11/18　QM584 Quad BPM　菊池、飯田

17:26　QD584 6.344 から +5A 増やしていく
Targetを入れる

17:27　6.344.　SP584(Y)=0.mm　(X)=
17:28　11.344
17:29:45　1→5Hz へ.
17:30　16.344

~~17:38~~　6.344
17:59　11.344
18:02
18:03:55　16.344
18:03:52　21:344
18:05:00　26:344
SY531 −1.19 →−2.19　SP584(Y)=−1.8mm
18:10
6.344
18:11　11.344
18:12:07　16.344
18:13:06　71.344　少しロスあり
18:14:36　1.344
SY531→0　SP584(Y)=1.5mm
18:16:00　6.344
18:17:03　11.344
18:18:00　16:344
18:19:00　21:344　ロスあり
18:20:00　1.344

○ SP584(Y) = 1.5 mm

QT584

7.048 元位

→17.048

18:23

13.048

18:23:42

10.048

18:24:45

7.048

18:25:48

4.048 → KEKB入射.

18:26:45

○ SY531 → -1.19 SP584(Y) = 0 mm

7.048 元

18:44:00

22.048

18:46:30

17.048

18:47:55

12.048

18:49:05

~~7.0~~ 2.048

18:50:10

18:51:20

○ SY531 → -2.19 SP584(Y) = ~~-1.8~~ -1.5 mm

7.048

18:52:00

16.048

18:53:~~29~~ 50

13.048

18:54:53

10.048

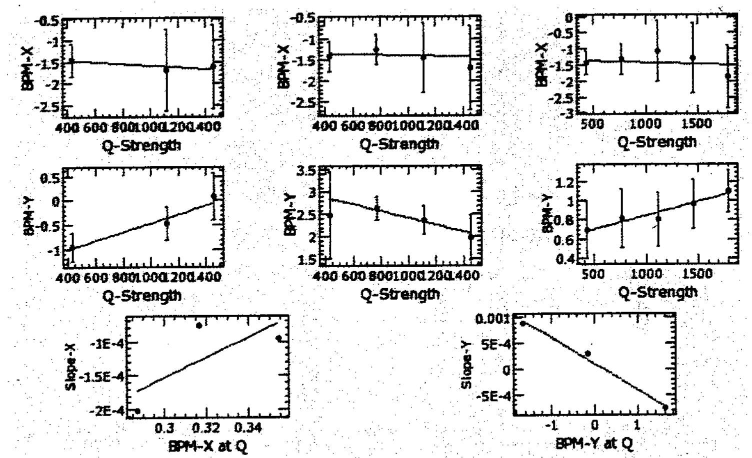
18:55:53

3.048

18:56:46

7.048

18:57:46

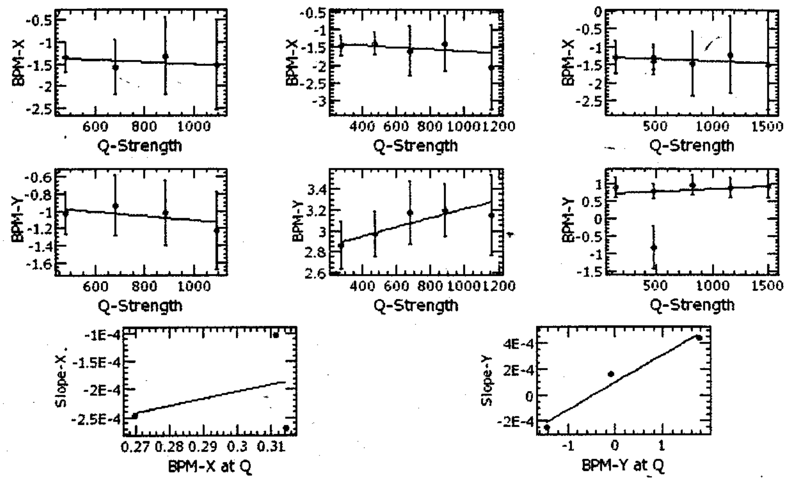


QD_58-4

Results for ~~QD_61_6:~~DAC:

Displacement X: (mm)	.403 +/-	.081
Displacement Y: (mm)	.204 +/-	.138

Used records:
Target Q: LI/LinacMG/LI3MG:QD_61_6:DAC
Target BPM X: LI/LinacBM/LIBM:SP_61_6_1:XSNGL
Target BPM Y: LI/LinacBM/LIBM:SP_61_6_1:YSNGL
Observer BPM X: BT/BTBPM/BTpBPM:QXF4P_K_1:XPOS
Observer BPM Y: BT/BTBPM/BTpBPM:QXD4P_A_1:YPOS



QF_58-4

Results for ~~QD_61_6:~~DAC:

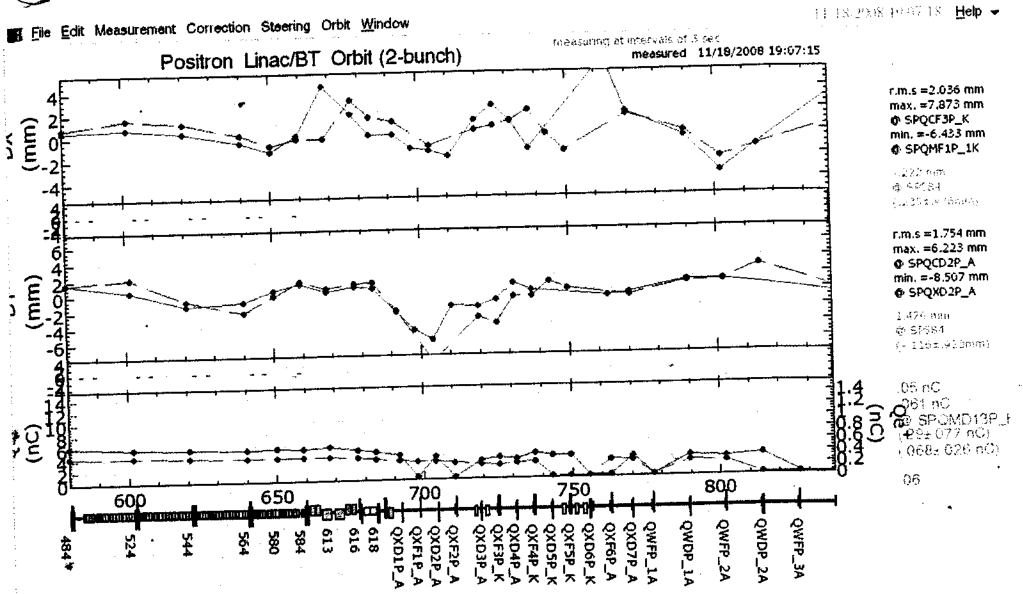
Displacement X: (mm)	.469 +/-	.488
Displacement Y: (mm)	-.462 +/-	.281

Used records:
Target Q: LI/LinacMG/LI3MG:QD_61_6:DAC
Target BPM X: LI/LinacBM/LIBM:SP_61_6_1:XSNGL
Target BPM Y: LI/LinacBM/LIBM:SP_61_6_1:YSNGL
Observer BPM X: BT/BTBPM/BTpBPM:QXF4P_K_1:XPOS
Observer BPM Y: BT/BTBPM/BTpBPM:QXD4P_A_1:YPOS

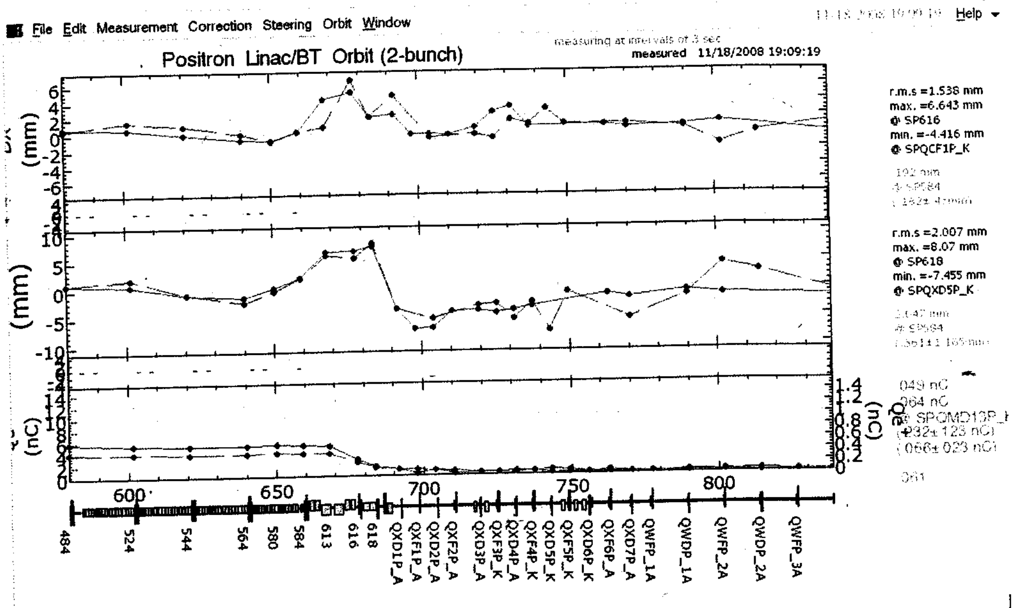
Q{D F}58-4 の Offset は.
~0.5 mm. 問題なし.

(e+) ballistic orbit

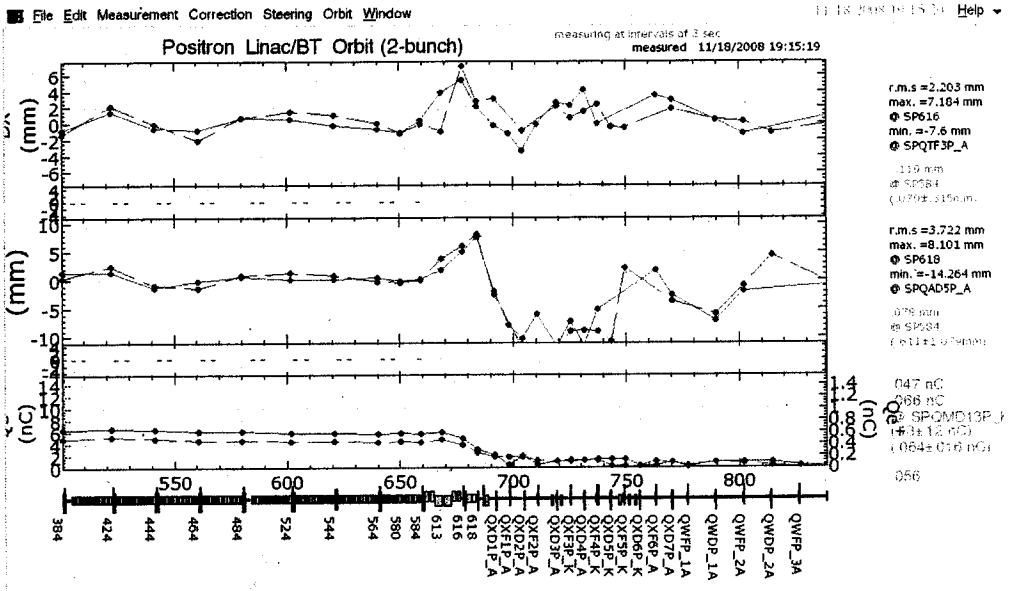
運転



Q{DF}584.
B{XY}584
全てOFFする

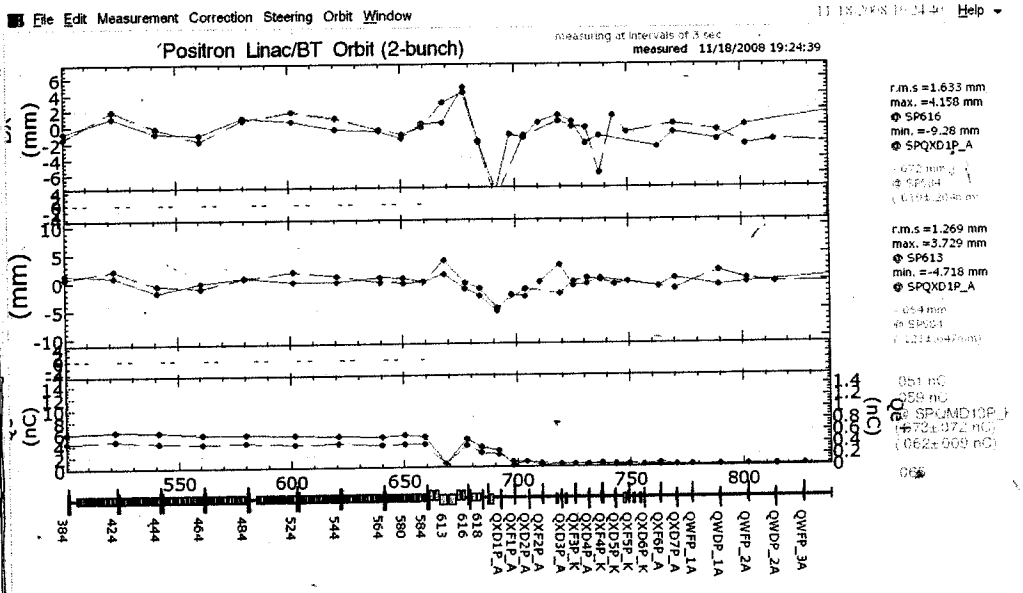


SP56Xと
SP58Xで
に軌道が
まっすぐに
なるように
調整。



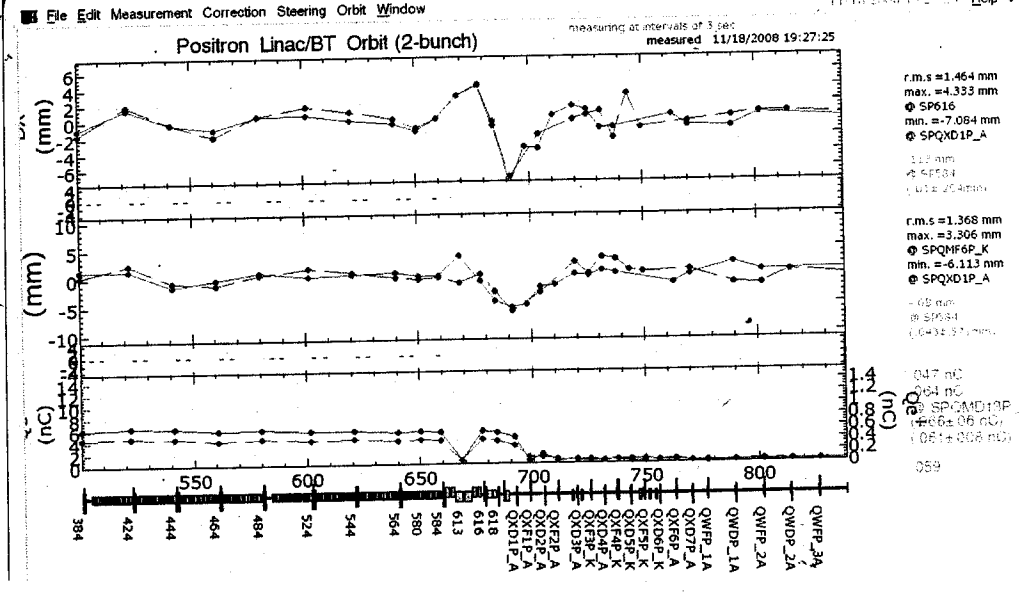
ECS off
H軌道が
まっすぐに
なった!

ECSが-.V.に
~0.3mrad
kickして
いた!



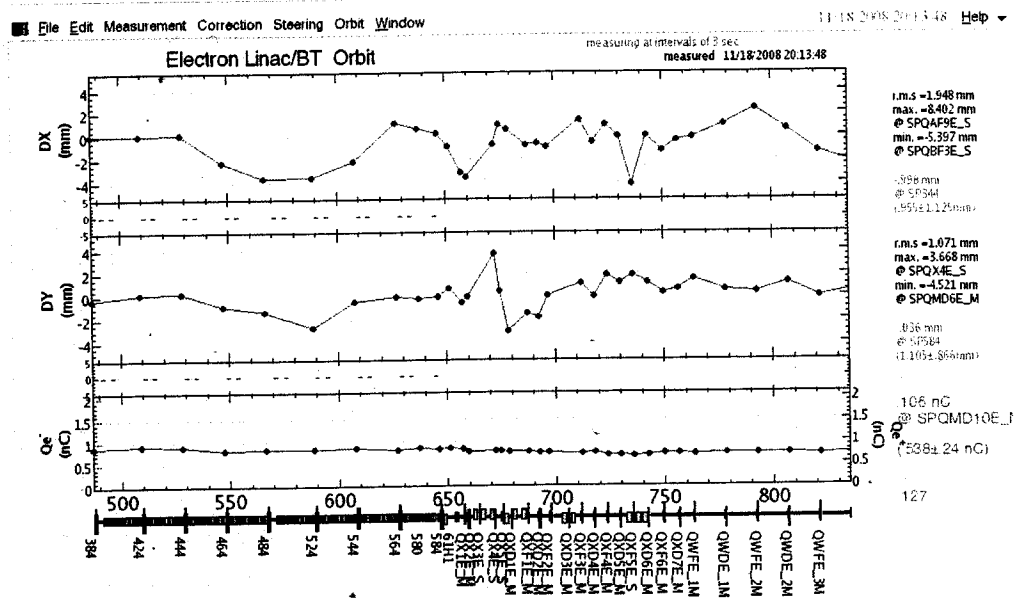
Q{QF}584
On

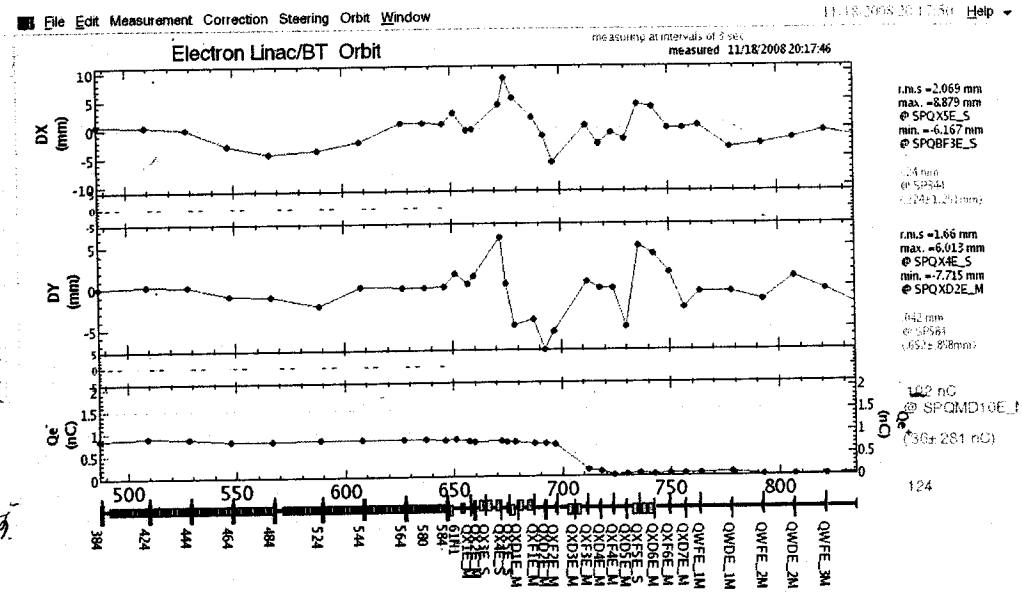
Q{DF}584は
kickして
いなかった.

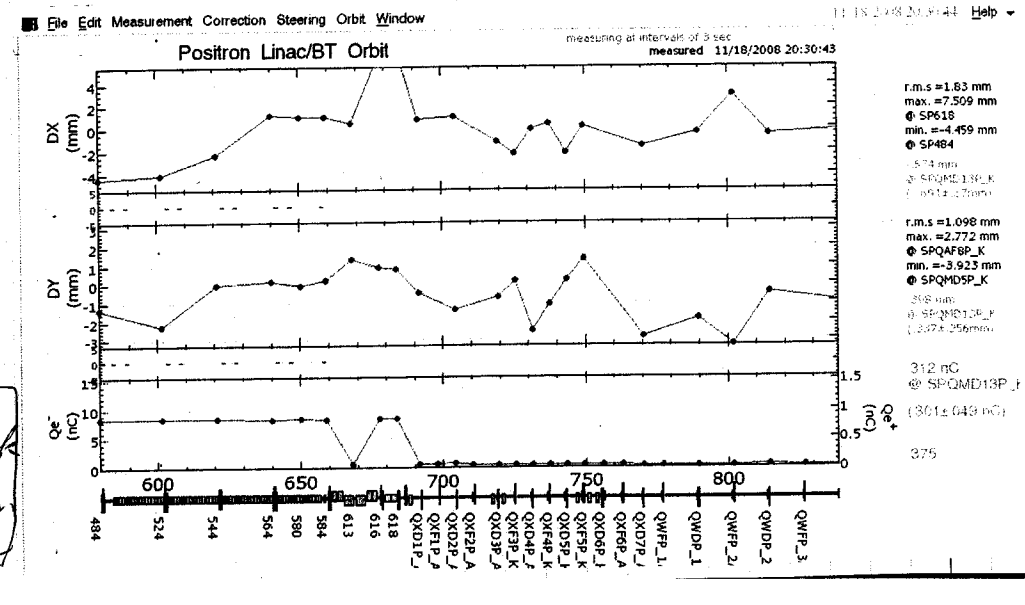


ⓔ ballistic orbit

運転







Q1DF1584,
B1XY15.84

全て off

e+で. 0.3mradと
同じ符号であり, e-では.
−0.13mrad.

QX1Eでは.
−1.3 ~~mm~~ mrad
であるが. ~0 mm
である.

ECS off

SP-61-6で.
Y~1mm
→kickなしと
考える.

ⓔ-では. V.kick
は. 受けていない

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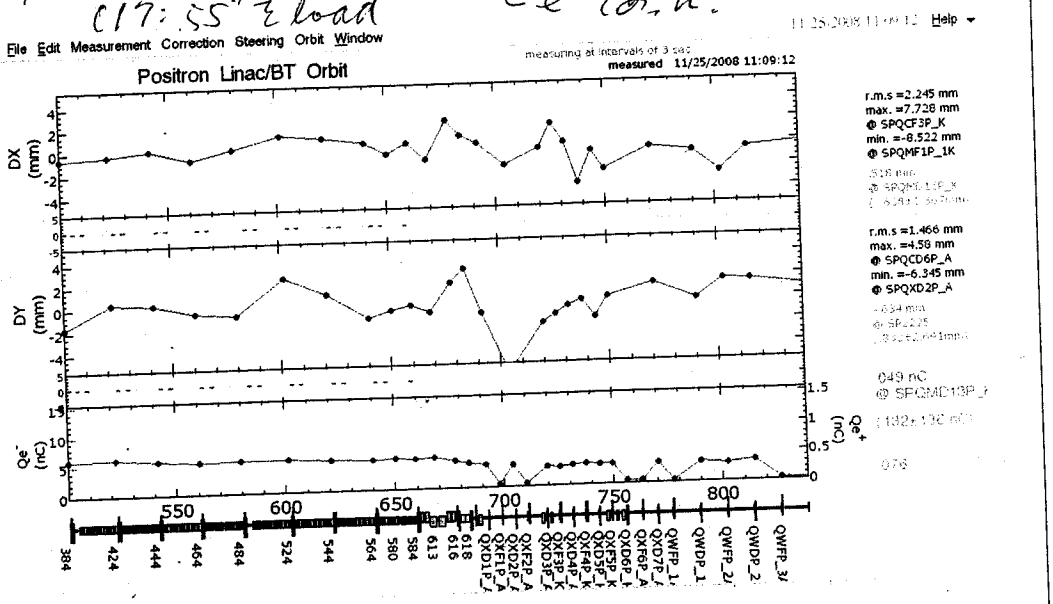
'08/11/25 e⁻/e⁺ 同時入射 Study

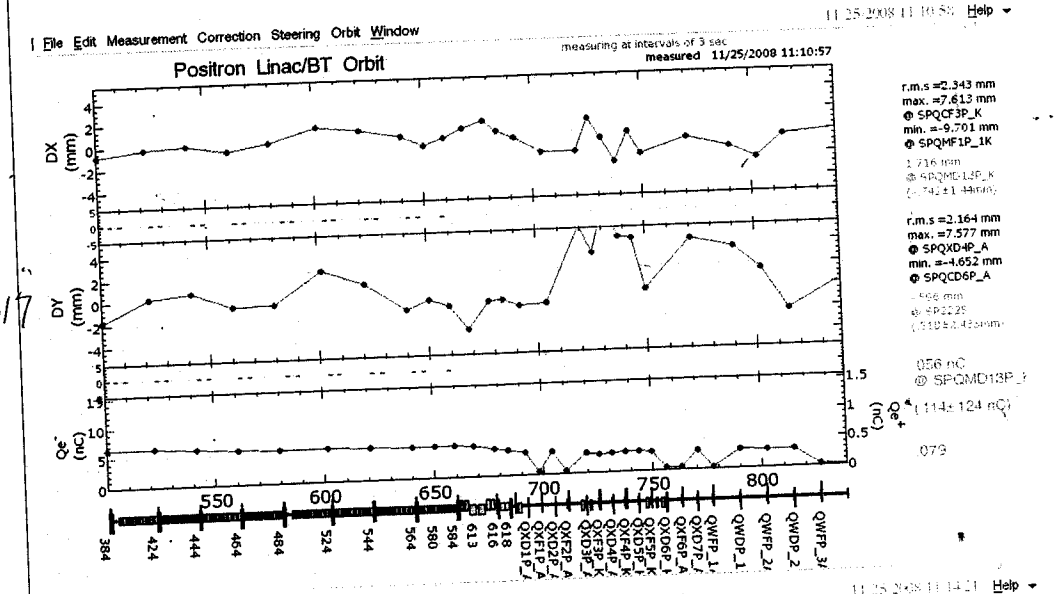
11/11 17:38の data を load (e⁺の光軸 optics)
(17:55" を load e⁻である。

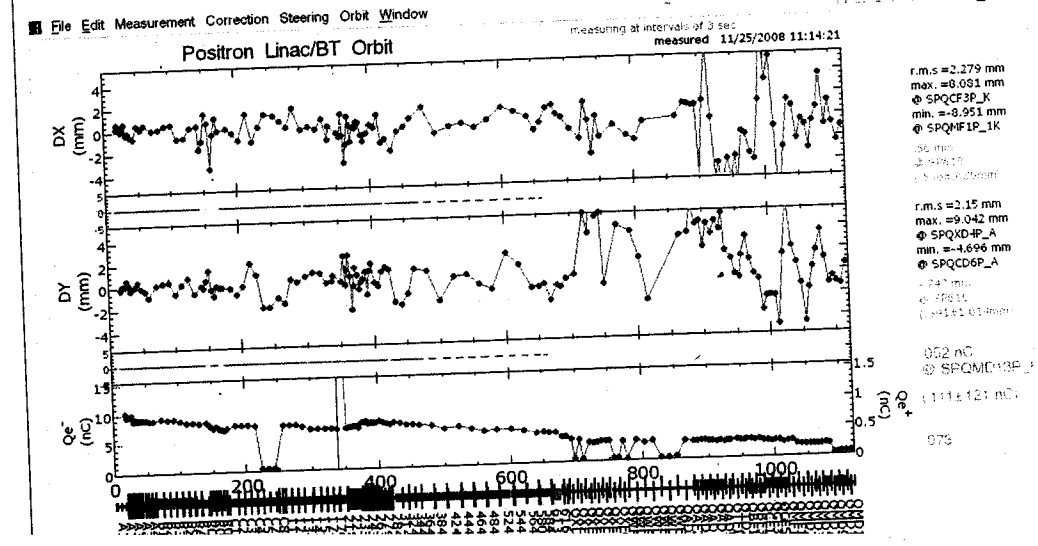
e⁺再現



BY: 58.4
2A → 3A
軌道補正

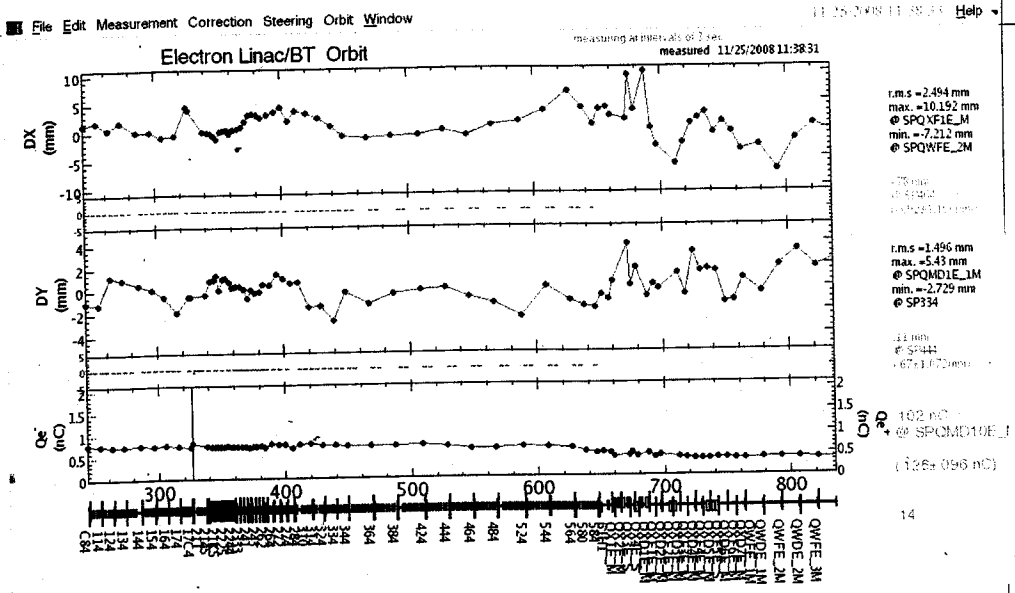
"2008.11.25-11:18:17
に save



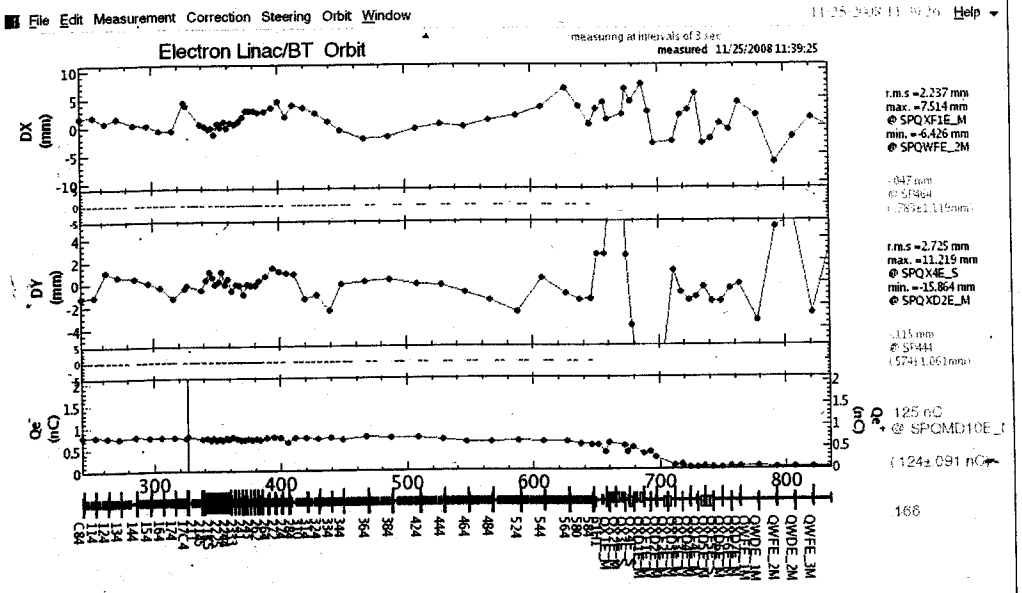


(e⁻) 2008/11/12/11:11:42" Eload ← BY584 1 −0.7 のとき

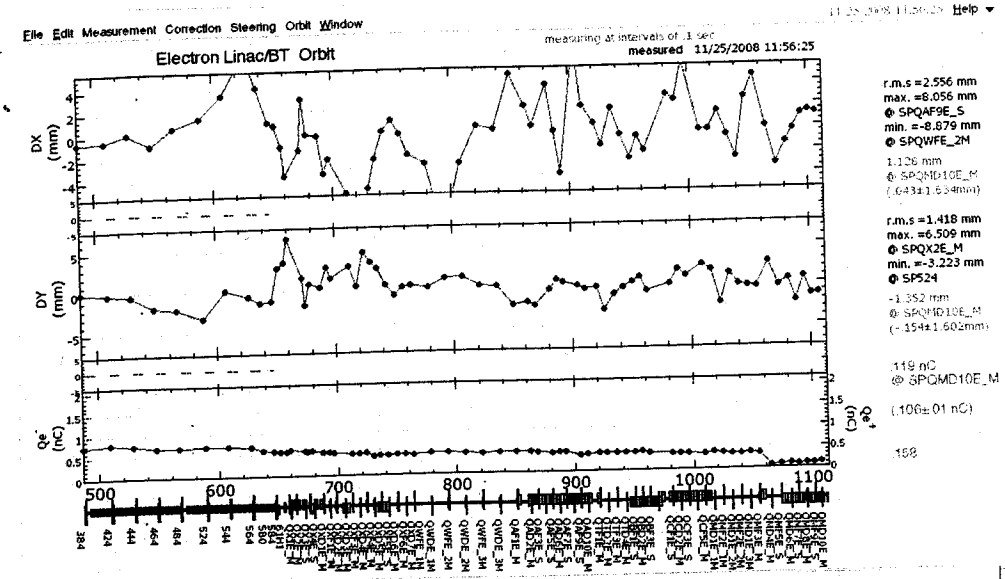
BY584 1
~~3A~~
−0.7A



BY584
3.0A



BT で V. 軌道補正.



1125
"12:05:11"
K-save

BT 1.
"11:52:59"
K save

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e+ Study Pulse St. 紙谷模索

{QM '08/11/5 16:22 のパラメータを load
St. '08/11/11 15:00 の " "

QM St "20081127-11:07:23" に save
Target前 (X)
○ SP-17-4 +2.0 mm
SP-17-C4 −0.6 mm 共に FB する

○ BY-48-4 −0.399 → −0.350
BY-58-4 2.105 → 3.004

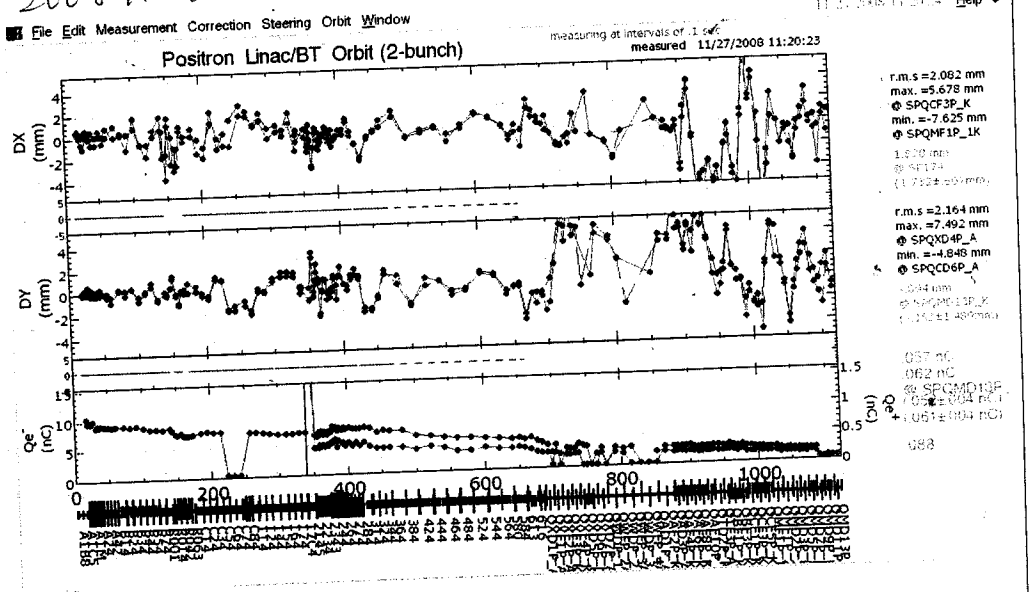
KLY-21 248.1 deg
KLY-18 48.5 deg

e+
SX-16-3
SY-16-3
BY-17-C1
BY-17-C4

e+ SX-16-3
SX-15-3
SY-16-3
BY-17-C1

Target前FB 要検討

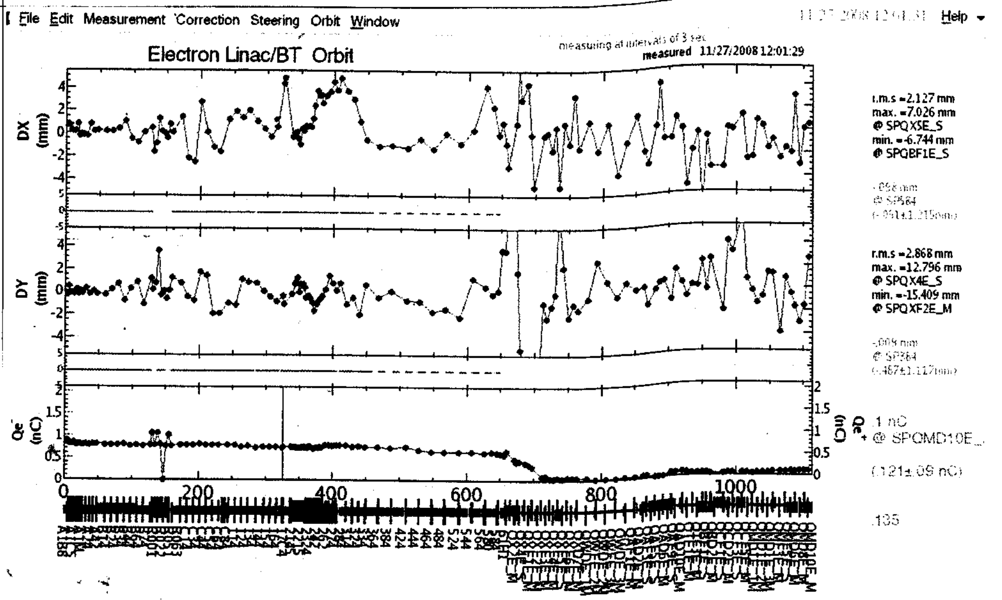
{QM "20081127-11:22:32" に save
St "20081127-11:22:05" に save

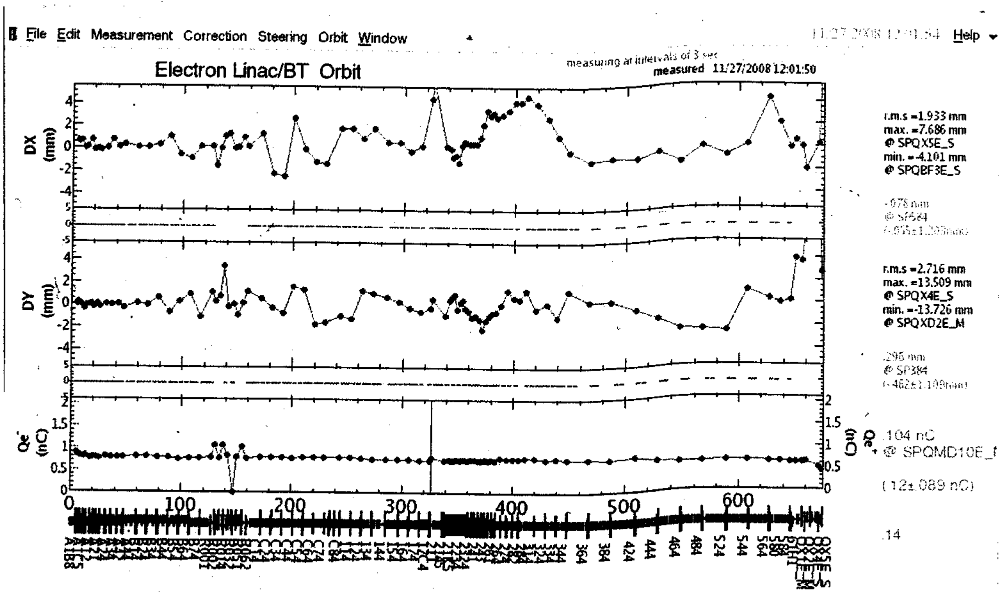


BY-17C5 に set
−0.434 → −1.031 [A]

St: "20081127-11:50:19" に save

(e⁻) Pulse-St. 軌道調整





e+/e- 同時入射用	設定値	運転値
PX_17_C1	8.9A	6.5A
17_C5	6.0A	4.672A
21_45	3.5A	4.9A
PY_21_45	-1.5A	0.48A
PX_28_4	-3.0A	0A
PY 〃	0A	0A
PX_38_4	0A	0A
PY 〃	0.5A	0A
PX_48_4	-2.0A	0A
PY 〃	0A	0A

注意
切り換えの時 Acc/Stb
- 18,21
- Pulse St.設定
- Target前FBのMoni値