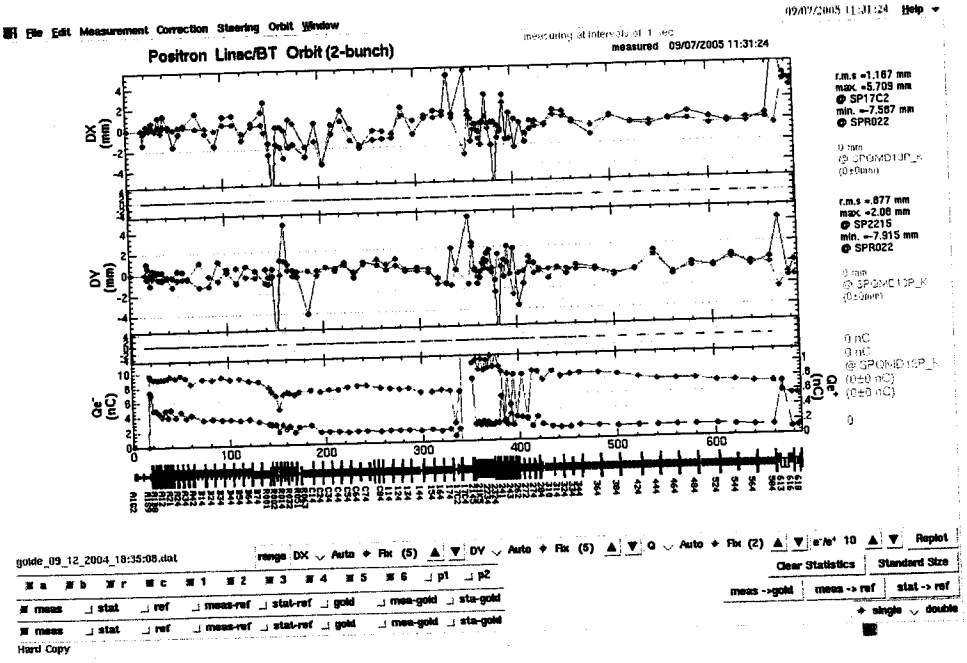
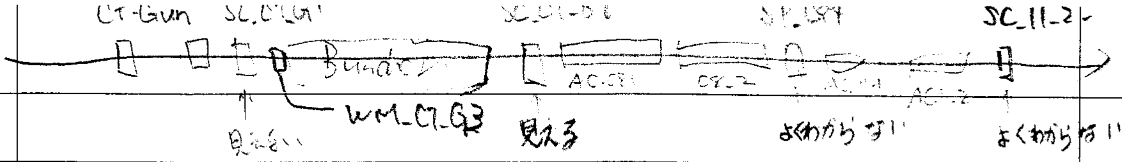
ビーム確認OK

11:34 Bセクタ W.S. 動作確認 ⇒ OK





BM_CT_G0 2.049 → 2.226.

13:21 BMCT_G0 2.226 → 2.067 → 2.145.

SY_CT_G0 −0.6A → −0.602.

Linac / BTe Orbit. CT 以降データが変化していない. RAS Reset 1B. しても様子かわらず

Beam sync Panel で PF 同期をすると 全KLY Down.

BM_CT_G0 2.070 → 2.145
SY_CT_G5 −0.040 → −0.040 (元)

KL_CT Plus 361.8 → 217.0.

~~CT_GUN Delay~~

KL_CT Timing 14524 → 14924

BM_CT_G0 2.079 → 2.067
SPC84 が MAX.

WM_CT_G8 をみながら KL_CT Phase. ⇒ 元値.

BM_CT_G0 2.067 → 2.096

FC_CT_G123 12.005 → 9.605

BM_CT_G0 2.096 → 2.145

FC_CT_G1/2/3 9.607

FC_CT_G4/5/6 11.009 → 元

FC_CT_G7/8 ~~9.26~~ 9.265 → 9.863

FC_CT_P1/2 19.906 → 元

FC_CT_B1/2 19.017 → 元

FC_CT_B3/4/5 19.923 → 元

FC_CT_B7/8/9 29.085 → 元

{ BM~~FC~~_CT_G0 2145 → 2.082

FC_CT_G1/2/3 9.607 → 元

ML_CT_G 2.668 → 1.868 }

SC_26_3 SCが光りすぎ → KL_26 E_S → ~~38.01~~ 39.0kL

KL_CT Phase 216.5 → 226.5

FC_CT_G1/2/3 9.607 → 8.807

SX_CT_G0 0.001 → -0.399

SY_CT_G0 -0.602 → -0.802

SX_CT_G5 0.040 → 0.140

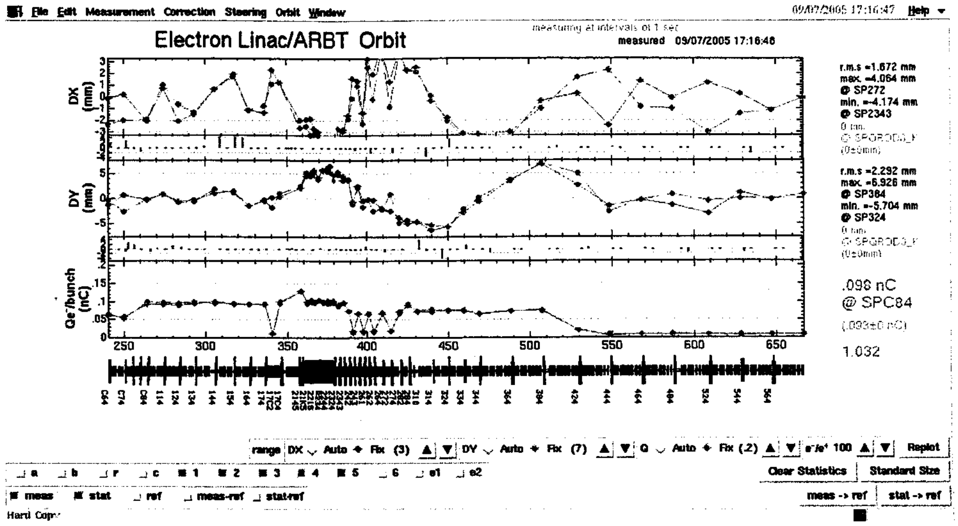
SY_CT_G5 -0.043 → 元

ML_CT_G 1.868 → 1.848

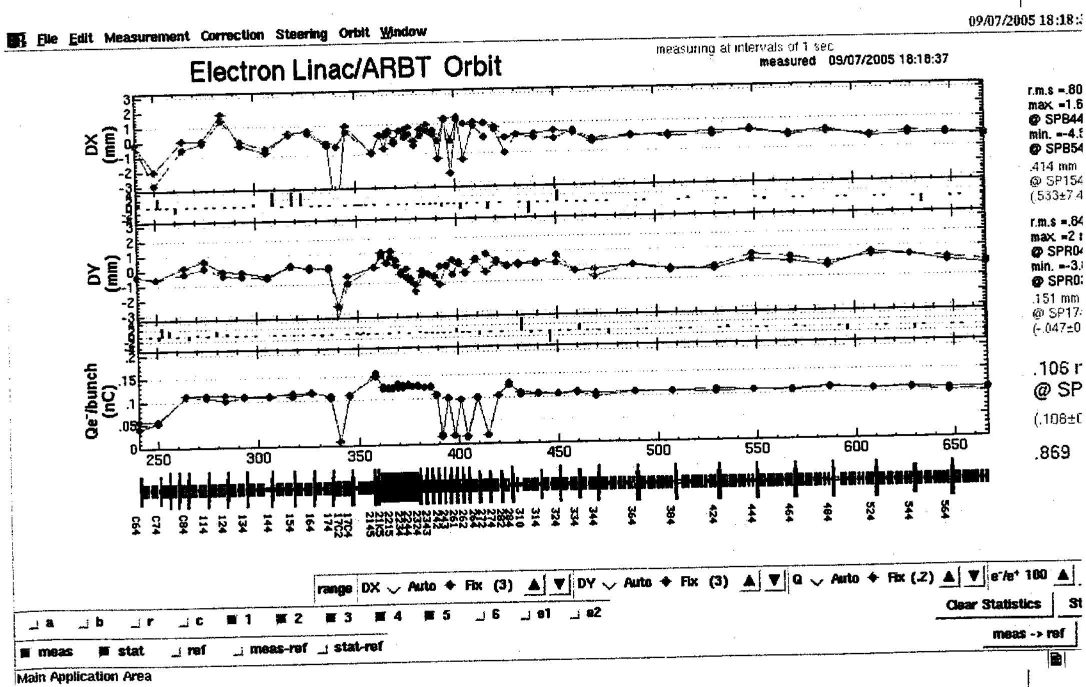
BM_CT_G0 2.082 → 元

KL_CT Es 31.0kV → 31.5kV

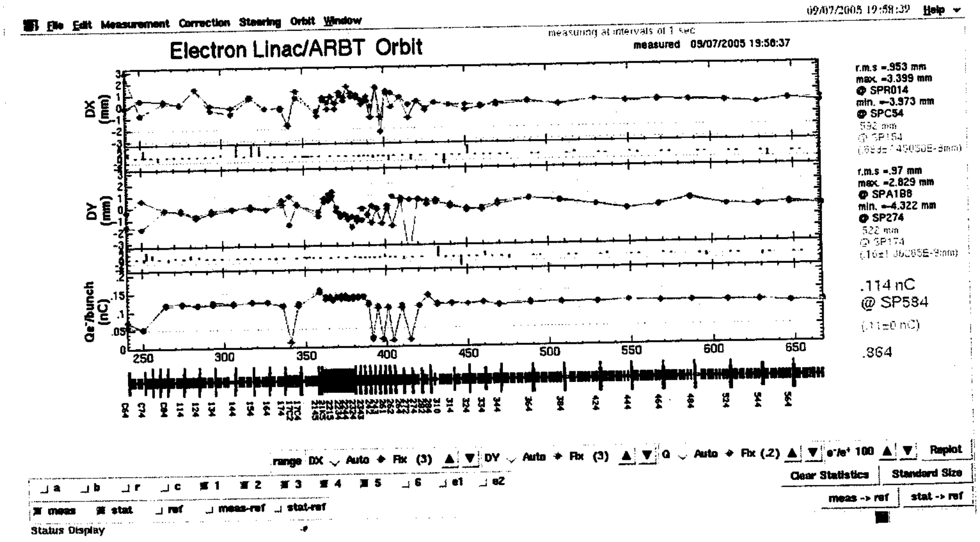
KL_CT Phase 226.4 → 224.4



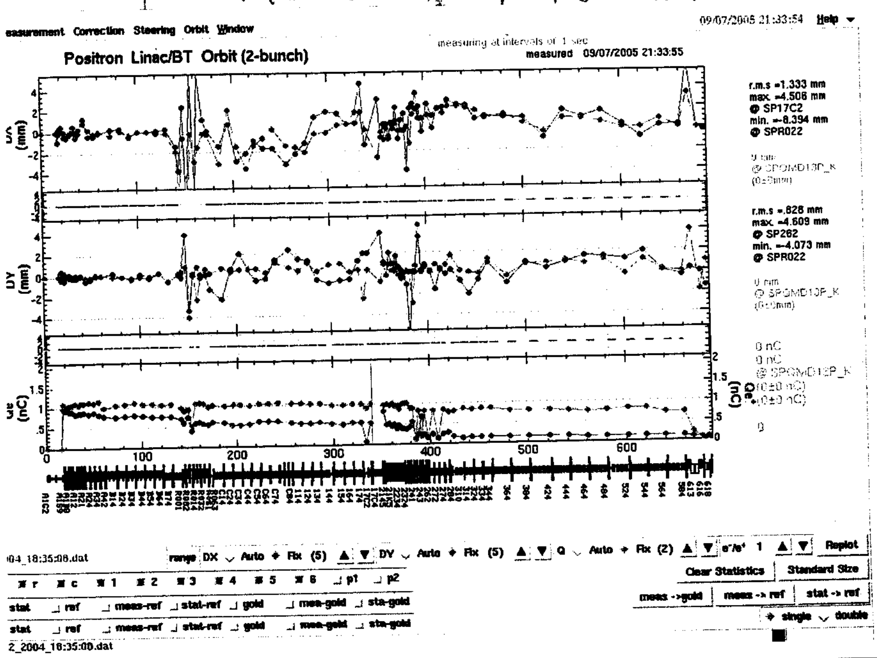
17:21 · AR beam 開始

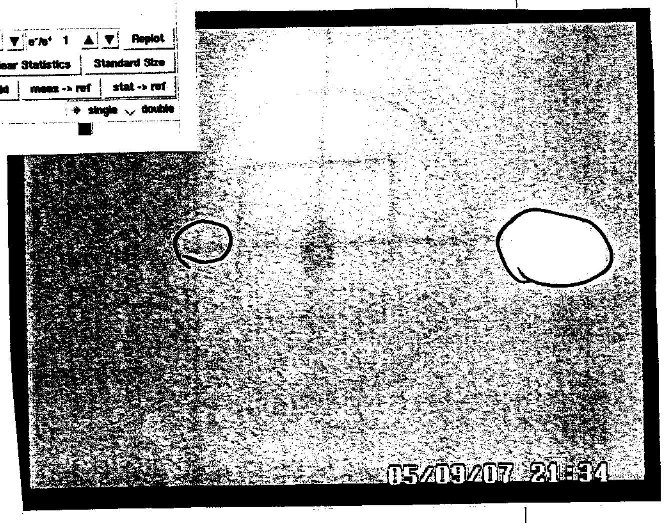


19:58 PF Beam 調整

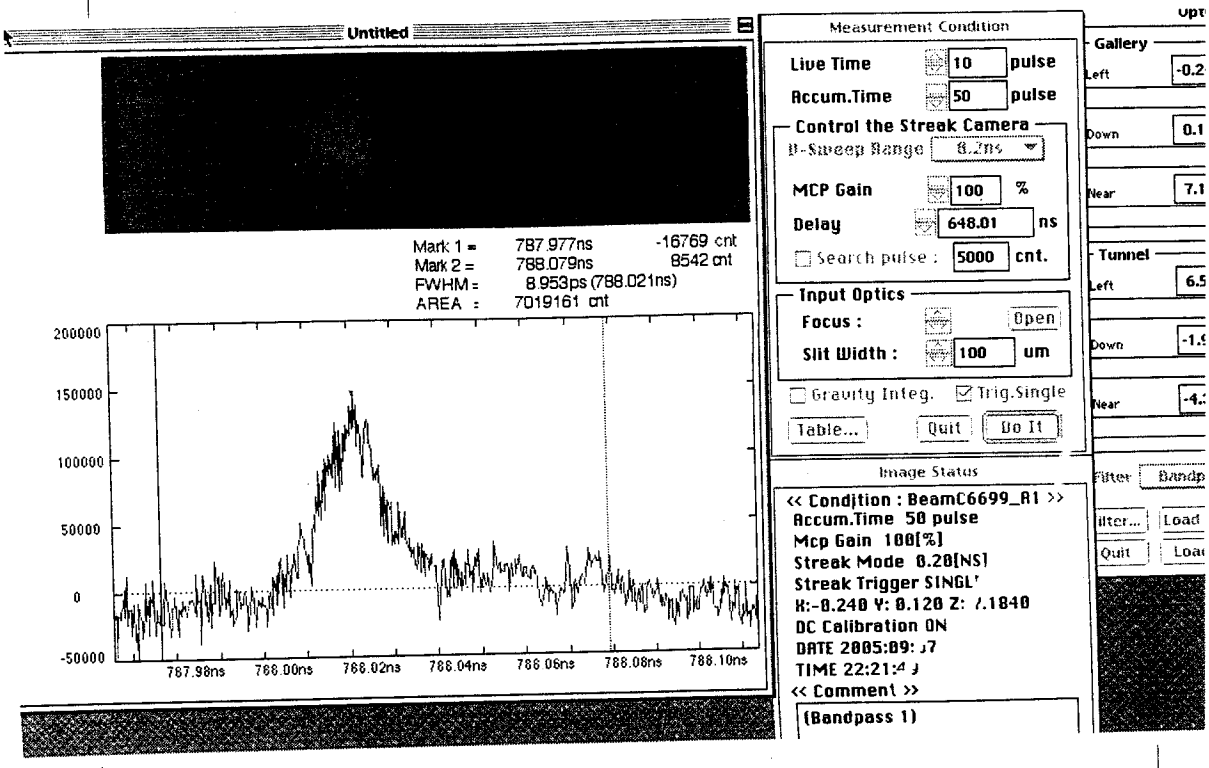


KEKB e^- 2バンチ打ち成功

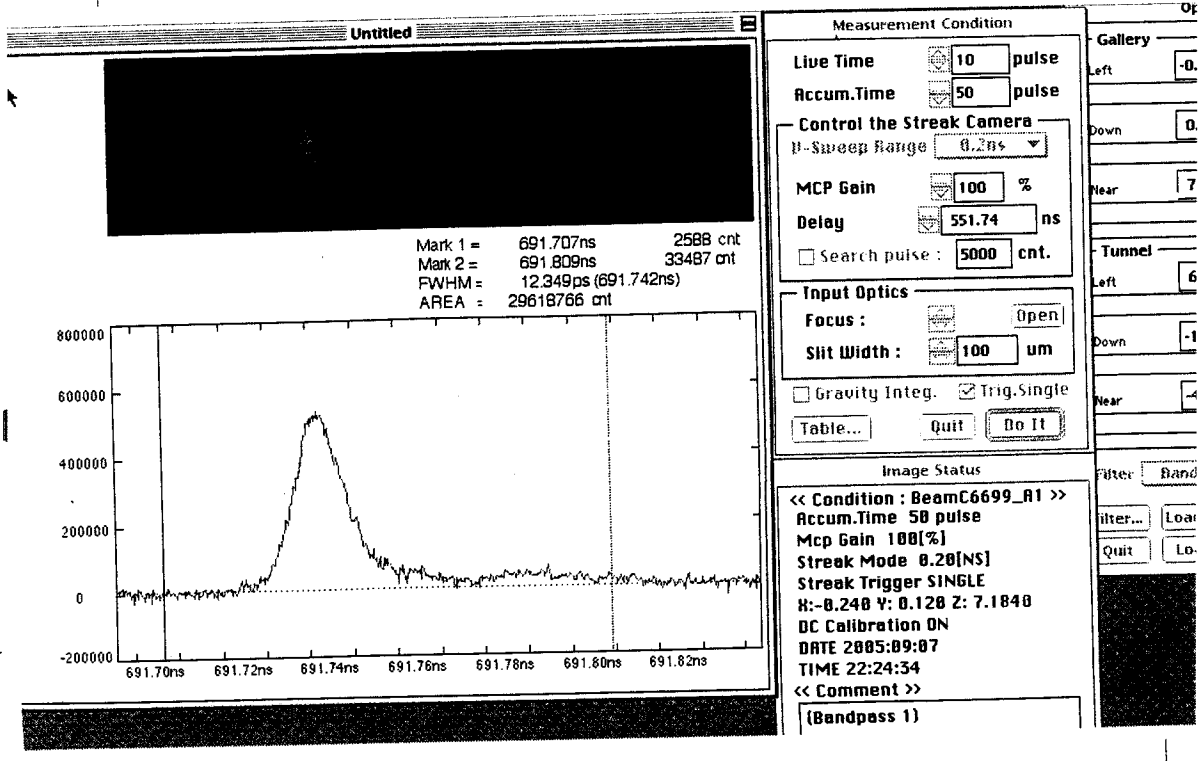




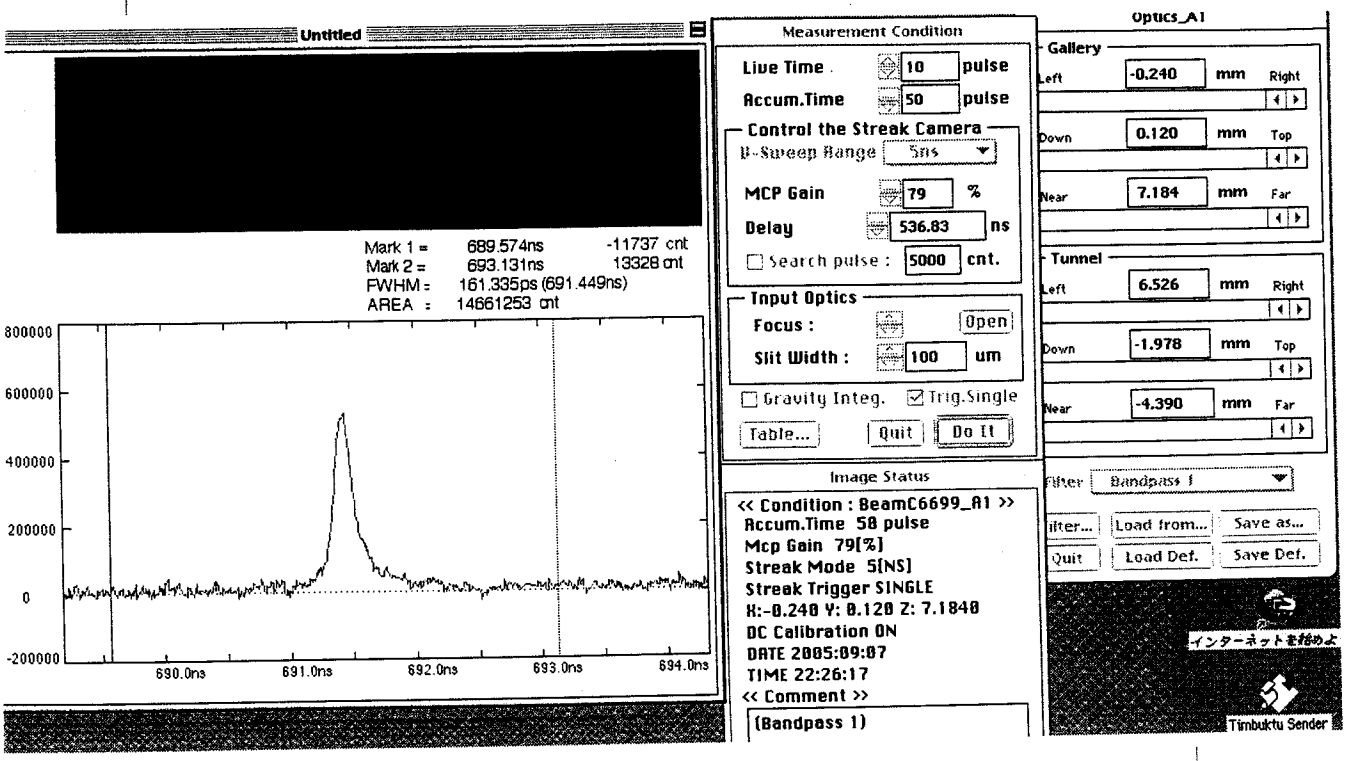
e^+ 2バンチ目



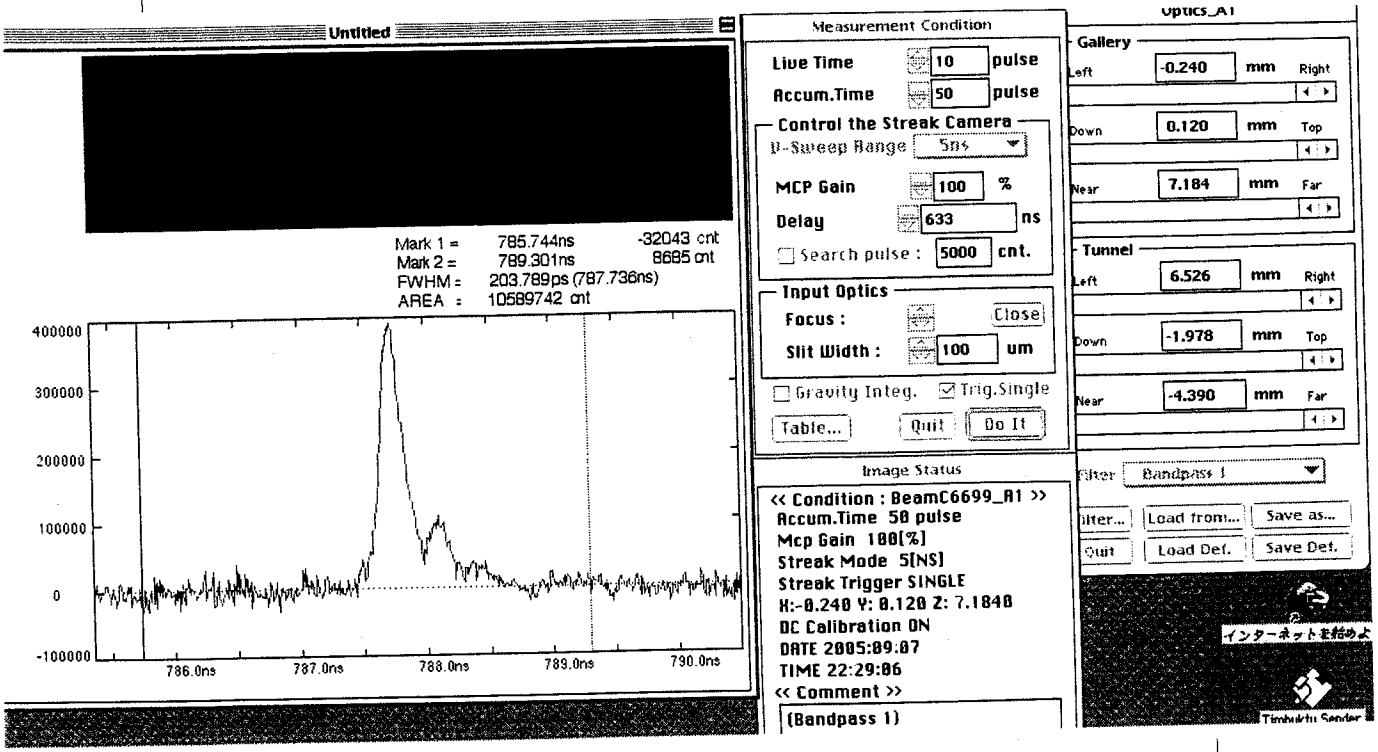
e^+ 1バンチ目



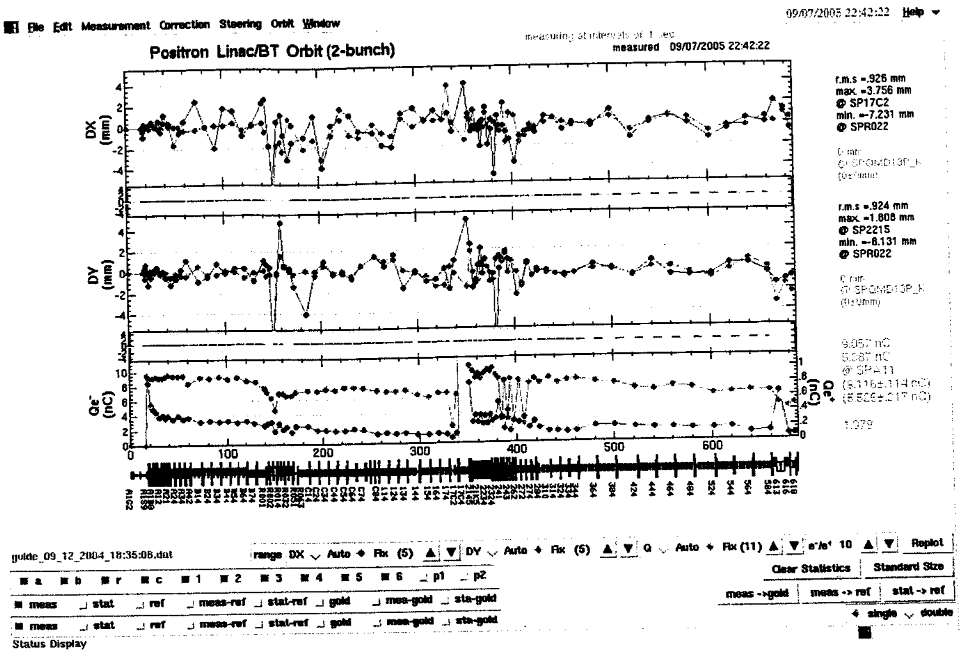
e+ 1バンチ


Untitled
Mark 1 = 689.574ns -11737 cnt
Mark 2 = 693.131ns 13328 cnt
FWHM = 161.335ps (691.449ns)
AREA : 14661253 cnt
800000
600000
400000
200000
0
-200000
690.0ns
691.0ns
692.0ns
693.0ns
694.0ns
Measurement Condition
Live Time 10 pulse
Accum.Time 50 pulse
Control the Streak Camera
U-Sweep Range 5ns
MCP Gain 79 %
Delay 536.83 ns
Search pulse : 5000 cnt.
Input Optics
Focus : Open
Slit Width : 100 um
Gravity Integ. Trig.Single
Table... Quit Do It
Image Status
<< Condition : BeamC6699_A1 >>
Accum.Time 50 pulse
Mcp Gain 79[%]
Streak Mode 5[NS]
Streak Trigger SINGLE
H:-0.240 V: 0.120 Z: 7.1840
DC Calibration ON
DATE 2005:09:07
TIME 22:26:17
<< Comment >>
(Bandpass 1)
Optics_A1
Gallery
Left -0.240 mm Right
Down 0.120 mm Top
Near 7.184 mm Far
Tunnel
Left 6.526 mm Right
Down -1.978 mm Top
Near -4.390 mm Far
Filter Bandpass 1
Load from... Save as...
Quit Load Def. Save Def.
インターネットを始めよ
Timbuktu Sender

e+ 2バンチ


Untitled
Mark 1 = 785.744ns -32043 cnt
Mark 2 = 789.301ns 8685 cnt
FWHM = 203.789ps (787.736ns)
AREA : 10589742 cnt
400000
300000
200000
100000
0
-100000
786.0ns
787.0ns
788.0ns
789.0ns
790.0ns
Measurement Condition
Live Time 10 pulse
Accum.Time 50 pulse
Control the Streak Camera
U-Sweep Range 5ns
MCP Gain 100 %
Delay 633 ns
Search pulse : 5000 cnt.
Input Optics
Focus : Close
Slit Width : 100 um
Gravity Integ. Trig.Single
Table... Quit Do It
Image Status
<< Condition : BeamC6699_A1 >>
Accum.Time 50 pulse
Mcp Gain 100[%]
Streak Mode 5[NS]
Streak Trigger SINGLE
H:-0.240 V: 0.120 Z: 7.1840
DC Calibration ON
DATE 2005:09:07
TIME 22:29:06
<< Comment >>
(Bandpass 1)
Optics_A1
Gallery
Left -0.240 mm Right
Down 0.120 mm Top
Near 7.184 mm Far
Tunnel
Left 6.526 mm Right
Down -1.978 mm Top
Near -4.390 mm Far
Filter Bandpass 1
Load from... Save as...
Quit Load Def. Save Def.
インターネットを始めよ
Timbuktu Sender

e+ 2バンチ



2バンチ目が大きくロスしている

A1の最初の加速管のあと.

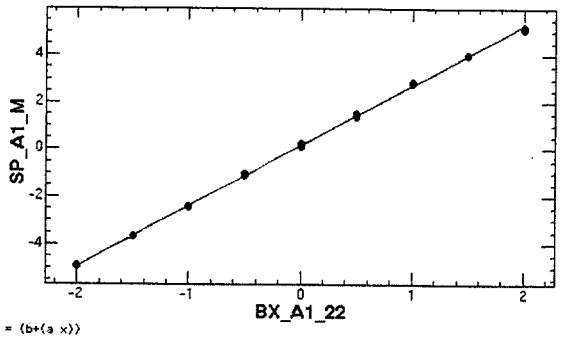
⇨ A1_RFのtimingを動かそうとするが、動いていないようだ
(エネルギーが異なると考えて)

[矢野氏にメールで問合わせ中]

e^+ 2bunch

File Edit Window 09/07/2005 23:11:14 Help

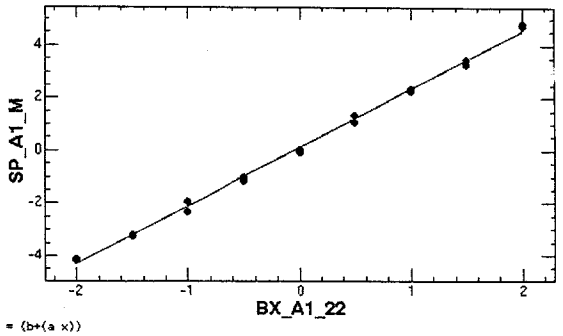
ChiSquare = .10040 Goodness = .45296
a = 2.55027 +/- .01446 b = .17772 +/- .01867



Function = (b+(a x))

Energy at A1_B8 : 5.90134365033722 MeV

ChiSquare = .36094 Goodness = .45296
a = 2.22645 +/- .02742 b = .12433 +/- .03540

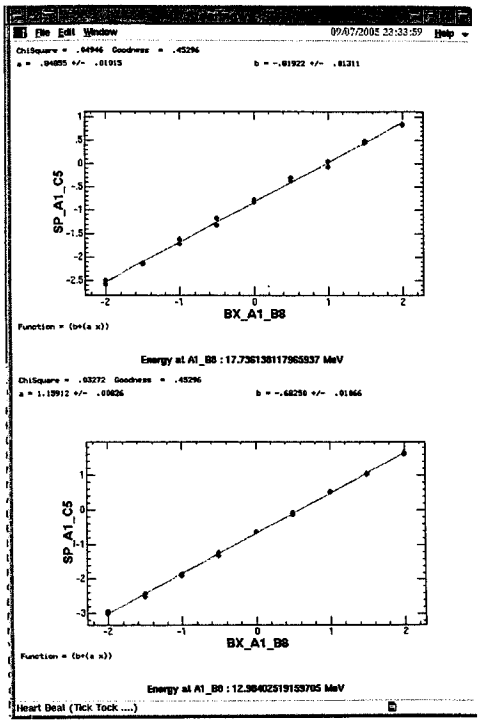


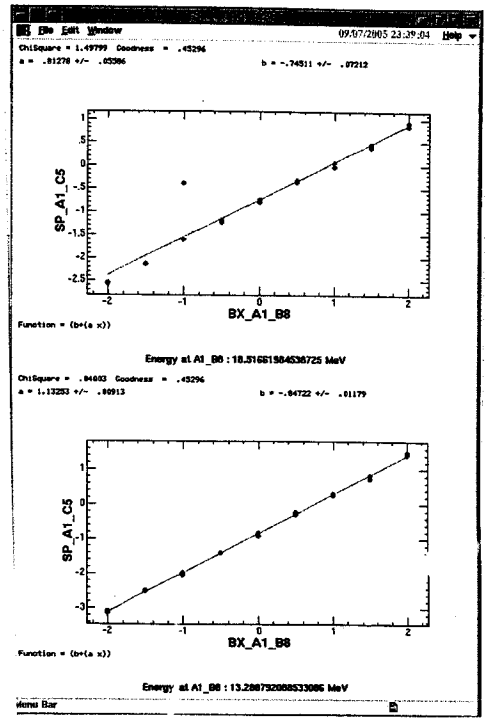
Function = (b+(a x))

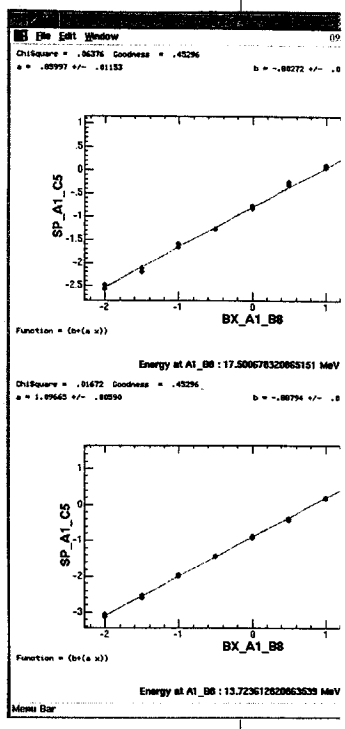
Energy at A1_B8 : 6.759639785308452 MeV

Main Application Area

e+ Delay2 = 2.200 2.250 2.300







2.350 2.400 2.450