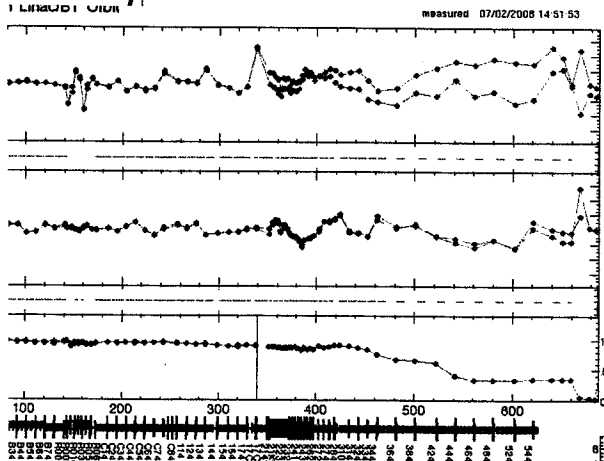


ターゲット #47.  
 A < 173 591に  
 Qをシフトした

QD\_174  
 4.242A  
 → 6.9 A  
 QF-174  
 4.405A  
 → 8.8A

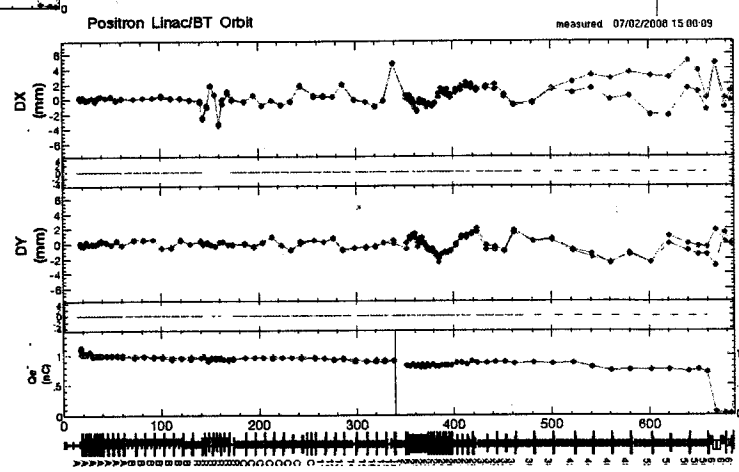
<del>8.2</del>	8.2	10.06	2.1	0.4
↓				
0.	0	0	0	
7.0	8.87			
8.25	10.06	2.1	0.48	
		5.0		
☆ 8.25				

$\Delta I = -2.9A$



r.m.s = 1.814 mm  
 max = 5.077 mm  
 @ SP17C4  
 min = 8.067 mm  
 @ SPQMFIP\_3K

r.m.s = 1.012 mm  
 max = 5.578 mm  
 @ SP613  
 min = 2.593 mm  
 @ SP524



r.m.s = 1.77 mm  
 max = 4.763 mm  
 @ SP613  
 min = 8.067 mm  
 @ SPQMFIP\_3K

r.m.s = 939 mm  
 max = 3.332 mm  
 @ SPQMFIP\_3K  
 min = 2.941 mm  
 @ SP613

QD174 { 7.2 A  
 QF174 { 7.087 A  
 (PF 6.9 A  
 7.087 A)

Px 17C1 Q@21K5

TG off BP off  
0.890nC  
TG IN BPOIN

7.0	0.374
7.6	0.517
7.8	0.538
8.0	0.532
8.2	0.534
8.4	0.522
8.6	0.507
8.8	0.485
9.0	0.436

←

8.0 0.531 nC

SP21K5

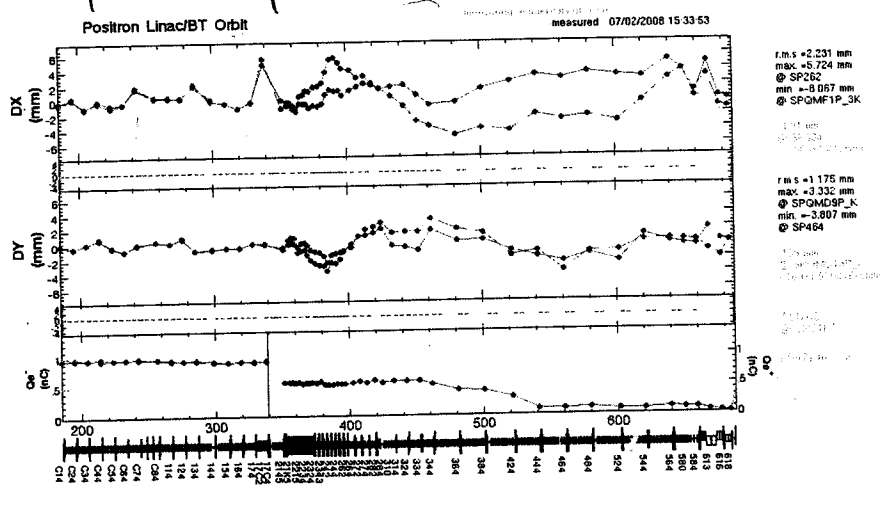
{ QD17C4/5 { 8.225A  
QF17C4/5 { 7.785A

.525nC

~~11.17 A~~  
~~10.690 A~~

~~375nC~~  
.558nC

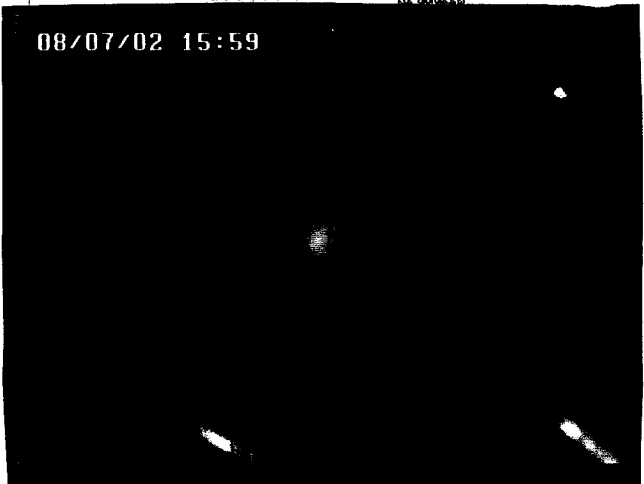
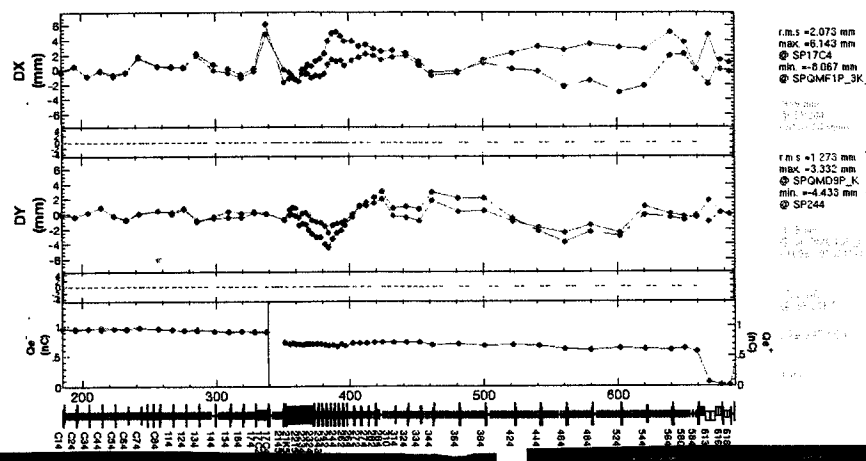
PF/e 共通  
Optical  
と17C



Target Im



SC44-2  
 本機が  
 止る  
 58-4で  
 長

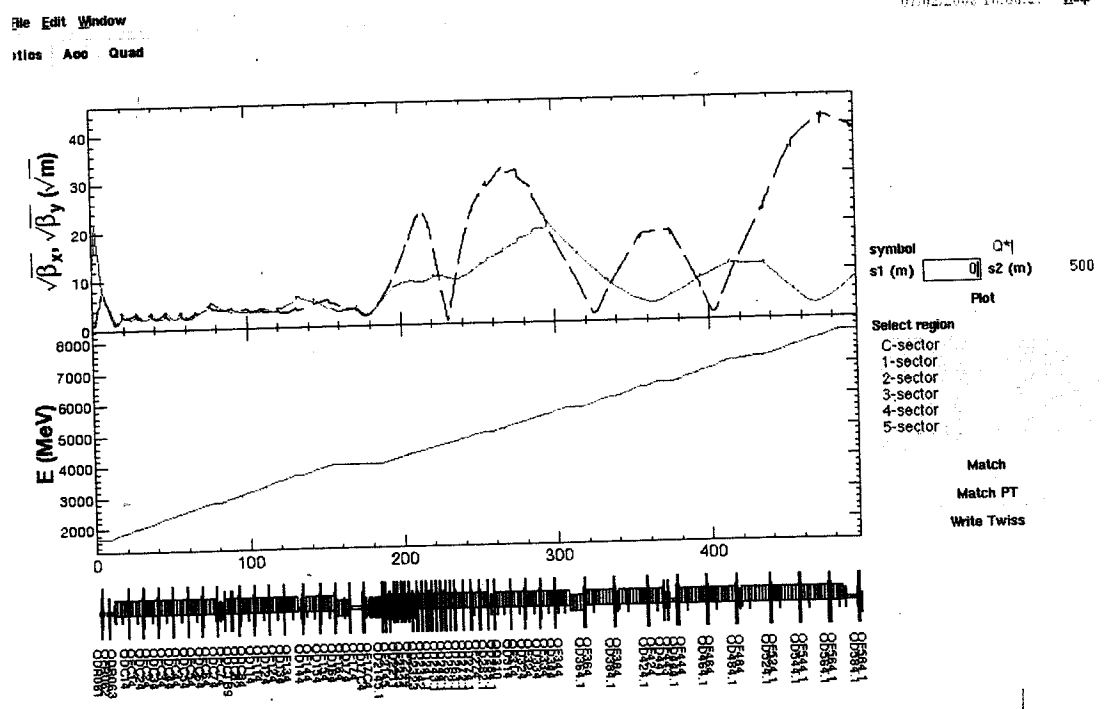


SC-44-2



SC-58-4

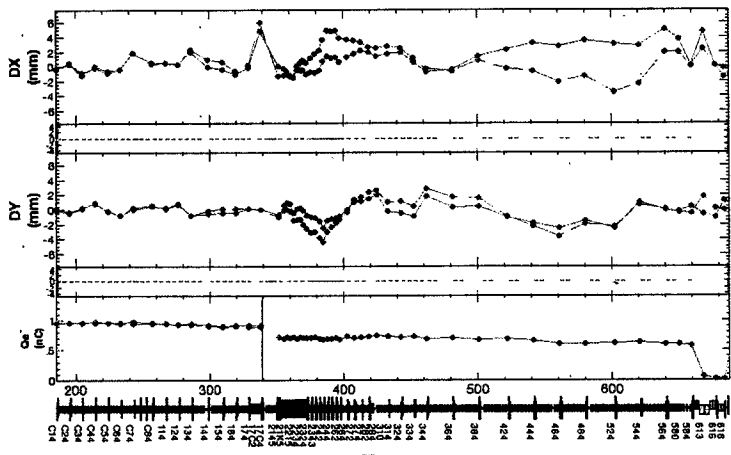
0 QD344  
5.0A  
 0 QF344  
5.28A



35

Positron Linac/BT Orbit

measured 07/02/2008 16:08:02



r.m.s = 2.001 mm  
 max = 6.015 mm  
 @ SP17C4  
 min = -2.067 mm  
 @ SPQMFP1\_3K

r.m.s = 1.238 mm  
 max = -3.332 mm  
 @ SPQM09P\_K  
 min = -4.427 mm  
 @ SP244

Qx = 0.100 eG  
 @ SP244



SC-44-2



SC-58-4

Window 07/02/2008 16:07:33 Help

LINAC		KEKB		e-	Read		
Read (I/B')	File (I/B')	Read (I)	File (I)	Steering	Read (I)	File (I)	Diff
1.885	1.9971	1.885	1.9971	SX_A1_00	.717	.717	
1.971	2.0898	1.971	2.0898	SY_A1_00	.600	.600	
2.821	3.8696	2.821	3.8696	SX_A1_04	.900	.900	
3.260	4.3318	3.260	4.3318	SY_A1_04	-1.440	-1.440	
1.297	1.8615	1.297	1.8615	SX_A1_S6	.001	.001	
2.513	2.1723	2.513	2.1723	SY_A1_S6	.001	.001	
1.590	2.1681	1.590	2.1681	BX_A1_B8	-1.199	-1.199	
2.821	2.4294	2.821	2.4294	BY_A1_B8	.302	.302	
2.962	2.5477	2.962	2.5477	BX_A1_C5	-0.089	-0.089	
2.860	2.4620	2.860	2.4620	BY_A1_C5	.001	.001	
10.747	7.6458	10.747	7.6458	SX_A1_21	.001	.001	
12.139	8.9917	12.139	8.9917	SY_A1_21	.001	.001	
15.179	10.7127	15.179	10.7127	BX_A1_22	-0.050	-0.050	
16.938	12.4714	16.938	12.4714	BY_A1_22	.001	.001	
21.363	14.7444	21.363	14.7444	BX_A1_M	.001	.001	
21.370	15.5900	21.370	15.5900	BY_A1_M	.001	.001	
13.993	8.5823	13.993	8.5823	SX_A1_B4	-0.050	-0.050	
13.619	8.2548	13.619	8.2548	SY_A1_B4	.050	.050	
15.062	9.2290	15.062	9.2290	SX_A1_1	-0.172	-0.172	
15.890	9.6169	15.890	9.6169	SY_A1_1	-0.050	-0.050	
15.853	9.7062	15.853	9.7062	SX_A1_G1	-0.050	-0.050	
20.044	12.0960	20.044	12.0960	SY_A1_G1	-0.045	-0.045	
9.560	5.8918	9.560	5.8918	SX_A2_1	-0.499	-0.499	
11.729	7.1198	11.729	7.1198	SY_A2_1	.001	.001	
18.425	11.2490	18.425	11.2490	SX_A2_2	-0.199	-0.199	
19.751	11.9219	19.751	11.9219	SY_A2_2	.001	.001	
4.005	13.8204	4.005	13.8204	SX_A2_3	.001	.001	
4.151	14.1191	4.151	14.1191	SY_A2_3	.001	.001	
4.830	16.7241	4.830	16.7241	SX_A2_4	-0.199	-0.199	
4.962	16.9022	4.962	16.9022	SY_A2_4	.001	.001	

Read Save File Diff      Read Save File Diff

Select Clear Set Magnet      Select Clear Set Magnet

lb\data\LINAC\LCG\magnet\2008\07\skbe20080702-16:06:39      hmnt\data\lb\data\LINAC\LCG\magnet\2008\07\skbe20080702-16:06:45

lb\data\LINAC\LCG\magnet\2008\07\skbe20080702-16:06:45

e<sup>+</sup> Beam

16:19 e/e-共通  
(P.15) Optics

変動大きい

QD344

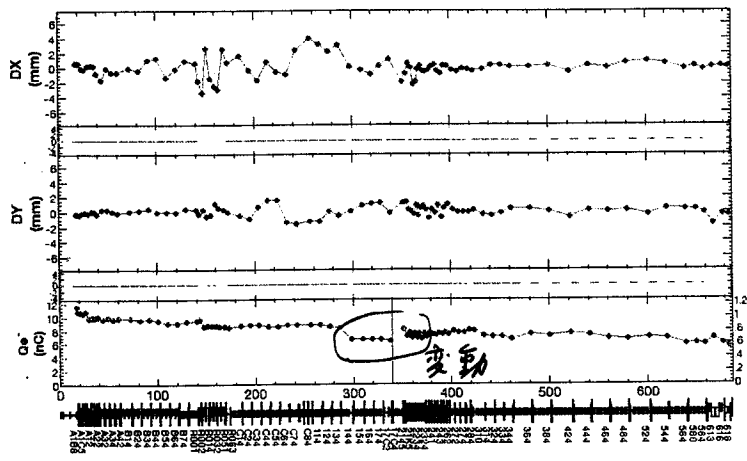
QF344

5.0A  
5.28A

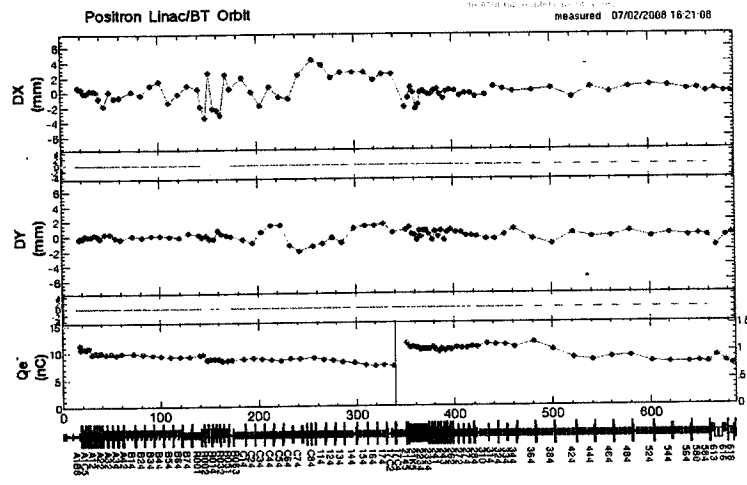
4.86A  
5.28A



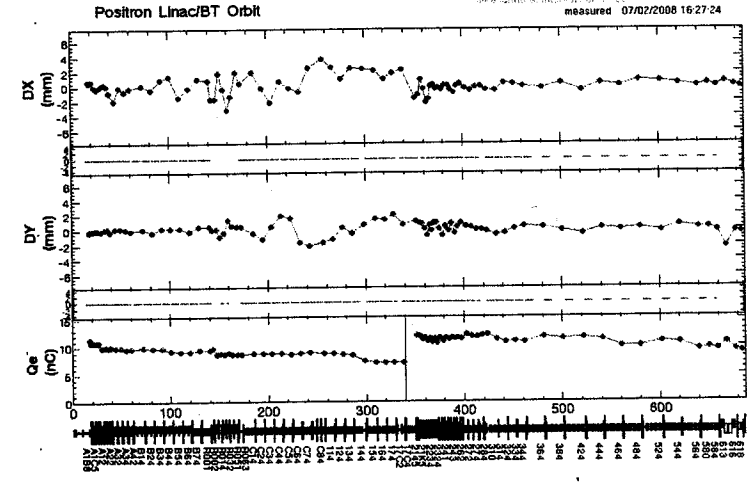
5.0A  
5.0A  
実際 1=17.  
5.0A, 5.0A が  
best である。  
(変動のため記録  
不可)



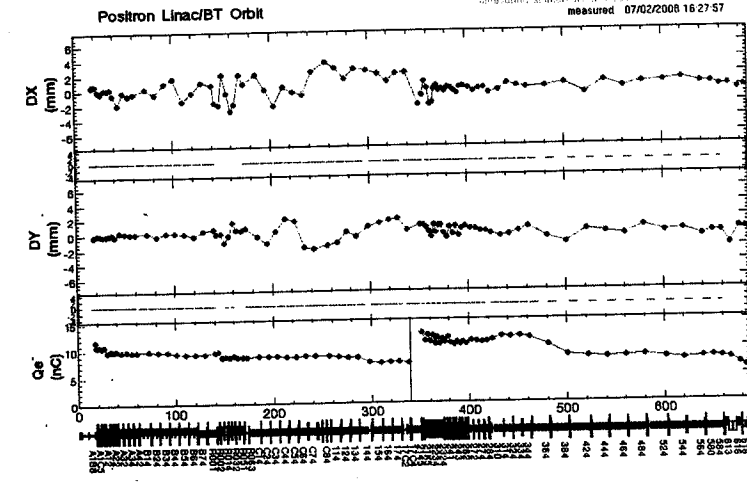
r.m.s = 1.766 mm  
max = 4.185 mm  
@ SPGMF10P\_K  
@ SPQMD5P\_K  
@ SPQMD7P\_K  
min = -8.067 mm



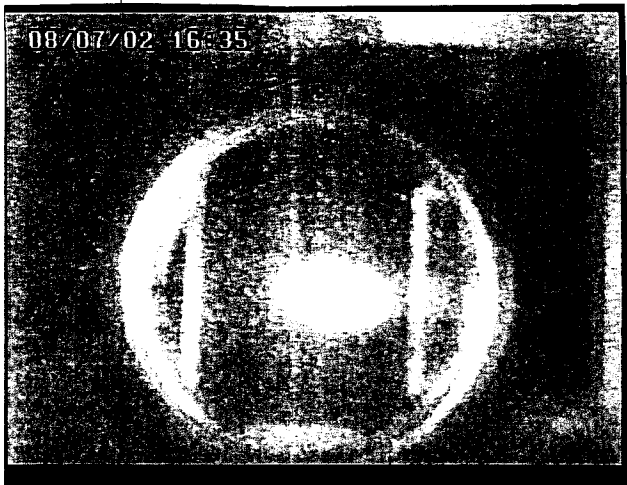
r.m.s = 1.651 mm  
max = 4.297 mm  
@ SP614  
@ SPQMD5P\_K  
@ SPQMD7P\_K  
min = -8.067 mm



r.m.s = 1.764 mm  
max = 4.185 mm  
@ SPGMF10P\_K  
@ SPQMD5P\_K  
@ SPQMD7P\_K  
min = -8.067 mm



r.m.s = 1.785 mm  
max = 4.185 mm  
@ SPGMF10P\_K  
@ SPQMD5P\_K  
@ SPQMD7P\_K  
min = -8.067 mm

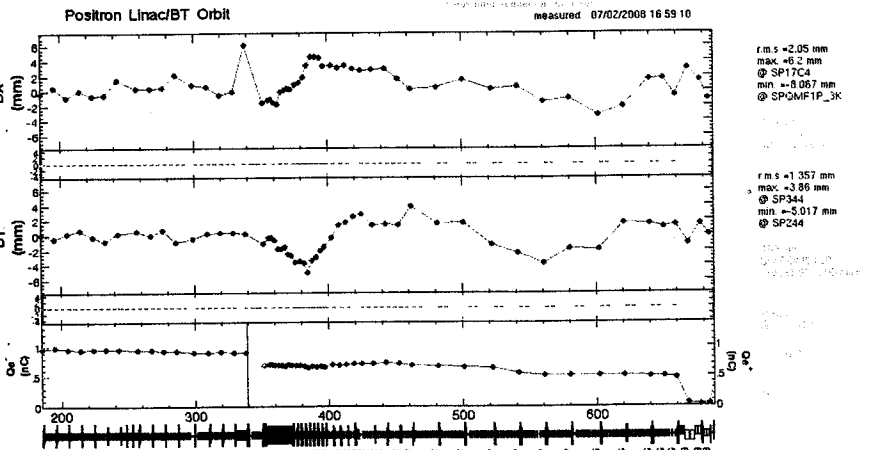
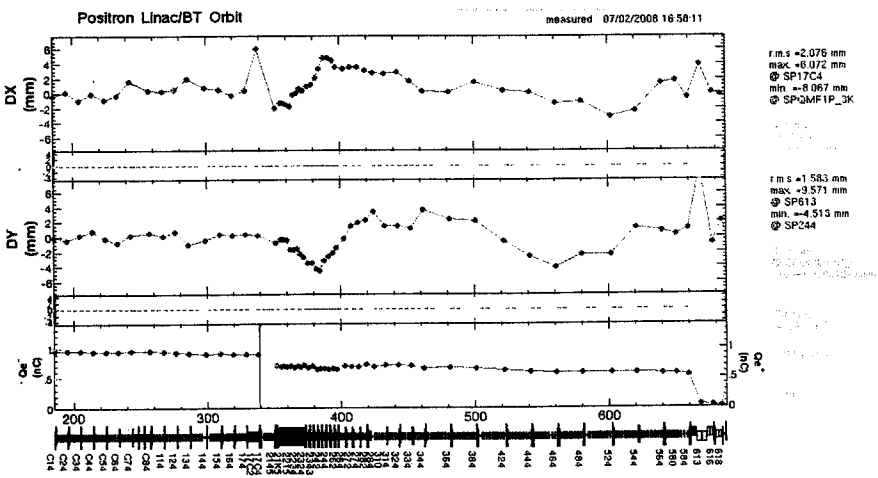
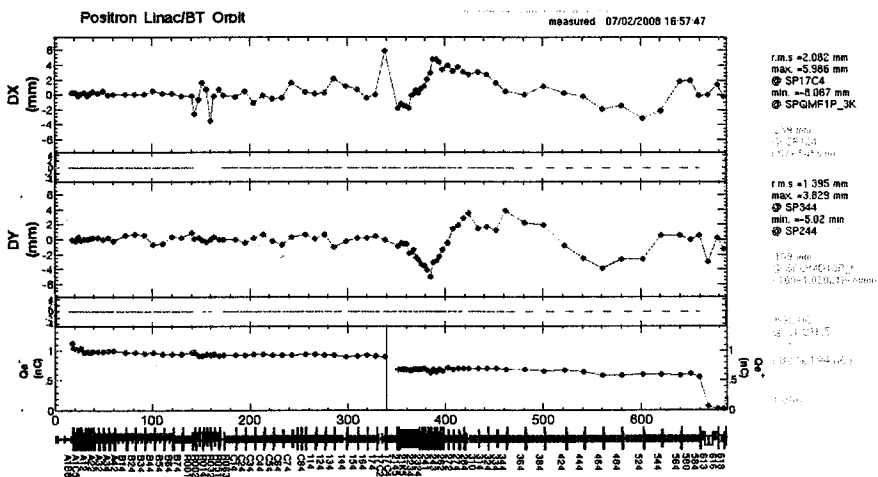


08/07/02 16:35

5C-17-25

**e Beam**

QB344  
QF344  
5.0 A  
5.28 A



{ 5.0 A  
5.0 A

{ 5.0 A  
5.0 A



QB344:  
8.315 A

e<sup>-</sup> Beam

5.0 A  
5.0 A

~~8.574 A~~

• QF384

8.315 A

→ 8.5

→ 8.8 A

• QF384

8.574 A

0.33

17:11:43

save

17:17:48

e<sup>+</sup> Beam

• QF384

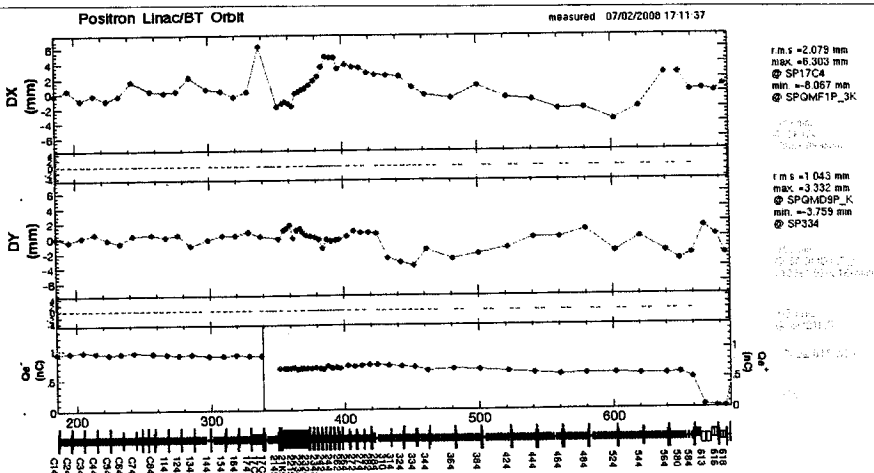
8.315 A



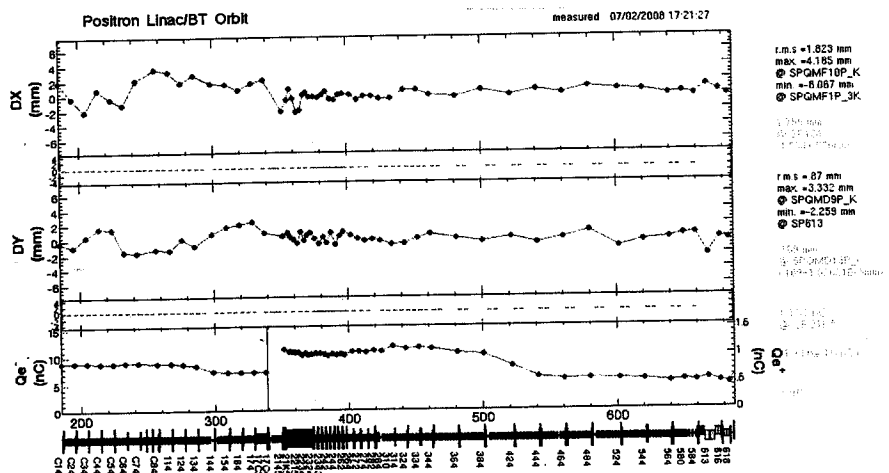
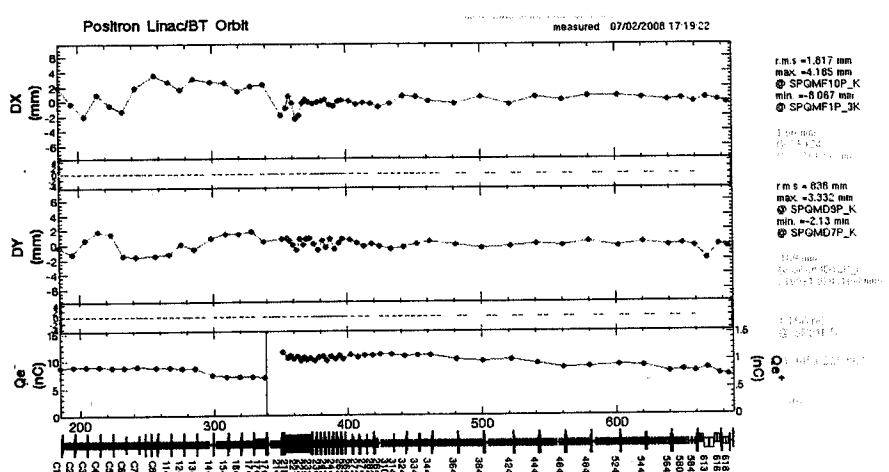
• QF384

8.8 A

X



多少長!!  
(1割以下はだか)



⇒ QF384 17. 8.315 A 0.33.



17:35

# A, B 77- (1nC, 10nC) 共通 Steering

**e<sup>+</sup> Beam**

P.38

17:19:22

Optics

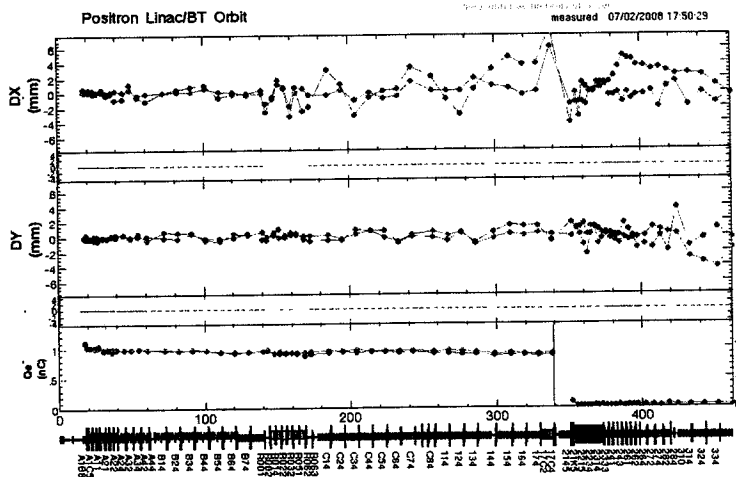
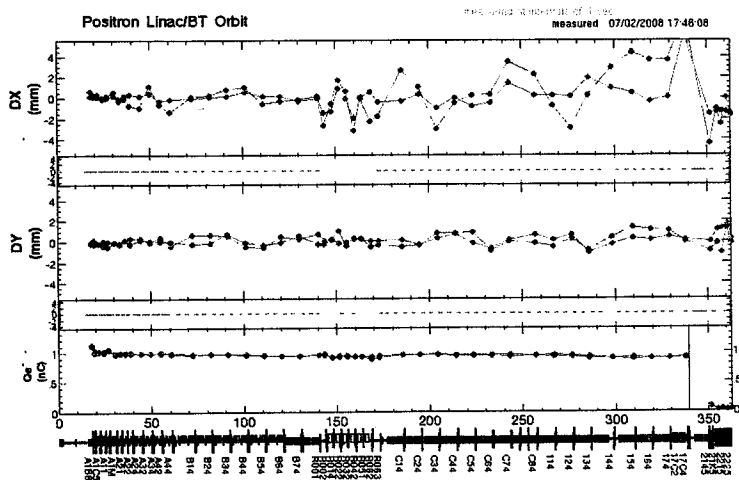
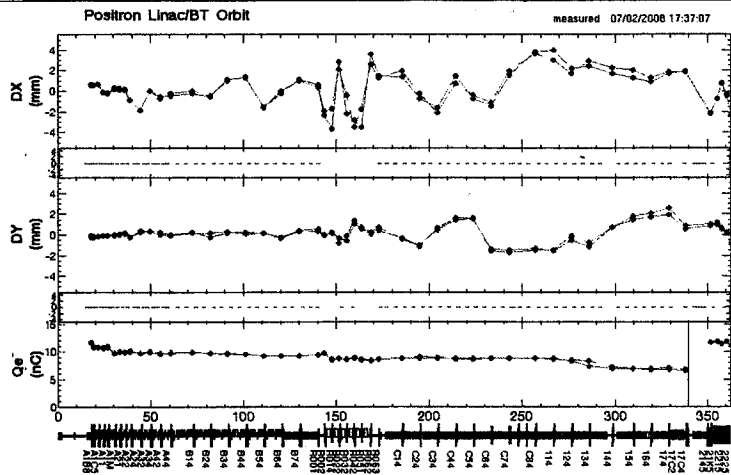
**e<sup>-</sup> Beam**

QUEST.

e<sup>+</sup> parameters

LT=.

OK!



2008.7.2

e<sup>-</sup> Beam

BX17C ~~9.4A~~ -1.675A  
 → ~~7.0A~~ → -0.975A

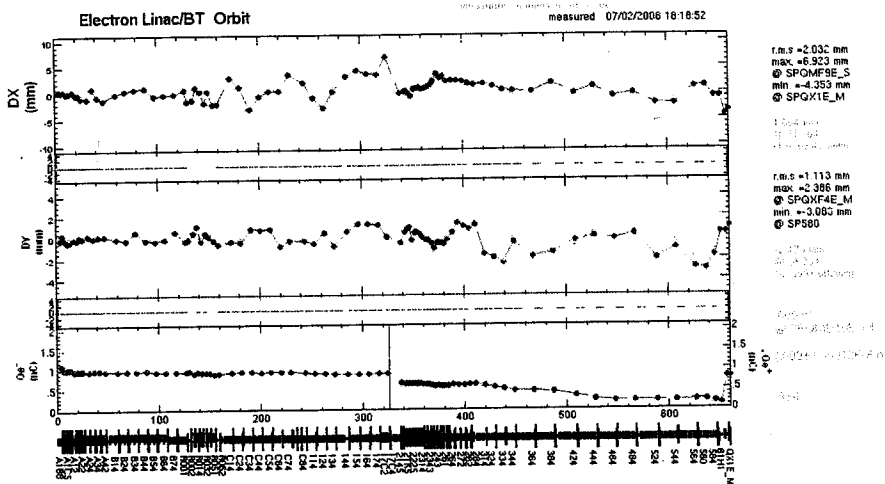
PX17C1 ~~9.4A~~  
 → 6.2A

PX17C5 6.24A  
 → 0A

PX21C5 6.24A  
 → 4.0A

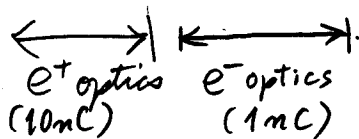
PY2145 0A  
 → 0A

BY17C5 -0.405  
 → -0.305



20:22:57 k  
 save  
 (Q, ST共)

Matching の 領域 2/3.



e<sup>-</sup> optics i. e<sup>+</sup> 10mC Beam 透過 可能 否?? → 検証