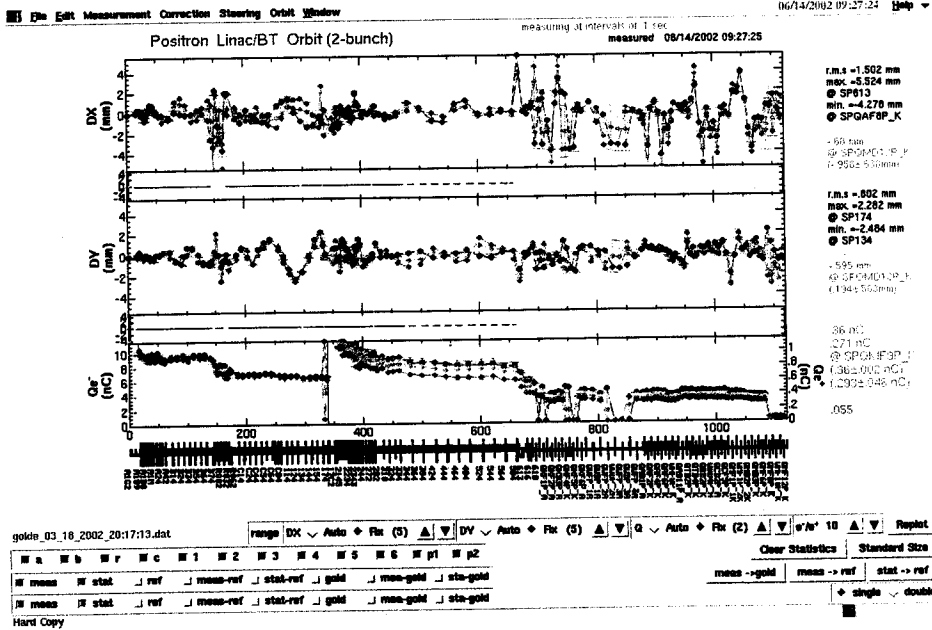
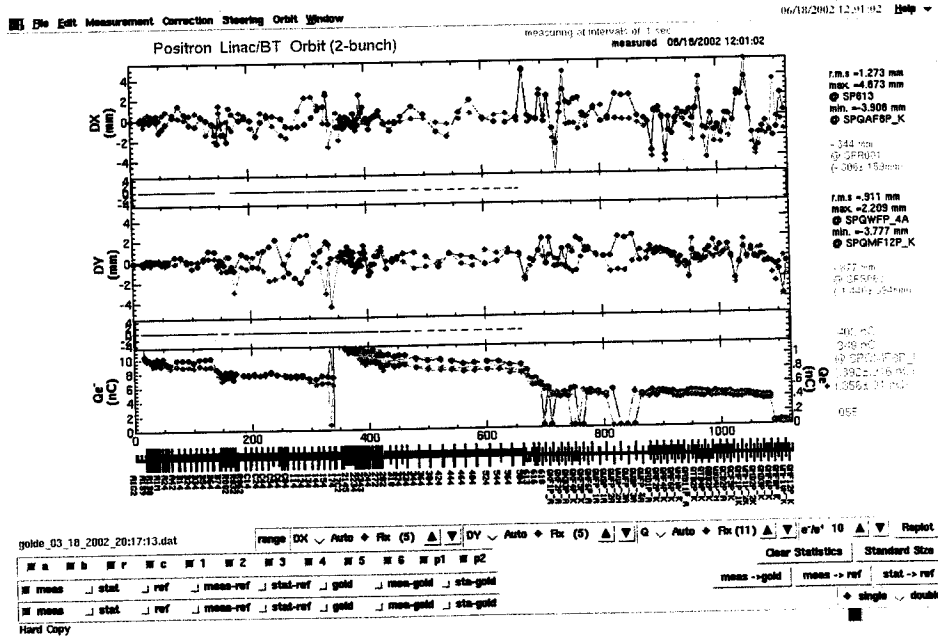


2002.6.14(金) 手廻り 2127>22 (幸見の4 bucket pattern) のための
 spacing 21) 274可



この2002年6月14日 1st bunch の J arc
 energy 0.63 nC @ BT end
 手廻り 2127 22 OK 22 22 0.63 nC @ BT end

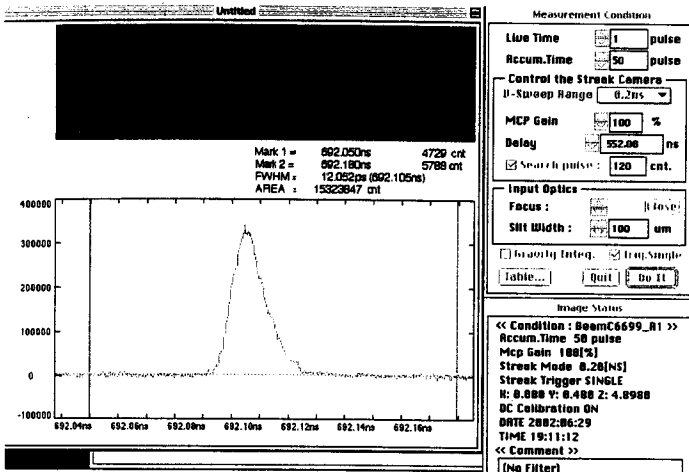


2002.6.29 (土)

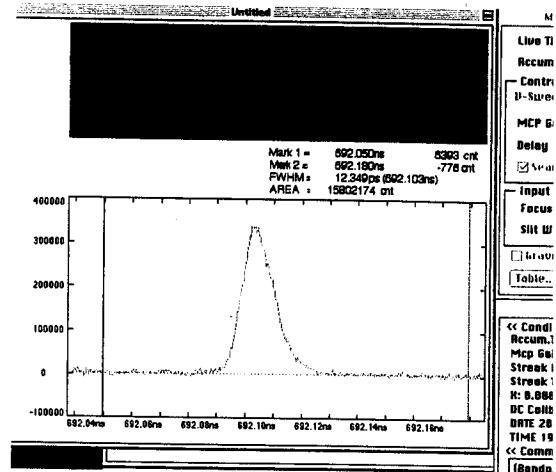
4M

Streak TUBE

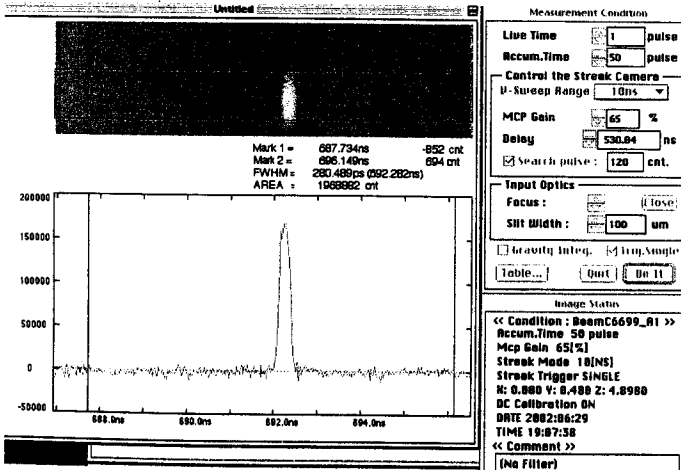
e⁻ station 12 ps
e⁺ station 12 ps



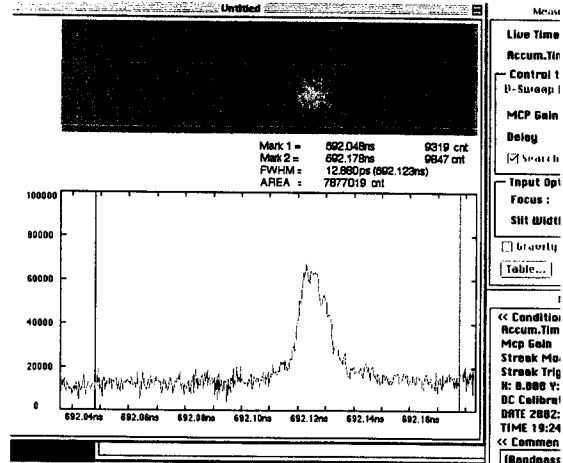
KEKB e⁻ 0.2ns NF



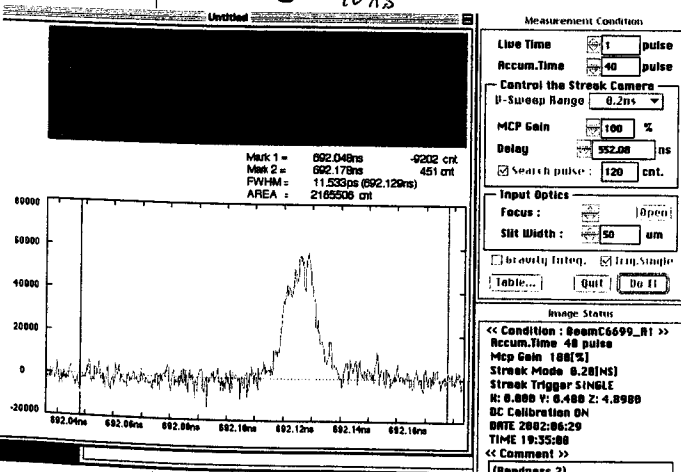
KEKB e⁻ 0.2ns BP1



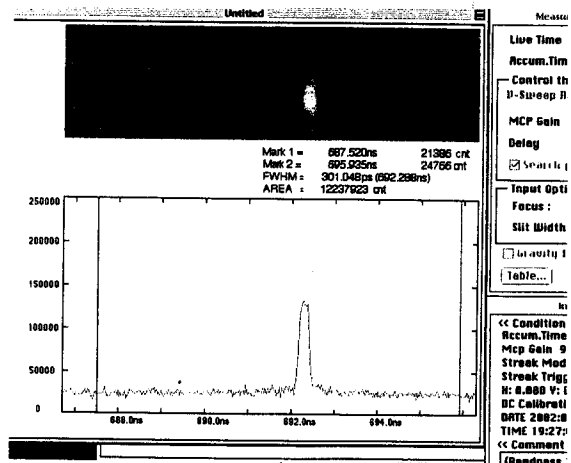
KEKB e⁻ 0.2ns NF
e⁻ 10ns



KEKB e⁻ 0.2ns BP2



KEKB e⁺ 0.2ns BP2
slit 50um



KEKB e⁺ 10ns BP2

8/30 (金)
1:00

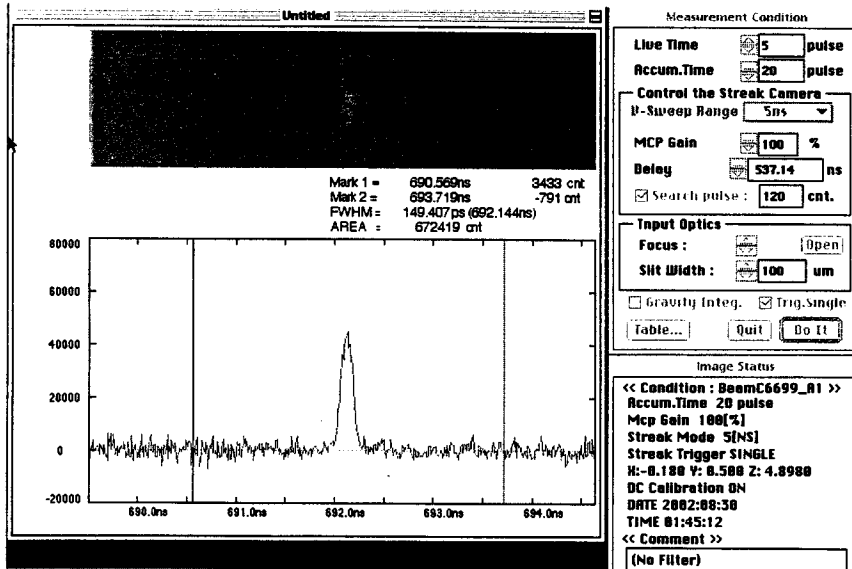
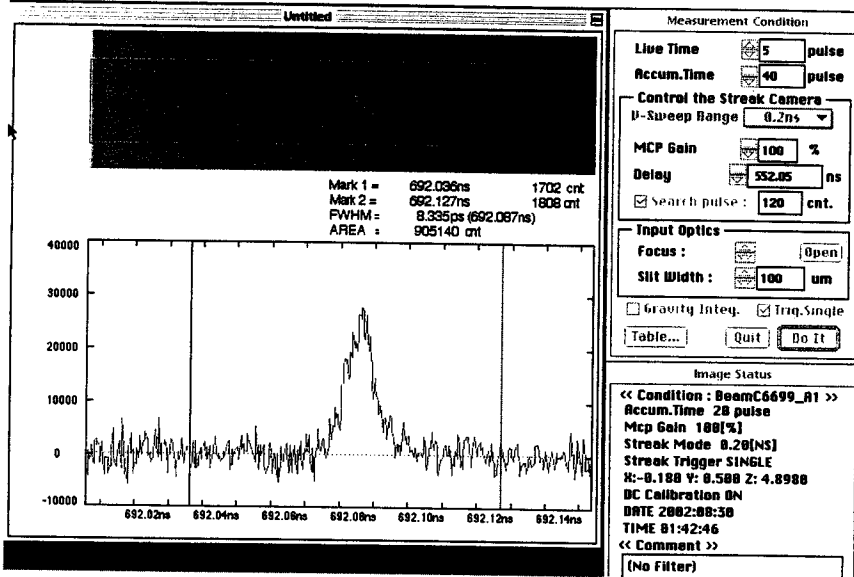
Channeling Exp Beam 調整.

入射部 6.5×7

K7513 26

701070

20020830-0.2nC



EnF 20 limit - FB change limit $\frac{0.32}{0.15} \rightarrow 0.15 \text{ nC}$ (electron)

2002. Aug. 30

channeling 実験用 E-g 調整

BS-61-A1 -0.842 → 0.0

BH-61-A1 ON → 188.571A ≈ SC-61-A1 (の中心)

SY-61-A1

BX-61-H1 -7.504 → 0.0 (菊池STC)

BH-61-A1 → 184.811A ≈ " "

BY-58-f -0.239 → 1.373 → -0.239 → -0.337.

SB-C-1-2-3-4 → 相対 +2.0°

BH-61-A1 → 185.836A

QP-61-A1 → 7.060 → 9.803

QF-61-A1 → 7.427 → 9.513

SY-61-A1 0.0 →

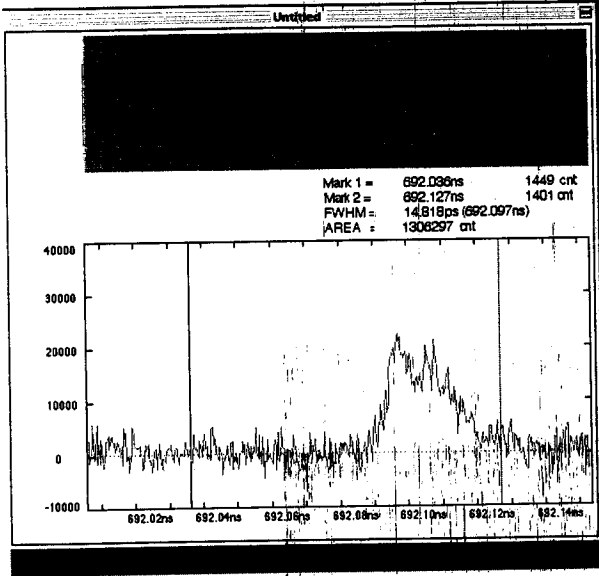
BS-61-A2 0.0 → -1.151

knob 8.016

10:25

11°5x-7 save { Magnet (channeling focused)
 } phase (" ")

14:45



Measurement Condition

Live Time: 5 pulse
 Accum.Time: 40 pulse

Control the Streak Camera
 D-Sweep Range: 0.2 ns

MCP Gain: 100 %
 Delay: 532.05 ns

Search pulse: 120 cnt.

Input Optics
 Focus: Open
 Slit Width: 100 um

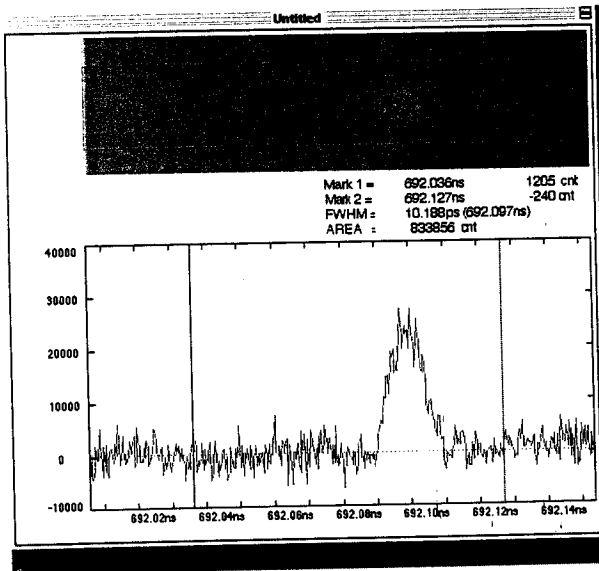
Gravity Integ. Trig. Single

Table... Quit Do It

Image Status

<< Condition : BeamC6699_R1 >>
 Accum.Time 28 pulse
 Mcp Gain 100[%]
 Streak Mode 0.20[NS]
 Streak Trigger SINGLE
 X:-0.180 Y:0.500 Z:4.8988
 DC Calibration ON
 DATE 2002:08:30
 TIME 14:32:00
 << Comment >>
 (No Filter)

SHBI ON



Measurement Condition

Live Time: 5 pulse
 Accum.Time: 40 pulse

Control the Streak Camera
 D-Sweep Range: 0.2 ns

MCP Gain: 100 %
 Delay: 532.05 ns

Search pulse: 120 cnt.

Input Optics
 Focus: Close
 Slit Width: 100 um

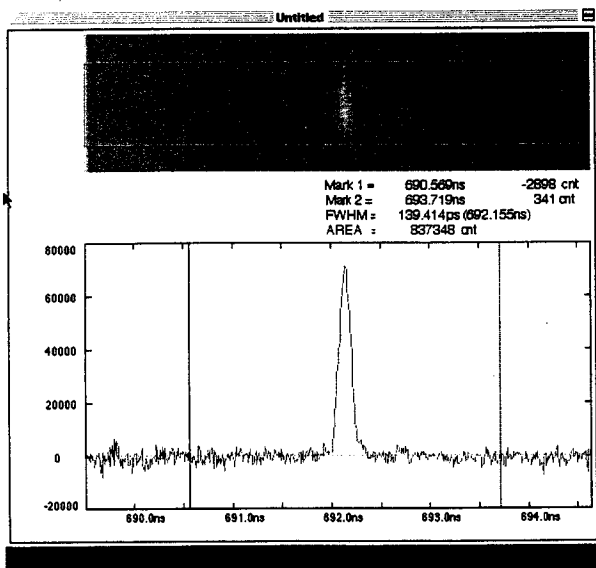
Gravity Integ. Trig. Single

Table... Quit Do It

Image Status

<< Condition : BeamC6699_R1 >>
 Accum.Time 28 pulse
 Mcp Gain 100[%]
 Streak Mode 0.20[NS]
 Streak Trigger SINGLE
 X:-0.180 Y:0.500 Z:4.8988
 DC Calibration ON
 DATE 2002:08:30
 TIME 14:35:26
 << Comment >>
 (No Filter)

SHBI 29/10/02



Measurement Condition

Live Time: 5 pulse
 Accum.Time: 20 pulse

Control the Streak Camera
 D-Sweep Range: 5 ns

MCP Gain: 100 %
 Delay: 537.14 ns

Search pulse: 120 cnt.

Input Optics
 Focus: Open
 Slit Width: 100 um

Gravity Integ. Trig. Single

Table... Quit Do It

Image Status

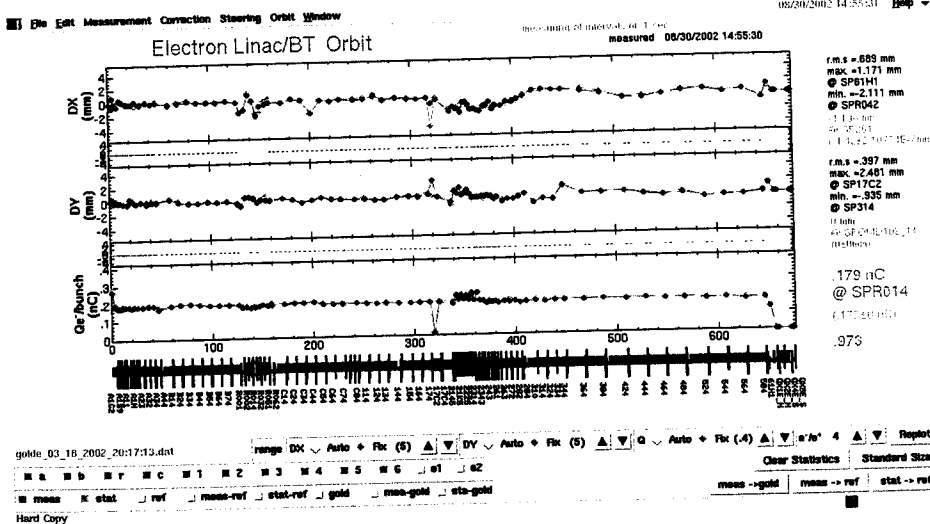
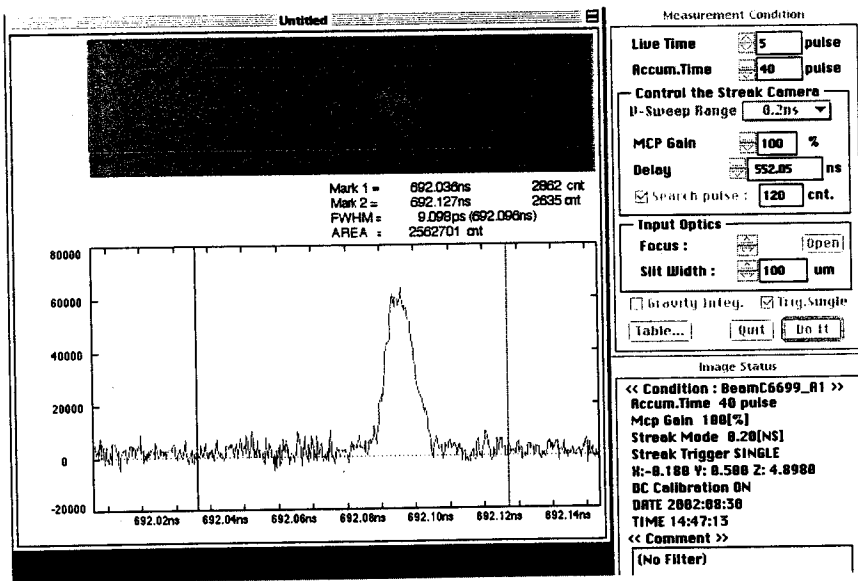
<< Condition : BeamC6699_R1 >>
 Accum.Time 28 pulse
 Mcp Gain 100[%]
 Streak Mode 5[NS]
 Streak Trigger SINGLE
 X:-0.180 Y:0.500 Z:4.8988
 DC Calibration ON
 DATE 2002:08:30
 TIME 14:42:44
 << Comment >>
 (No Filter)

SHBI 29/10/02

14:50

SHBI 24% → 加速エナ

SHBI ϕ 39.1° → 41.5°



J Arc E36子注込

7/21/27-実験 2.2m (beam)

15:30

- phase : data682.phase.all
- E5 : data153.E5.all
- Magnet : data1986.all
- Trig : data209.delay.all
- AccMode : data193.mode.all

2002/4/17, 6m, 7.25, 2.75

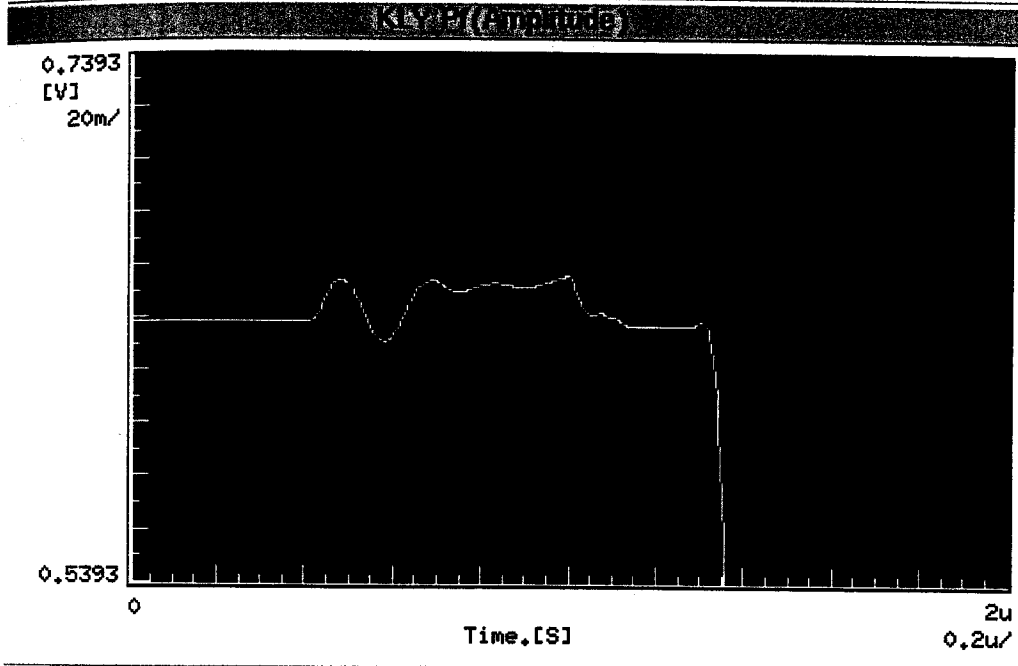
SB_1
(vxi1-2)

Setup/Screen
KLY Pf(Amplitude) : KLY Pf(Phase)

Cont. On

QUIT

Peak Hold



KLY Pf [MW]

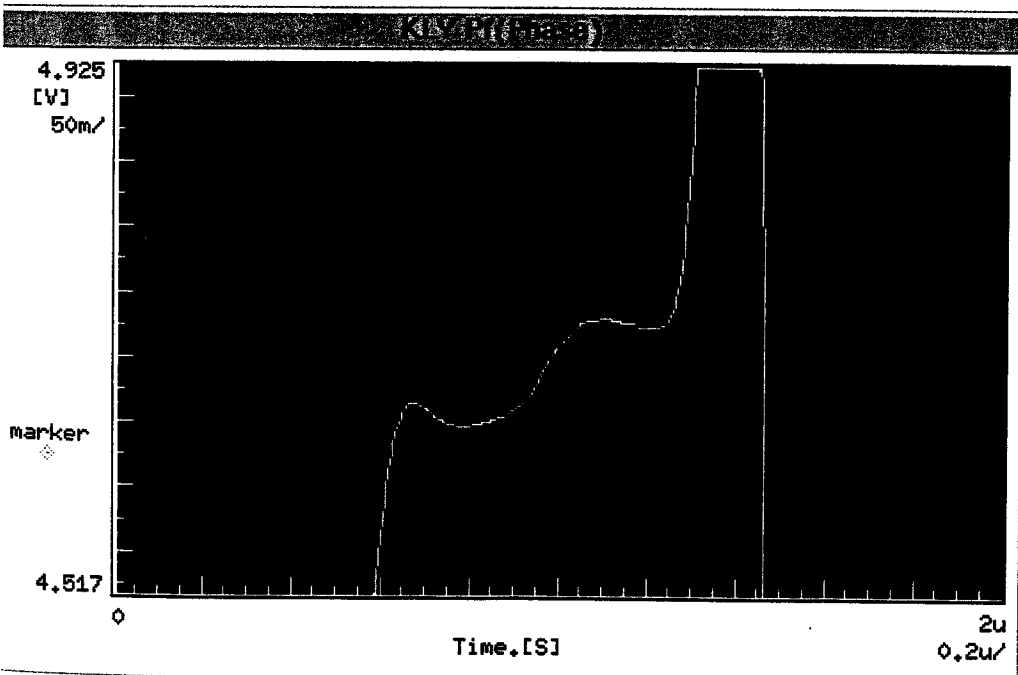
KLY Pb [MW]

VSWR

Es [kV]

I-phi-A [deg.]

Peak [V]
0.656

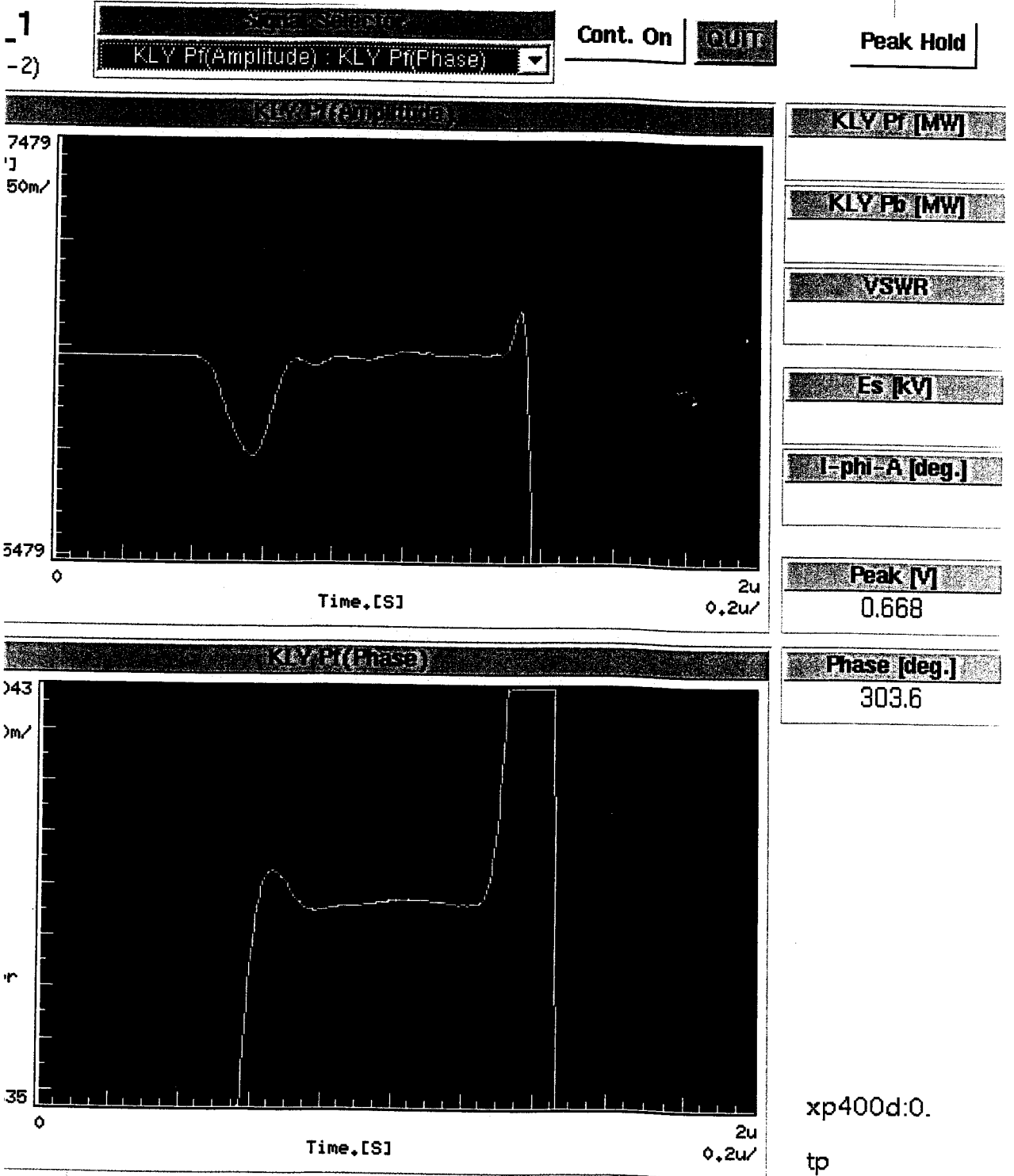


Phase [deg.]
290.9

xp400d:0.

tp

SB-1のコンテナの接続を確認した。とくに異常は発生しなかったが、
 ↓
 下図のように波形的変化が見られる



11:30~ Phasing

SB-3	98 99.7°	MAX	95°に設定
SB-2	185.1°	"	180°に設定されていたので そのまま、
SB-1	82.2°	"	77°に設定
SB-4	107.1	"	102° "
SD C	98.9°	"	94°に設定。
11:53 SB-5	98.9°	"	21 21世 100°にしておく

e+17) 15 までで23h 調査

SB-C	89°
1	72°
2	359°
3	275°
4	282°