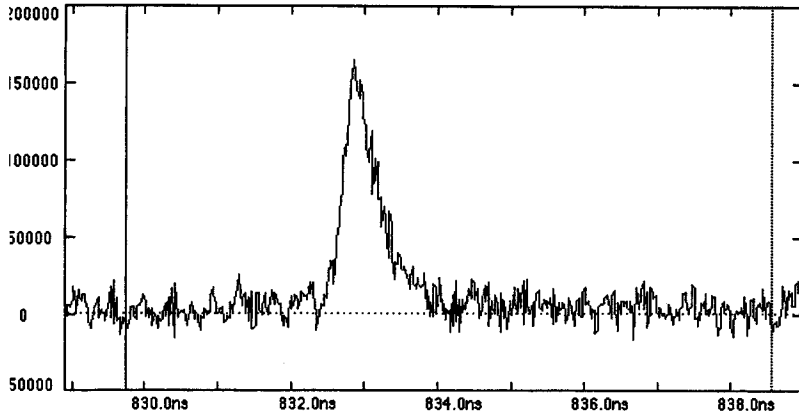


Mark 1 = 829.752ns -3434 cnt
 Mark 2 = 838.568ns -4828 cnt
 FWHM = 399.568ps (832.880ns)
 AREA = 5958611 cnt



Live Time pulse
 Accum.Time pulse

Control the Streak Camera
 U-Sweep Range
 MCP Gain %
 Delay ns
 Search pulse : cnt.

Input Optics
 Focus :
 Slit Width : um

Gravity Integ. Trig.Single

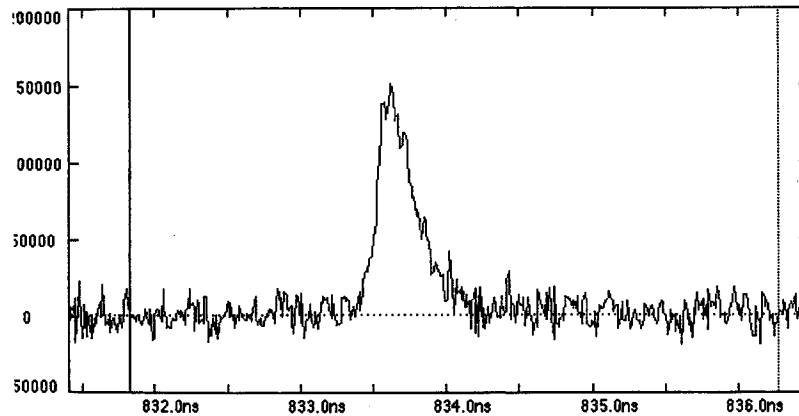
Image Status

<< Condition : BeamC6699_21 >>
 Accum.Time 100 pulse
 Mcp Gain 100[%]
 Streak Mode 10[NS]
 Streak Trigger SINGLE
 X:-0.720 Y:-1.918 Z: 5.4720
 DC Calibration ON
 DATE 2005:03:01
 TIME 16:55:45
 << Comment >>

(No Filter)



Mark 1 = 831.832ns 5228 cnt
 Mark 2 = 836.279ns 1115 cnt
 FWHM = 264.185ps (833.632ns)
 AREA = 4979351 cnt



Live Time pulse
 Accum.Time pulse

Control the Streak Camera
 U-Sweep Range
 MCP Gain %
 Delay ns
 Search pulse : cnt.

Input Optics
 Focus :
 Slit Width : um

Gravity Integ. Trig.Single

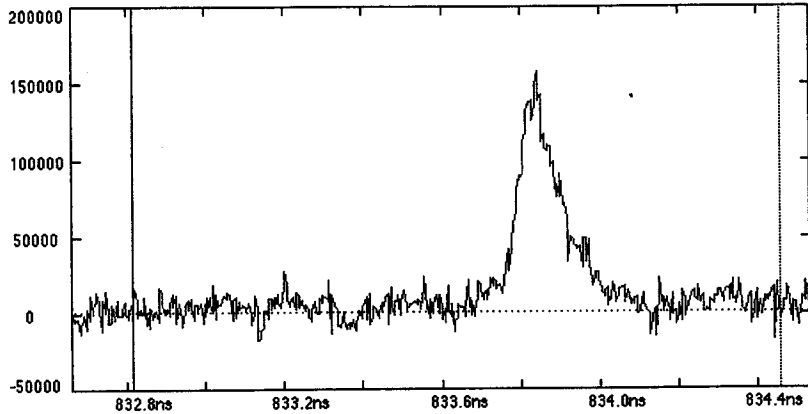
Image Status

<< Condition : BeamC6699_21 >>
 Accum.Time 100 pulse
 Mcp Gain 100[%]
 Streak Mode 5[NS]
 Streak Trigger SINGLE
 X:-0.720 Y:-1.918 Z: 5.4720
 DC Calibration ON
 DATE 2005:03:01
 TIME 16:58:26
 << Comment >>

(No Filter)



Mark 1 = 832.818ns 3139 cnt
 Mark 2 = 834.460ns -4452 cnt
 FWHM = 97.509ps (833.846ns)
 AREA = 6550746 cnt



Live Time pulse

Accum.Time pulse

Control the Streak Camera

H-Sweep Range

MCP Gain %

Delay ns

Search pulse : cnt.

Input Optics

Focus :

Slit Width : um

Gravity Integ. Trig.Single

Table... Quit Do It

Image Status

<< Condition : BeamC6699_21 >>

Accum.Time 100 pulse

Mcp Gain 100[%]

Streak Mode 2[NS]

Streak Trigger SINGLE

H:-0.720 Y:-1.918 Z: 5.4720

DC Calibration ON

DATE 2005:03:01

TIME 17:12:16

<< Comment >>

(No Filter)

Live Time pulse

Accum.Time pulse

Control the Streak Camera

H-Sweep Range

MCP Gain %

Delay ns

Search pulse : cnt.

Input Optics

Focus :

Slit Width : um

Gravity Integ. Trig.Single

Table... Quit Do It

Image Status

<< Condition : BeamC6699_21 >>

Accum.Time 100 pulse

Mcp Gain 100[%]

Streak Mode 1[NS]

Streak Trigger SINGLE

H:-0.720 Y:-1.918 Z: 5.4720

DC Calibration ON

DATE 2005:03:01

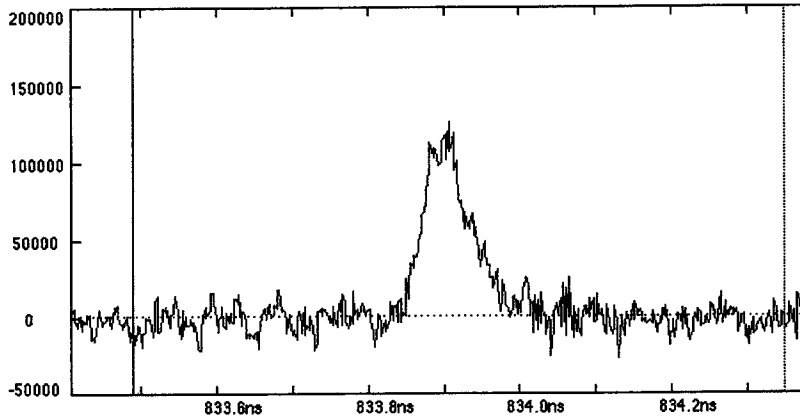
TIME 17:15:20

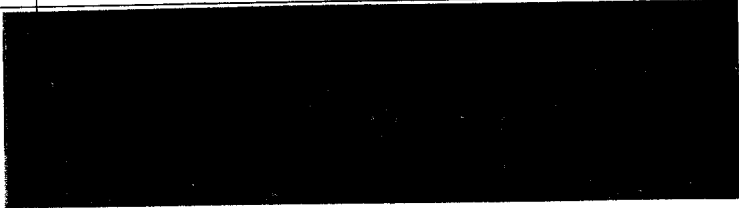
<< Comment >>

(No Filter)

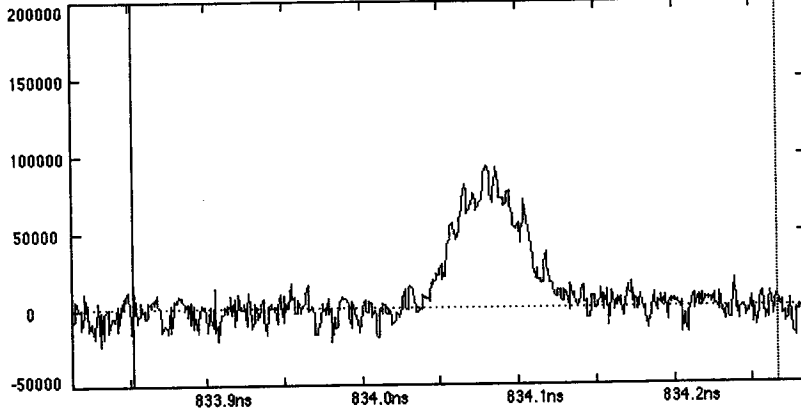


Mark 1 = 833.491ns -14112 cnt
 Mark 2 = 834.350ns -766 cnt
 FWHM = 54.932ps (833.908ns)
 AREA = 3618821 cnt





Mark 1 = 833.859ns -15010 cnt
 Mark 2 = 834.267ns 6676 cnt
 FWHM = 39.850ps (834.082ns)
 AREA = 4183205 cnt



Live Time 20 pulse

Accum.Time 100 pulse

Control the Streak Camera

B-Sweep Range 8.5ns

MCP Gain 100 %

Delay 726.45 ns

Search pulse : 5000 cnt.

Input Optics

Focus : Open

Slit Width : 1000 um

Gravity Integ. Trig.Single

Table... Quit Do It

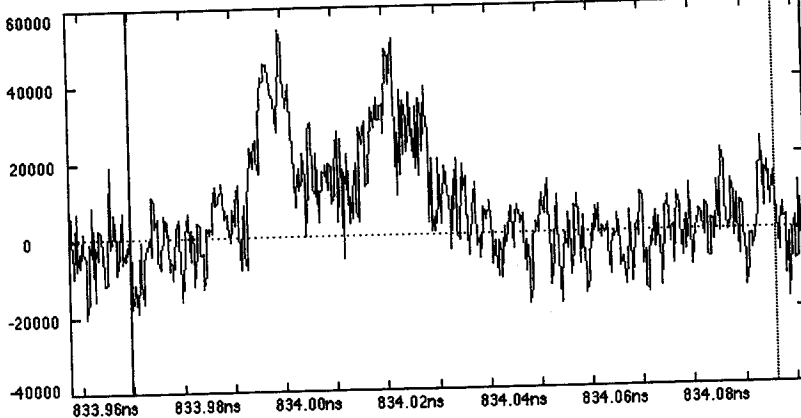
Image Status

<< Condition : BeamC6699_21 >>
 Accum.Time 100 pulse
 Mcp Gain 100[%]
 Streak Mode 0.50[NS]
 Streak Trigger SINGLE
 H:-0.720 Y:-1.918 Z: 5.4720
 DC Calibration ON
 DATE 2005:03:01
 TIME 17:17:56
 << Comment >>

(No Filter)



Mark 1 = 833.970ns -2497 cnt
 Mark 2 = 834.096ns 12739 cnt
 FWHM = 6.172ps (834.000ns)
 AREA = 3168387 cnt



Live Time 20 pulse

Accum.Time 100 pulse

Control the Streak Camera

B-Sweep Range 8.2ns

MCP Gain 100 %

Delay 732.56 ns

Search pulse : 5000 cnt.

Input Optics

Focus : Open

Slit Width : 800 um

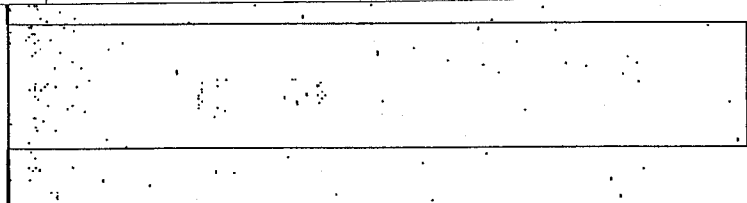
Gravity Integ. Trig.Single

Table... Quit Do It

Image Status

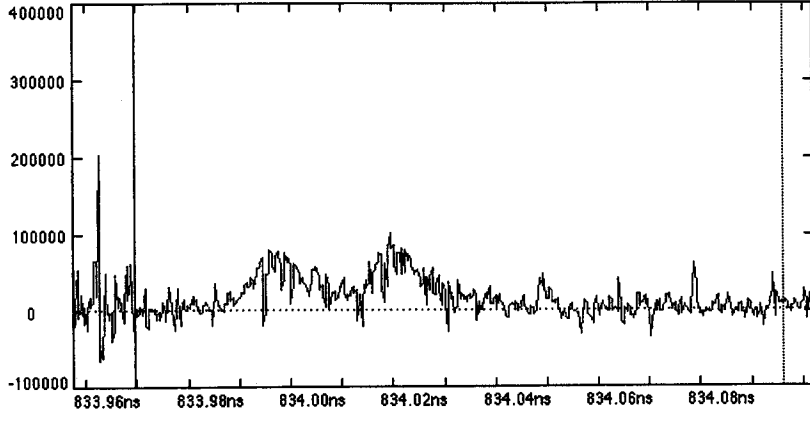
<< Condition : BeamC6699_21 >>
 Accum.Time 100 pulse
 Mcp Gain 100[%]
 Streak Mode 0.20[NS]
 Streak Trigger SINGLE
 H:-0.720 Y:-1.918 Z: 5.4720
 DC Calibration ON
 DATE 2005:03:01
 TIME 17:25:18
 << Comment >>

(No Filter)



> Memory Overflow !!

Mark 1 =	833.970ns	-16736 cnt
Mark 2 =	834.096ns	9520 cnt
FWHM =	1.798ps (834.020ns)	
AREA =	7042054 cnt	



Live Time pulse

Accum.Time pulse

Control the Streak Camera

B-Sweep Range

MCP Gain %

Delay ns

Search pulse : cnt.

Input Optics

Focus :

Slit Width : um

Gravity Integ. Trig.Single

Image Status

<< Condition : BeamC6699_21 >>

Accum.Time 200 pulse

Mcp Gain 100[%]

Streak Mode 0.20[NS]

Streak Trigger SINGLE

H:-0.720 Y:-1.918 Z: 5.4720

DC Calibration ON

DATE 2005:03:01

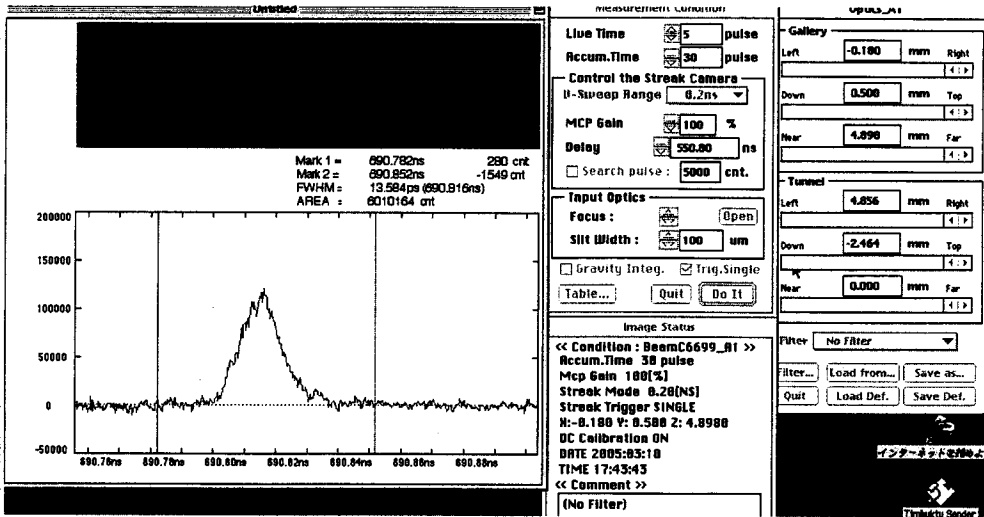
TIME 17:33:15

<< Comment >>

(No Filter)

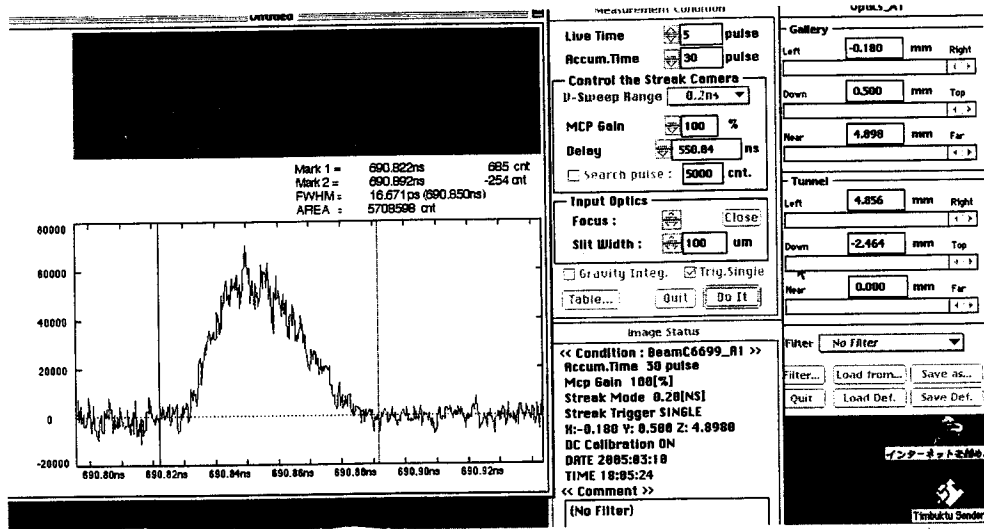
e⁻ を BCS 通して ストリークカメラで見たが、
 Bunch Compression しているかどうかは、はっきりとは分かりません。

2005.3.10 17:58

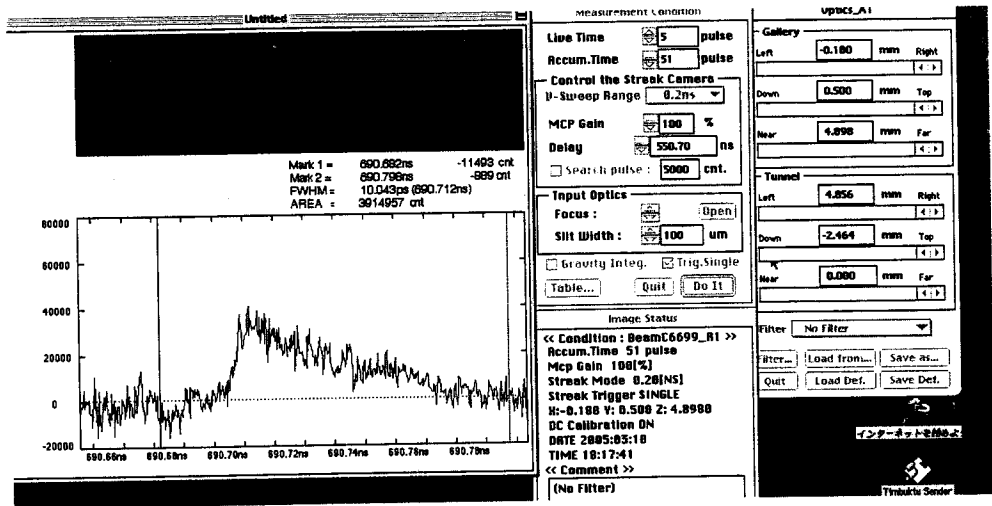


$A1 \ 100^\circ \rightarrow 60^\circ$
 Buncher $126.5 \rightarrow 166.7^\circ$
 SHB1 $\phi \ 49.2 \rightarrow 47.6^\circ \ (-1.6^\circ)$
 SHB2 $\phi \ 312.2 \rightarrow 304.2^\circ \ (-8^\circ)$
 Gun delay $0.846 \ (0.15 \text{ ns}) \rightarrow 0.815$
 $\frac{0.15}{3} \ ((3.42 \text{ ns}))$
 FB

49.2
 1.1
 13.



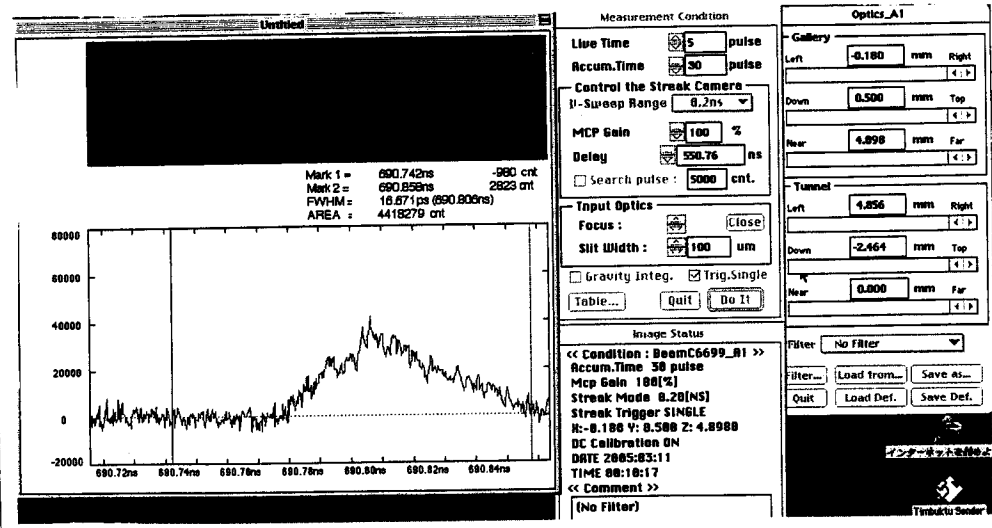
A1 100° → 140°
 Buncher 126.5 → 86.5
 SHB1 49.2 → 50.8°
 SHB2 312.2 → 320.2
 Gun delay 0.846 → 0.877



~~##~~, Buncher φ を変えているため. SHB1, 2φ, Gun delay を
 変える必要が無かった。 ~~##~~

2005.3.11
 0:10

KL-A1 φ 100° → 60°
 Buncher 126.5° → 166.7°



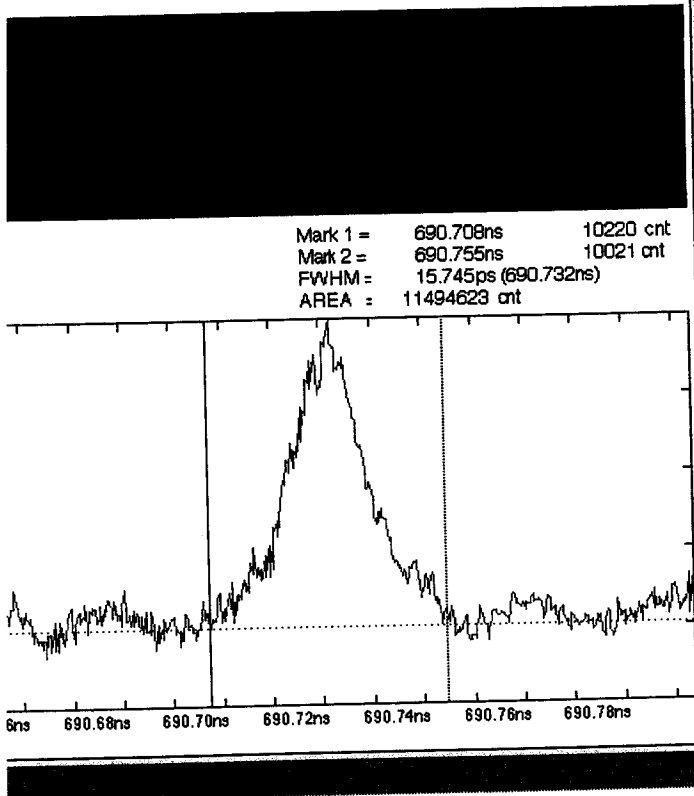
14xにて測定
 してしまいました。

59

2005.3.15

76=17

~~A1 100 → 140° B 125.8 → 85.6'~~
 A1 140 → 180° B 85.6 → 45.7'



Live Time pulse
 Accum.Time pulse

Control the Streak Camera
 H-Sweep Range
 MCP Gain %
 Delay ns
 Search pulse : cnt.

Input Optics
 Focus :
 Slit Width : um
 Gravity Integ. Trig.Single

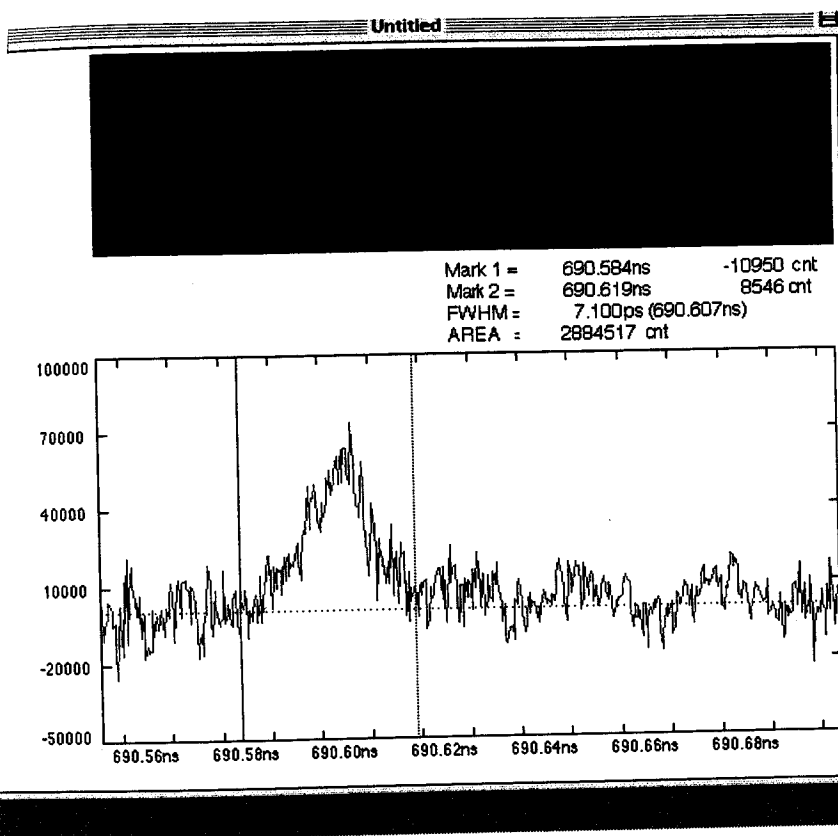
Image Status
 << Condition : BeamC6699_A1 >>
 Accum.Time 50 pulse
 Mcp Gain 100[%]
 Streak Mode 0.20[NS]
 Streak Trigger SINGLE
 H:-0.180 Y: 0.500 Z: 4.8980
 DC Calibration ON
 DATE 2005:03:15
 TIME 16:06:17
 << Comment >>
 (No Filter)

Gallery
 Left mm Right
 Down mm Top
 Near mm Far

Tunnel
 Left mm Right
 Down mm Top
 Near mm Far

Filter:

 インターネットを始める



Measurement Condition

Live Time pulse
 Accum.Time pulse

Control the Streak Camera
 H-Sweep Range
 MCP Gain %
 Delay ns
 Search pulse: cnt.

Input Optics
 Focus:
 Slit Width:

Gravity Integ. Trig.Single

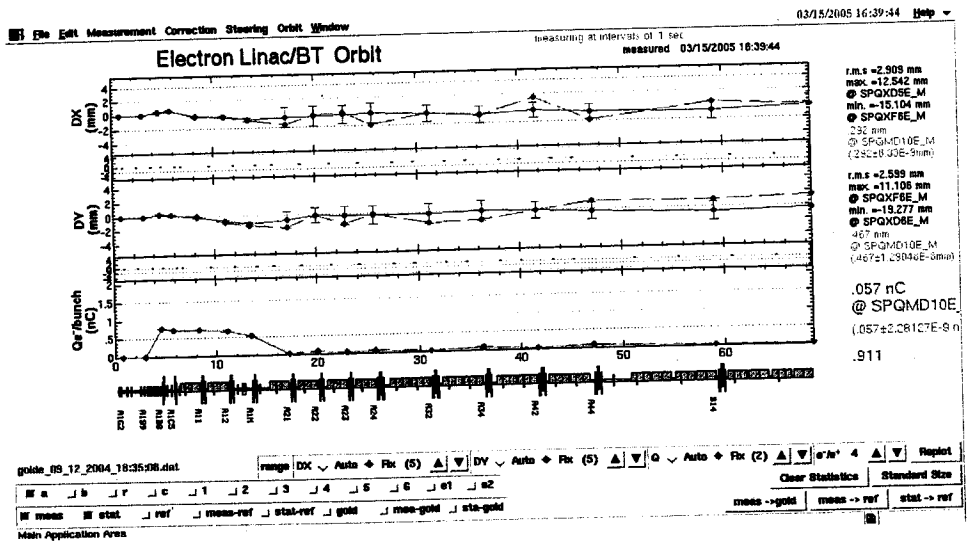
Image Status
 << Condition : BeamC6699_A1 >>
 Accum.Time 100 pulse
 Mcp Gain 100[%]
 Streak Mode 0.20[NS]
 Streak Trigger SINGLE
 H:-0.188 Y: 0.508 Z: 4.8980
 DC Calibration ON
 DATE 2005:03:15
 TIME 16:38:38
 << Comment >>
 (No Filter)

Opt

Gallery

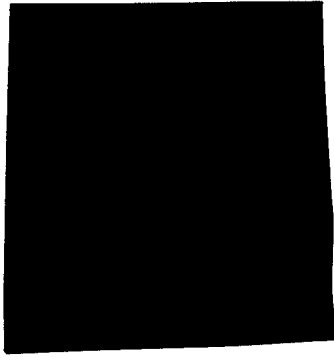
Left
 Down
 Near
 Tunnel
 Left
 Down
 Near

Filter:
 Filter...
 Quit

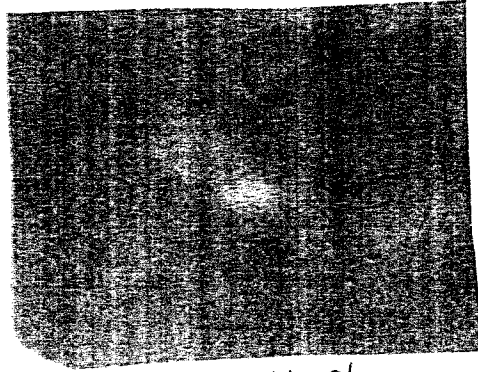


2005.4.11
10:59.

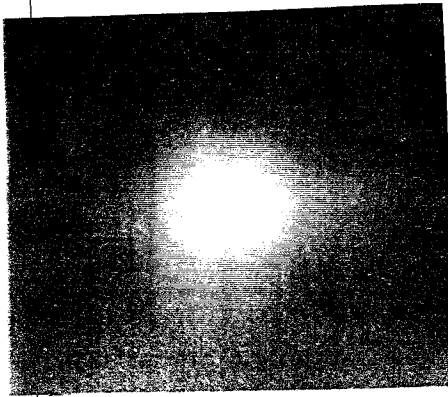
Al. Wire Scanner 測定
< 各271-2映像 >



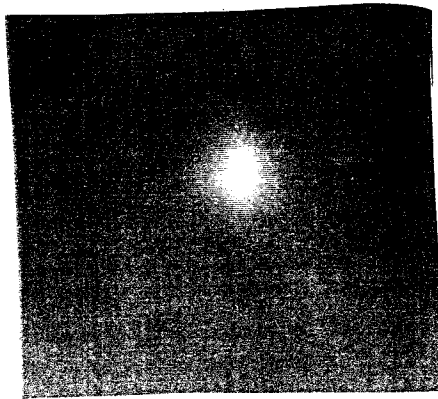
SC-AI-B8



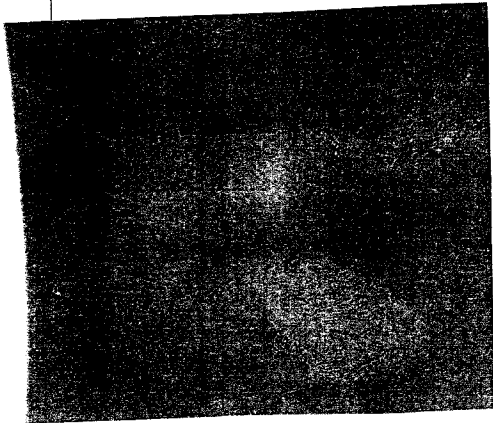
SC-AI-C5



SC-AI-1



SC-AI-2



SC-AI-M.

2005/4/13 (水) Linear Study (M.S.)

AL Gun 2 SHB standby 終了。

① KEKB e- Inc.

② SHB - S1, S8 E Standby.

③ SHB - S1, S8 Standby + S1: ~~80A0~~ → f0A0 → fffe
 S8: 8300 → f300 → fffe

↑ tktrig 2 設定

~~57363ns~~ + fffe

① KEKB e- Inc

