

2005.3.1 (K) 2124-7

e^- Inc 5Hz

① FOCUS MODE には FOCUS (オートフォーカス)
(OTR) を使用する

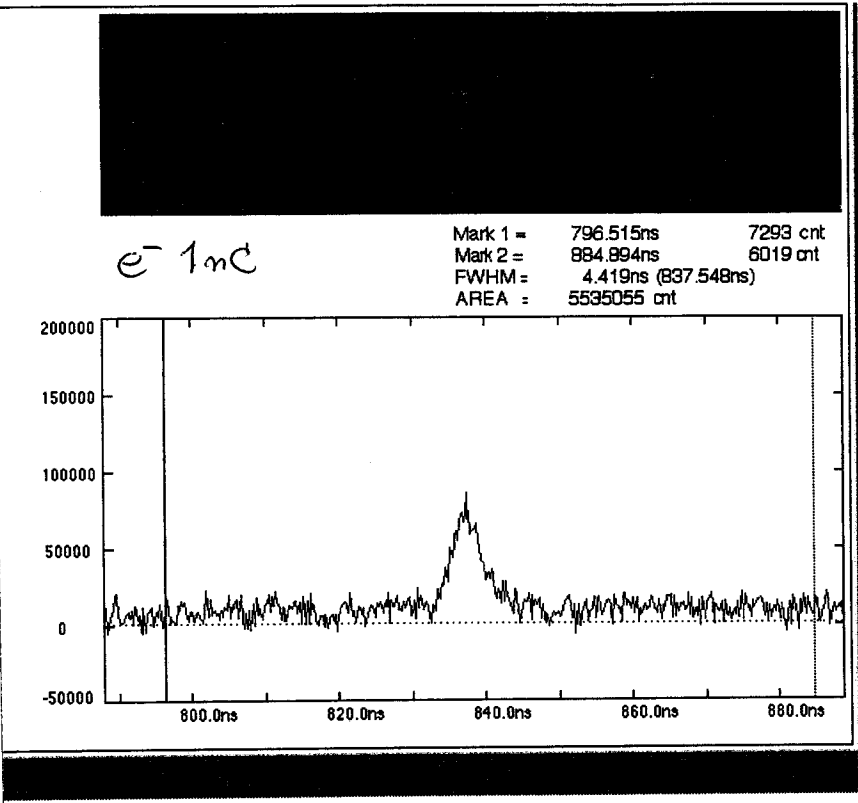
② Streak mode には 0.2ns range での
測定が、Slit 幅 1000mm (2000mm)

③ Slit を絞ると S/N 比に注意する

前回の測定結果 Linea Study (4) p.85~
2004.9.3

と同様の結果

Optics_21			
Gallery			
Left	-0.720	mm	Right
◀ ▶			
Down	-1.918	mm	Top
◀ ▶			
Near	5.472	mm	Far
◀ ▶			
Tunnel			
Left	-4.822	mm	Right
◀ ▶			
Down	1.578	mm	Top
◀ ▶			
Near	6.676	mm	Far
◀ ▶			
Filter	No Filter ▼		
Filter...	Load from...	Save as...	
Quit	Load Def.	Save Def.	



Live Time p

Accum.Time p

Control the Streak Camera

H-Sweep Range

MCP Gain %

Delay

Search pulse : c

Input Optics

Focus :

Slit Width :

Gravity Integ. Trig.S

Table... Quit Do

Image Status

<< Condition : BeamC6699_2

Accum.Time 48 pulse

Mcp Gain 100[%]

Streak Mode 188[NS]

Streak Trigger SINGLE

H:-0.728 V:-1.918 Z: 5.4728

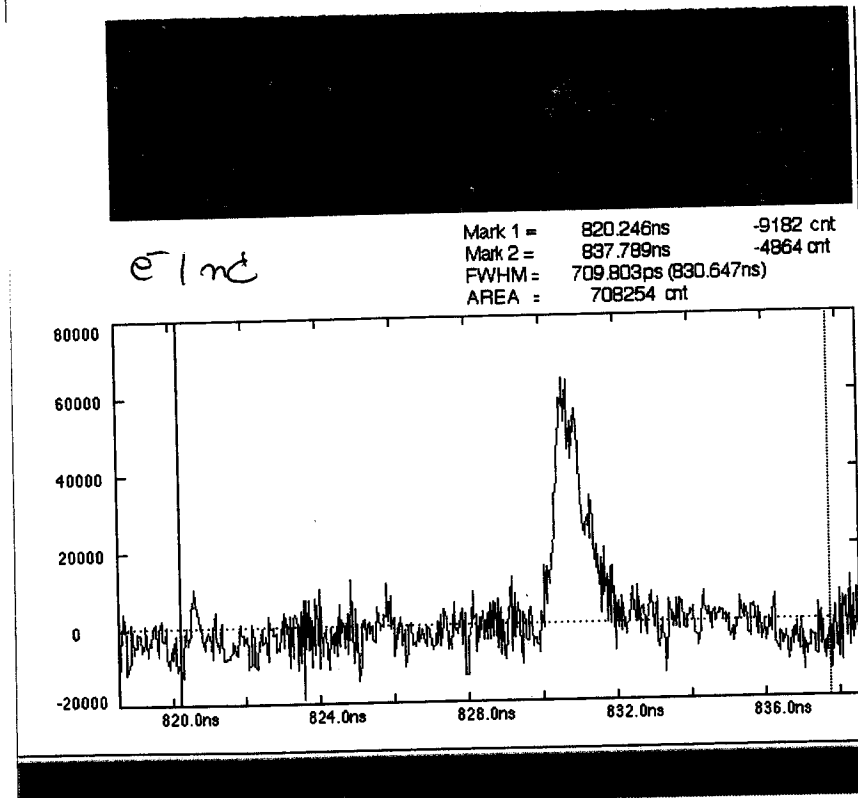
DC Calibration ON

DATE 2005:03:01

TIME 12:29:17

<< Comment >>

(No Filter)



Live Time p

Accum.Time p

Control the Streak Camera

H-Sweep Range

MCP Gain

Delay

Search pulse :

Input Optics

Focus :

Slit Width :

Gravity Integ. Trig.

Table... Quit Do

Image Status

<< Condition : BeamC6699_

Accum.Time 48 pulse

Mcp Gain 100[%]

Streak Mode 28[NS]

Streak Trigger SINGLE

H:-0.728 V:-1.918 Z: 5.472

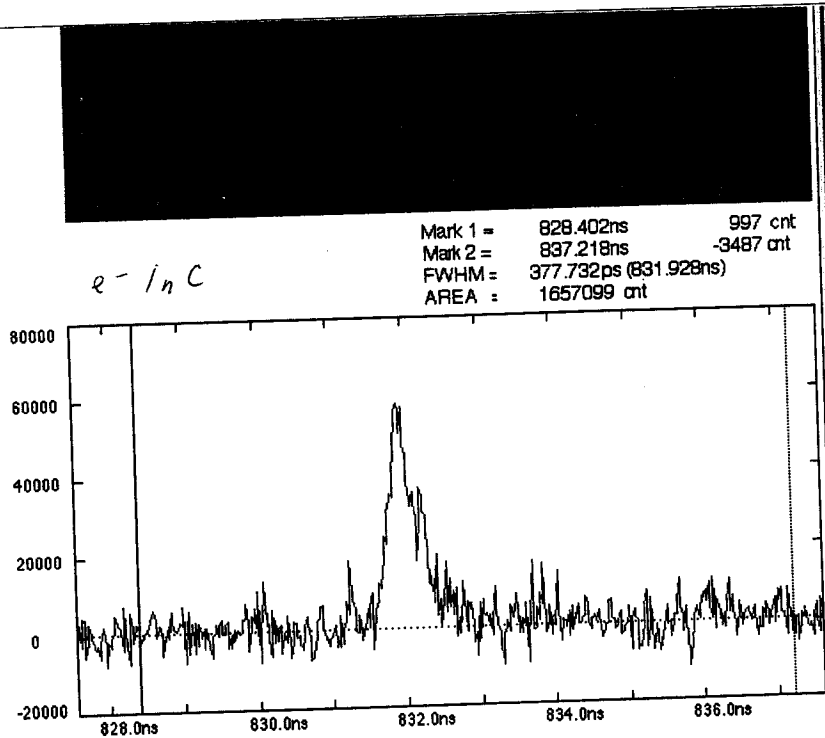
DC Calibration ON

DATE 2005:03:01

TIME 12:34:15

<< Comment >>

(No Filter)



Live Time pulse
 Accum.Time pulse

Control the Streak Camera
 U-Sweep Range

MCP Gain %
 Delay ns

Search pulse : cnt.

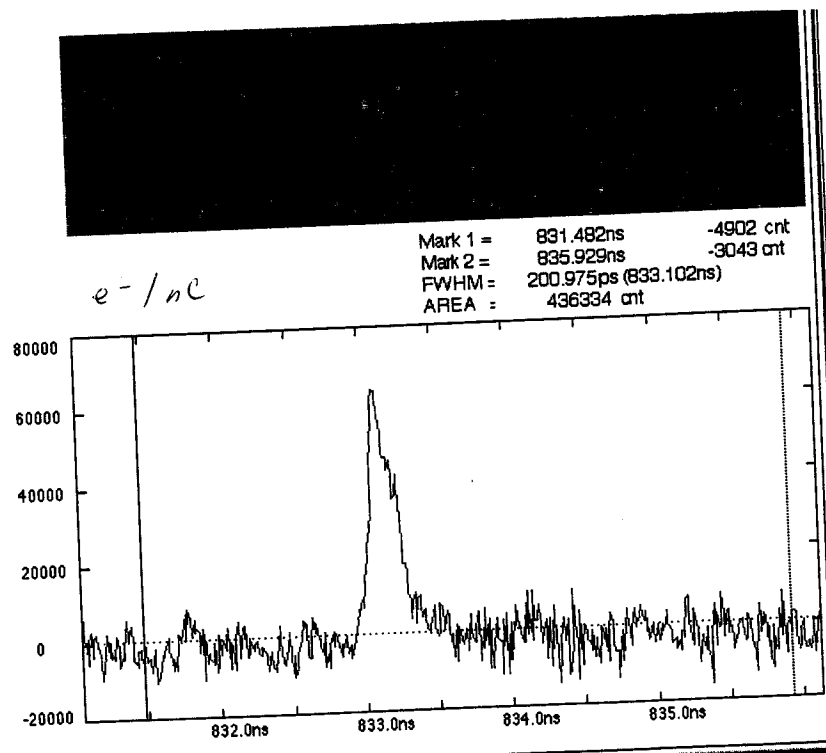
Input Optics
 Focus :
 Slit Width : um

Gravity Integ. Trig.Single

Table... Quit Do It

Image Status
 << Condition : BeamC6699_21 >>
 Accum.Time 48 pulse
 Mcp Gain 98[%]
 Streak Mode 18[NS]
 Streak Trigger SINGLE
 H:-0.728 Y:-1.918 Z: 5.4720
 DC Calibration ON
 DATE 2005:03:01
 TIME 12:36:42
 << Comment >>

(No Filter)



Live Time pulse
 Accum.Time pulse

Control the Streak Camera
 U-Sweep Range

MCP Gain %
 Delay ns

Search pulse : cnt.

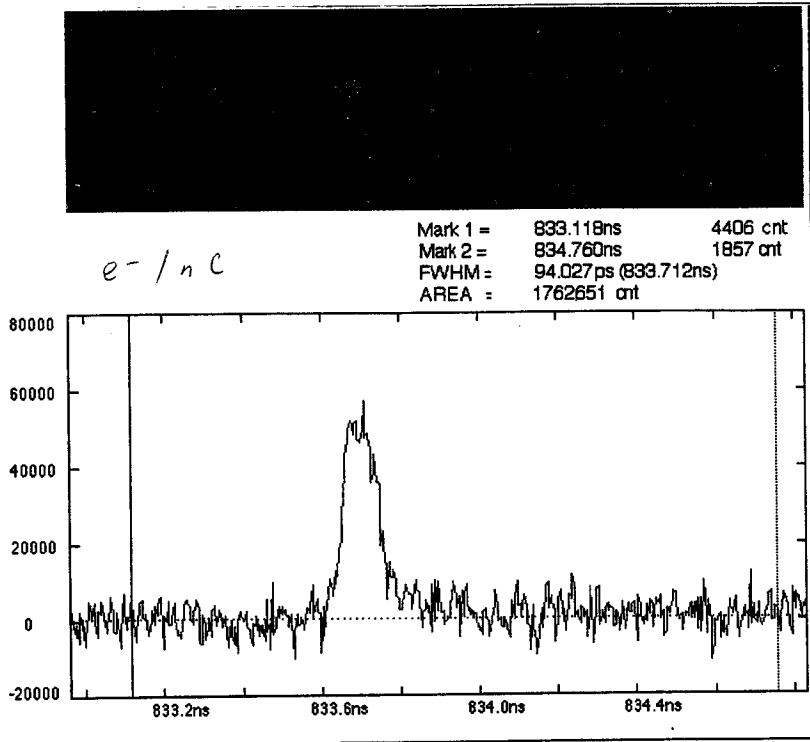
Input Optics
 Focus :
 Slit Width : um

Gravity Integ. Trig.Single

Table... Quit Do It

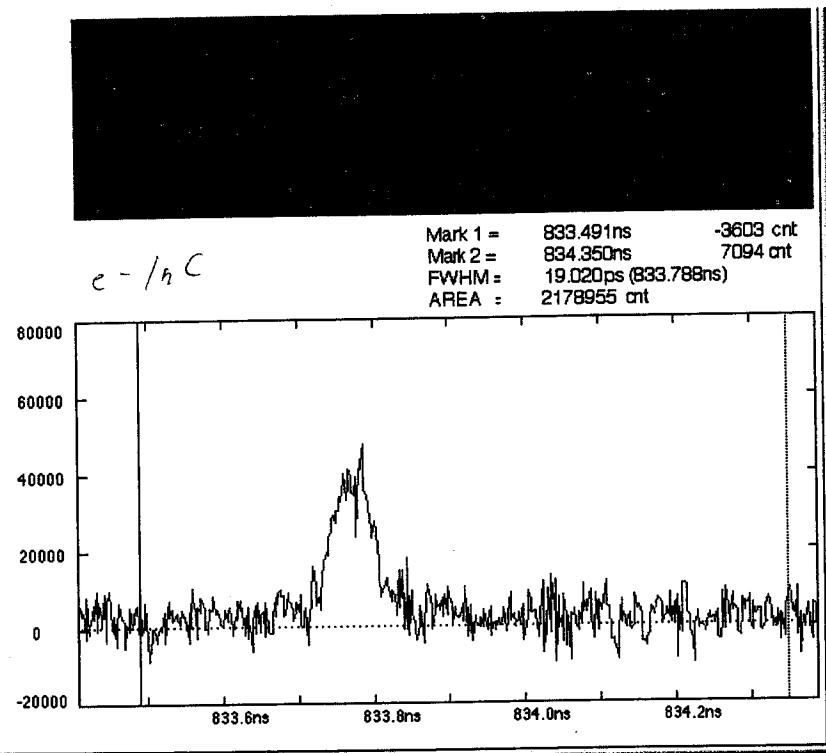
Image Status
 << Condition : BeamC6699_21 >>
 Accum.Time 48 pulse
 Mcp Gain 100[%]
 Streak Mode 5[NS]
 Streak Trigger SINGLE
 H:-0.728 Y:-1.918 Z: 5.4720
 DC Calibration ON
 DATE 2005:03:01
 TIME 12:38:27
 << Comment >>

(No Filter)



Live Time pu
 Accum.Time pu
Control the Streak Camera
 H-Sweep Range
 MCP Gain %
 Delay
 Search pulse : cn
Input Optics
 Focus :
 Slit Width : u
 Gravity Integ. Trig.Si
 Table... Quit Do I

Image Status
 << Condition : BeamC6699_2
 Accum.Time 48 pulse
 Mcp Gain 100[%]
 Streak Mode 2[NS]
 Streak Trigger SINGLE
 H:-0.728 Y:-1.918 Z: 5.4720
 DC Calibration ON
 DATE 2005:03:01
 TIME 12:48:13
 << Comment >>
 (No Filter)



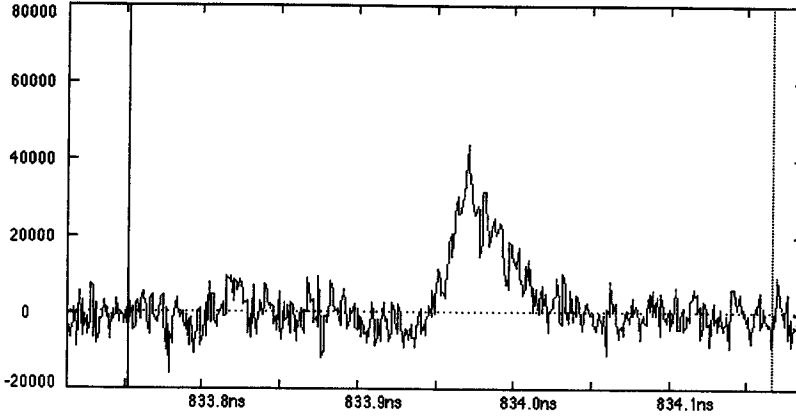
Live Time pu
 Accum.Time pu
Control the Streak Camera
 H-Sweep Range
 MCP Gain %
 Delay
 Search pulse : c
Input Optics
 Focus :
 Slit Width :
 Gravity Integ. Trig.S
 Table... Quit Do

Image Status
 << Condition : BeamC6699_2
 Accum.Time 48 pulse
 Mcp Gain 100[%]
 Streak Mode 1[NS]
 Streak Trigger SINGLE
 H:-0.728 Y:-1.918 Z: 5.4720
 DC Calibration ON
 DATE 2005:03:01
 TIME 12:41:18
 << Comment >>
 (No Filter)



e- / ne

Mark 1 = 833.753ns -2851 cnt
 Mark 2 = 834.167ns -8450 cnt
 FWHM = 16.253ps (833.972ns)
 AREA = 984169 cnt



Live Time pulse
 Accum.Time pulse

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

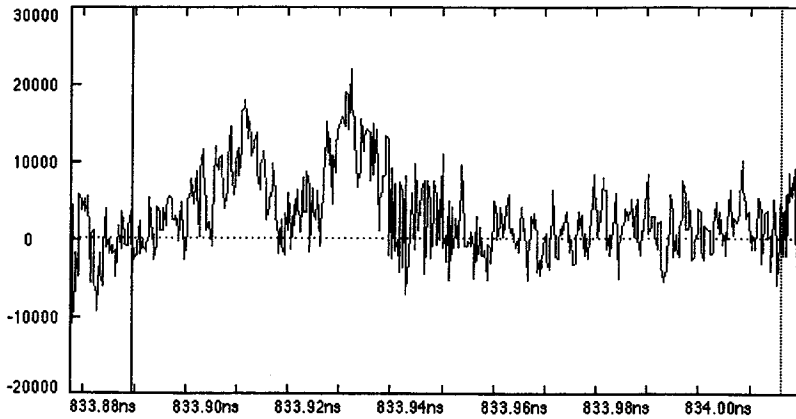
Input Optics
 Focus :
 Slit Width : um
 Gravity Integ. Trig.Single

Image Status
 << Condition : BeamC6699_21 >>
 Accum.Time 40 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 12:43:43
 << Comment >>
 (No Filter)



e- / nc

Mark 1 = 833.890ns -720 cnt
 Mark 2 = 834.016ns 4569 cnt
 FWHM = 3.919ps (833.932ns)
 AREA = 1427289 cnt

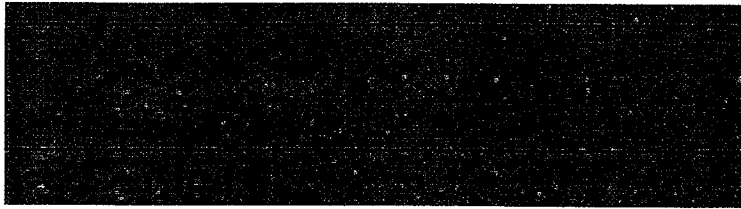


Live Time pulse
 Accum.Time pulse

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

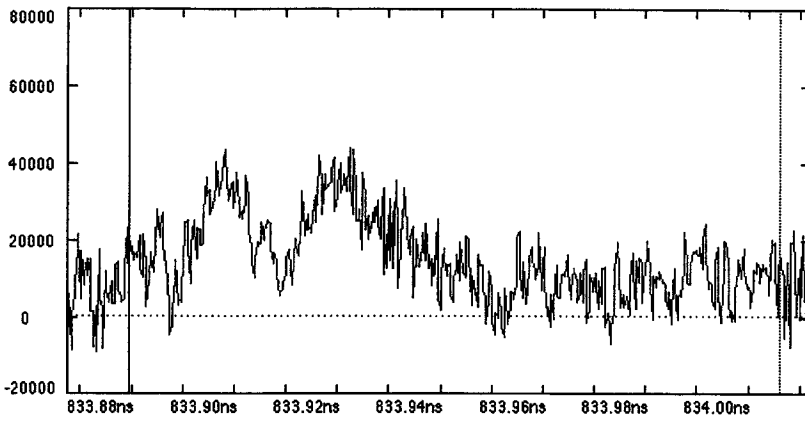
Input Optics
 Focus :
 Slit Width : um
 Gravity Integ. Trig.Single

Image Status
 << Condition : BeamC6699_21 >>
 Accum.Time 40 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 12:45:33
 << Comment >>
 (No Filter)



e^- / nC

Mark 1 = 833.890ns 13732 cnt
 Mark 2 = 834.016ns 13416 cnt
 FWHM = 9.345ps (833.932ns)
 AREA = 6448624 cnt



Live Time pul
 Accum.Time pul

Control the Streak Camera
 D-Sweep Range

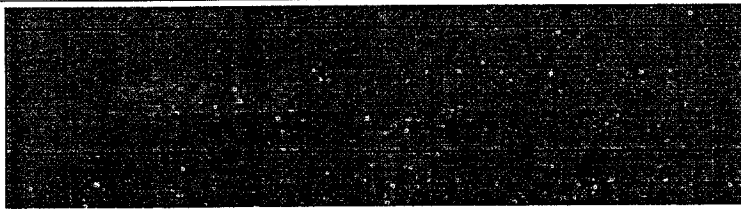
MCP Gain %
 Delay

Search pulse : cnt

Input Optics
 Focus : opt
 Slit Width : um

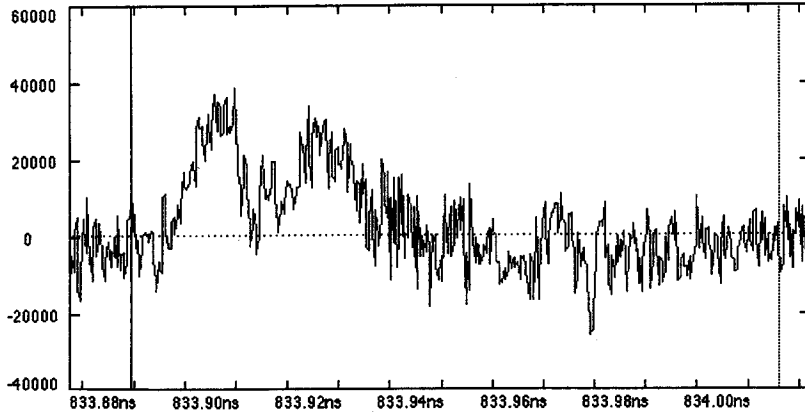
Gravity Integ. Trig.Sig

Image Status
 << Condition : BeamC6699_21
 Accum.Time 100 pulse
 Mcp Gain 100[%]
 Streak Mode 0.20[NS]
 Streak Trigger SINGLE
 K:-0.720 Y:-1.918 Z: 5.4720
 DC Calibration ON
 DATE 2005:03:01
 TIME 12:48:19
 << Comment >>
 (No Filter)



e^- / ne

Mark 1 = 833.890ns 6833 cnt
 Mark 2 = 834.016ns -5483 cnt
 FWHM = 8.139ps (833.910ns)
 AREA = 1460213 cnt



Live Time pul
 Accum.Time pul

Control the Streak Camera
 D-Sweep Range

MCP Gain %
 Delay

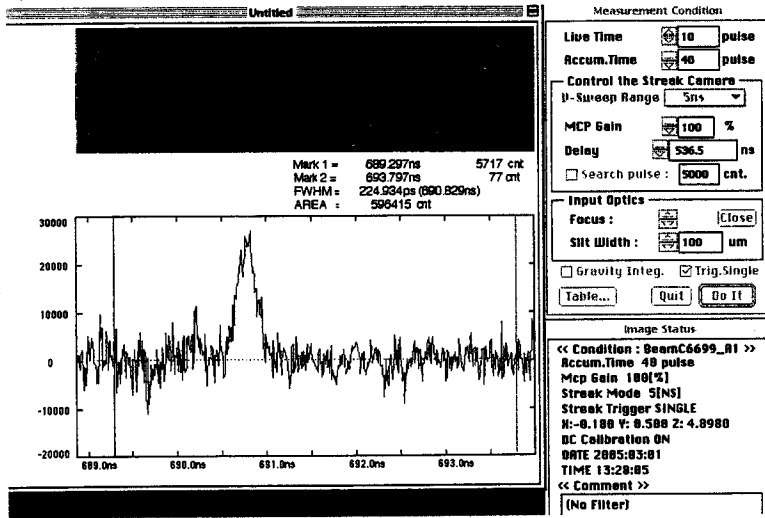
Search pulse : cnt

Input Optics
 Focus : opt
 Slit Width : um

Gravity Integ. Trig.Sig

Image Status
 << Condition : BeamC6699_21
 Accum.Time 100 pulse
 Mcp Gain 100[%]
 Streak Mode 0.20[NS]
 Streak Trigger SINGLE
 K:-0.720 Y:-1.918 Z: 5.4720
 DC Calibration ON
 DATE 2005:03:01
 TIME 12:53:34
 << Comment >>
 (No Filter)

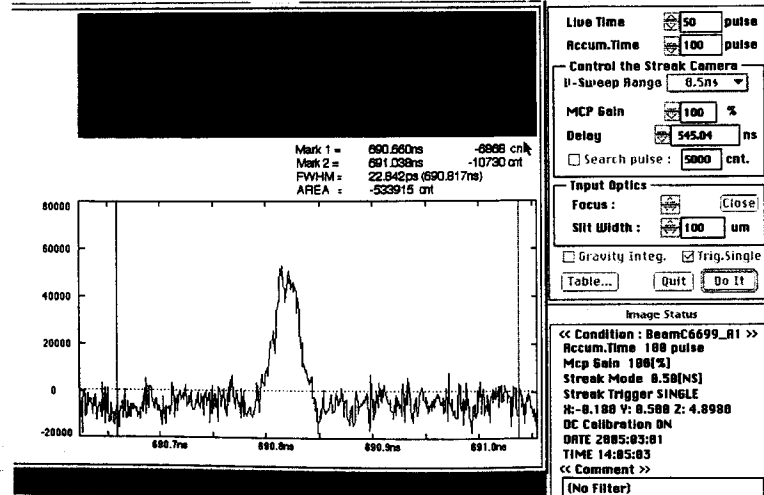
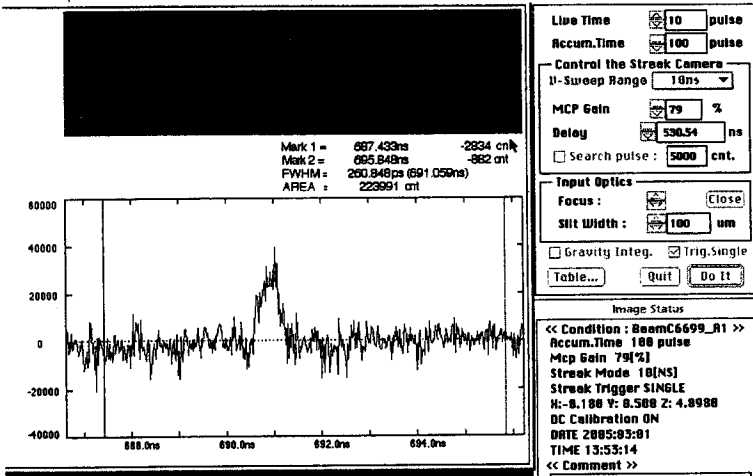
(205 Mar. 1) 12:30 ~ Multi-Bunch from AI Gun Study
(K.f., m.S.)



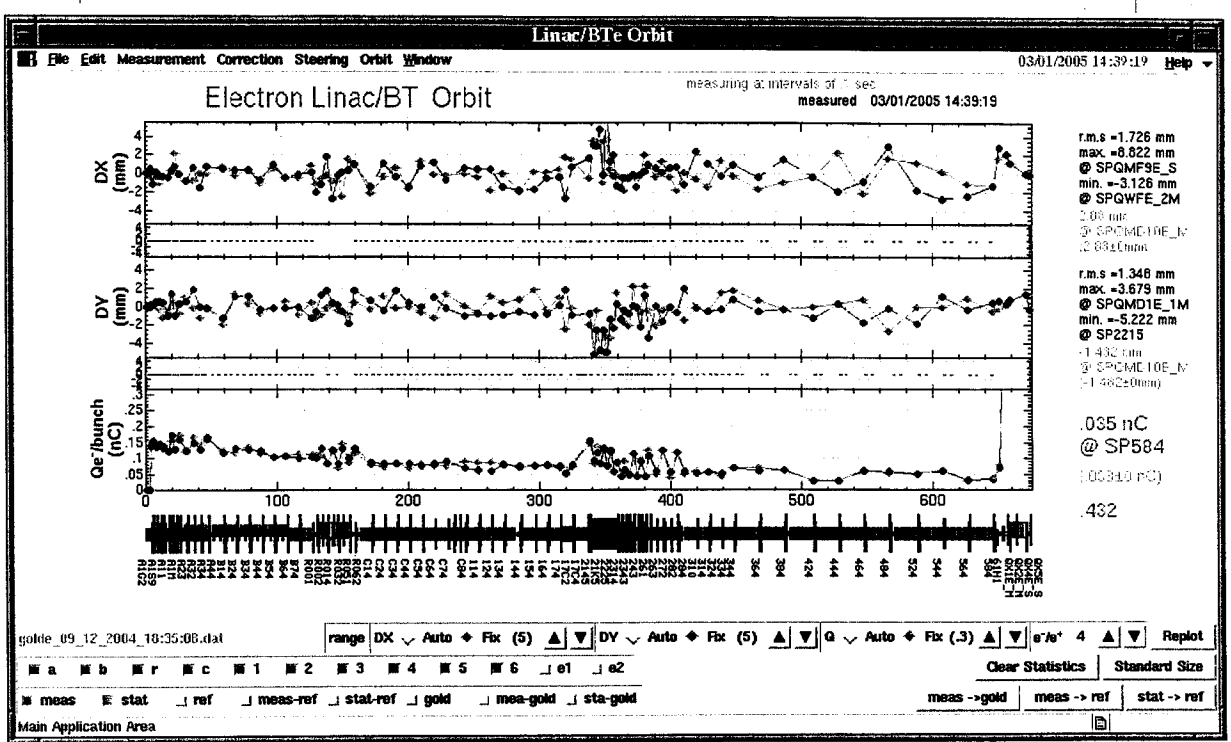
1/8 0.2nC⁹ Gun Param.
使用 (4本リソリで用意
してやる)

(40% & 1.)

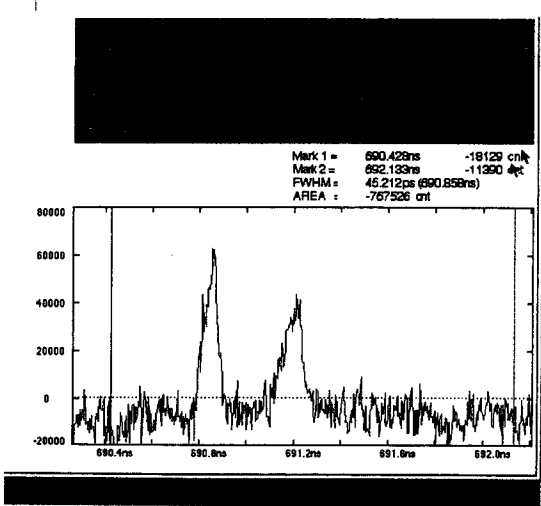
SHB 1, 2 off 33.



SHB1, 2xもONの状態で. (Touch PanelはOFF表示)
 Timing & Standbyは戻す. 調整



(SR A, B ϕ 98.5 \rightarrow 91.5 deg. は調整後)

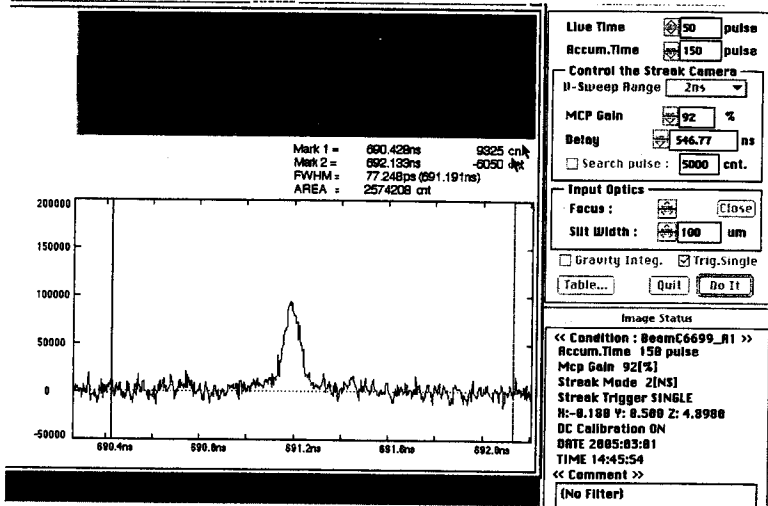


Live Time: 50
 Accum. Time: 150
 Control the Streak Camera
 H-Sweep Range: 2ns
 MCP Gain: 92
 Delay: 546.77
 Search pulse: 5000
 Input Optics
 Focus: []
 Slit Width: 100
 Gravity Integ. [] Trig. [x]
 Table... [] Quit []
 Image Status
 Condition: BeamC699
 Accum. Time: 150 pulse
 Max Gain: 92/91
 Streak Mode: 2[NS]
 Streak Trigger: SINGLE
 H: -0.188 Y: 0.508 Z: 4.898
 DC Calibration ON
 DATE: 2005-03-01
 TIME: 14:29:38
 Comment: []
 (No Filter)



standby.

(R0-31)



Standby + 57 μs delay,

15:05

終了

BCS スタター

KEKB et モード

まず BCS off 対応。 et yield を最適化する。

2005. Mar. 01
15:42

SC-17-C5 0 A スポット
 1 A スポット 左へ

SC-17-C2 - 371.868 A スポット 明るく
 - 380. A On 70% 状態

SB-C	96.5°	104.5°	106.5°	111.5°
SB-1	93.5°	98.5°	103.5°	108.5°

SC-61-H 約 90° インジニアリングを小さくする。

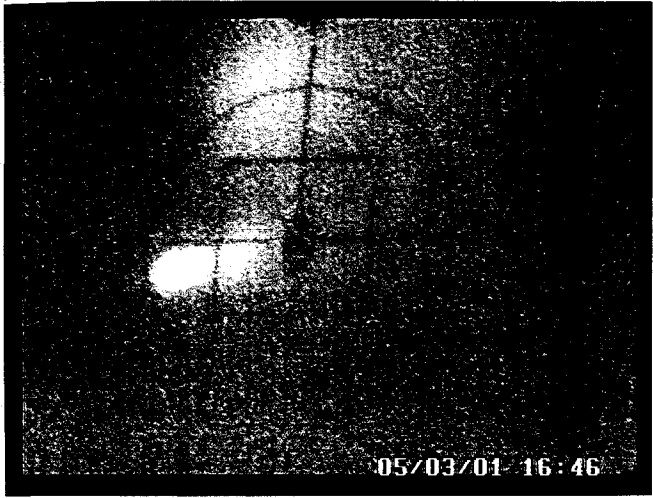
SB-2	366°	(93.5)
3	366°	(93.5)
4	366°	(93.5)
5	372.5°	(100.0)

3mm
~~2.7m~~ 0.08%
 3.77

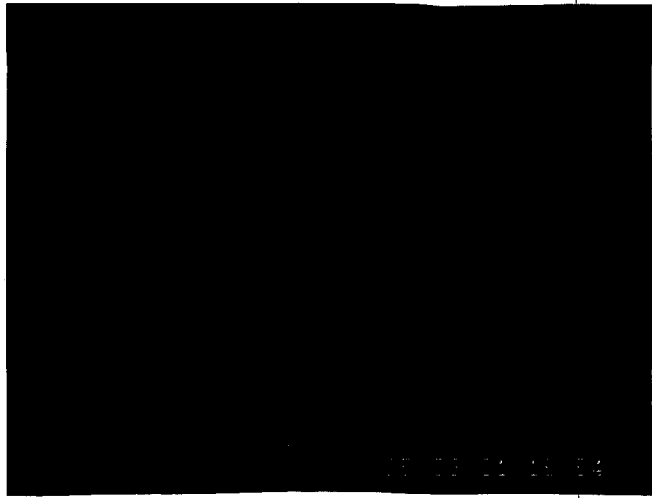
SC-17-C2
 SB-C ~~10~~⁰
 SB-1 ~~20~~⁰

-10° -10° $+5^\circ$
 \curvearrowright \curvearrowright \curvearrowright
 $96.5^\circ \rightarrow 86.5^\circ \rightarrow 76.5^\circ \rightarrow 81.5^\circ$
 $93.5^\circ \rightarrow 83.5^\circ \rightarrow 73.5^\circ \rightarrow 78.5^\circ$

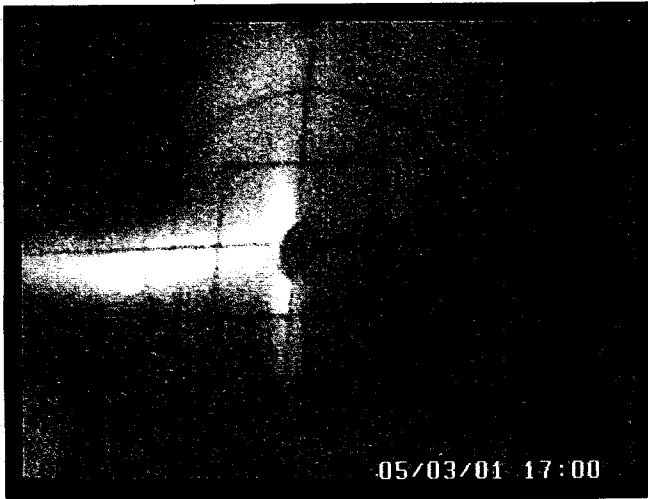
~~380A, 360~~ $-380A \rightarrow -360A$ feet



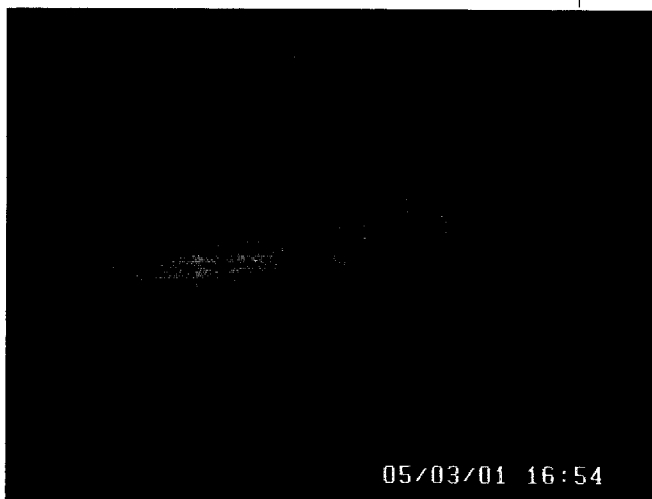
SC-61-H



SC-17-C2



05/03/01 17:00



05/03/01 16:54