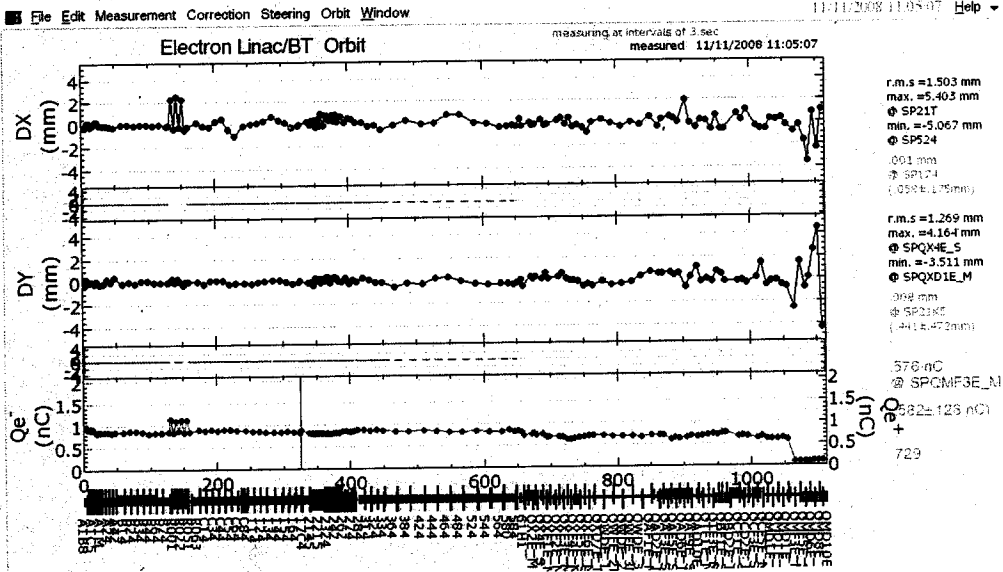


Pulse Steering DC → Pulse Mode \wedge .

11:06

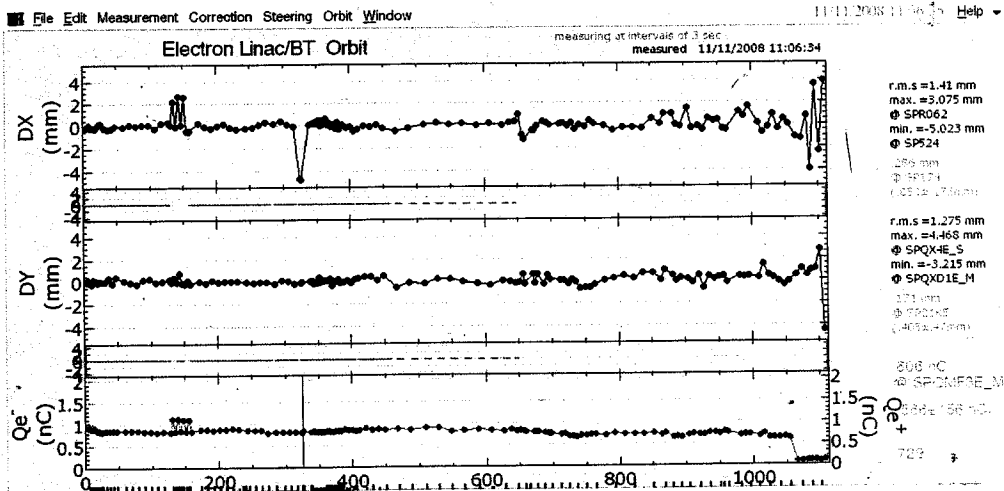
Target \neq \leftarrow .

De Mode \bar{z}
Bump \neq On

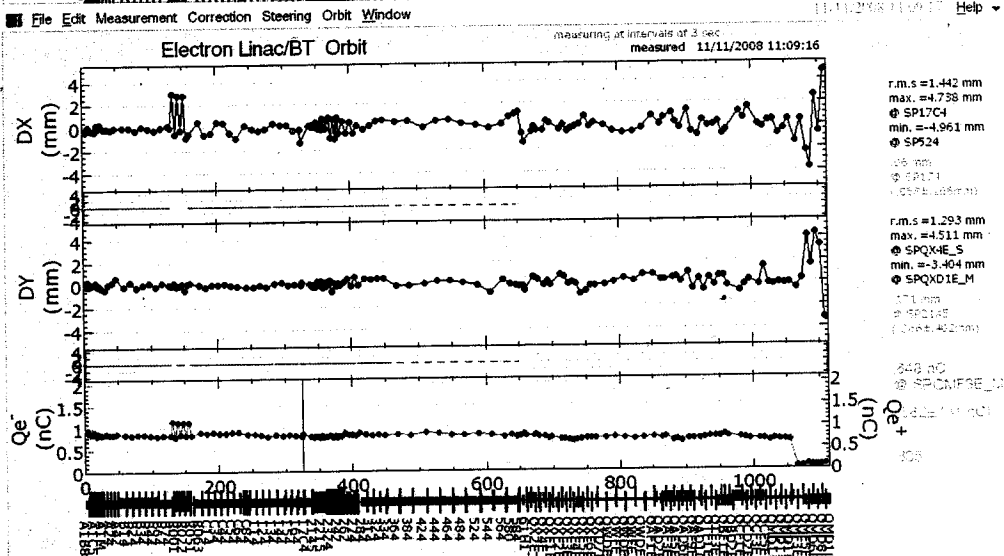


18/7° \neq F473

Bump off



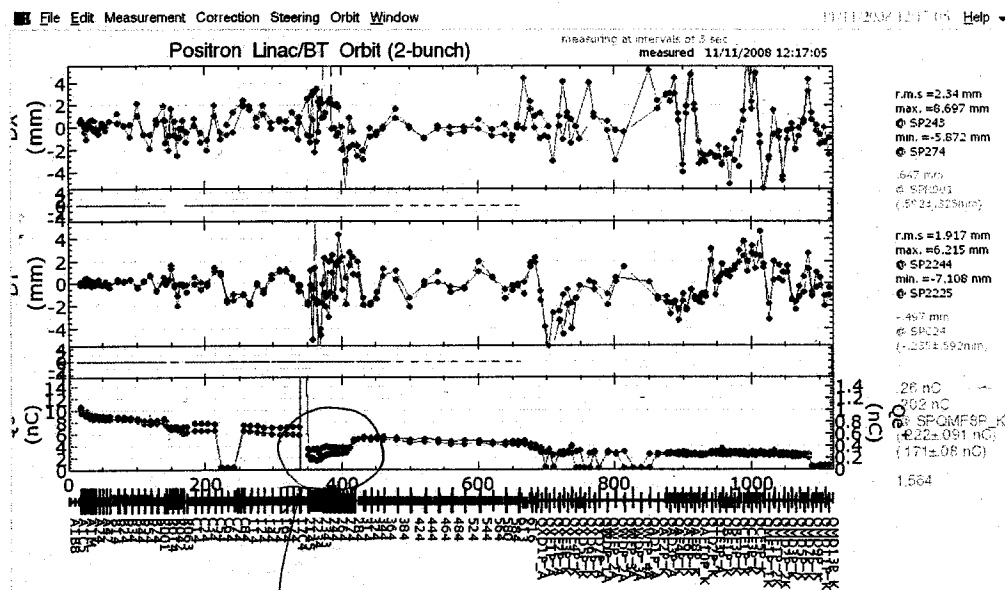
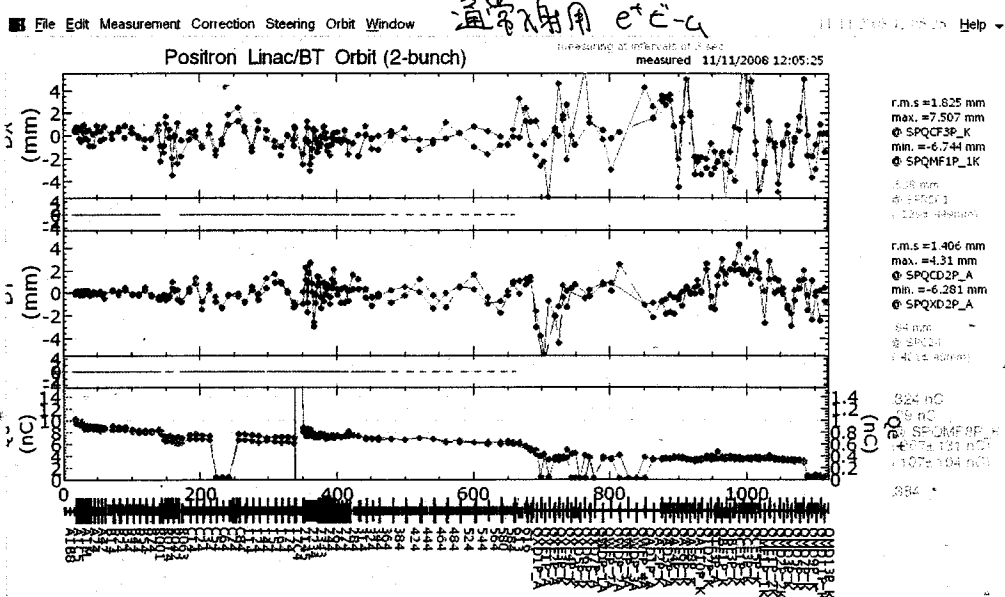
Pulse Mode \bar{z}
~~Fast~~
Bump On



New Dukka Steering
Test 1 \neq OK.

HER Beam Abort (Erab) (KBL/Linac/Linac Magnet)

et 2008/11/5 16:22 Study 後の 1-5x-4x load (大西 バネル)



夕-4の1孔を通過した primary e⁻ 束. e⁺ の BPM signal を cancel している. (小川 説)

BX1741 0.219 A

	Steering	Monitor
Target 前の軌道FB	SX16-3	SP-17_4
	BX17-41	SP-17_C4

Simple Correlation

133

et

Q

12:35:30

SA

12:35:42

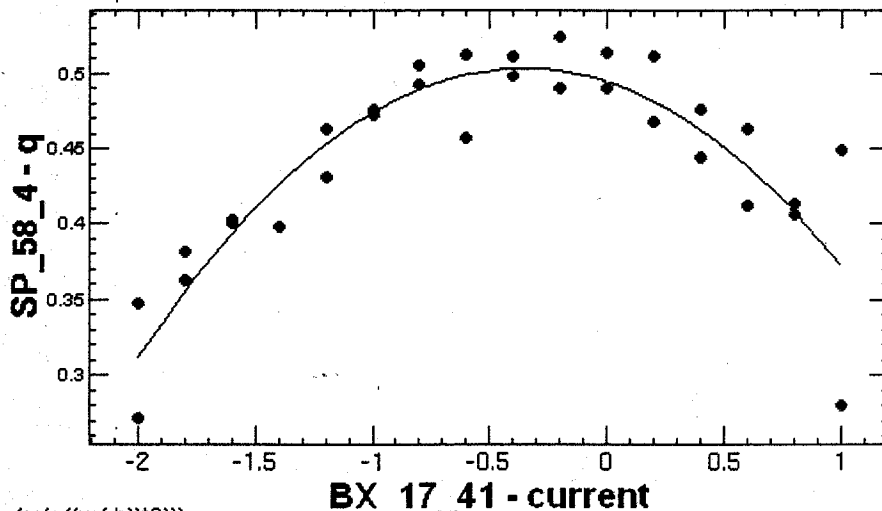
に save

ChiSquare = .02660 Goodness = .46507

a = -.07112 +/- .00708

b = -.35838 +/- .04320

c = .50328 +/- .00799



KEKB 入射

再測定

BX -17.41E

-0.49223

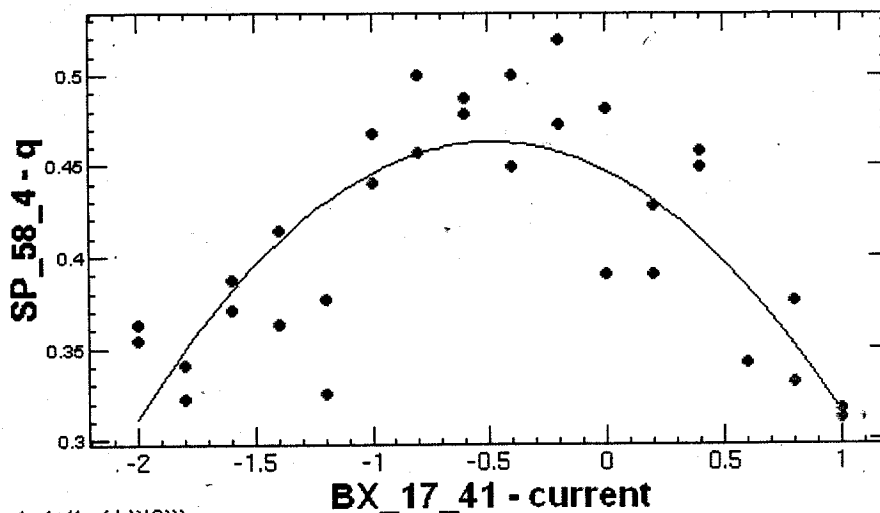
に set

ChiSquare = .04455 Goodness = .46507

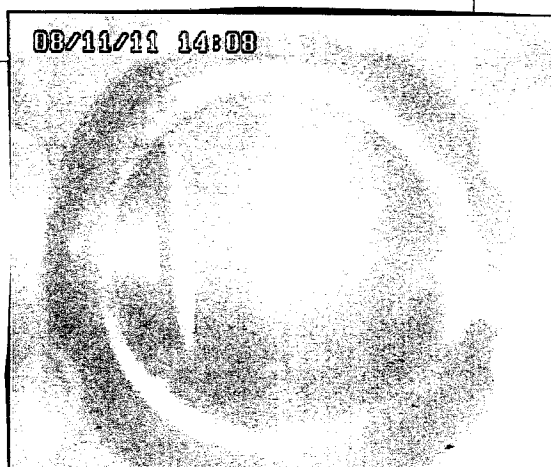
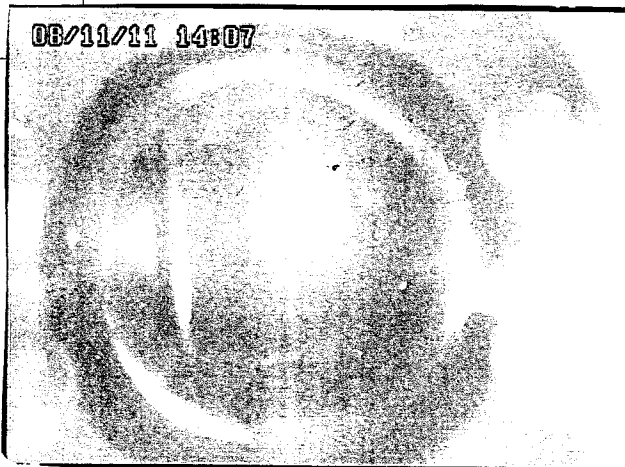
a = -.06652 +/- .00917

b = -.49223 +/- .05650

c = .46308 +/- .01043



e+



横長の17. HER/PT 共通 Opt. c.s.で
Qをしまり~~と~~と. Target 後のQが遠いので
betaが. 大きくおとてしまふため. しまり方がえら
ゆるい design

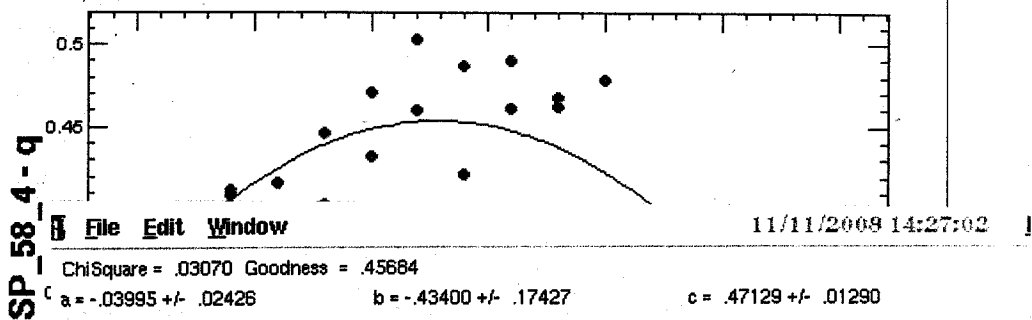
→ この問題は. design を 後日
検討しおろすこと可3.

File Edit Window 11/11/2009 14:15:20 t
ChiSquare = .03286 Goodness = .46507
a = -.06064 +/- .00767 b = -.71183 +/- .05990 c = .45389 +/- .00880

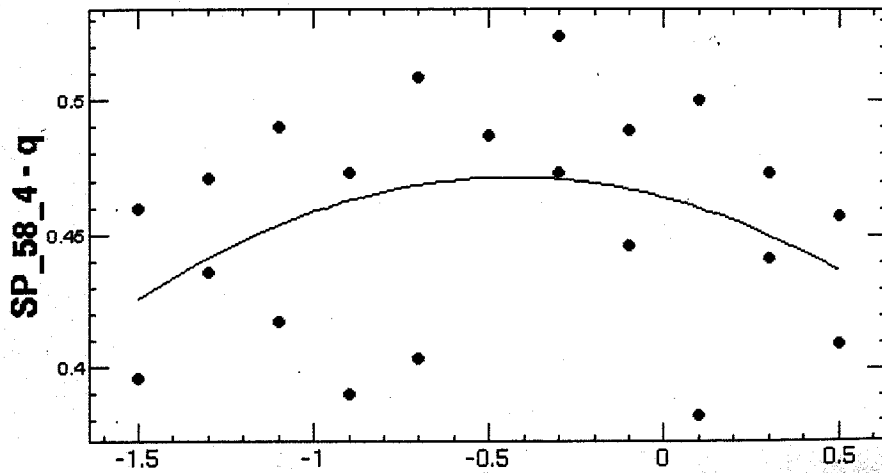
BY-17C1E

1.413

→ 1.013.



Function = (c+(



Function = (c+(a((x+(-b))^2)))

BY-17-C5

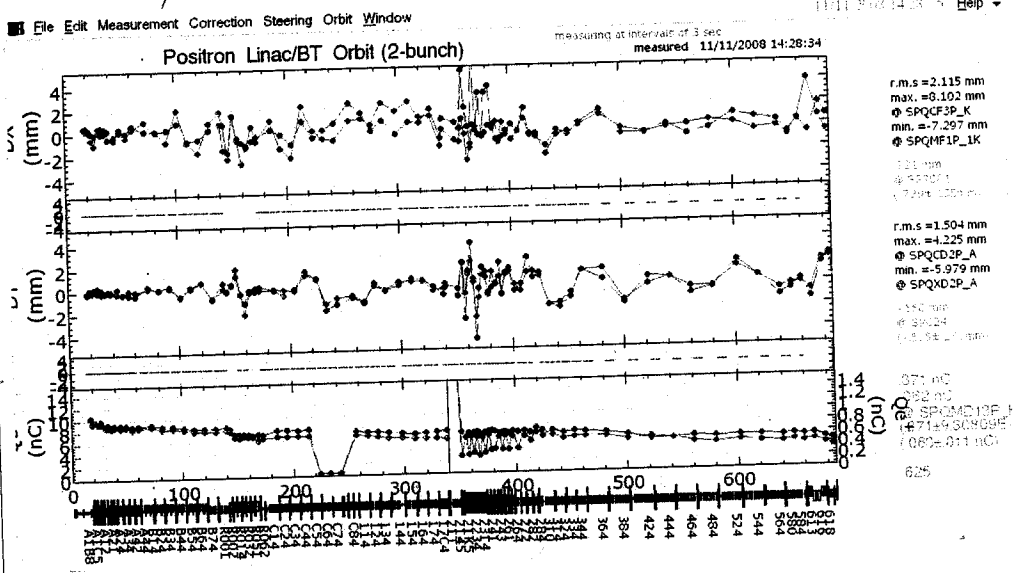
元値

X

SP-17-7 +2.0 mm ± 0.3
 17-C4 -0.6 mm ± 0.1

Target 前軌道 T.B を動かす時は、上の値を使用すること。

e+



e⁻ beam

PX_M_C1	6.5	→	6.5
C5	4.612	→	6.2
21-45	4.9	→	4.5
PY_ "	0.47	→	0.5

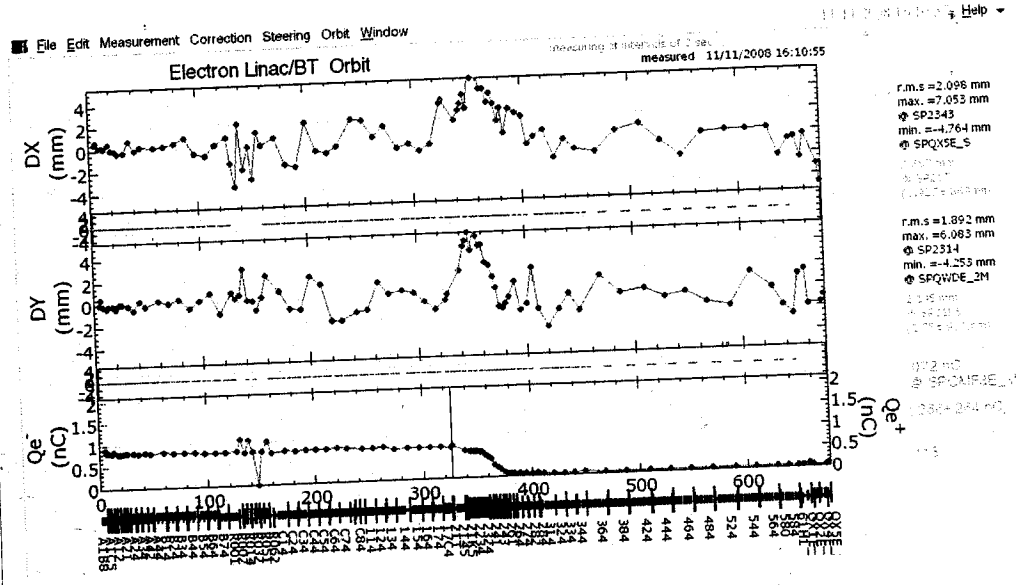
15:00" (= save)

16:11

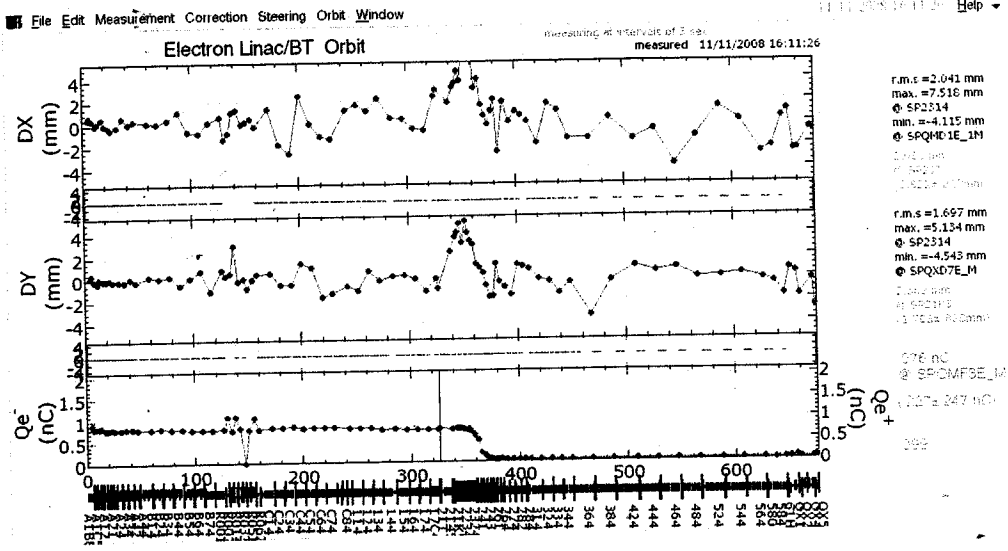
KEKB 入射
 Study 再開.

e⁻

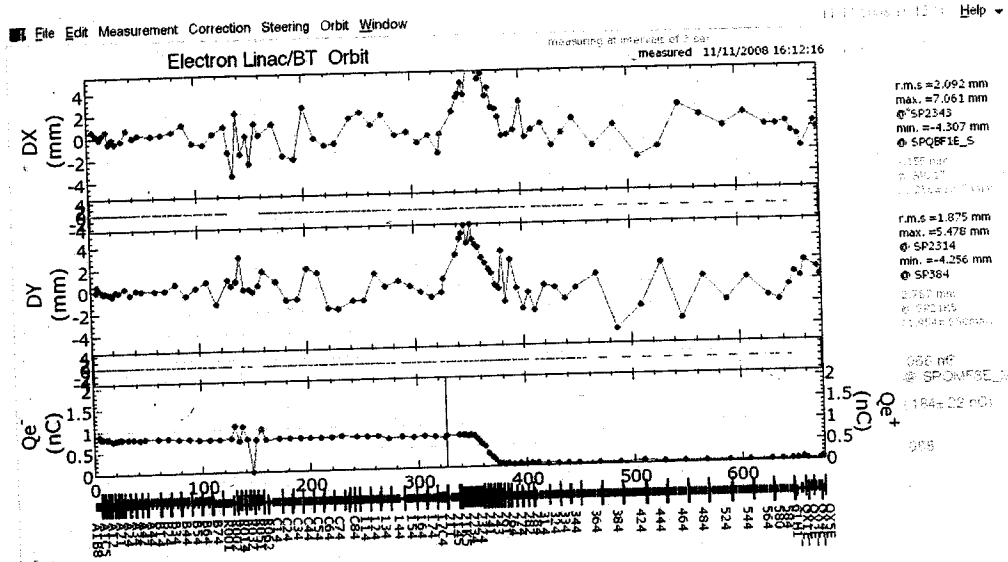
Target In



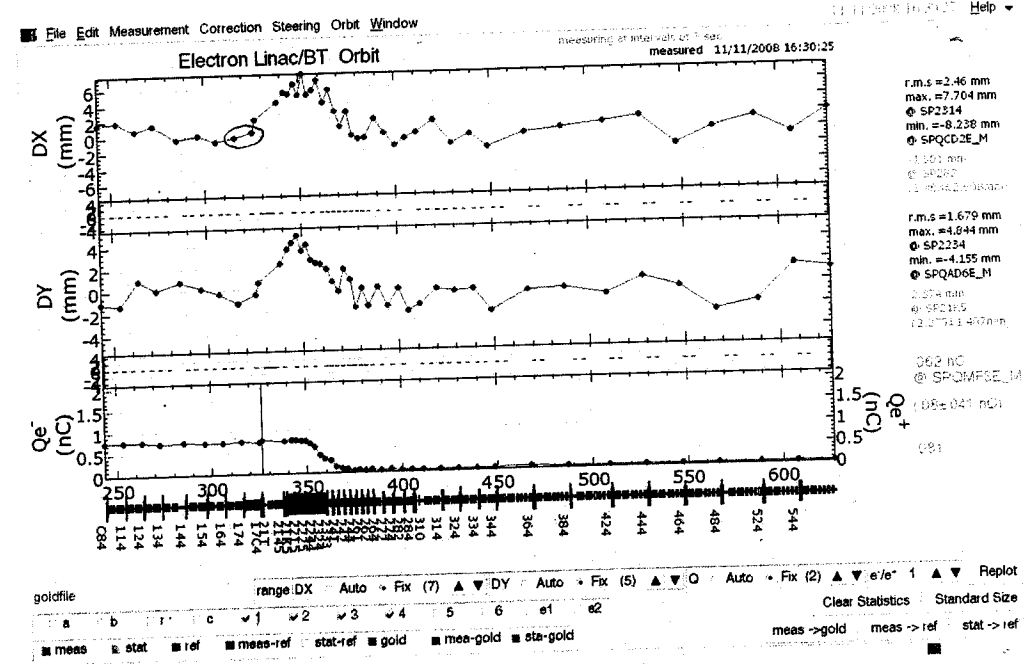
e+
Target
Out



Bump Off



(1) PX-17-C4
3[A]
(2) PX-17-C5
0[A]

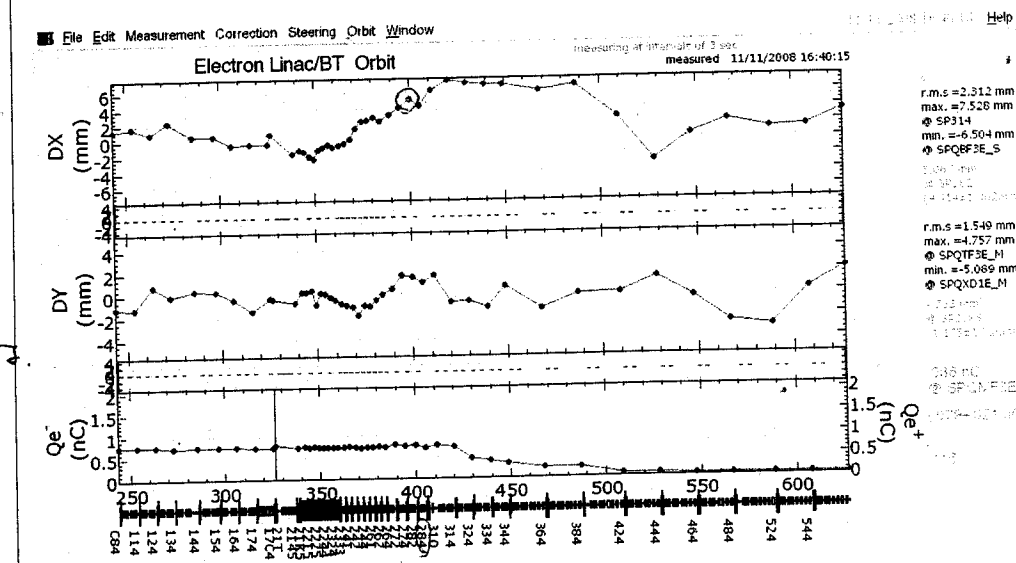
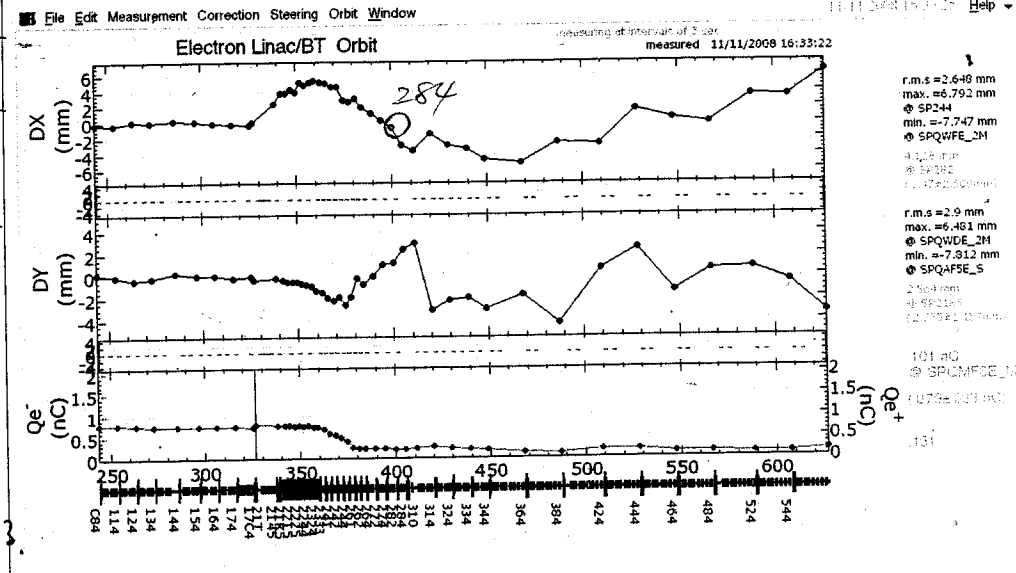
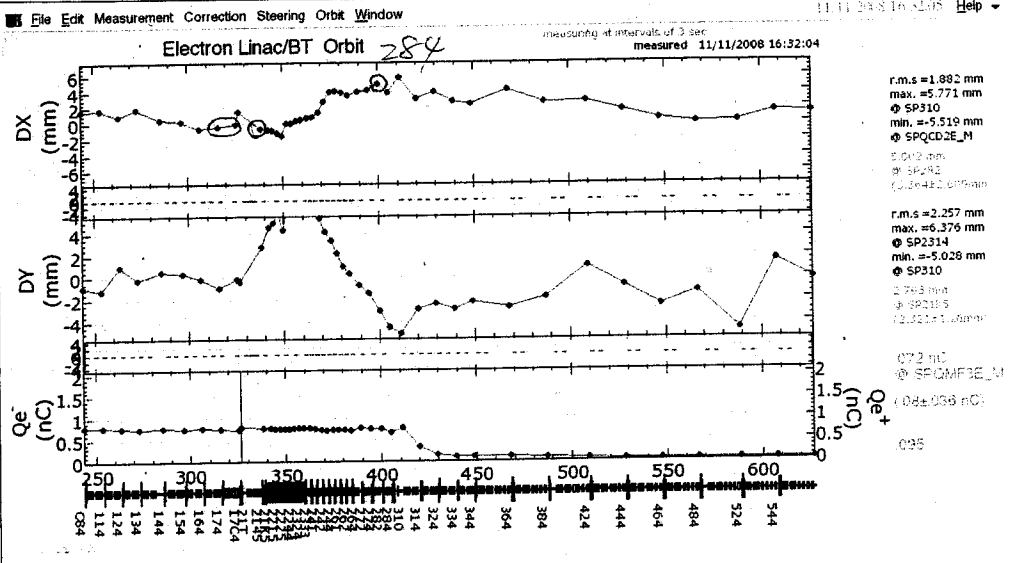


- (1) PX-17-C1
3A
- (2) PX-17-C5
4A

memo → ref

- (1) PX-17-C1
3A
- (2) PX-17-C5
4A
- (3) PX-21-45

PX-21-45,
PX-17-C5
共1 =
284 217.
節 = 18 → 20



BY-17C5
-0.434
→ -1.031

P.1349
e+ plot?
-1.031 2E
あまり収量は
影響 LFS 不明
OK

- BY-21-K5
0 → 5.0
- BY-2231
0 → 3.0
- PY-21-45 17

PY-21-45, PX-284, PY-28-4 Bipolaris 3 = 2! → 木黄山さん

~~BY-21-K5~~
~~0 → 5.0~~

BY
 SX-27-3 -3.999
 BX-31-1 -5.0

バックに23.
 Bump 電流値

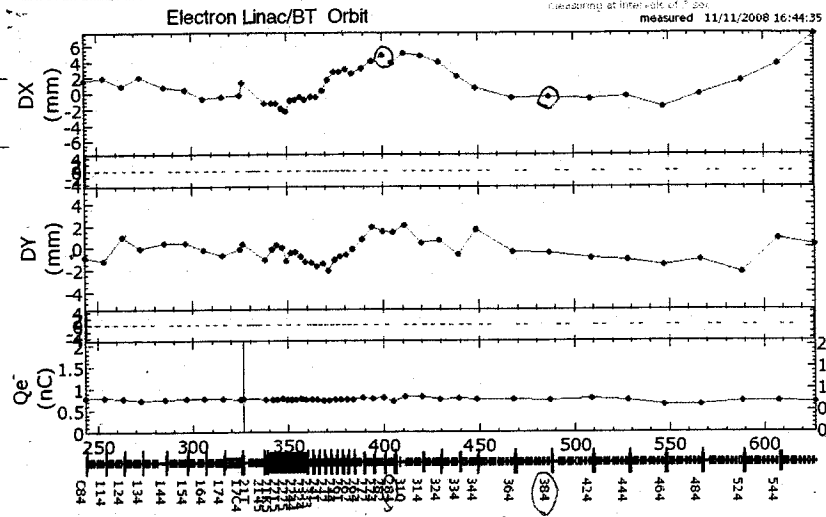
3 + 6.5 = 9.5 A
 4 + 4.672 ⇒ 7.8
 4.9 → 3.9
 0.47 → 0

OK

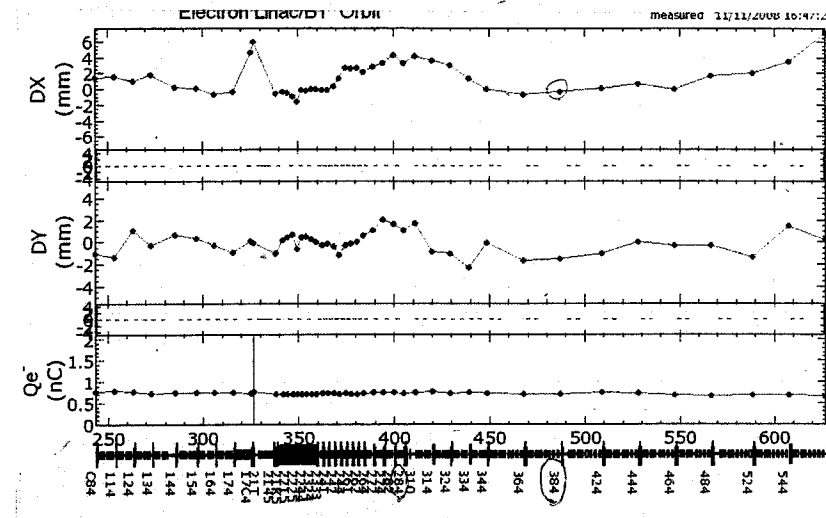
"16:51" = save

SX-28-3
 -3.999
 BX-31-1
 -3.999

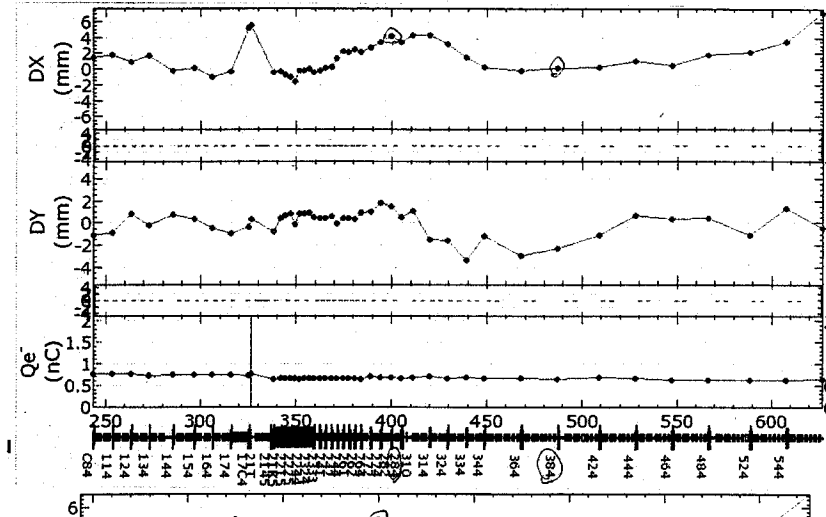
Target Im.



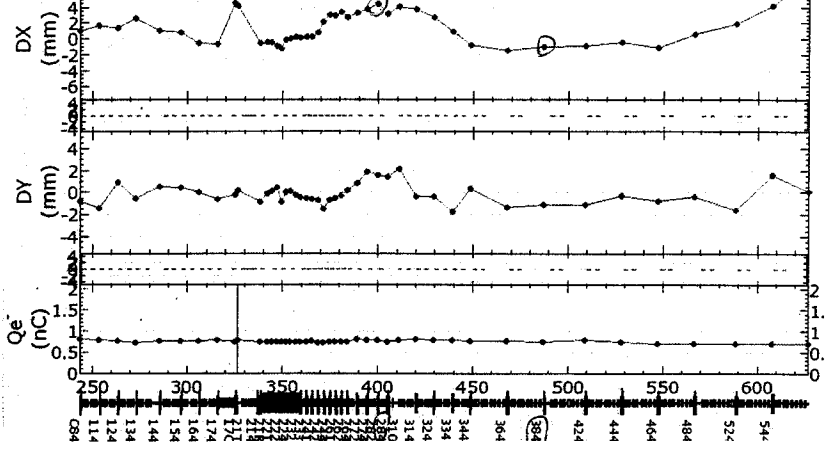
r.m.s.=2.164
 max.=7.637
 @ SP564
 min.=-6.342
 @ SPQXD4E
 0.231 mm
 @ SPQXD4E
 0.277 mm
 @ SPQXD4E



r.m.s.=2.2
 max.=7.0
 @ SP564
 min.=-7.4
 @ SPQXD4E
 0.231 mm
 @ SPQXD4E
 0.277 mm
 @ SPQXD4E



r.m.s.=2.3
 max.=7.2
 @ SP564
 min.=-7.4
 @ SPQXF3
 0.231 mm
 @ SPQXD4E
 0.277 mm
 @ SPQXD4E



r.m.s.=2.256
 max.=7.809
 @ SP564
 min.=-6.679
 @ SPQXFAE_I
 0.231 mm
 @ SPQXD4E
 0.277 mm
 @ SPQXD4E

139

e^-

KFB入射後
16:49

SX-31-1

-3.999

→ -3.000

PY-21-45

0 → 0.47

BX-484

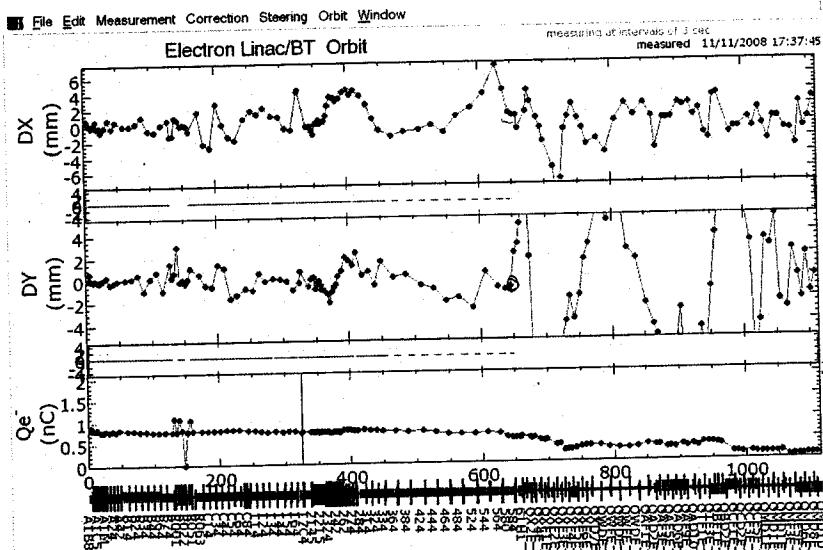
-0.150

→ 元値

BY-38-4

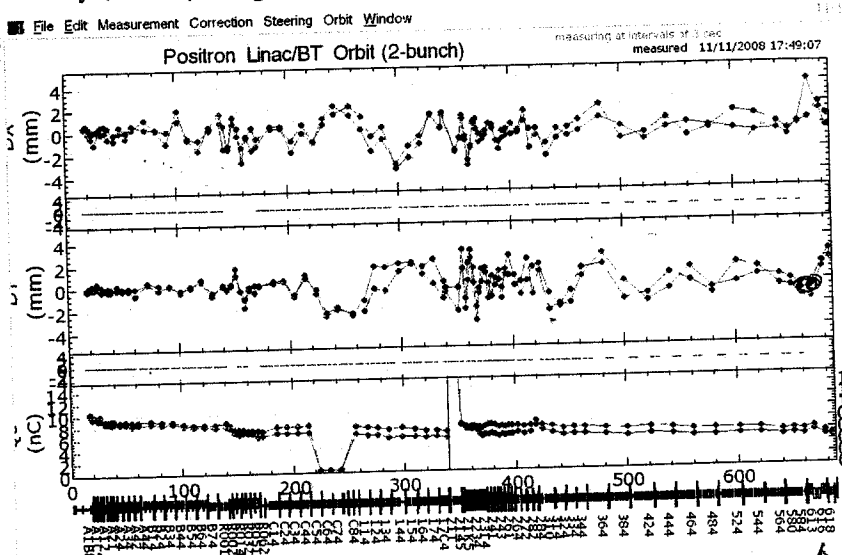
-0.250

→ 元値



↑ 584 2. V. 2 上 12 17 5 2 2 13.

"17:39" Save



↑ ECSのPL 2. 上に
17 5 2 2 13. 下流は?

e^+ beam

"15:00" 2
load

BY-17-C5

-0.434

→ -1.031

"17:55"

↑ Save

e^+ 用

Pulse
steering 同様
大丈夫

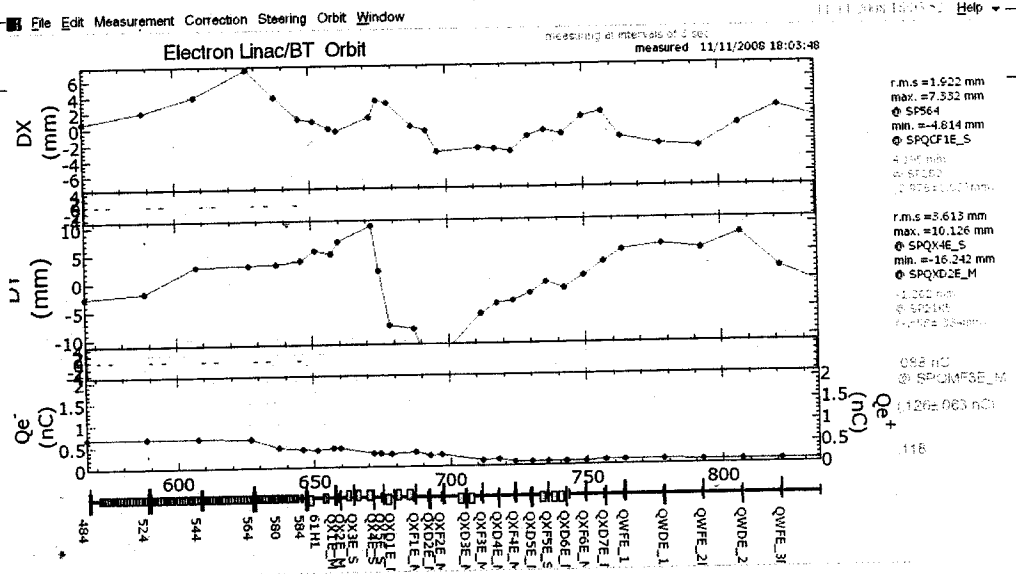
あとは.

① BTの軌道

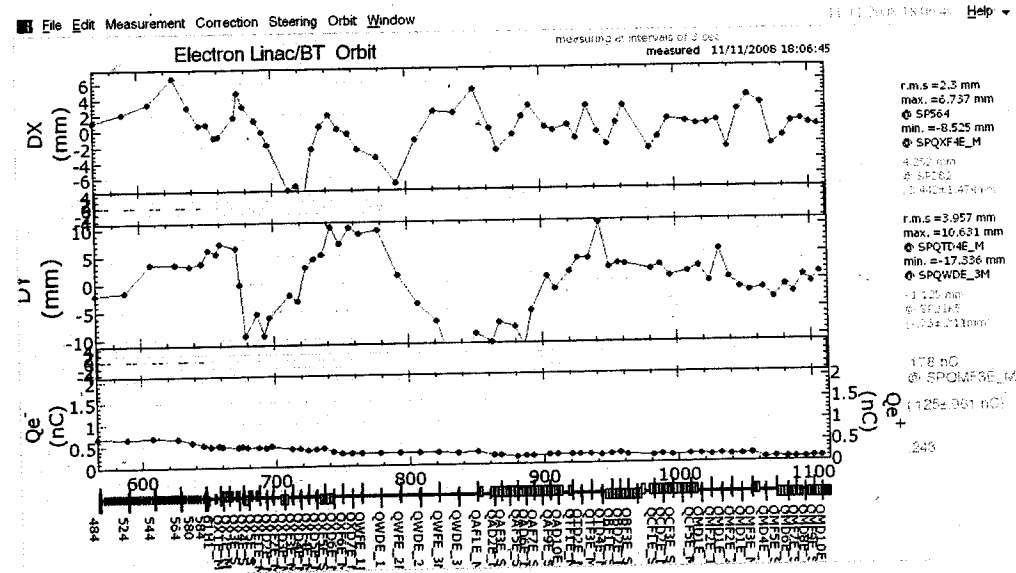
② " Matching.

で、通りをよくする。

BX-48-4
 -0.399
 → -0.1



VX01
 0.467
 → 0.167
 BTZ
 38312
 783



"18:12" save