

1

8/30(月)

9:35

目録

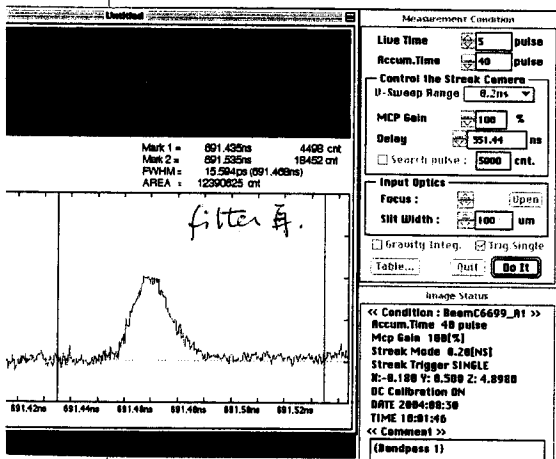
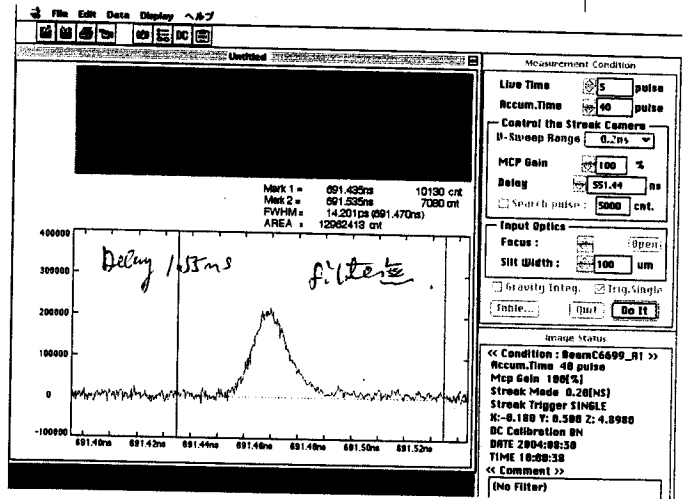
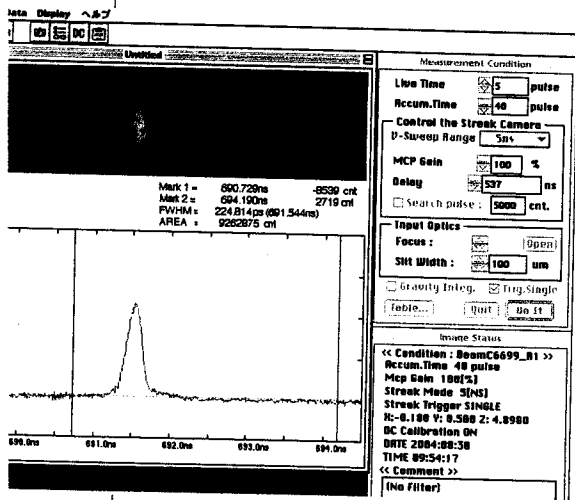
- e- Arc Energy tail
- Gun count ↑ 100% 2.41!

9:45

Al Streak 1=78 count 10% 1.2の値
 Bandpass filter 有り 測定 1.2% 0.2%
 → filter 2 1.2%

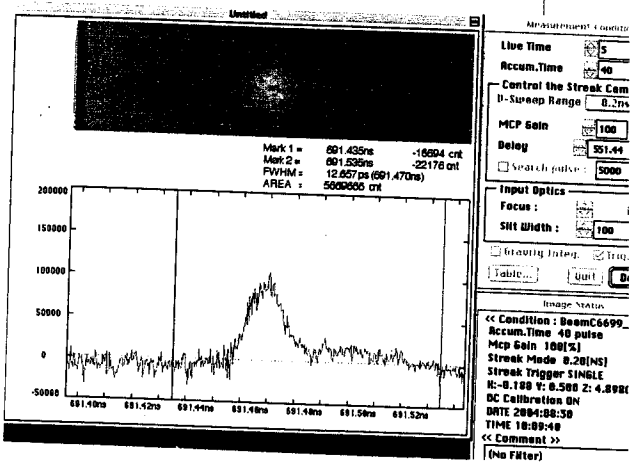
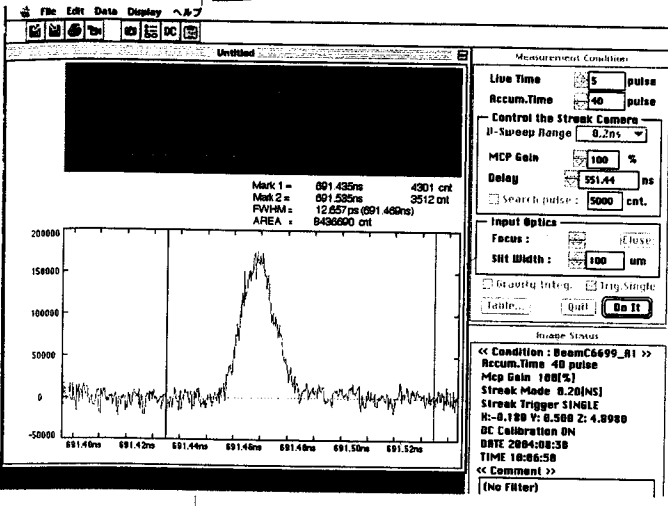
Delay 1.570 ns.

KubE-



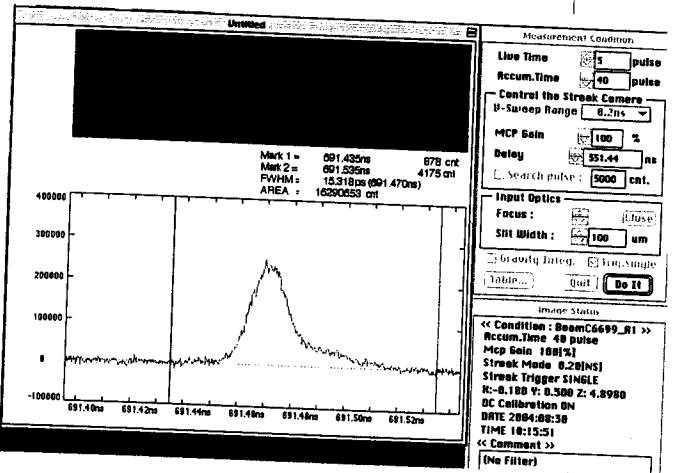
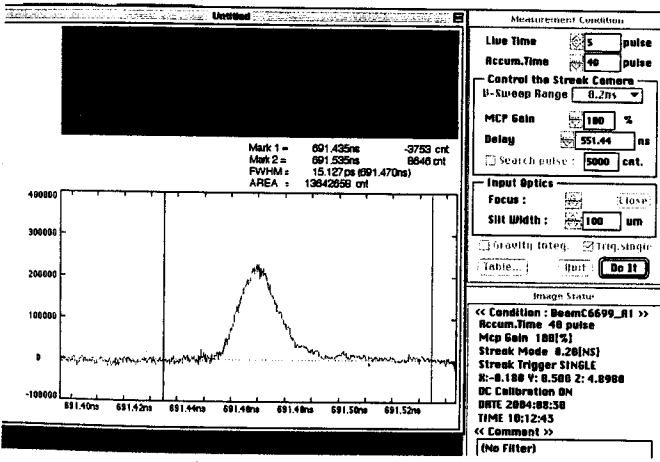
Delay 1.6 ns

Delay 1.7 ns



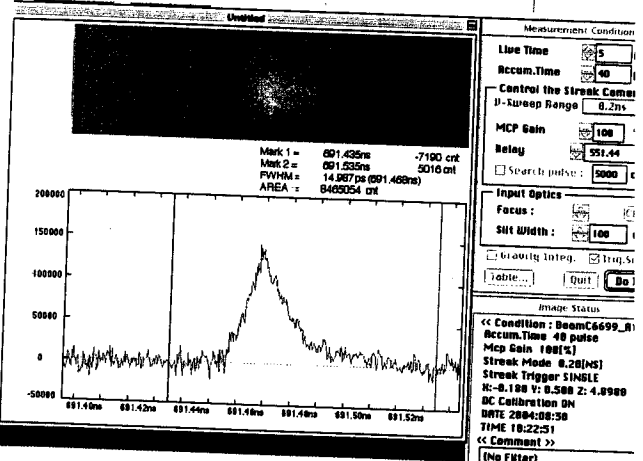
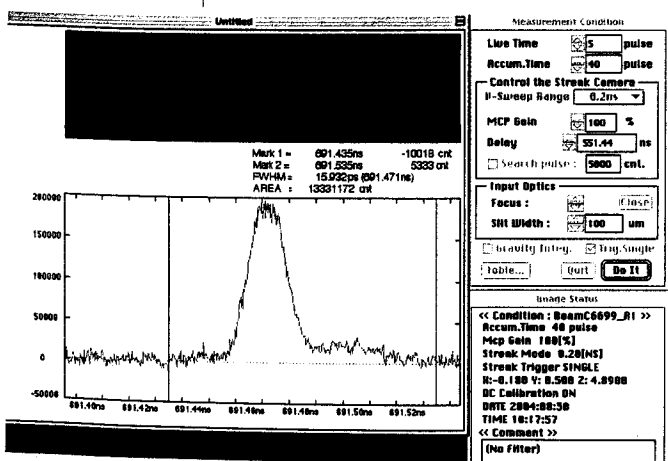
Delay 1.5 ns

Delay 1.45 ns



Delay 1.4 ns

Delay 1.65 ns

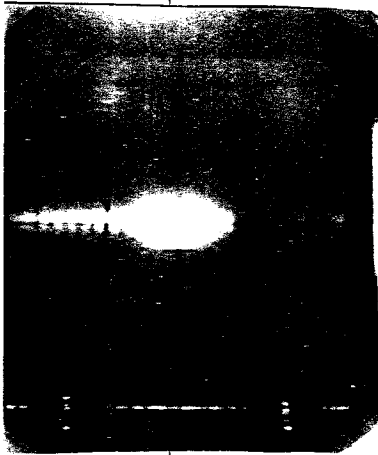


PHB 2 158°
PHB 1 19.6°

Gun delay FB offset

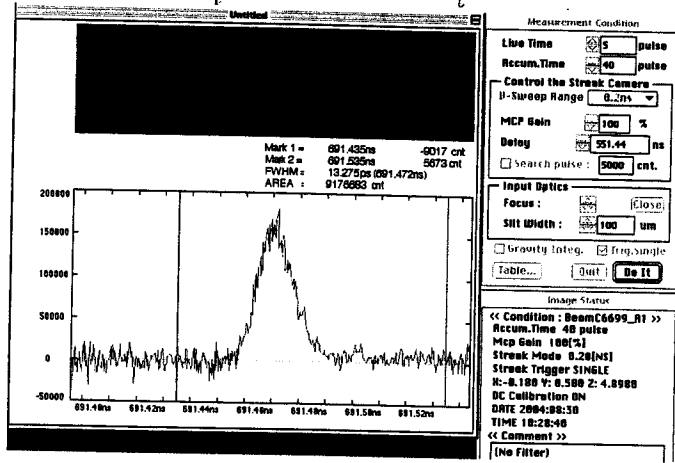
$4.30 \times 10^{-9} \rightarrow 4.382 \times 10^{-9}$ 1=変更

PHB 2 $\phi = 158.0^\circ$ ($\Delta\phi = 0$)



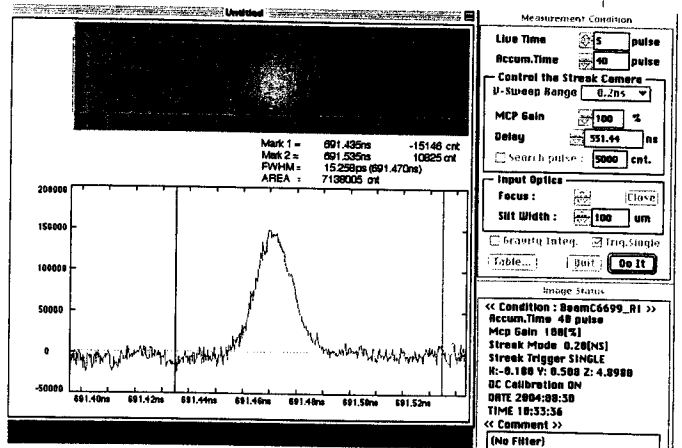
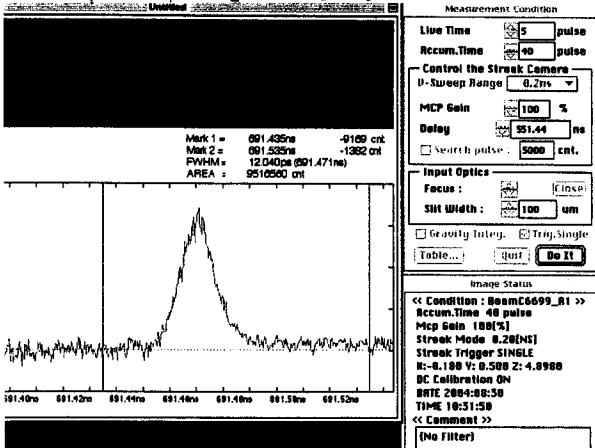
SC-R0-31 画像

Delay 調整後
(SMB 調整前)



102 $\phi = 158.5^\circ$ ($\Delta\phi = 0.5^\circ$)

$\Delta\phi = 1^\circ$

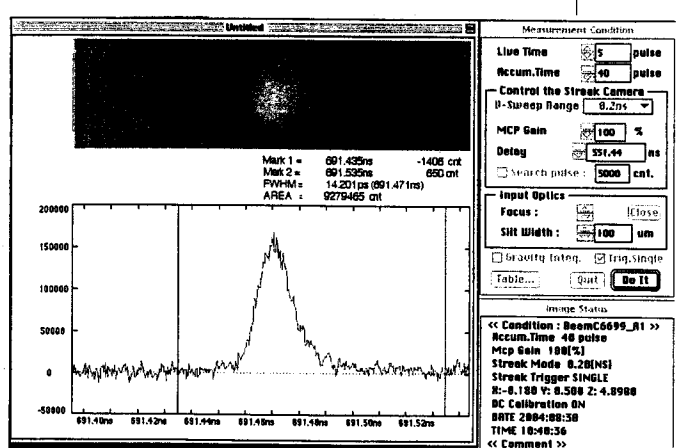
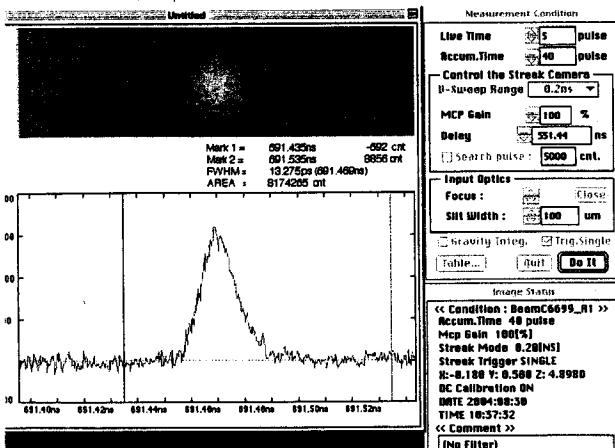


$\phi = 158.5$

($\Delta\phi = -0.5$)

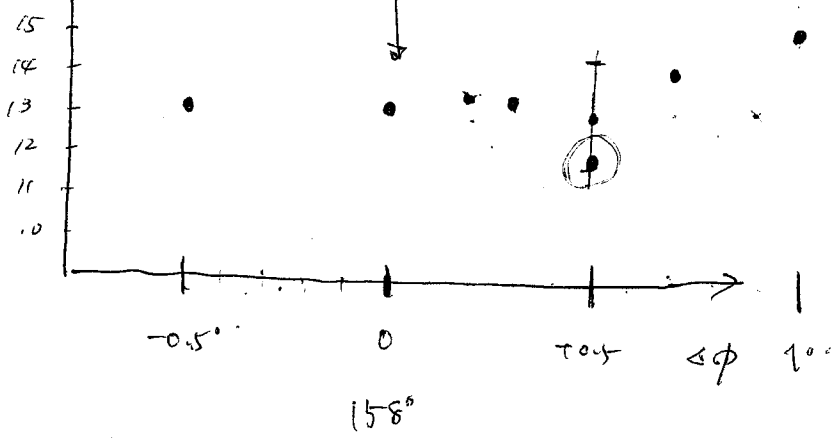
$\phi = 158.2$

($\Delta\phi = 0.7$)

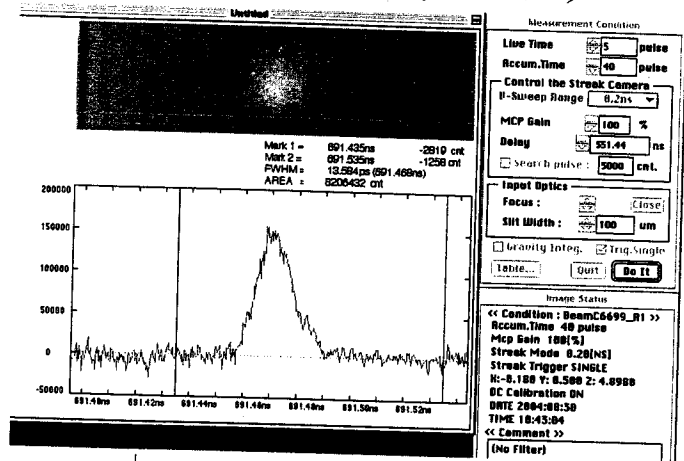


$w = \frac{1}{2}$

Width (ps)

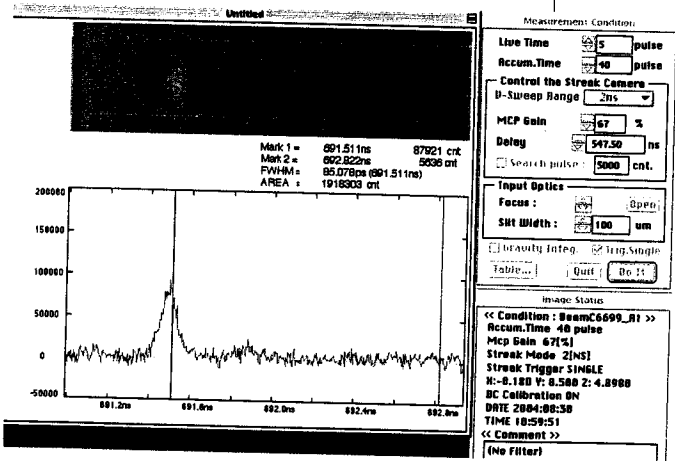
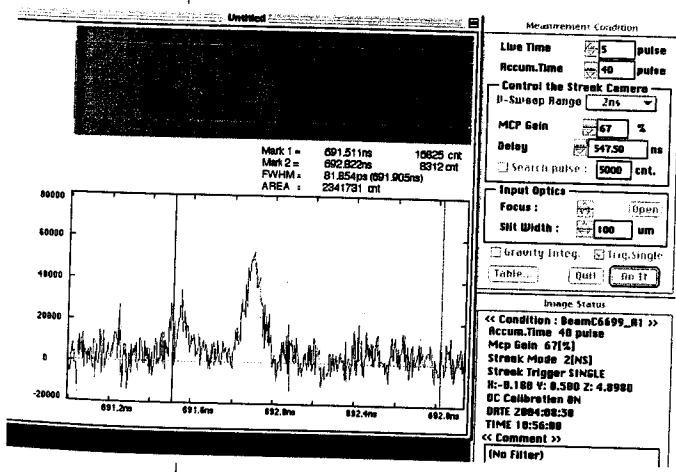


$\phi = 158.3$ ($\Delta\phi = 0.3$)



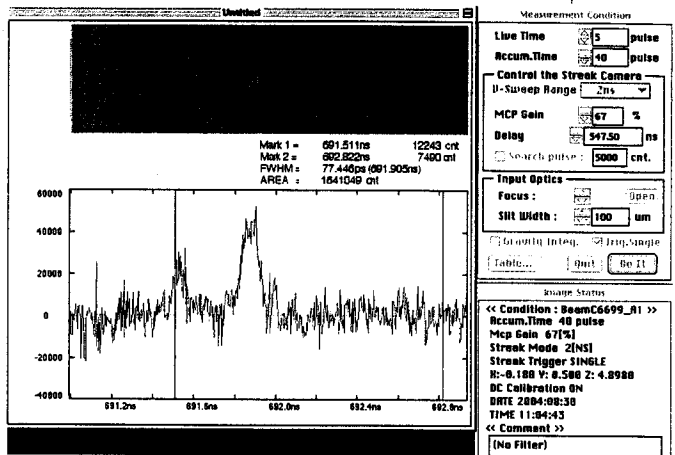
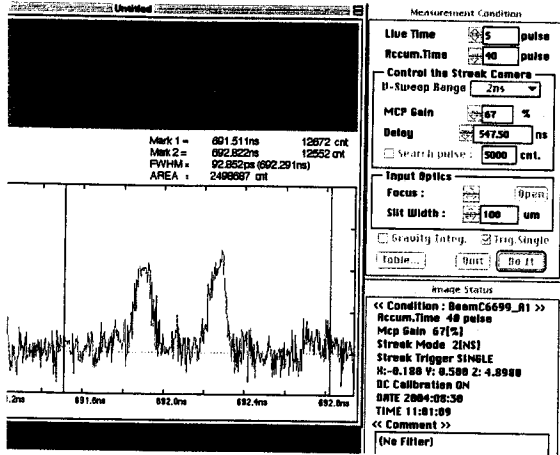
SMB2 sfb mode

SMB2 Acc mode



HB 1.2 ST6

STB / α H ACC



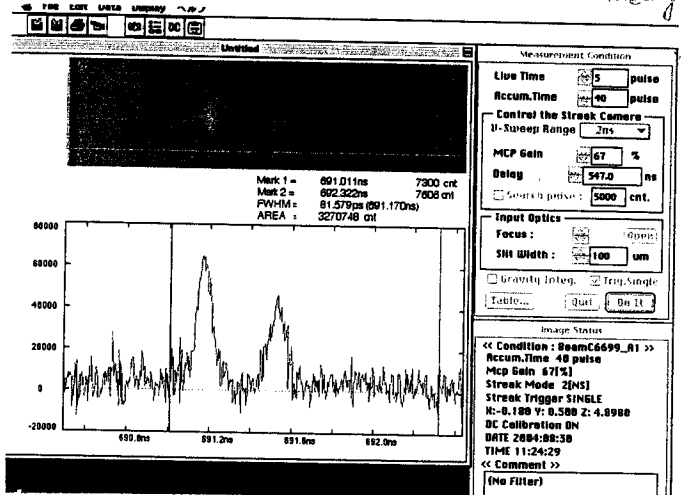
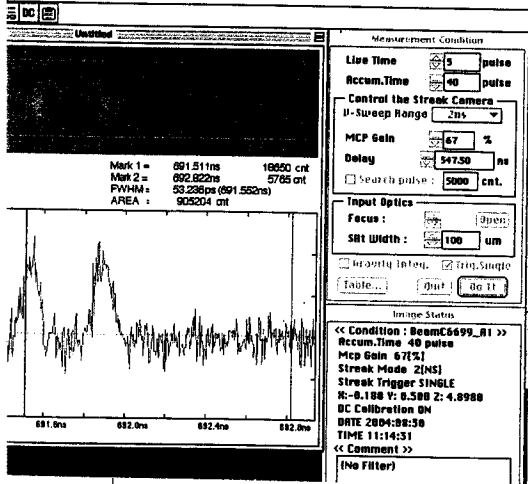
Delay 1.25 ns

STB2 ST6

STB1 34.6

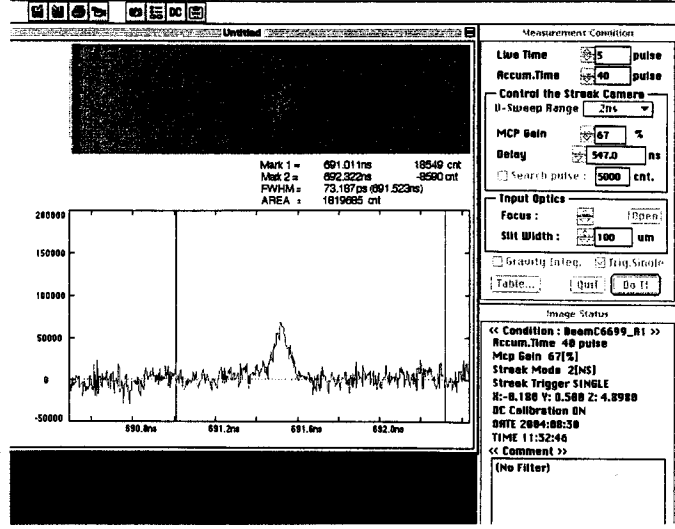
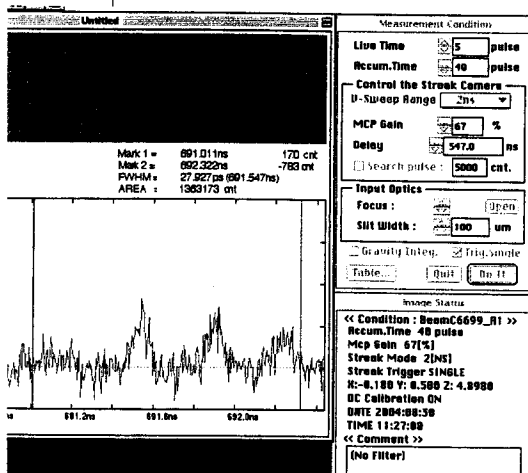
STB2 ST6

Delay 1.1 ns



STB1 29.6 STB2 ACC

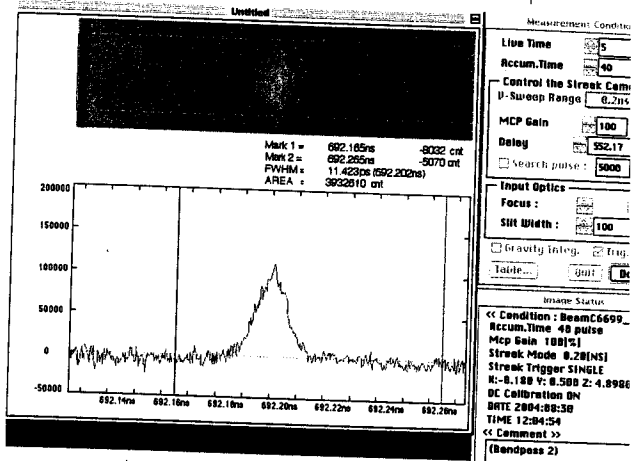
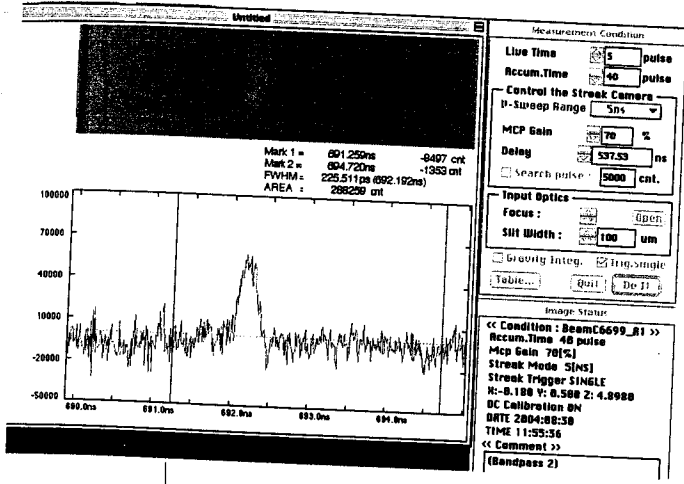
STB1 19.5 STB2 ACC



11-39

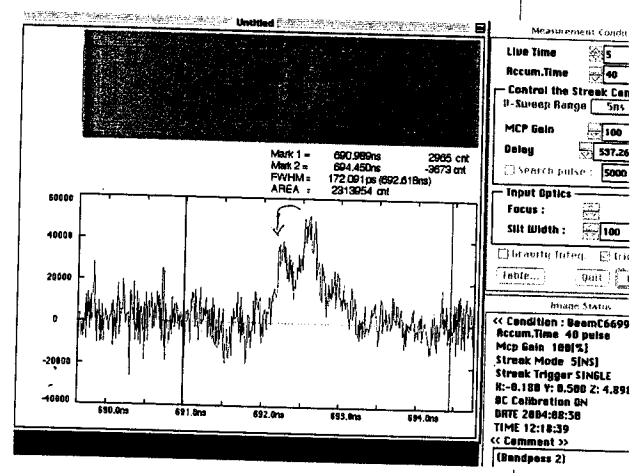
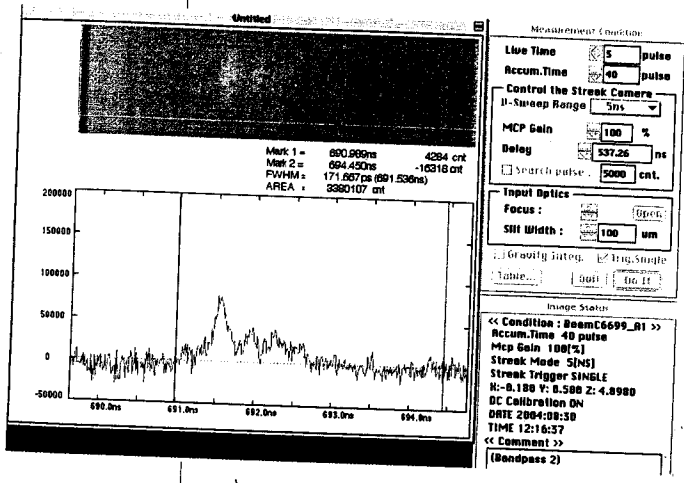
$kckc \rightarrow kck et$ 12 変更
 et 100% 確保

Bunch length 11.4 ps

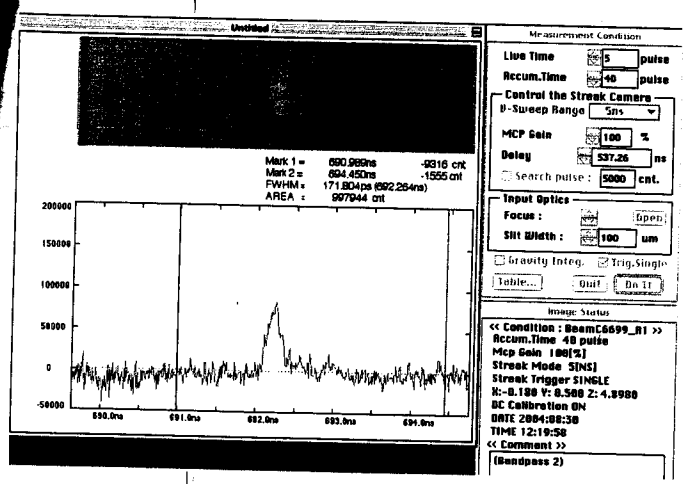


SHB 1, 2 576

SHB 1 acc SHB 2 576



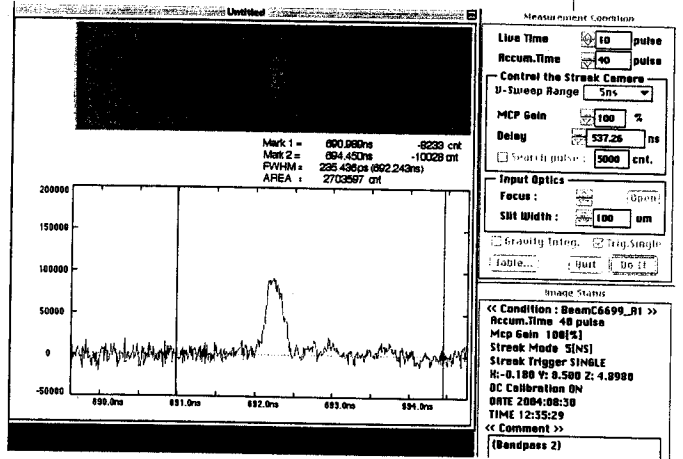
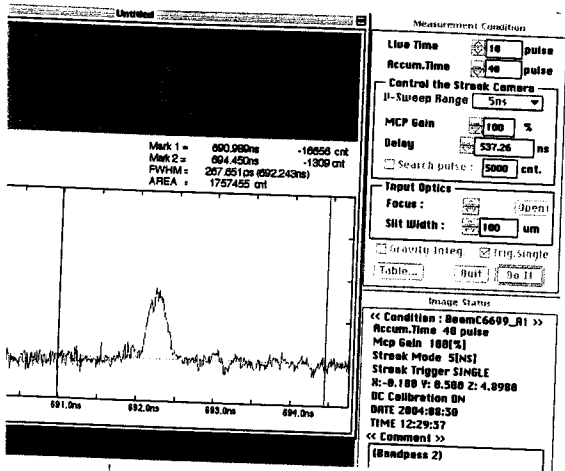
SHB 1, 2 Acc. 576



SUB1 387-1 +6° SUB2 stb.

SUB1, 2 Acc.

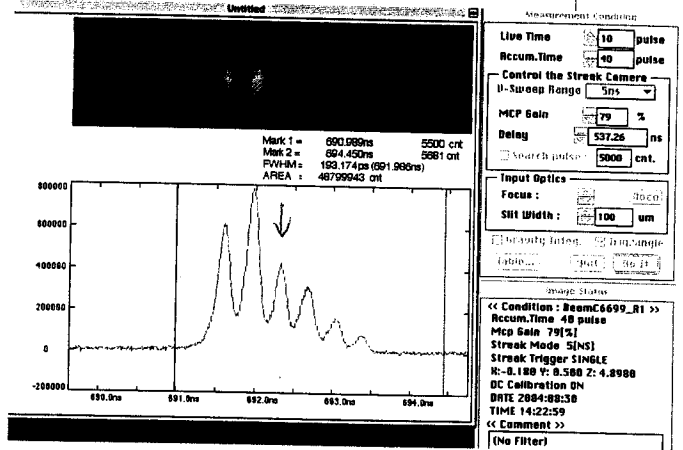
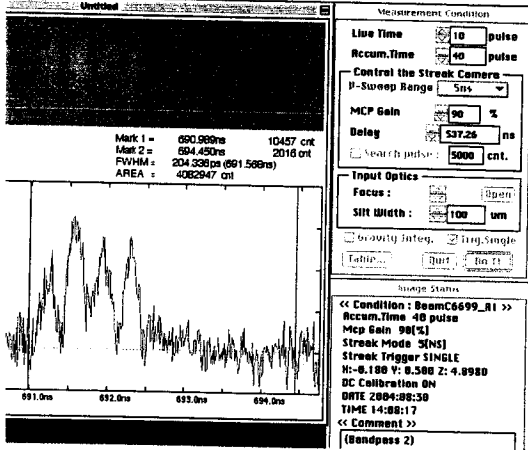
DUANC



KL-48, KL-61 を保守作業 (ガラス窓バッチ)

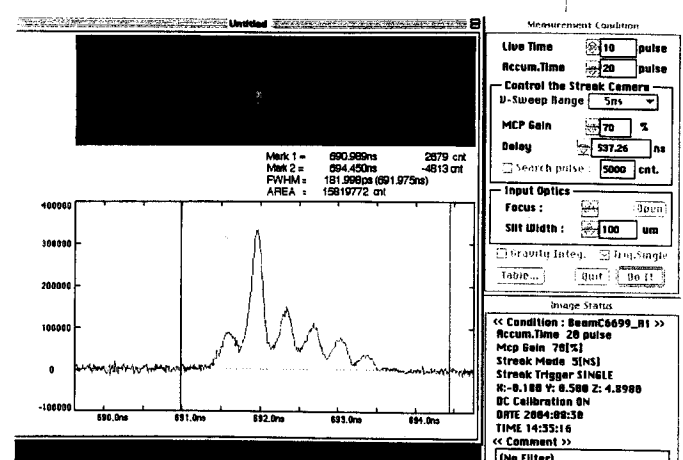
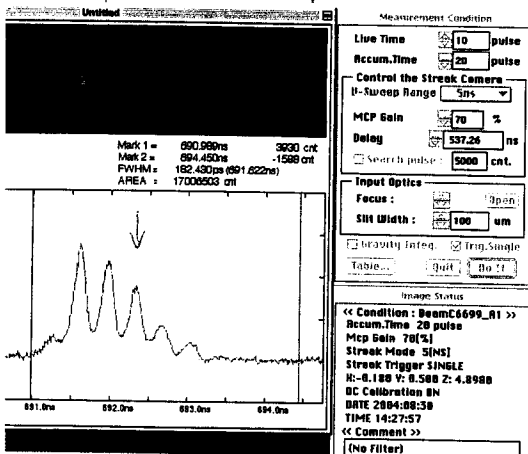
1/58 stb. delay 1.4

delay 1.70



delay 1.757

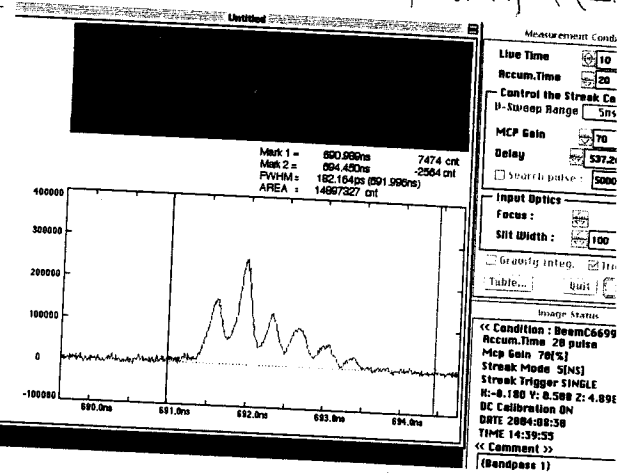
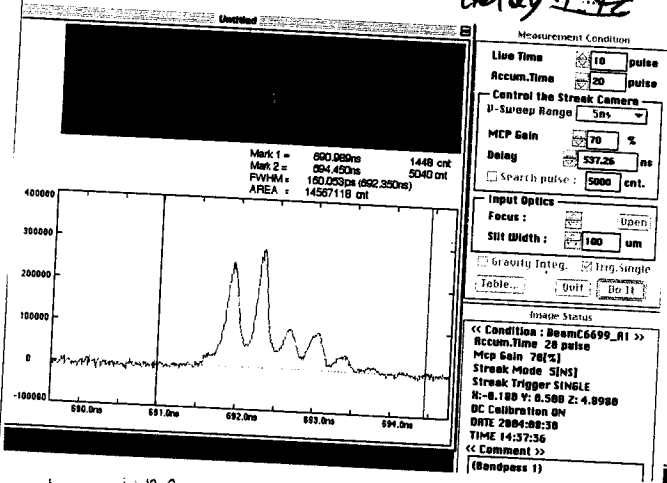
delay 1.80



delay 1.90
1.72

SHB1 363°

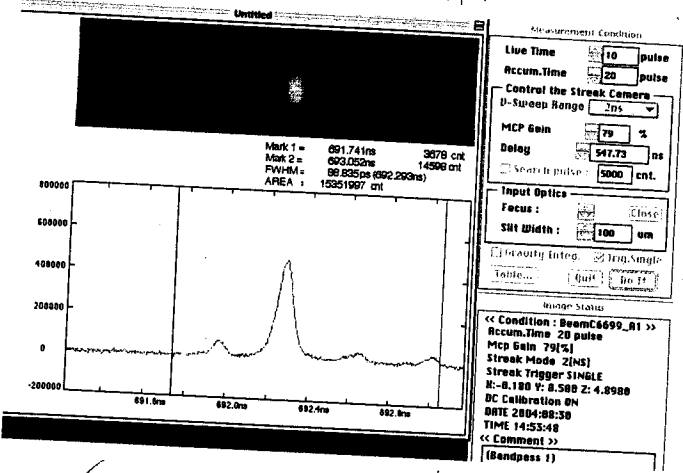
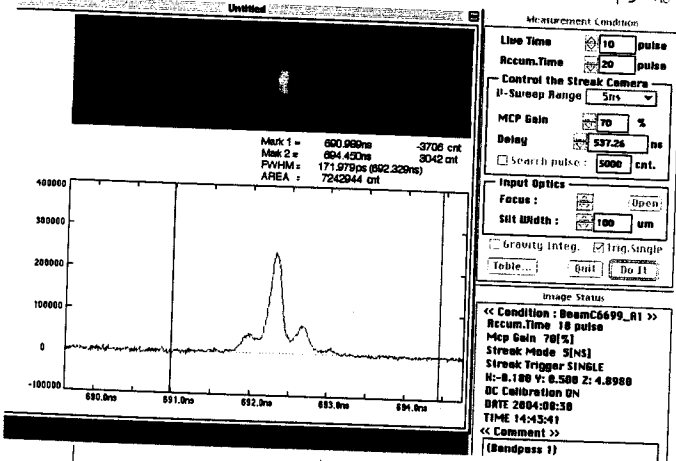
delay 1.92



SHB1 ACC SHB2 STB
delay 1.72

SHB1 356° SHB2 41.4 SHB1, 2 & ACC

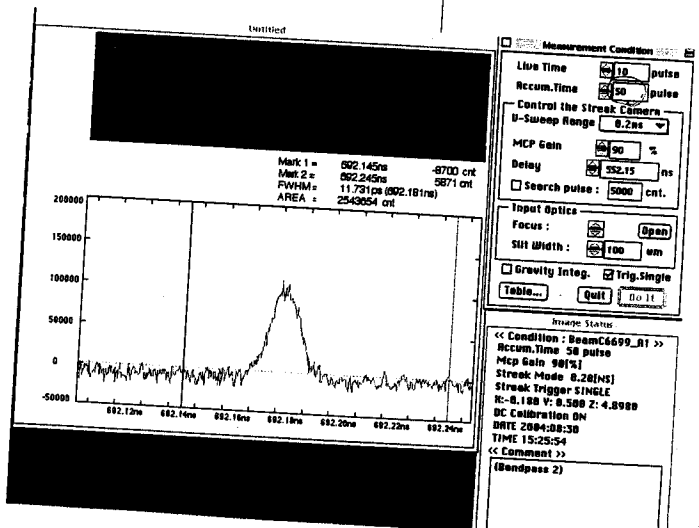
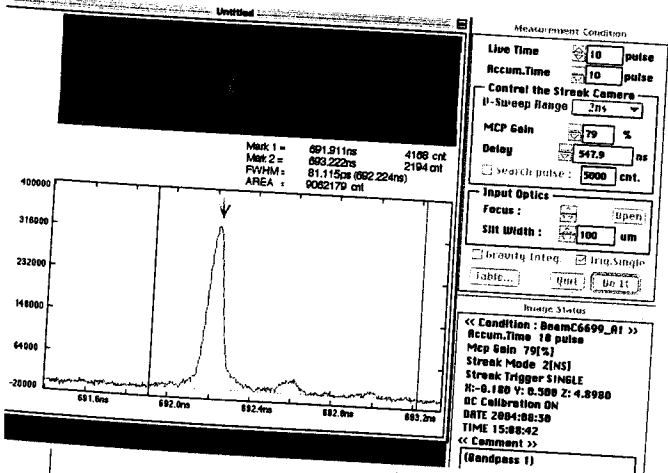
SHB1 356°
SHB2 35.5°



SHB4 352.1°
SHB2 17.6°

SHB1, 2 & ACC

SHB1 354.0°
SHB2 17.6° 16.7°
Gun Delay 1.65 qmc



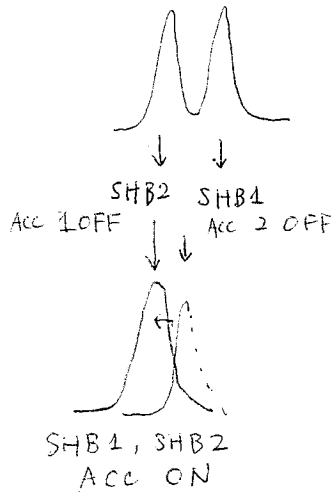
SC-R0-31 で1.5μmストリプが
確認できた。
SC-R0-01 までストリプが通らなかつた。
(Gun delayを0.2μmに、調整が悪いので)

75:40

KEKB入射線ミキサックン⑧ (KEKB主制御室)
98/10/28 の DT Book 参照. (P.194)

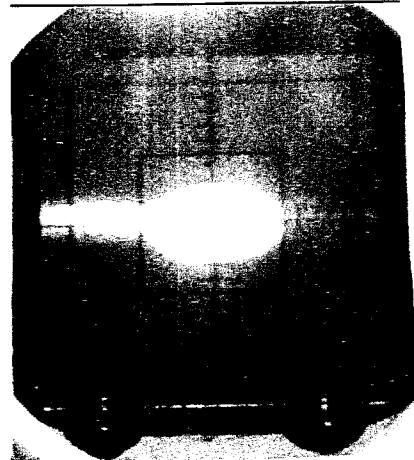
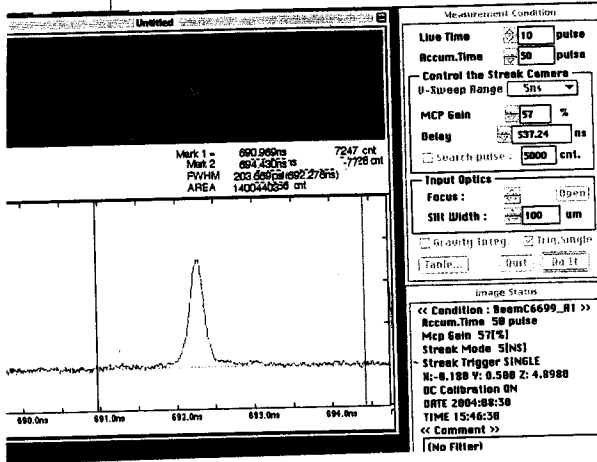
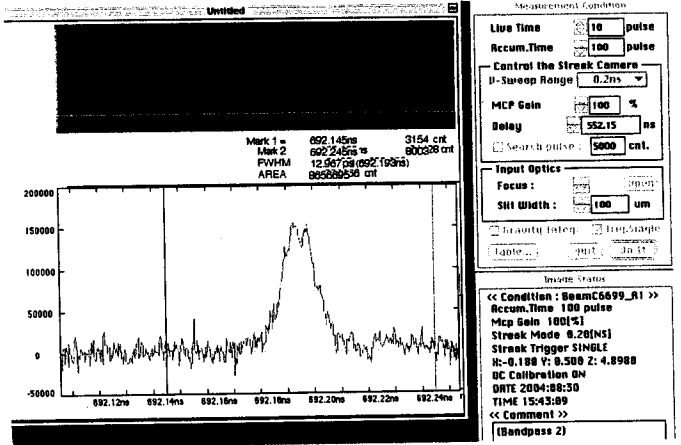
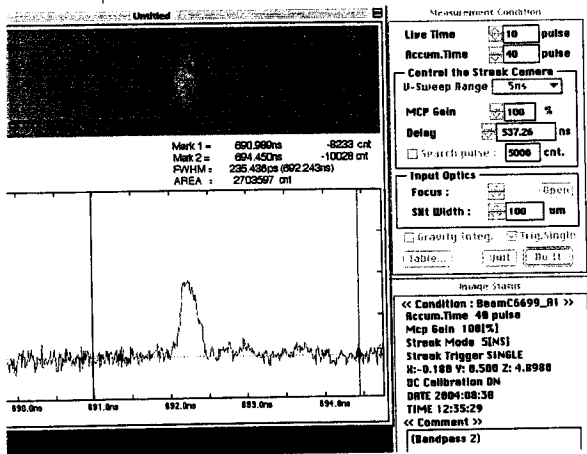
SHB1 で 17 後
SHB2 で 17 前

シングルパルスにある時には、
右図の FWHM に 元値の方が良い。



朝のパラメータに戻る。

9nc

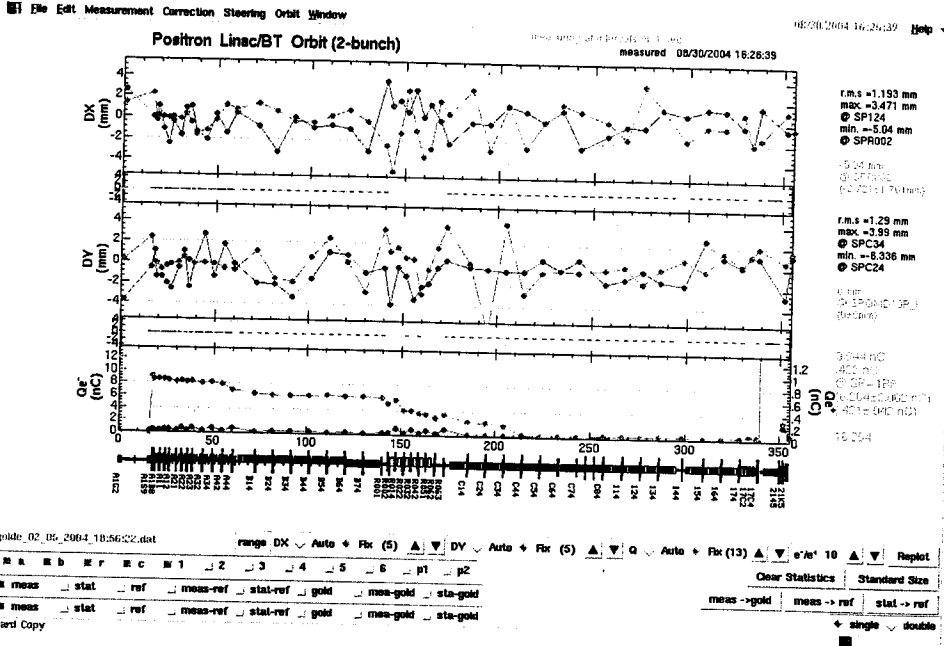


SC-R0-31
SHBA, B の位相は元値 84.7°

軌道補正時に使われるBPM 37

A1-G0
A1-G4
A1-M

軌道補正前



Orbit Correctionプログラムで軌道補正し、J-ARC部は手動調整
 SHB1 32.7° → 35.5°
 SHB2 41.4° → 37.7°
 SHBA, B 84.7° → 85.7° } スポットを良くするように調整

J-ARC部のスリッパ>9°調整を再び行う。

