左欄外) C11 — -0.14 / C13 — 0.68 / C21 — 0.55 / C23 — -0.11 / C31 — -0.80 / C33 — -1.0 / C41 — -0.59





SXC11	~~+2A~~	+2A
SYC11	~~-2A~~ -1A	+1A
SXC13	-4A	+4A
SYC13	-1A	+1A
SXC21	-2A	+2A
SYC21	-2A	+2A
SYC23	-2A	+2A
SXC31	-~~4~~3A	+3A
SYC31	-3A	+3A
SXC33	-3A	+3A

~~SXC11~~



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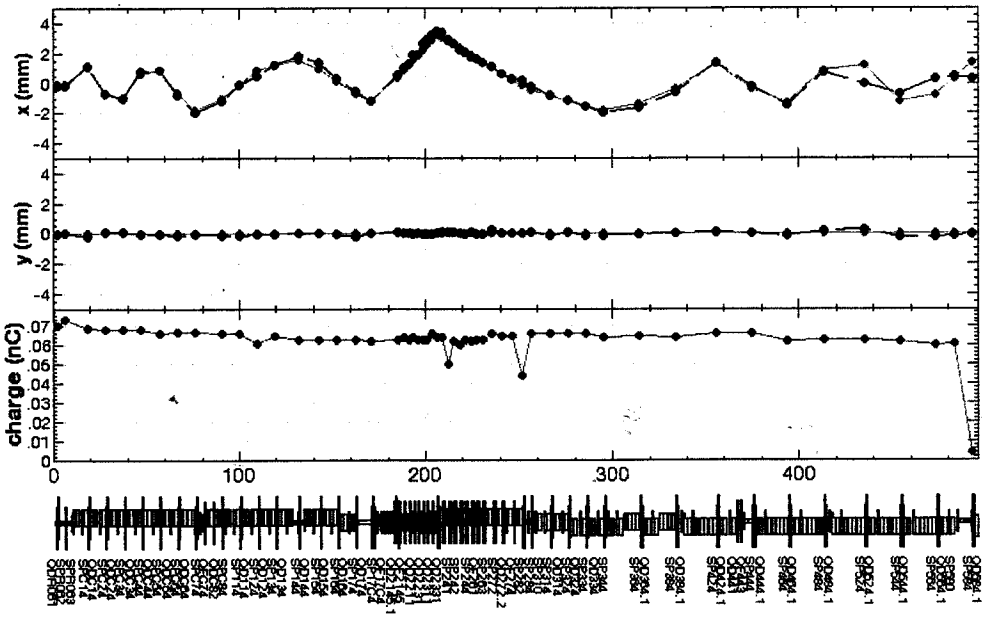
SXC11

File Edit Window 05/20/2008 15:12:26



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

Steering(X) SXC11
K0 -1.349E-4
Set
Steering(Y) SYC11
K0 7E-5
Set

Select Q
QDC24
QFC24
QDC34
QFC34
QDC44
QFC44

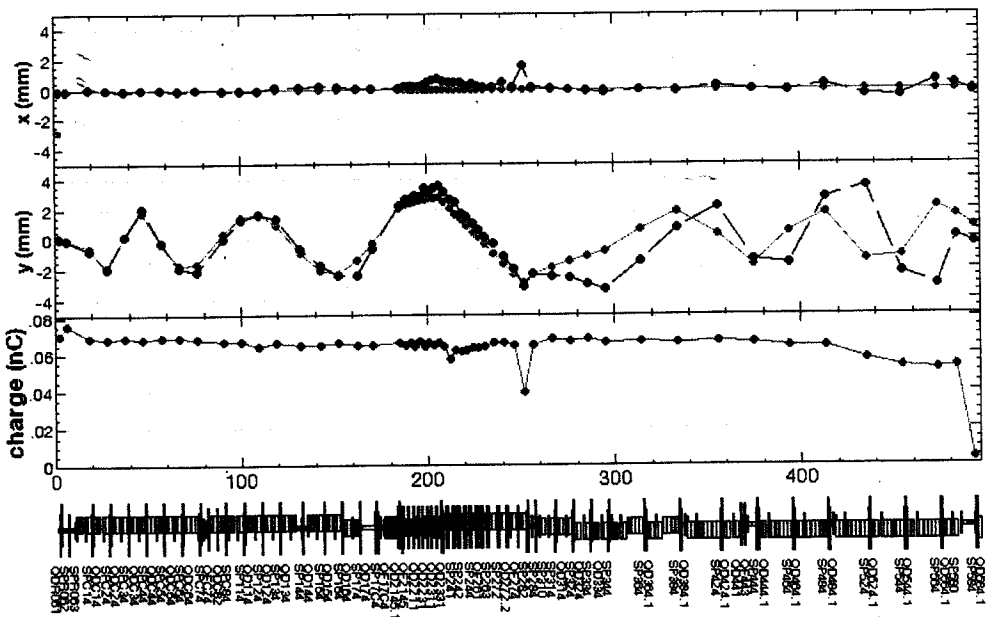
K1 0
AF 1
Set ref
Set

File sxc11_2.dat
Write SPDATA
average
x y xy
Read SPDATA
Plot

Add
EPS .1
Calc

SYC11

File Edit Window 05/20/2008 15:15:01



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

Steering(X) SXC11
K0 0
Set
Steering(Y) SYC11
K0 7E-5
Set

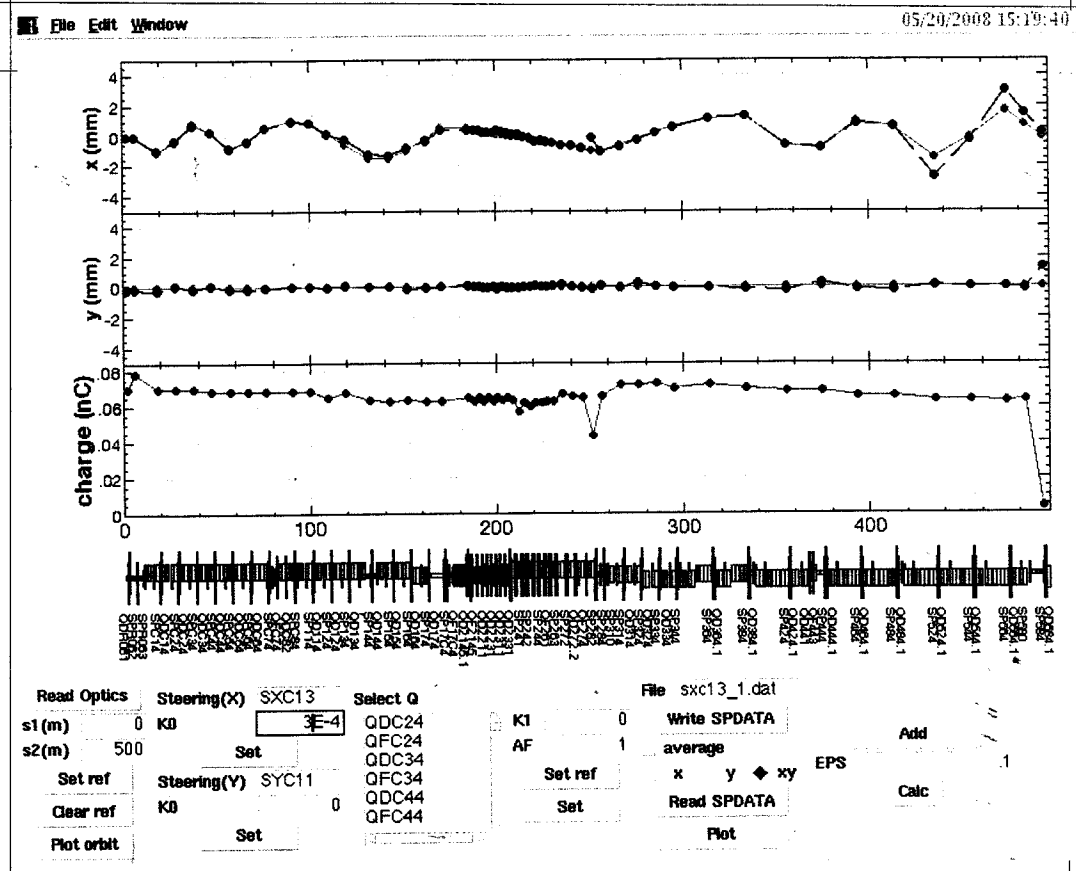
Select Q
QDC24
QFC24
QDC34
QFC34
QDC44
QFC44

K1 0
AF 1
Set ref
Set

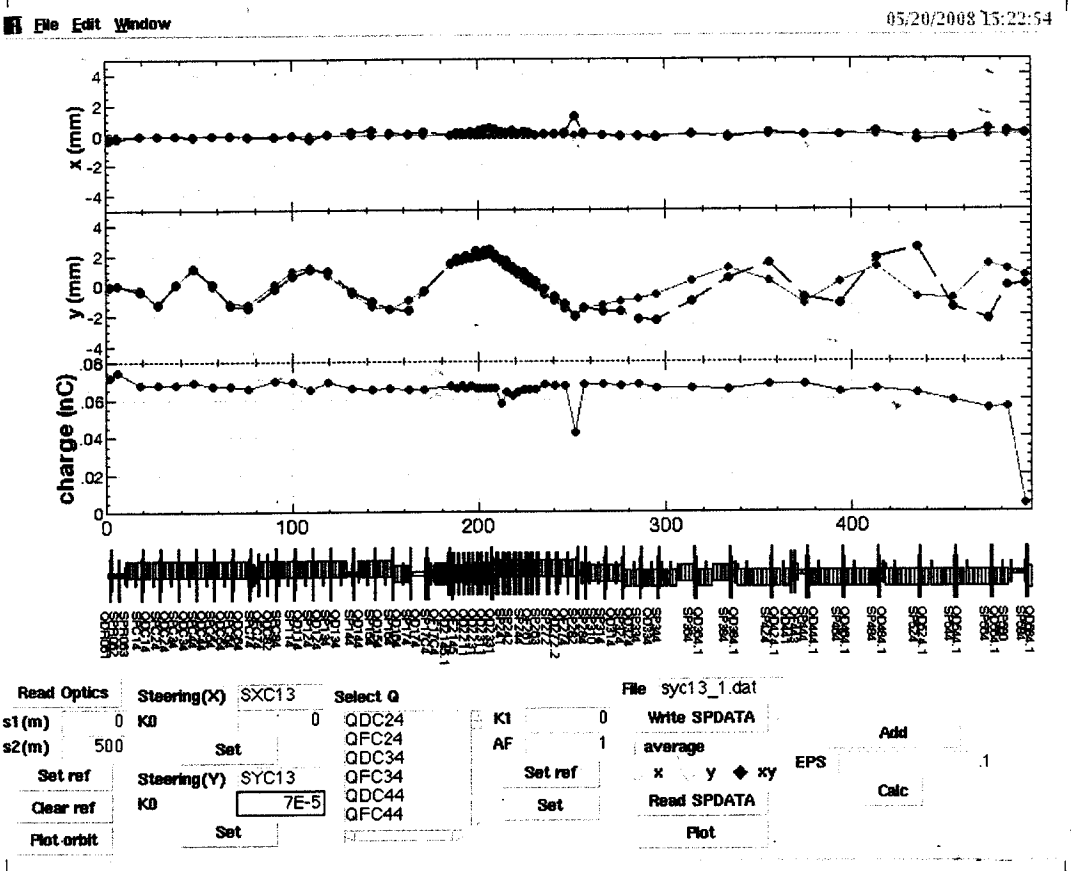
File syc11_1.dat
Write SPDATA
average
x y xy
Read SPDATA
Plot

Add
EPS .1
Calc

SXC13

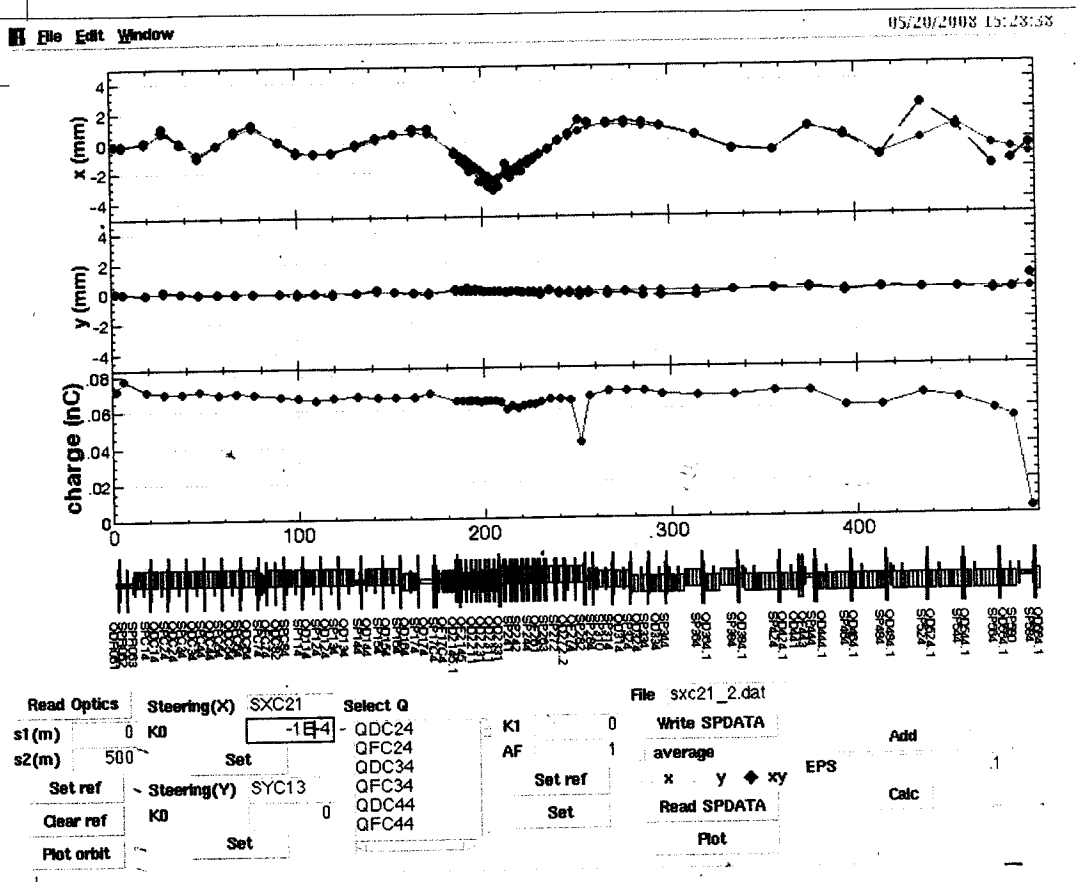

File Edit Window
05/20/2008 15:19:40
x (mm)
y (mm)
charge (nC)
Read Optics
s1(m) 0
s2(m) 500
Set ref
Clear ref
Plot orbit
Steering(X) SXC13
K0 3E-4
Set
Steering(Y) SYC11
K0 0
Set
Select Q
QDC24
QFC24
QDC34
QFC34
QDC44
QFC44
K1 0
AF 1
Set ref
Set
File sxc13_1.dat
Write SPDATA
average
x y xy
Read SPDATA
Plot
EPS
Add
.1
Calc

SYC13

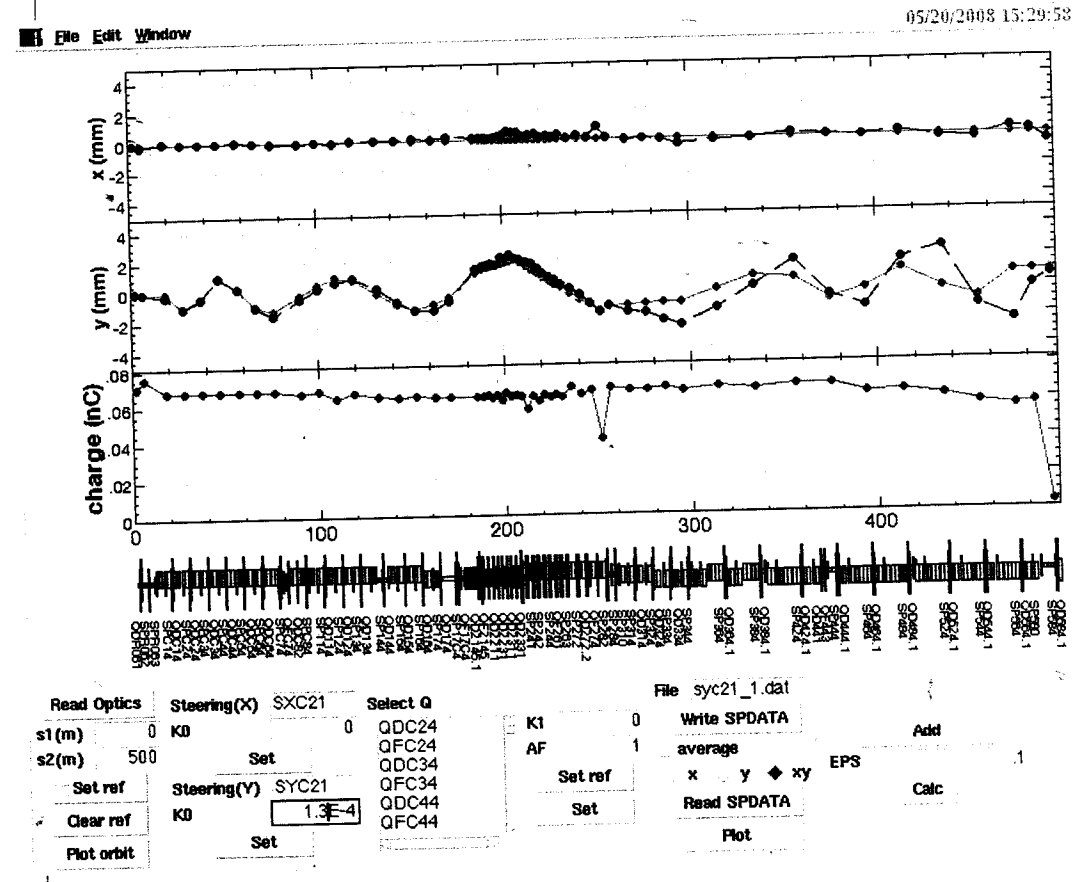

File Edit Window
05/20/2008 15:22:54
x (mm)
y (mm)
charge (nC)
Read Optics
s1(m) 0
s2(m) 500
Set ref
Clear ref
Plot orbit
Steering(X) SXC13
K0 0
Set
Steering(Y) SYC13
K0 7E-5
Set
Select Q
QDC24
QFC24
QDC34
QFC34
QDC44
QFC44
K1 0
AF 1
Set ref
Set
File syc13_1.dat
Write SPDATA
average
x y xy
Read SPDATA
Plot
EPS
Add
.1
Calc

119

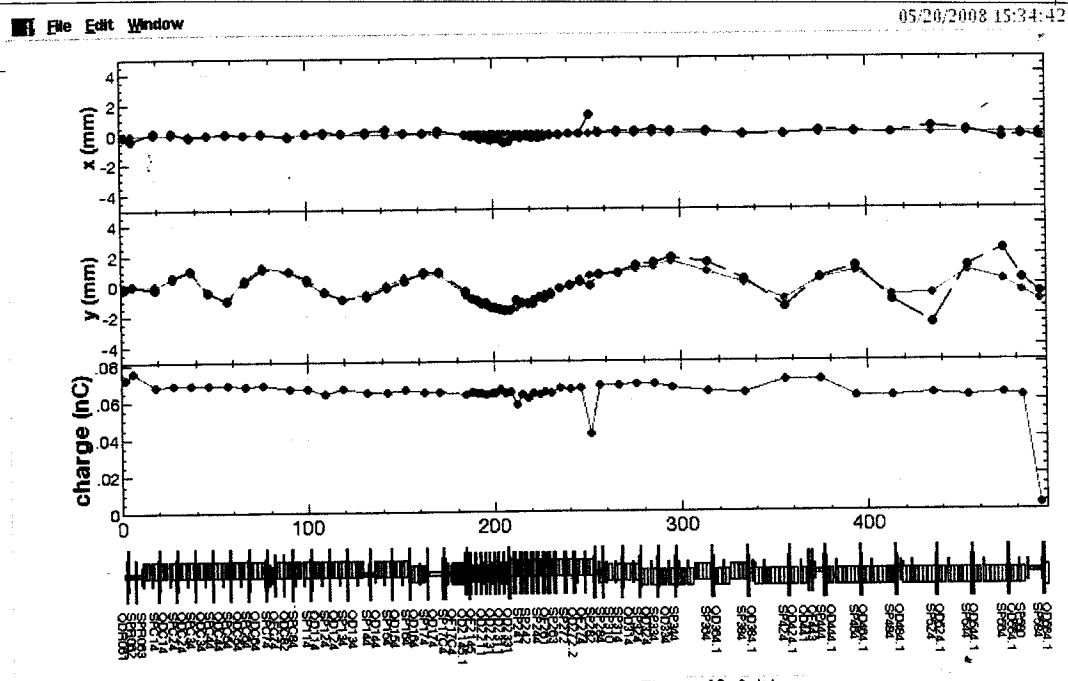
SXC21



SYC21



SYC23



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

Steering(X) SXC21
K0 0
Set
Steering(Y) SYC23
K0 -1.3E-4
Set

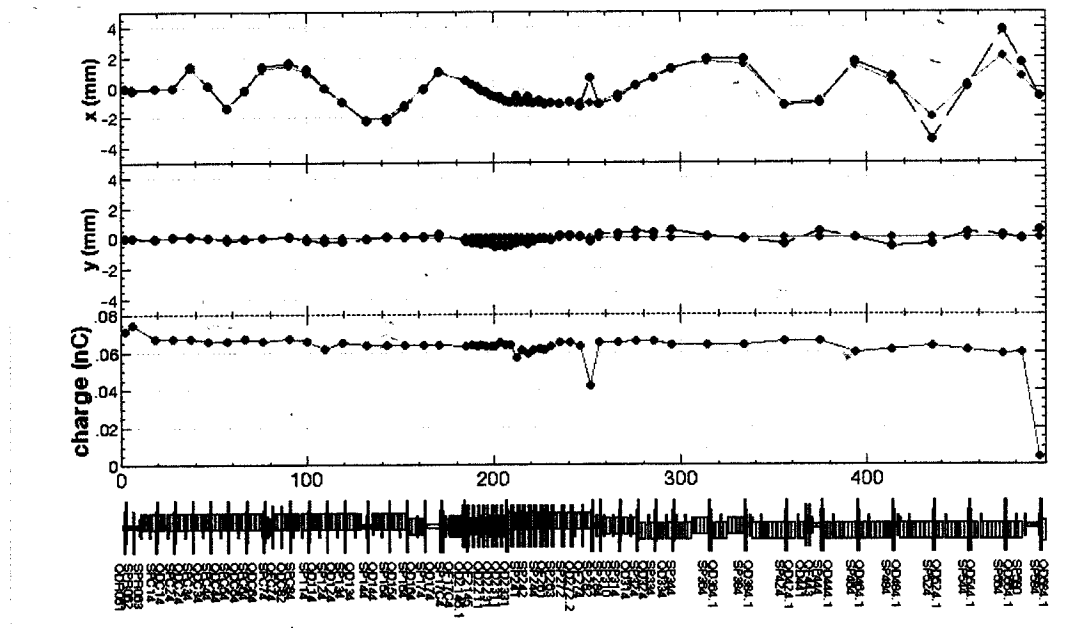
Select Q
QDC24
QFC24
QDC34
QFC34
QDC44
QFC44

K1 0
AF 1
Set ref
Set

File syc23_2.dat
Write SPDATA
average
x y xy
Read SPDATA
Plot

Add
EPS .1
Calc

SYC31



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

Steering(X) SXC31
K0 -1.7E-4
Set
Steering(Y) SYC31
K0 0
Set

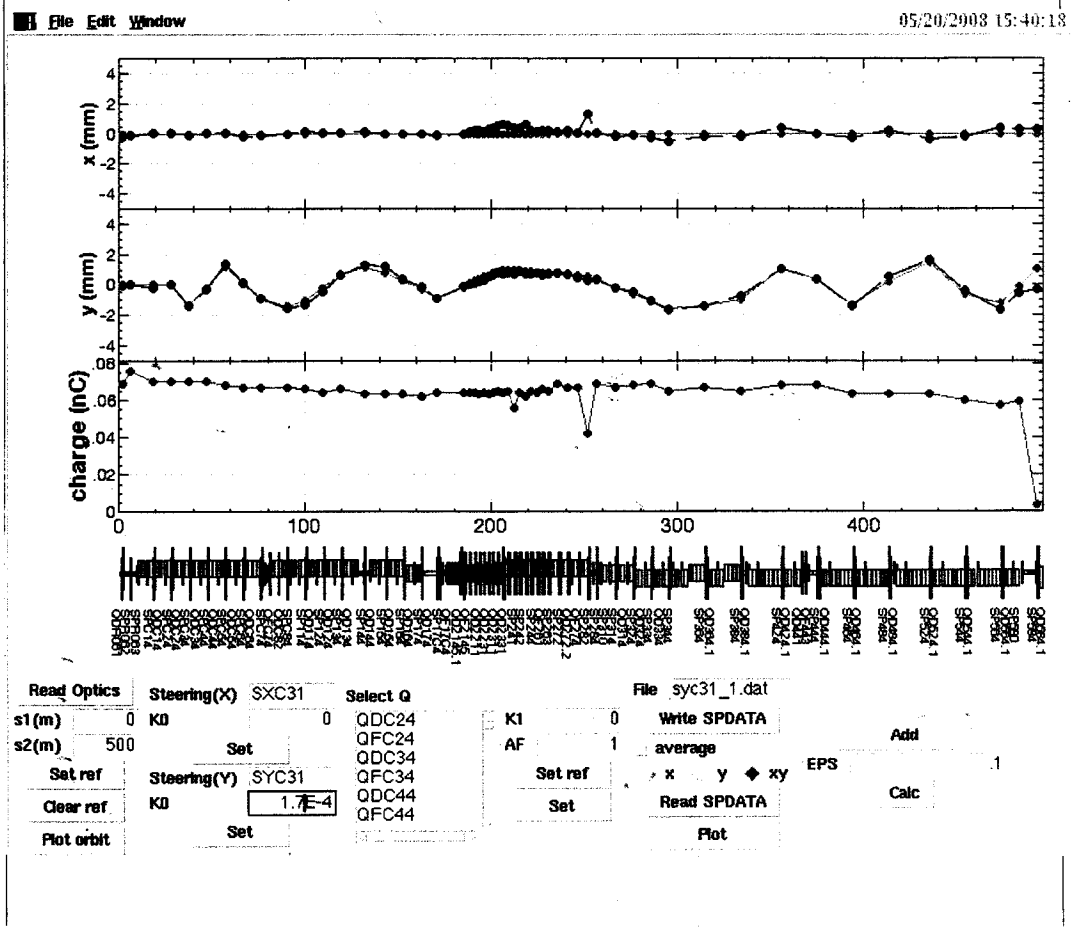
Select Q
QDC24
QFC24
QDC34
QFC34
QDC44
QFC44

K1 0
AF 1
Set ref
Set

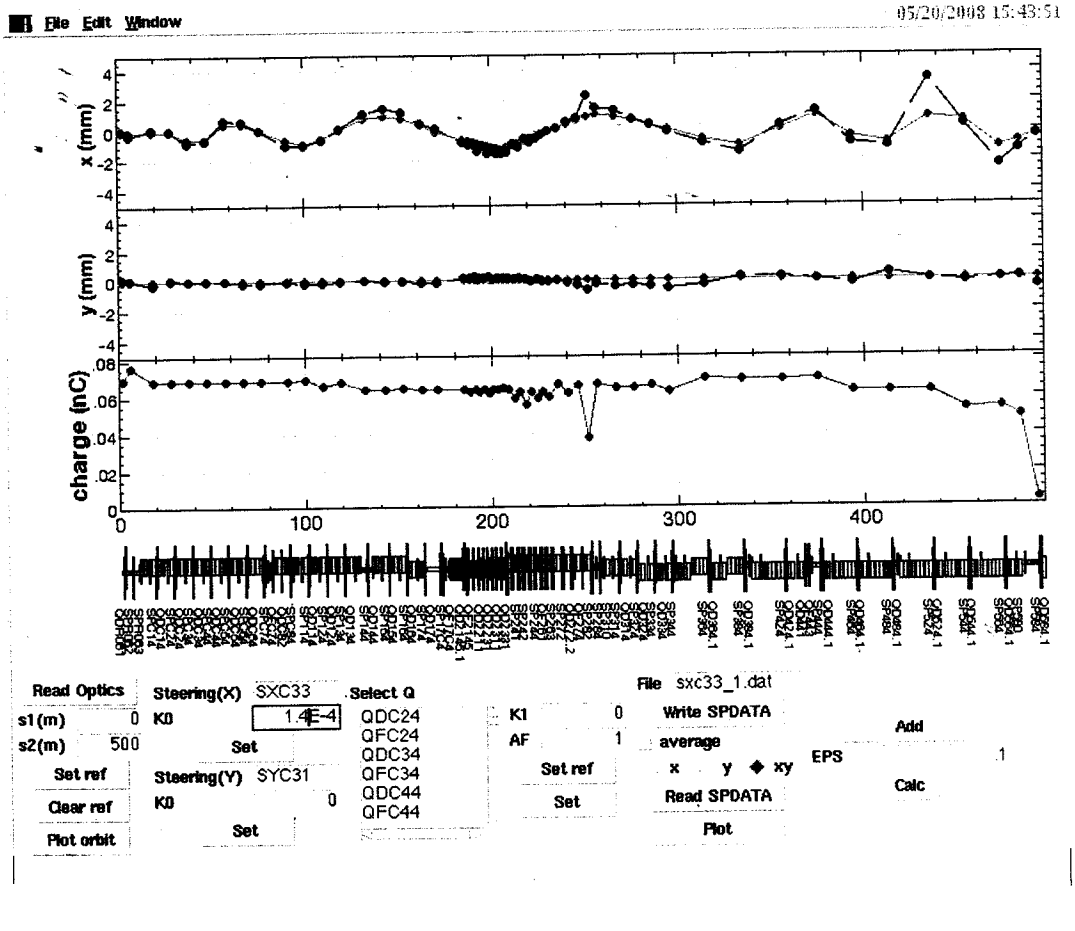
File sxc31_2.dat
Write SPDATA
average
x y xy
Read SPDATA
Plot

Add
EPS .1
Calc

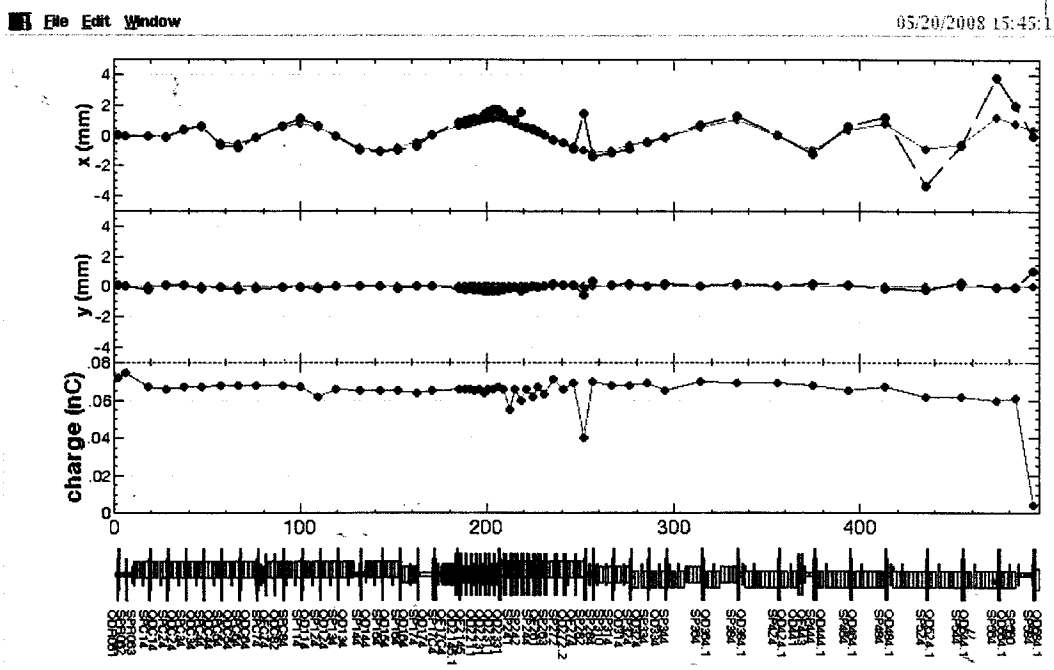
SYC31


File Edit Window
05/20/2008 15:40:18
x (mm)
y (mm)
charge (nC)
Read Optics
s1(m) 0
s2(m) 500
Set ref
Clear ref
Plot orbit
Steering(X) SXC31
K0 0
Set
Steering(Y) SYC31
K0 1.7E-4
Set
Select Q
QDC24
QFC24
QDC34
QFC34
QDC44
QFC44
K1 0
AF 1
Set ref
Set
File syc31_1.dat
Write SPDATA
average
x y xy
Read SPDATA
Plot
Add
EPS .1
Calc

SXC33


File Edit Window
05/20/2008 15:43:51
x (mm)
y (mm)
charge (nC)
Read Optics
s1(m) 0
s2(m) 500
Set ref
Clear ref
Plot orbit
Steering(X) SXC33
K0 1.4E-4
Set
Steering(Y) SYC31
K0 0
Set
Select Q
QDC24
QFC24
QDC34
QFC34
QDC44
QFC44
K1 0
AF 1
Set ref
Set
File sxc33_1.dat
Write SPDATA
average
x y xy
Read SPDATA
Plot
Add
EPS .1
Calc

SXC33



位置(6):

X方向

Y方向