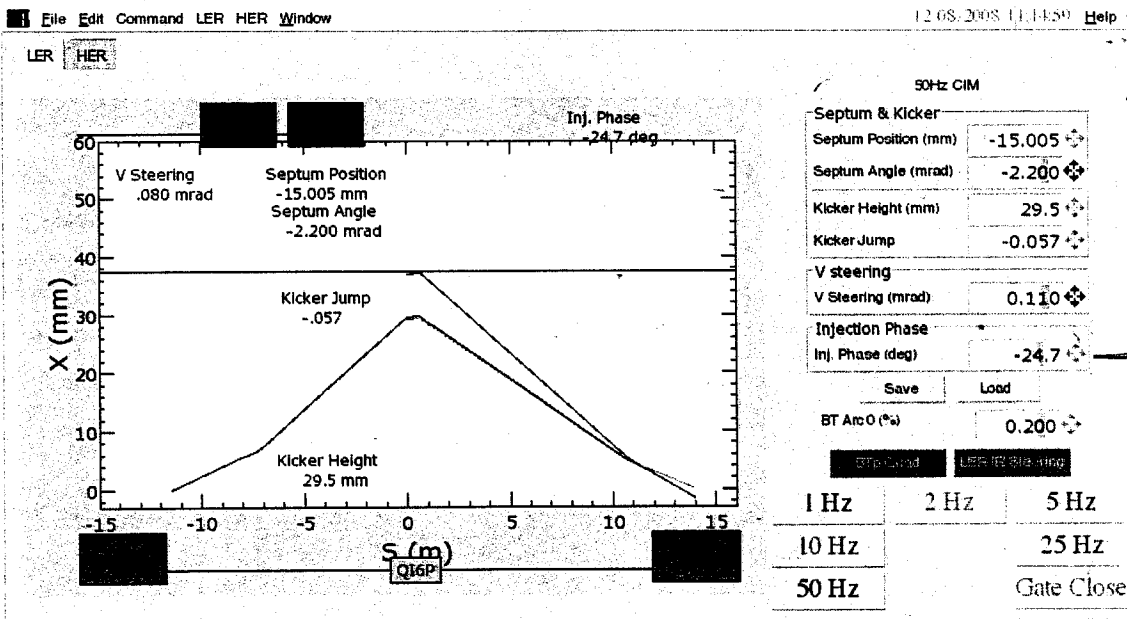
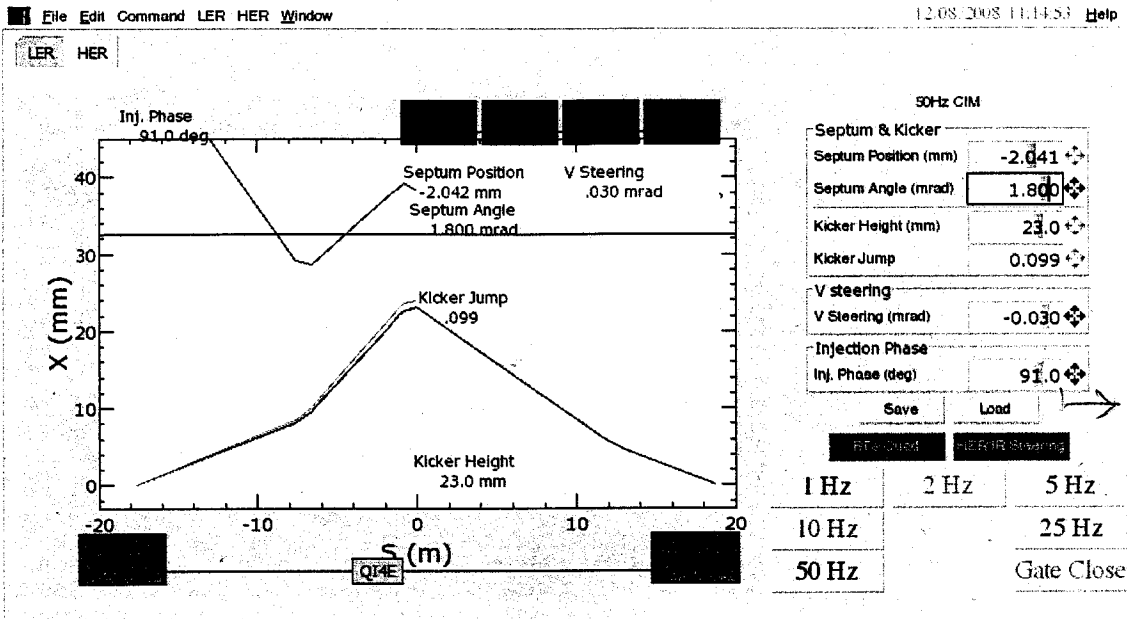


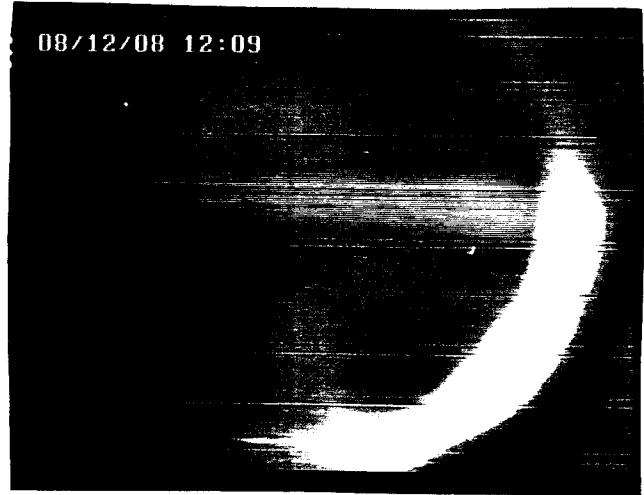
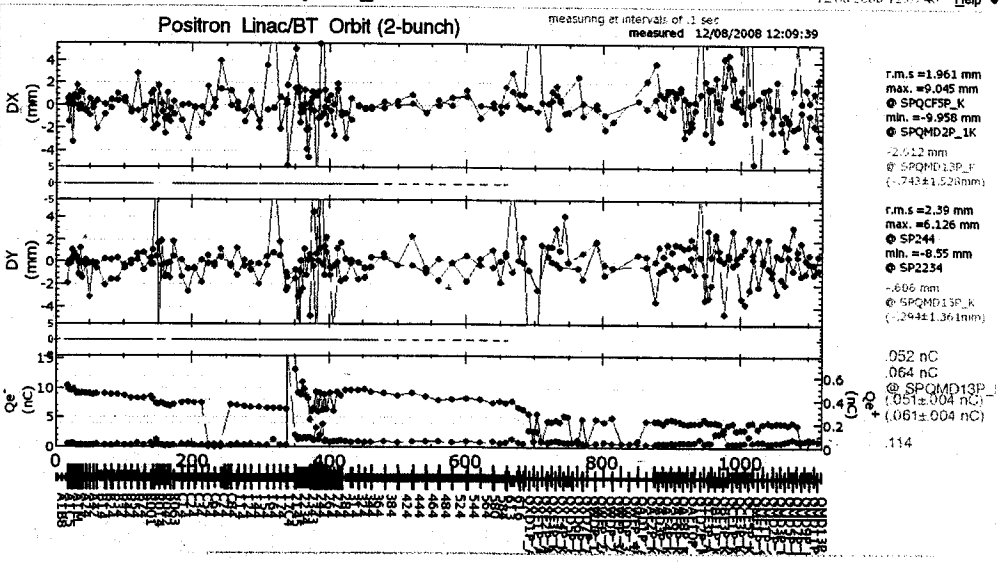
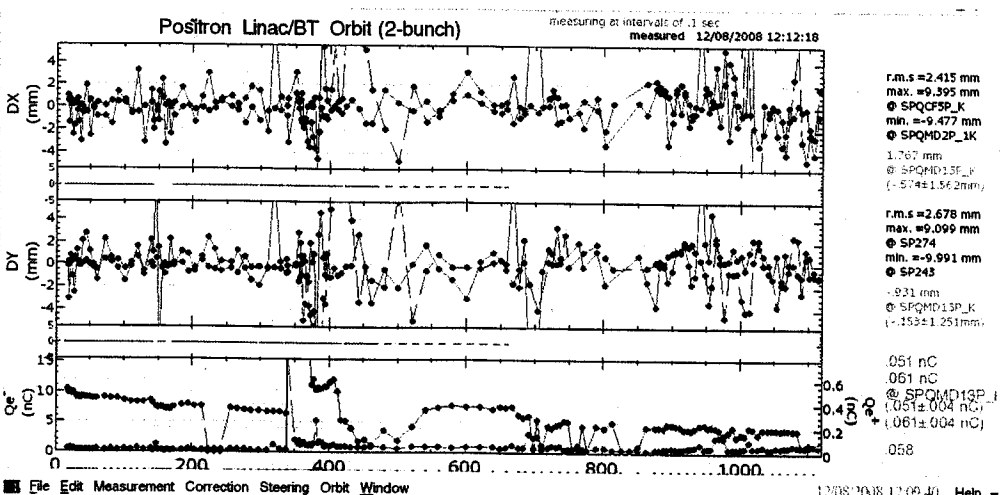
11:40

Dump Modeで同時入射 opt:cs 確認。
 e^+ EESでの落ち込みは約70% (250%)



共通なics

e^+



(e^+ Energy FB offset 1 mm)

e^-

orbit 悪い → 補正 (午後)

21:33:22 \downarrow 025Hz \uparrow

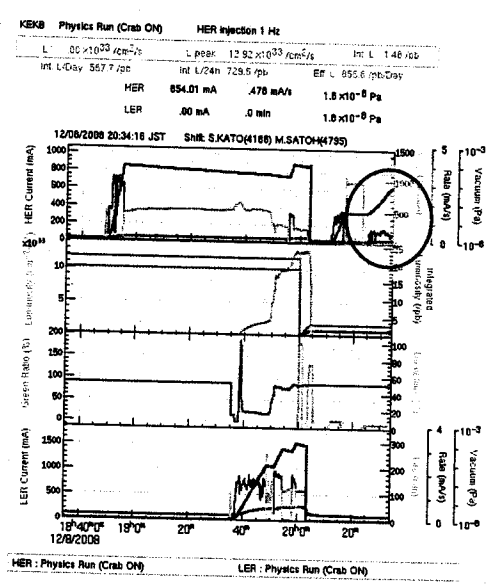
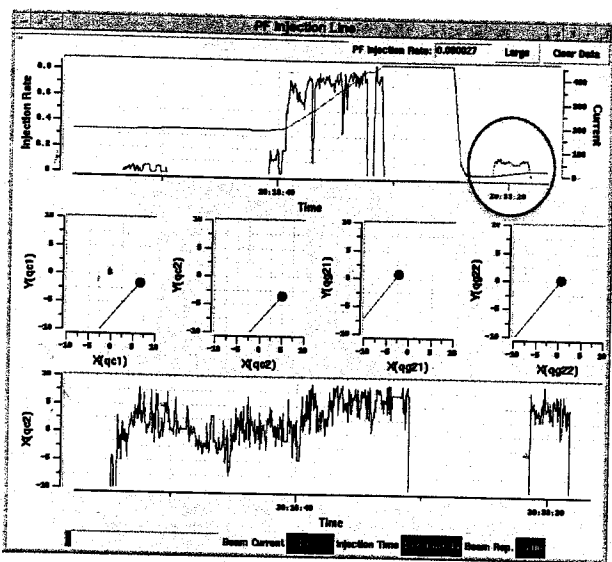
34:49 2113

20:32

PTI/HER
5Hz/12.5Hz 同時に入射させた。

PF/5Hz

HER/12.5Hz



しおし

-30MeV BT

I(2S) 運転 157x7-

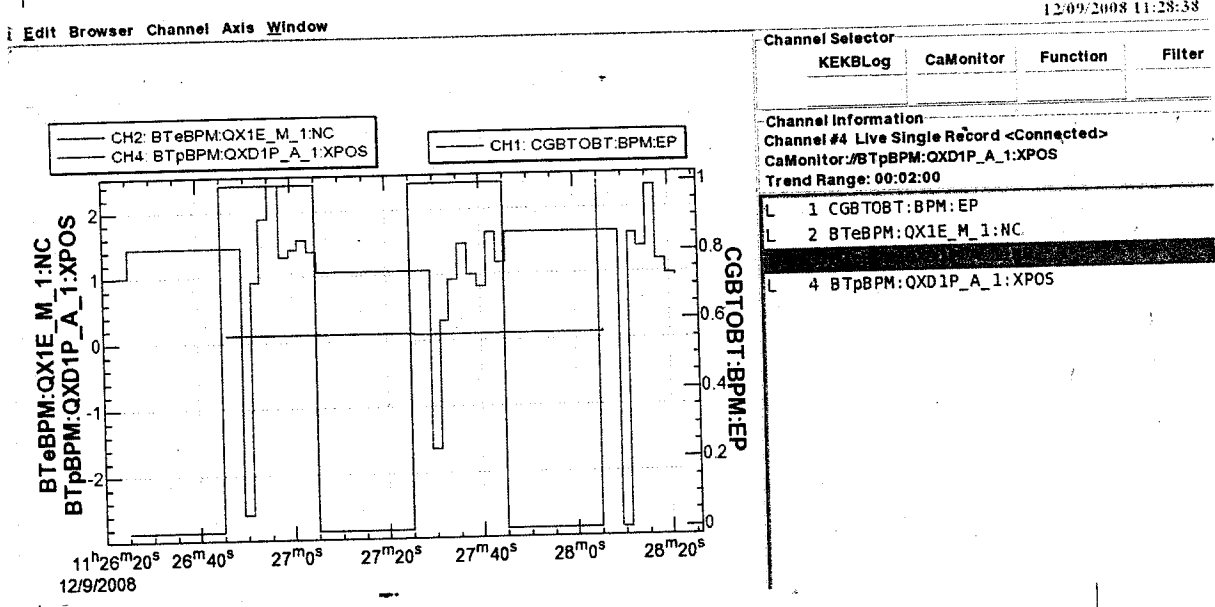
e⁺ { QM: BTP12-09-2008-11:39:18
 ST: 11:39:56

e⁻ { QM: BTe1209-2008-11:45:08
 ST: 2008-11:45:15

Study 157x7- LINAC
 e⁺ の軌道調整

LINAC { 20081209-11:59:52 Q
 20081209-12:00:02 S

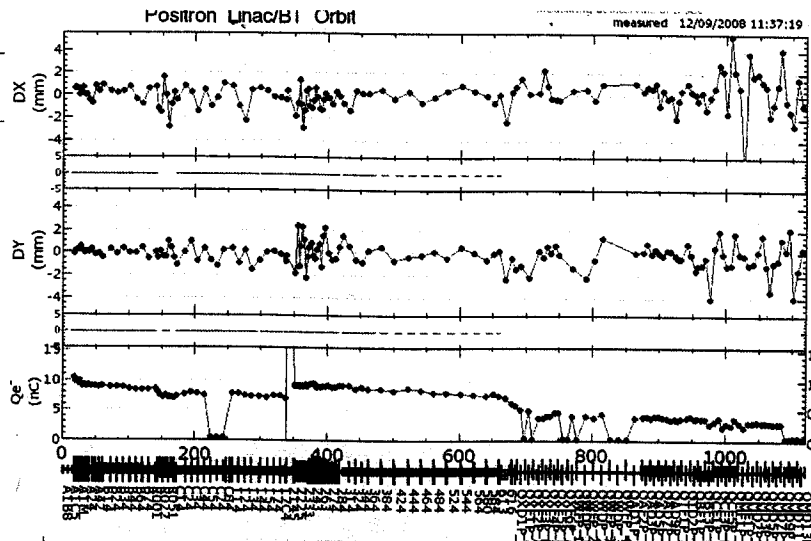
BT { BTP12-09-2008-11:58:27 Q
 " " 11:58:27 S



100の検定 Record が動いてから、BTのBPMは
 軌道出しが完了。5~7秒かかす。(5秒/e⁺, 7秒/e⁻)
 同期は、20秒でよい。

通常の
運転パラメータ
X(25)-30MeV

(e⁺)



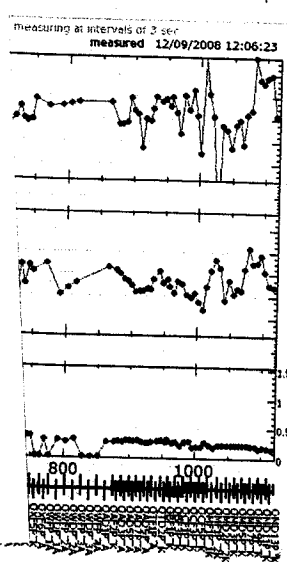
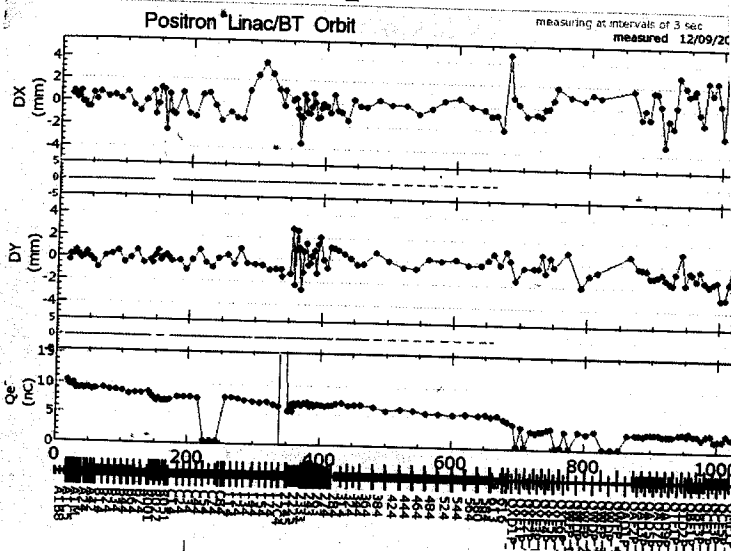
r.m.s = 1.345 mm
max = 5.314 mm
min = -7.109 mm
SPQMD2P_1K
-756 mm
SPQMD13P_1
(-2.055±0.376mm)

r.m.s = 1.512 mm
max = 5.403 mm
min = -4.019 mm
SPQWFP_4A
SPQBD4P_A
-341 mm
SPQMD13P_1
(-10.527±16.564mm)

.053 nC
SPQMD13P_1
(.043±.014 nC)

.058

File Edit Measurement Correction Steering Orbit Window



Study 軌道 (e⁺)
Matching 済

(e⁺)

Target Bump 調整しかけたら、元軌道が悪くて、
e⁺の軌道を調整する=2カ-5 合わせました

197

'08/11/9
14:16

e⁺ Study 用 157x-7-7. 軌道補正.

Jan の 274-7-7. 手直し 53に 調整

BX-17-C5

BX-17-41

BY-17-01

Target 前 FB λ, 2n 20v.
後 10v 直し
(要)

17:10

γ(2S) ~~10~~ (+0 MeV)

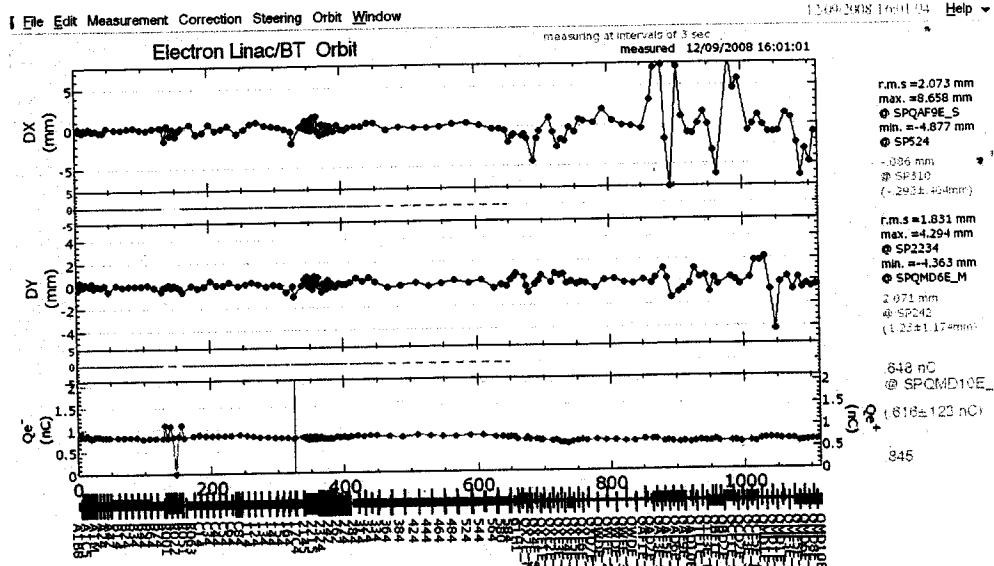
BT e⁻ 20080608-2200N" ε lead
QM

手前. BTP 7. "20080608-2200N" ε lead IT

軌道補正後 運転パラメータ

e⁻ { QM: BTe 12-09-2008-17:14:44
ST: " " 17:18:47

e⁺ { QM: BTP 12-09-2008-17:37:22
ST: " 2008-17:37:20



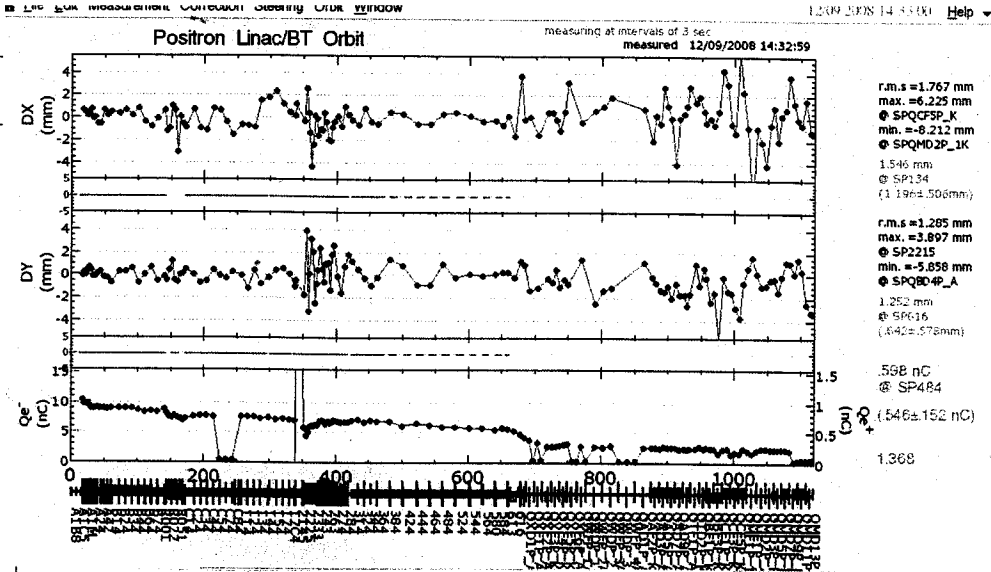
運転中

e⁻ の 0-6 が 変動 73 energy pattern 1-12n3.

(e1)

198

12:00
57
39
Pm



'08/12/10 · $\gamma(2S) + 0 \text{ MeV}$ の parameter を save

QM: BTe 04:57:08

ST: 04:57:16

QM: BTP12-10-2008- 04:56:24

ST: " 04:56:44

· $\gamma(2S) + 30 \text{ MeV}$ \wedge .

(QM: BTe12-10-2008-05:51:35 → 07:09:22
ST: " :36 → 07:08:24

BT orbit
Matching corr



07:14:41
07:14:42

(QM: BTP12-10-2008- 06:27:34

ST: " 06:27:33

06:45:26

· $\gamma(2S) - 0.5 \text{ MeV}$ \wedge .

軌道補正後

QM: BTe12-10-2008-11:18:03

ST: BTe12-10-2008-11:18:04

QM: BTP12-10-2008-11:34:05

ST: " :06

軌道補正後

Study

20081209 - 11:59:52

u load

(et)

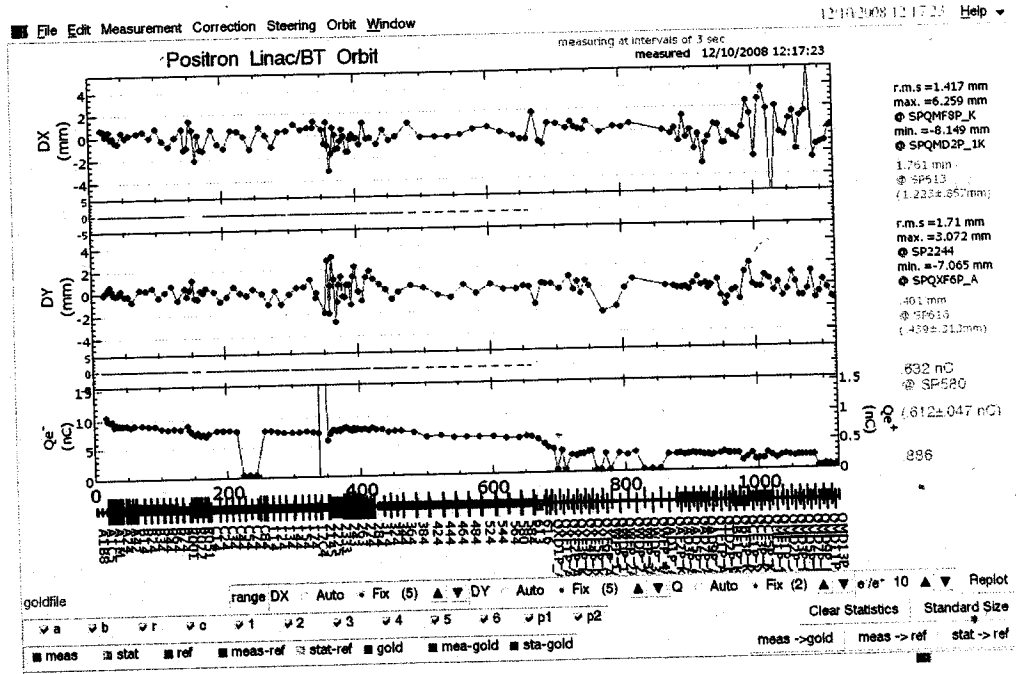
Study

BT, LINAC 軌道補正.

(QM: 12:16:14
ST: BTp12-10-2008-12:15:19

LINAC

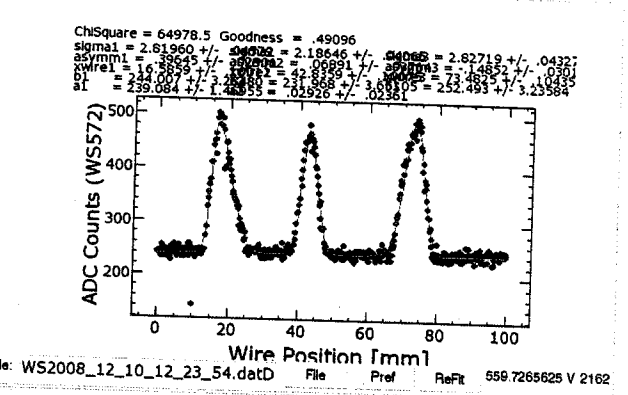
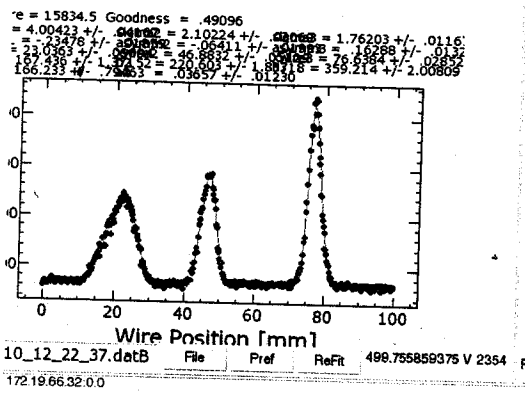
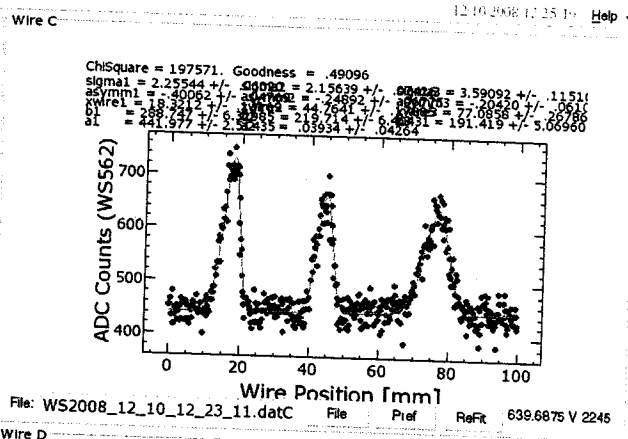
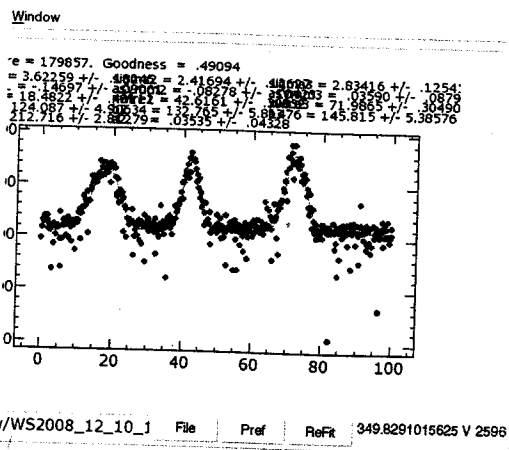
(QM: 20081210-12:17:06
ST: -12:17:08



(et)

Wire Scanner BT

et



File Edit Window

12/10/2008 12:25:07 Help

Wire Scan Optics Calculate Matching

X phase space at Wire A

X phase space at Matching Point

Results of Measurement

β_x @BM611P [m]	32.590	β_x @BM611P [m]	50.509
α_x @BM611P	3.910	α_x @BM611P	-1.497
ϵ_x [m]	2.7405E-7	ϵ_x [m]	6.6583E-8
γ_x [k.m.m.mrad]	1777.513	γ_x [k.m.m.mrad]	431.867
Bmag x:	1.494	Bmag y:	1.438
ϵ Bmag x:	4.0930E-7	ϵ Bmag y:	9.5771E-8
γ Bmag x:	2654.764	γ Bmag y:	621.184

Optics Plot

Y phase space at Wire A

Y phase space at Matching Point

Wire Selection

- 3-wire:ABC
- 3-wire:ABD
- 3-wire:ACD
- 3-wire:BCD
- 4-wire:ABCD

NonLinearFit Err(meas), no n: 0 Err(opt) (%): 0

Calculate Optics Save All Parameters

Omeg values were SAVED to /data1/KEKB/Wire/LINAC/sector5/KEKBp/data/Qvalue/qname_2008_12_10_12_20_29.dat0