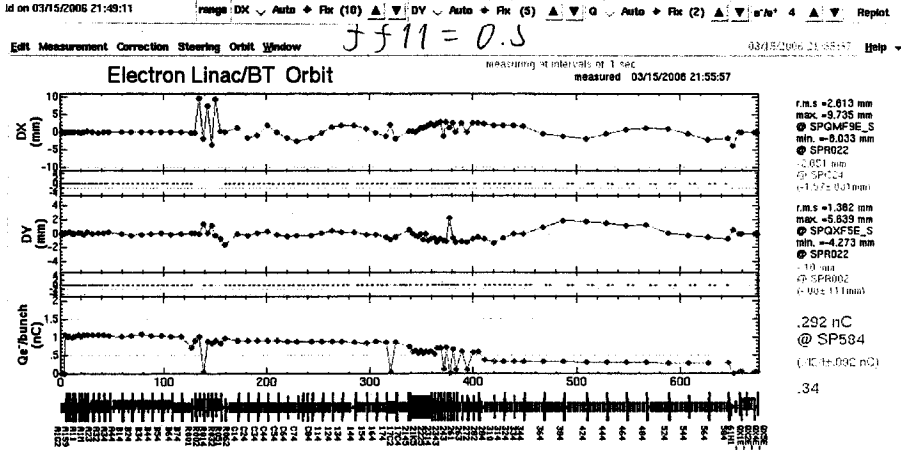
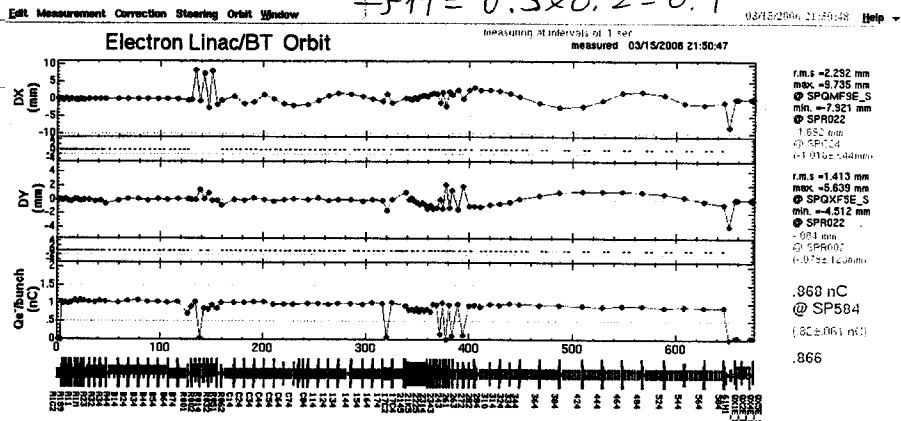


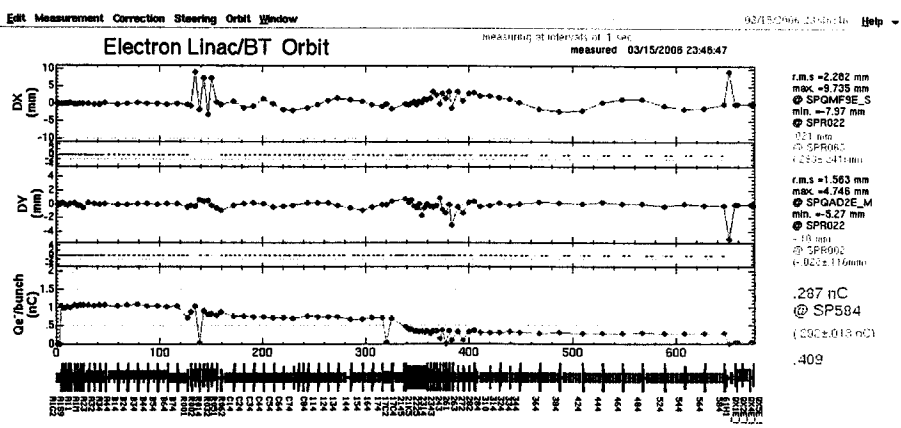
$f\beta 11 = 0.5 \times 0.2 = 0.1$

Dumping factor
 $f\beta 11$

0.1 τ set

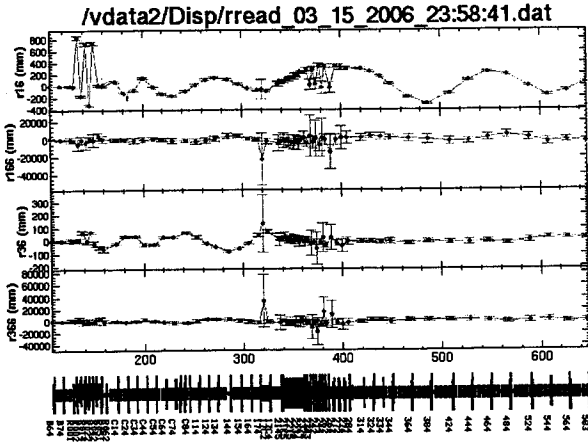


0.5 τ set



0.7 τ set

22
@:00
AR 入射
失敗
23:35
直会



Energy = 1.54577237208 [GeV]

Measurement
 Low energy: 1.5350
 High energy: 1.5566
 Delta energy: .002
 Iterations/step: 10
 Comments: <none>

No Streak Camera Use Streak Camera
 Wait for Streak Camera

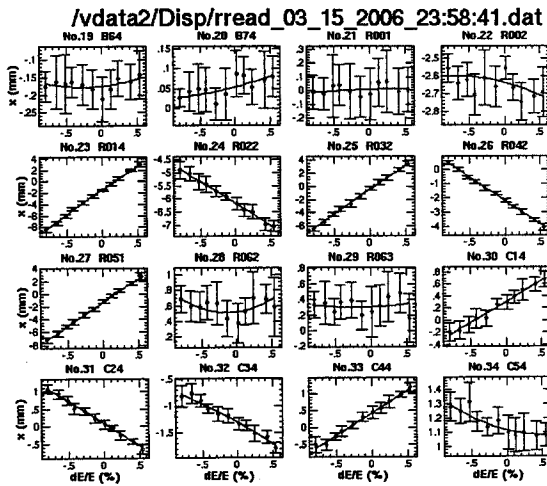
Debugging Mode Execution Mode

Go
 Abort

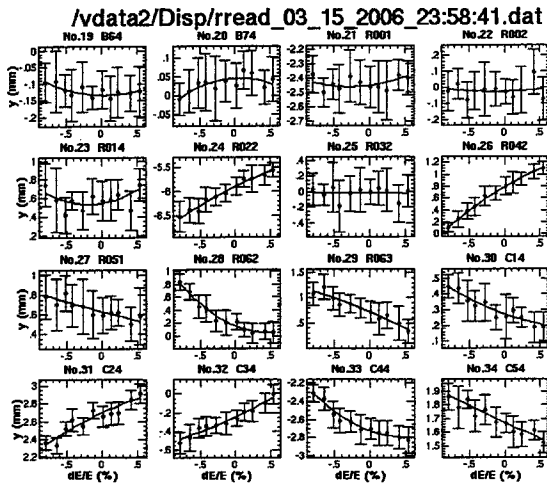
Files
 Load Raw Data File
 Dispersion file: /vdata2/Disp/rmeas_03_15_2006
 Write Dispersion File

Analysis
 <none>
 Drop streak points (1): 0
 Drop streak points (2): 0
 Energy Scale Factor (current): 1
 Energy Scale Factor (replot): .848557262206341
 Energy Offsets (current): 0
 Energy Offsets (replot): 0

測定

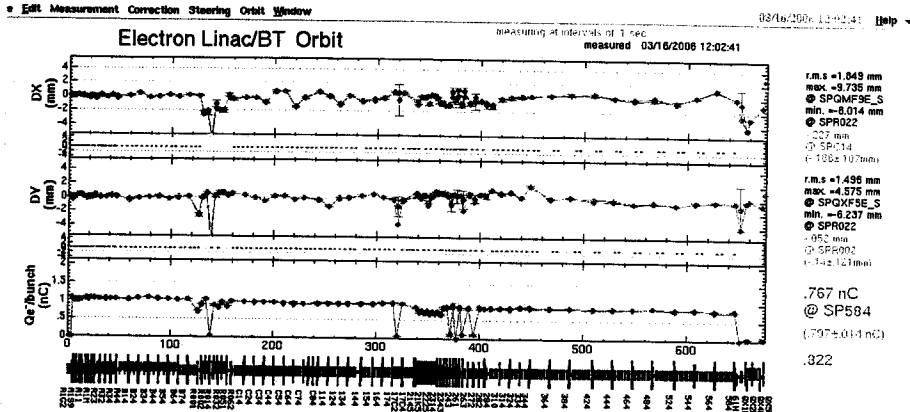


File name
/vdata2/Disp/rmeas_03_15_2006_23:58:41.dat



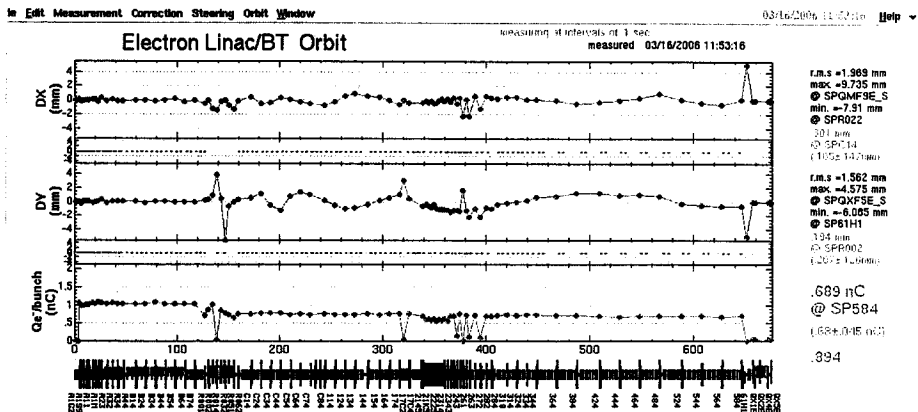
File name
/vdata2/Disp/rmeas_03_15_2006_23:58:41.dat

11:36

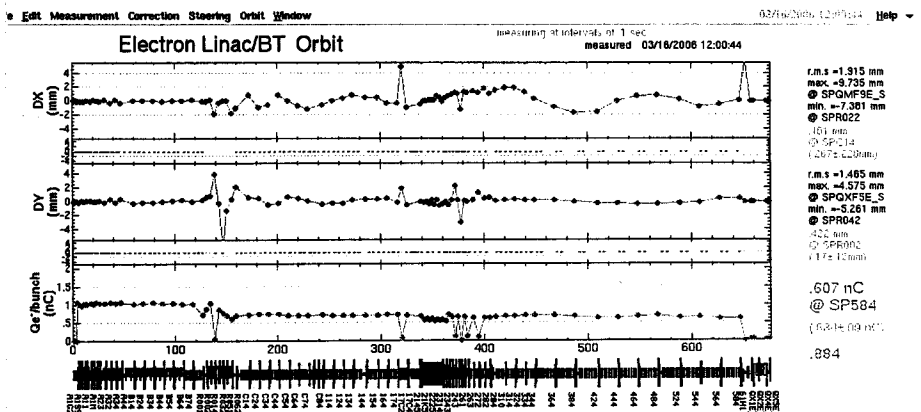


fat. 生軌道

QDR022
~~36.885~~
 37.656
 37.729
 [A]



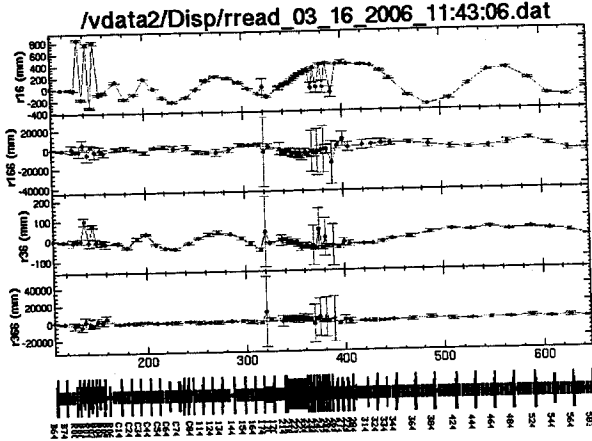
QDR022/42
 37.656
 [A]



37.729
 [A]

12.05

RT Window
136(E) (BPMs) dE/E vs X (BPMs) dE/E vs Y (BPMs) dE/E vs Q (BPMs) R56(E) (Streak Camera) RT



Energy = 1.5447782494 [GeV]

Measurement
 Low energy: 1.5342
 High energy: 1.5558
 Delta energy: .002
 Iterations/step: 10
 Comments: <none>

No Streak Camera Use Streak Camera
 Wait for Streak Camera

Debugging Mode Execution Mode
 Go
 Abort

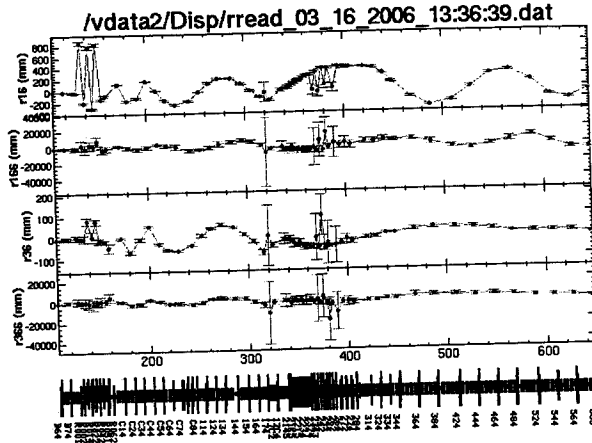
Files
 Load Raw Data File
 Dispersion file: /vdata2/Disp/meas_03_16_2006
 Write Dispersion File

Analysis
 <none>
 Drop streak points (1): 0
 Drop streak points (2): 0
 Energy Scale Factor (current): 1
 Energy Scale Factor (replot): .868542422114189
 Energy Offsets (current): 0
 Energy Offsets (replot): 0

V. 補正前

13:30
再測定

RT Window
136(E) (BPMs) dE/E vs X (BPMs) dE/E vs Y (BPMs) dE/E vs Q (BPMs) R56(E) (Streak Camera) RT



Energy = 1.5452749685 [GeV]

Measurement
 Low energy: 1.5345
 High energy: 1.5561
 Delta energy: .002
 Iterations/step: 10
 Comments: <none>

No Streak Camera Use Streak Camera
 Wait for Streak Camera

Debugging Mode Execution Mode
 Go
 Abort

Files
 Load Raw Data File
 Dispersion file: /vdata2/Disp/meas_03_16_2006
 Write Dispersion File

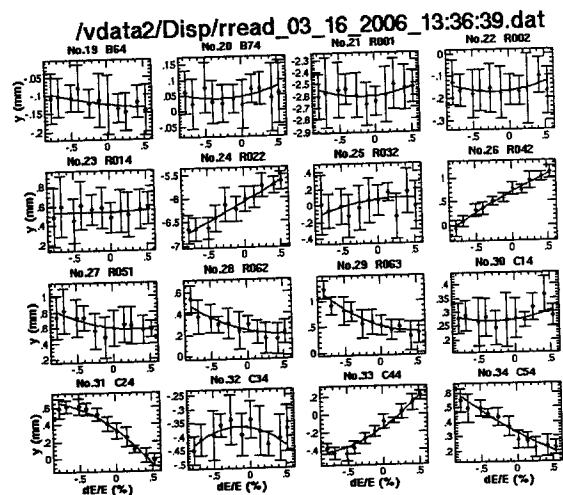
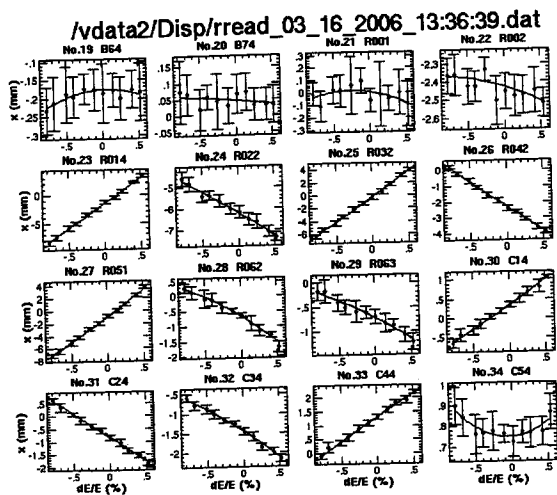
Analysis
 <none>
 Drop streak points (1): 0
 Drop streak points (2): 0
 Energy Scale Factor (current): 1
 Energy Scale Factor (replot): .906224104618014
 Energy Offsets (current): 0
 Energy Offsets (replot): 0

Replot

V. 補正後

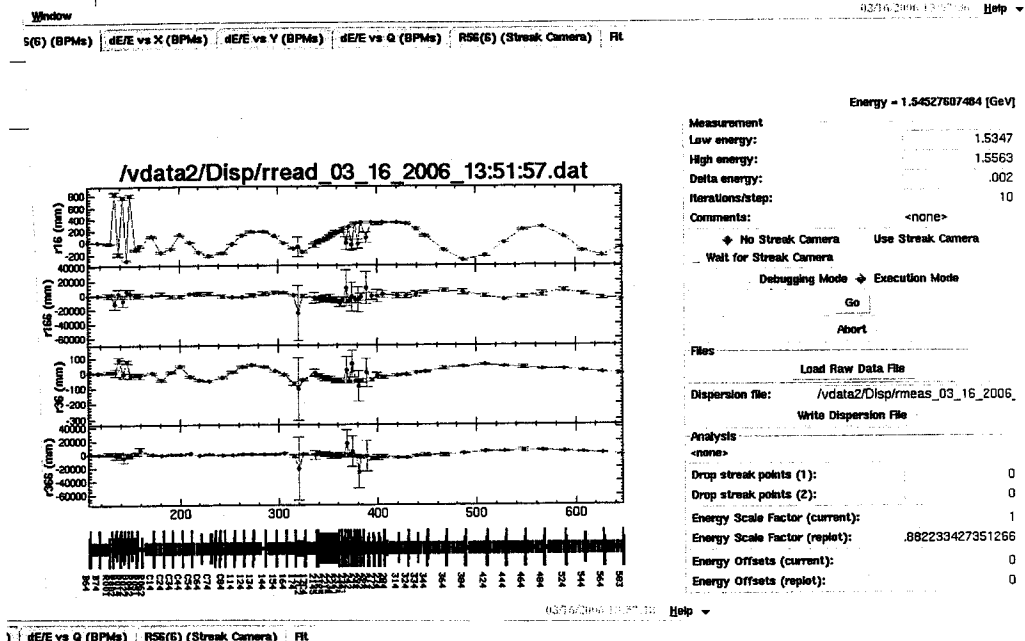
dE/E vs Y (BPMs) dE/E vs Q (BPMs) R56(E) (Streak Camera) RT

dE/E vs Y (BPMs) dE/E vs Q (BPMs) R56(E) (Streak Camera) RT

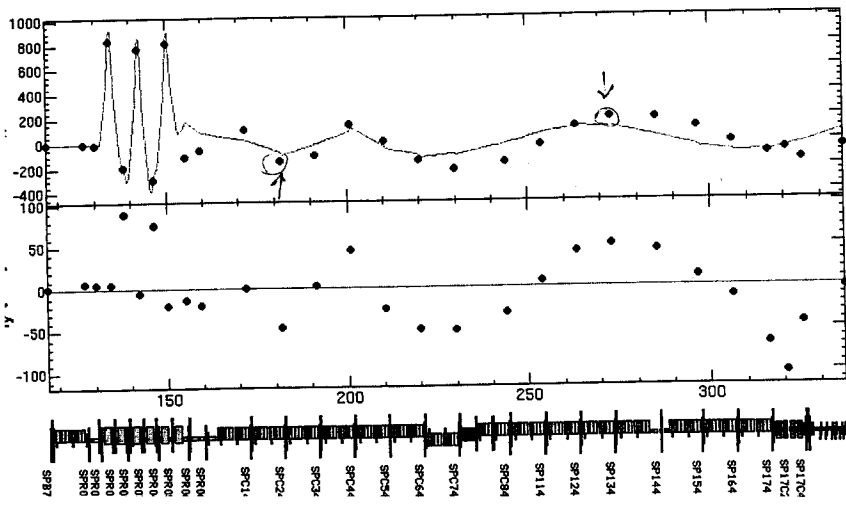
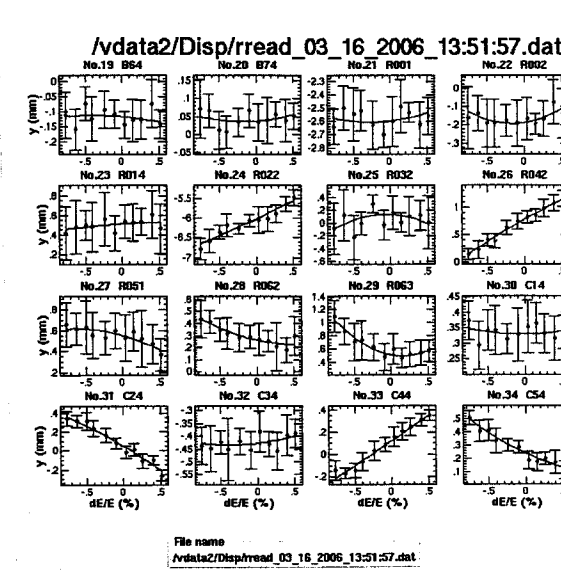
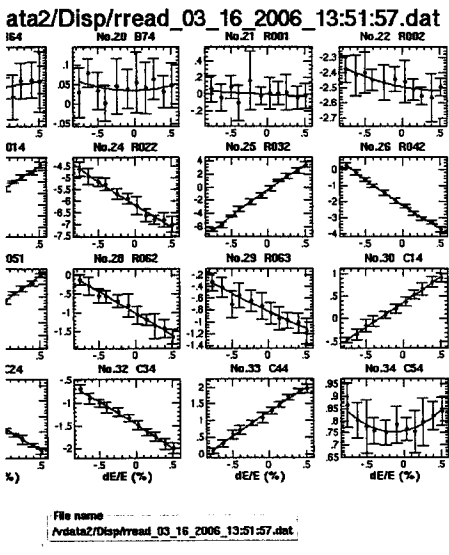


File name
/vdata2/Disp/read_03_16_2006_13:36:39.dat

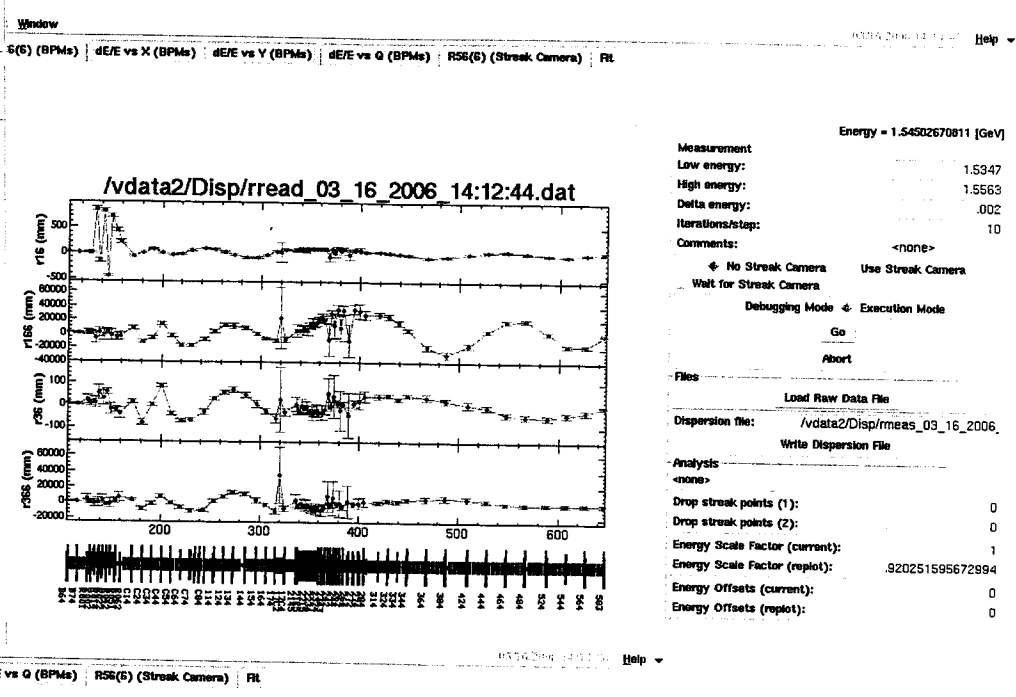
File name
/vdata2/Disp/read_03_16_2006_13:36:39.dat



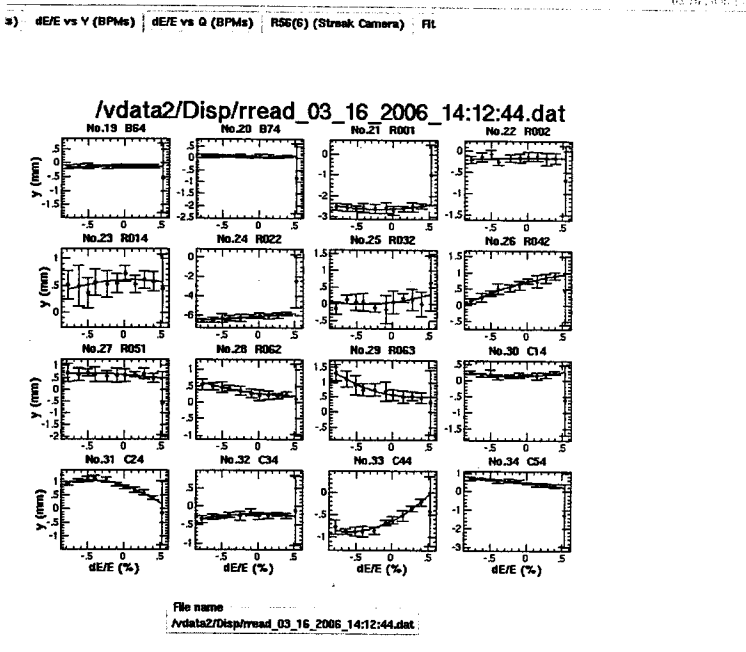
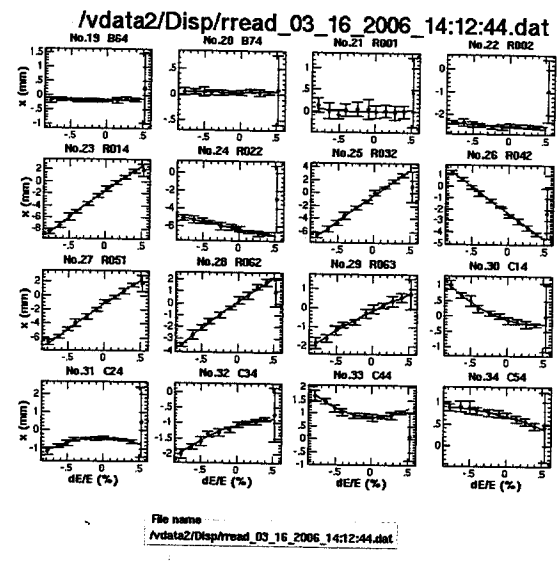
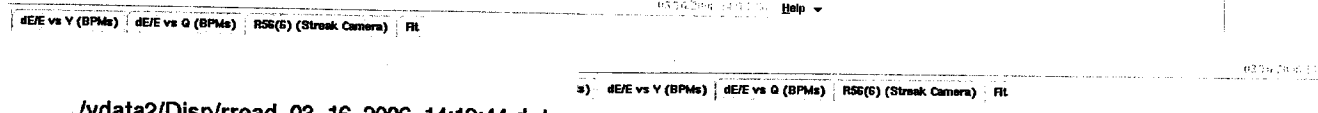
427
 EL2の3分
 補正
 43
 SPC24 &
 SP134
 $\eta_x = 0.12$



"discor"
 2006-3-16-
 14-2-48"
 $ff_{11} = 0.5$
 "discor"
 2006-3-16-
 14-2-48"



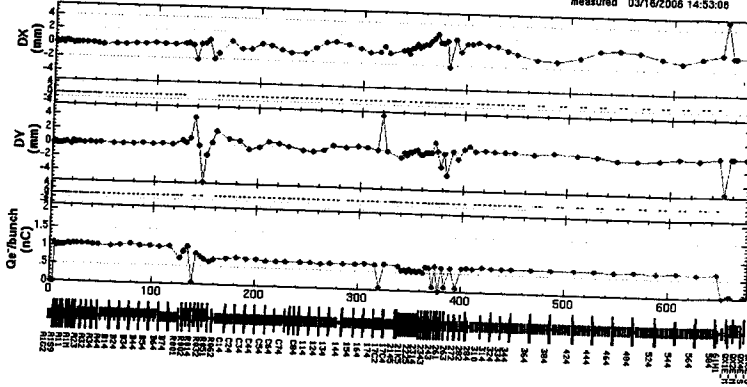
修正後
H.方向は
さらに
修正を打
てる。



JArc 磁石の Standardize 7.0556 に 1.19.
→ fixed by 横とL
再度、運転値に set.
(初期化して)

Electron Linac/BT Orbit

measuring at intervals of 1 sec
measured 03/16/2006 14:53:00



r.m.s = 2.022 mm
max = 9.735 mm
SPQMF9E_S
min = -7.775 mm
SPR022
1.540 mm
SPR063
0.9762 2924mm

r.m.s = 1.588 mm
max = 3.32 mm
SPQ02E_M
min = -4.815 mm
SPR042
1.151 mm
SPC14
0.7132 2924mm

.638 nC
@ SP584
(716 ± 0.05 nC)

.9

QDR022

37.656



37.729

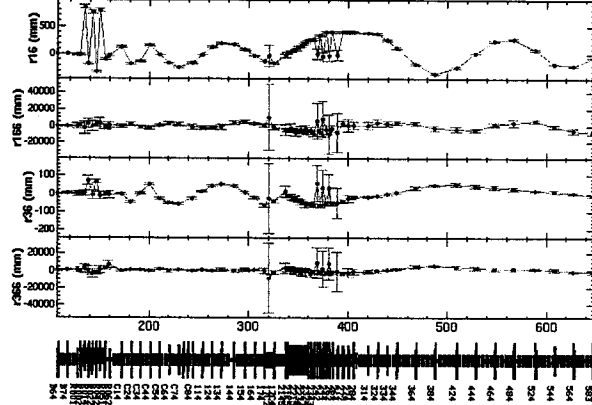
[CA]

Window

03/16/2006 15:01:15 Help

(f5) (BPMs) dE/E vs X (BPMs) dE/E vs Y (BPMs) dE/E vs Q (BPMs) R56(f5) (Streak Camera) FT

/vdata2/Disp/rread 03_16_2006_15:01:15.dat



Energy = 1.5477822494 [GeV]

Measurement

Low energy: 1.5347

High energy: 1.5563

Delta energy: .002

Iterations/step: 10

Comments: <none>

No Streak Camera Use Streak Camera

Wait for Streak Camera

Debugging Mode Execution Mode

Go

Abort

Files

Load Raw Data File

Dispersion file: /vdata2/Disp/meas_03_16_2006

Write Dispersion File

Analysis

<none>

Drop streak points (1): 0

Drop streak points (2): 0

Energy Scale Factor (current): 1

Energy Scale Factor (replot): .871006328700281

Energy Offsets (current): 0

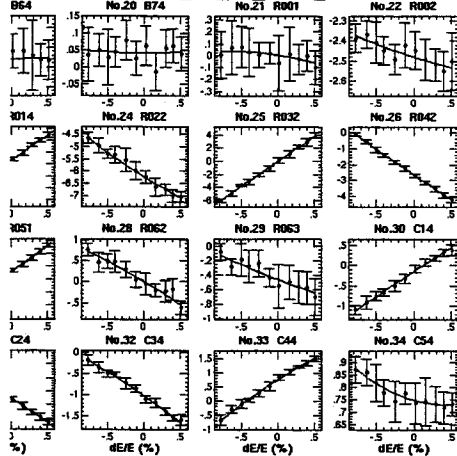
Energy Offsets (replot): 0

Replot

dE/E vs Q (BPMs) R56(f5) (Streak Camera) FT

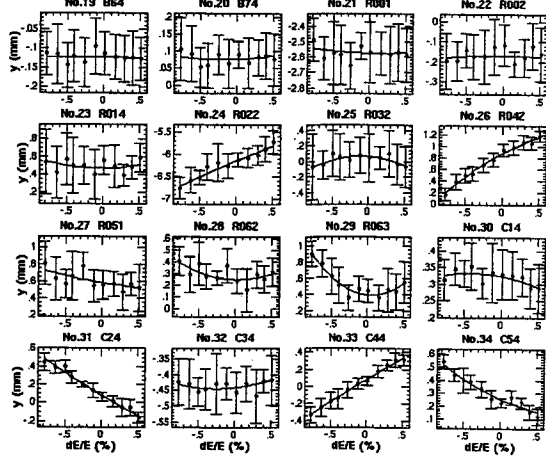
dE/E vs Y (BPMs) dE/E vs Q (BPMs) R56(f5) (Streak Camera) FT

/vdata2/Disp/rread 03_16_2006_15:01:15.dat

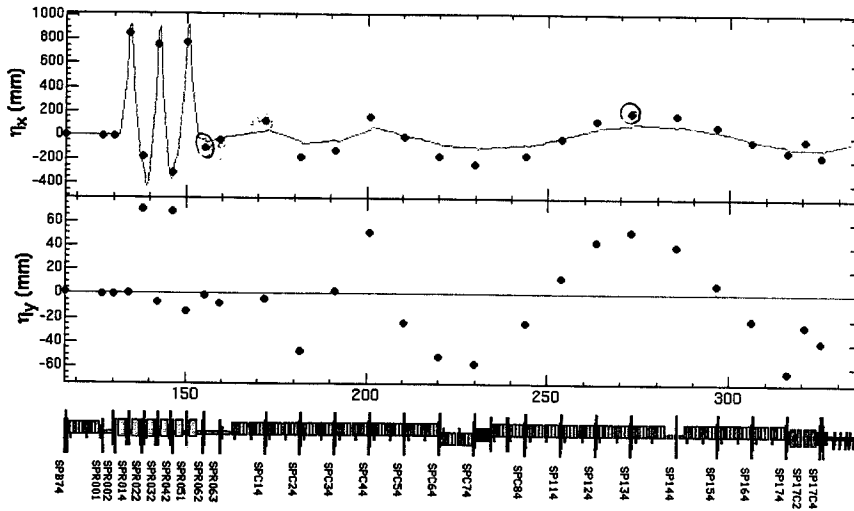


File name /vdata2/Disp/rread_03_16_2006_15:01:15.dat

/vdata2/Disp/rread 03_16_2006_15:01:15.dat



File name /vdata2/Disp/rread_03_16_2006_15:01:15.dat



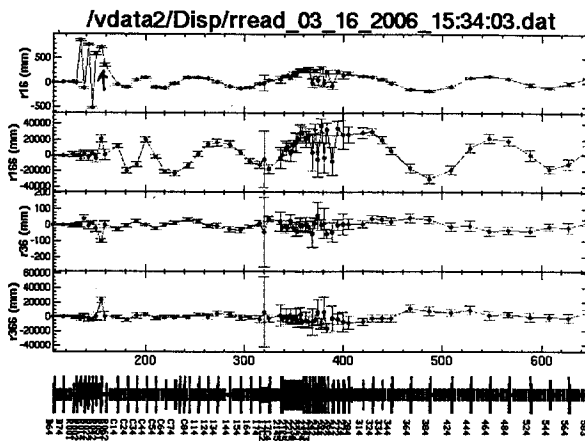
disor-2006-
3-16
15-14-11"
(1-corr2)

Window

03/16/2006 15:14:41

Help

IS(S) (BPMs) | dE/E vs X (BPMs) | dE/E vs Y (BPMs) | dE/E vs Q (BPMs) | RSE(S) (Streak Camera) | FIT



Energy = 1.54602151906 [GeV]

Measurement

Low energy: 1.5347

High energy: 1.5563

Delta energy: .002

Iterations/step: 10

Comments: <none>

No Streak Camera Use Streak Camera

Wait for Streak Camera

Debugging Mode Execution Mode

Go

Abort

Files

Load Raw Data File

Dispersion file: /vdata2/Disp/rmeas_03_16_2006_

Write Dispersion File

Analysis

<none>

Drop streak points (1): 0

Drop streak points (2): 0

Energy Scale Factor (current): 1

Energy Scale Factor (replot): .911395415150506

Energy Offsets (current): 0

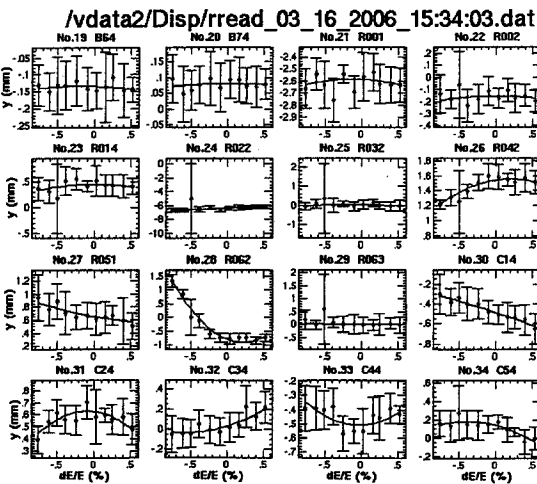
Energy Offsets (replot): 0

Default

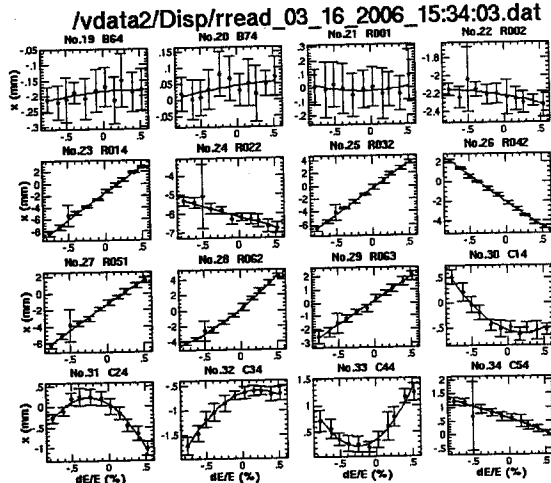
BM-CDP9

dE/E vs Y (BPMs) | dE/E vs Q (BPMs) | RSE(S) (Streak Camera) | FIT

dE/E vs Y (BPMs) | dE/E vs Q (BPMs) | RSE(S) (Streak Camera) | FIT



File name
/vdata2/Disp/rrad_03_16_2006_15:34:03.dat



File name
/vdata2/Disp/rrad_03_16_2006_15:34:03.dat

99

grep BY-R ~farukawa/tbl/mgbtbl.tbl (←)

BY-R ϕ - ϕ 1 0.415 1 ϕ 0.023 0 0 0

⋮

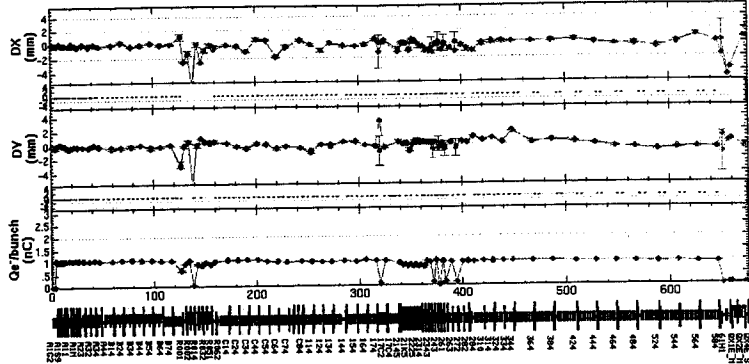
↑

K值 → 電流值.

measuring at intervals of 1 sec

measured 03/16/2006 17:49:46

Electron Linac/BT Orbit



r.m.s = 1.939 mm
 max = 3.735 mm
 @ SPGMFSE_S
 min = -0.299 mm
 @ SPR022
 - 254 mm
 @ SPR003
 (-496 ± 2.55mm)

r.m.s = 1.580 mm
 max = 3.32 mm
 @ SPQADSE_M
 min = -0.163 mm
 @ SPR022
 327 mm
 @ SPQ14
 (-347 ± 14mm)

1.012 nC
 @ SPA1C5
 (1.013 ± 0.003 nC)

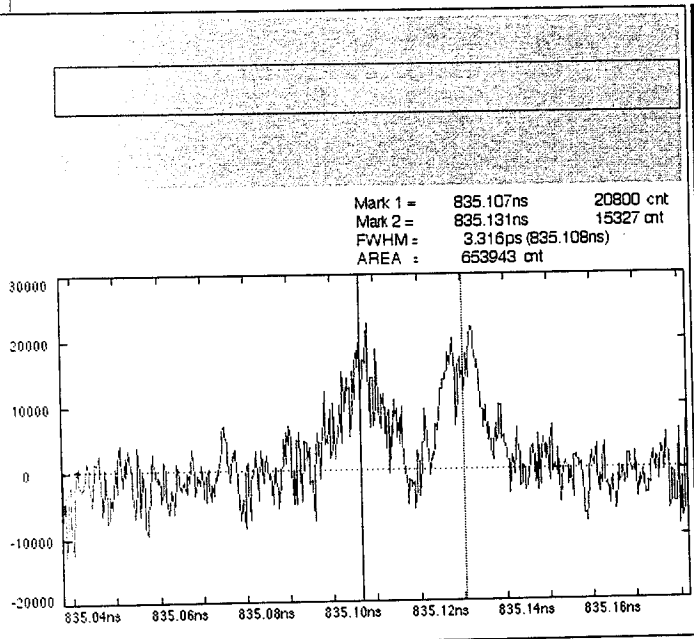
1.012

meas->gold on 03/15/2006 21:49:11

range: DX Auto Fbx (5) DV Auto Fbx (5) G Auto Fbx (3) e/r 4 Replot

Clear Statistics Standard Size

meas stat ref meas-ref stat-ref gold mea-gold sta-gold
 Hard Copy



Live Time 30 pulse

Accum.Time 150 pulse

Control the Streak Camera

D-Sweep Range 0.2ns

MCP Gain 100 %

Delay 733.64 ns

Search pulse: 5000 cnt.

Input Optics

Focus: Open

Slit Width: 100 um

Gravity Integ. Inq Noise

Table... Quit Do It

Image Status

<< Condition : BeamC6699_21 >>

Accum.Time 150 pulse

Mcp Gain 100[%]

Streak Mode 0.20[NS]

Streak Trigger SINGLE

R:-0.240 V: 0.120 Z: 7.1840

DC Calibration ON

DATE 2006:03:16

TIME 17:19:44

<< Comment >>

(Bandpass 1)

Gallery

Left -0.720 mm Right

Down -1.418 mm Top

Near 4.872 mm Far

Tunnel

Left -4.048 mm Right

Down 1.978 mm Top

Near 5.074 mm Far

Filter: No Filter

Filter... Load from... Save as...

Quit Load Def. Save Def.



Timberly Sender