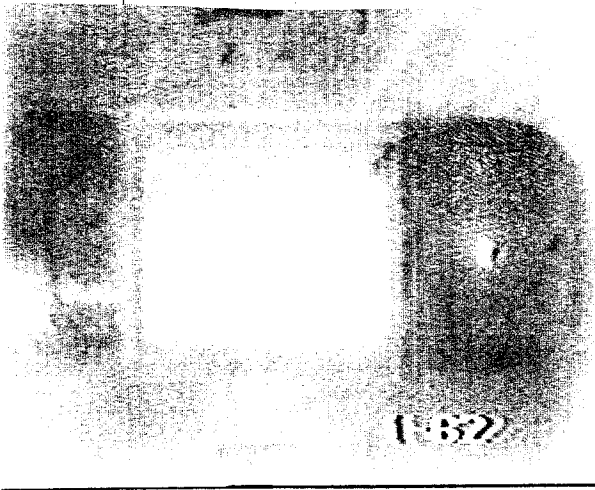


61-A2



61-A3



61-A4

BT: data 3874. all ( channeling 20050109)  
Phase. data 1491. phase. all  
Acc-Mode: data 235. mode. all

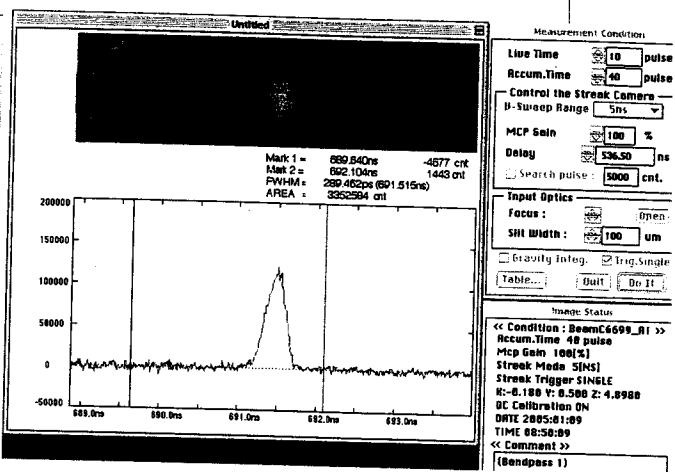
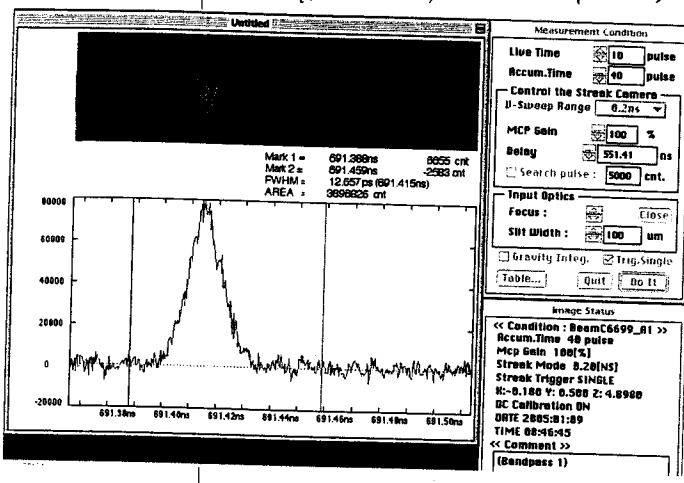
1-5-7"

2005 Jan/9

8=60

Chan 実験の調整.

bcb e<sup>-</sup> 1mc のみ. 0.884mc @ SP-58-4  
 100% のみ 角理12-2  
 A1 の調整 訂正はなし.



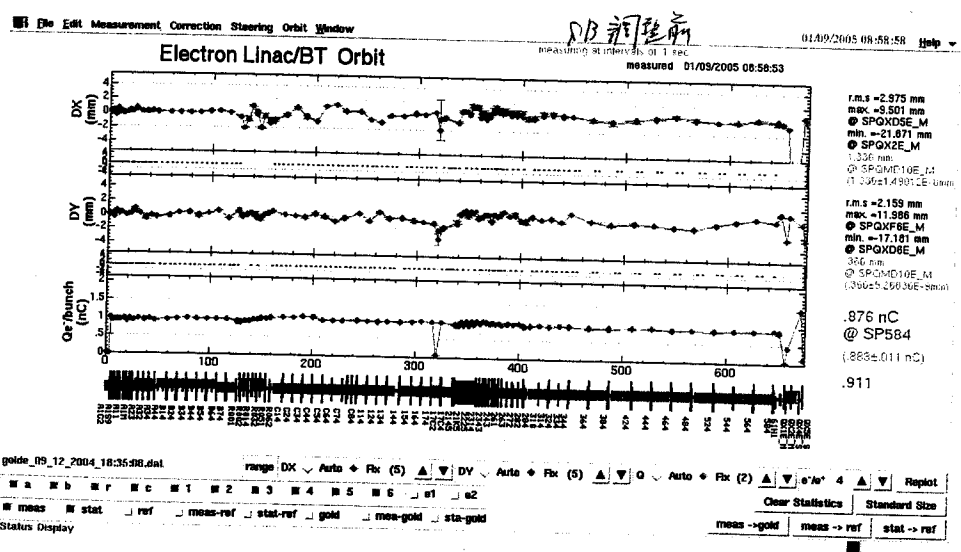
FWHM 12.657 ps. ok.

9202

NB 微調

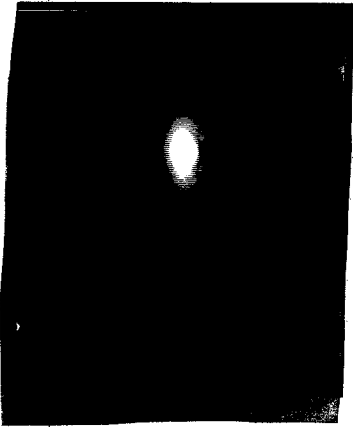
±φ (2θ φ) SBC, 1, 2-4

→ -2.0 deg.



Kekebe<sup>-</sup> Inc. @ 10Hz 7-7

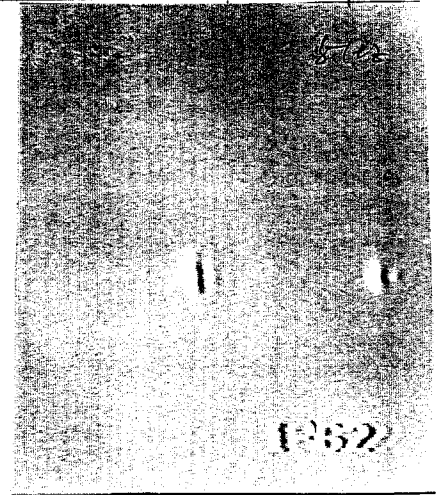
μ51e2



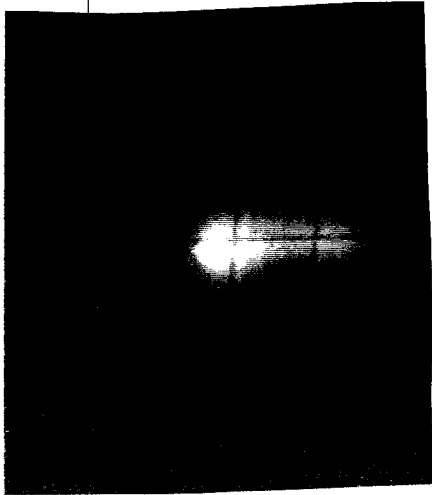
SC-61-A3



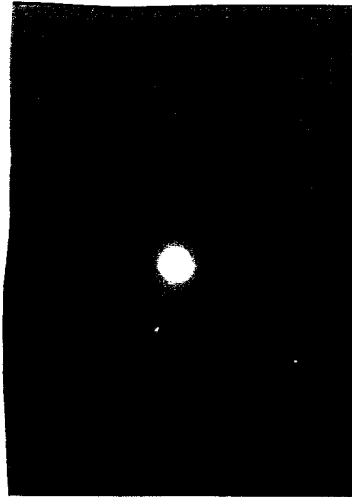
SC-61-A2



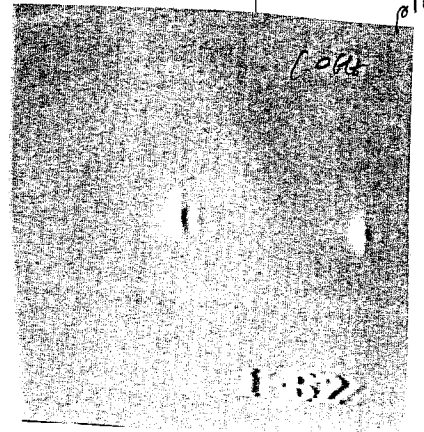
SC-61-A4



SC-61-A1

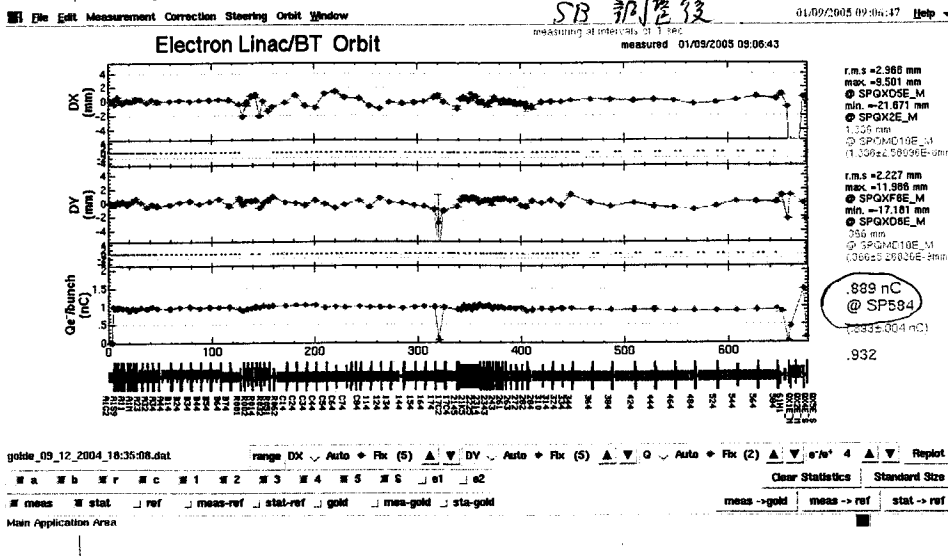


SC-61-A2



SC-61-A4

10Hz



9:27 X-stage  $\Sigma$  の位置を定める。(settle する)

9:28 WSP - 220+ - 調整

flat film  $\Sigma$  更新の仕様. phasing  $\Sigma$  新機=1200.  
調整の方向を更新の仕様?

9:50 調整の上での 位置調整の計画

$$BS-61-A2 = -10. A$$
$$BS-61-A3 = -10.0 A$$

この方向は 調整の方向を定める

$$BS-61-A1 = 0 \text{ 方向} \rightarrow 2.714 (A) \quad \text{OK. PWI = 調整}$$

Vertical  $\Sigma$  の位置を調整する

$$\begin{cases} SY-61-A2 = 0 \\ SY-61-A1 = 2.578 (A) \end{cases}$$

$$QA-61-A1 \quad 9.615 \rightarrow \Sigma = \bar{\Sigma}$$

調整の方向を定める

$\Sigma = \bar{\Sigma}$

$$BS-61-A1 \Rightarrow \text{調整} = \bar{\Sigma}$$

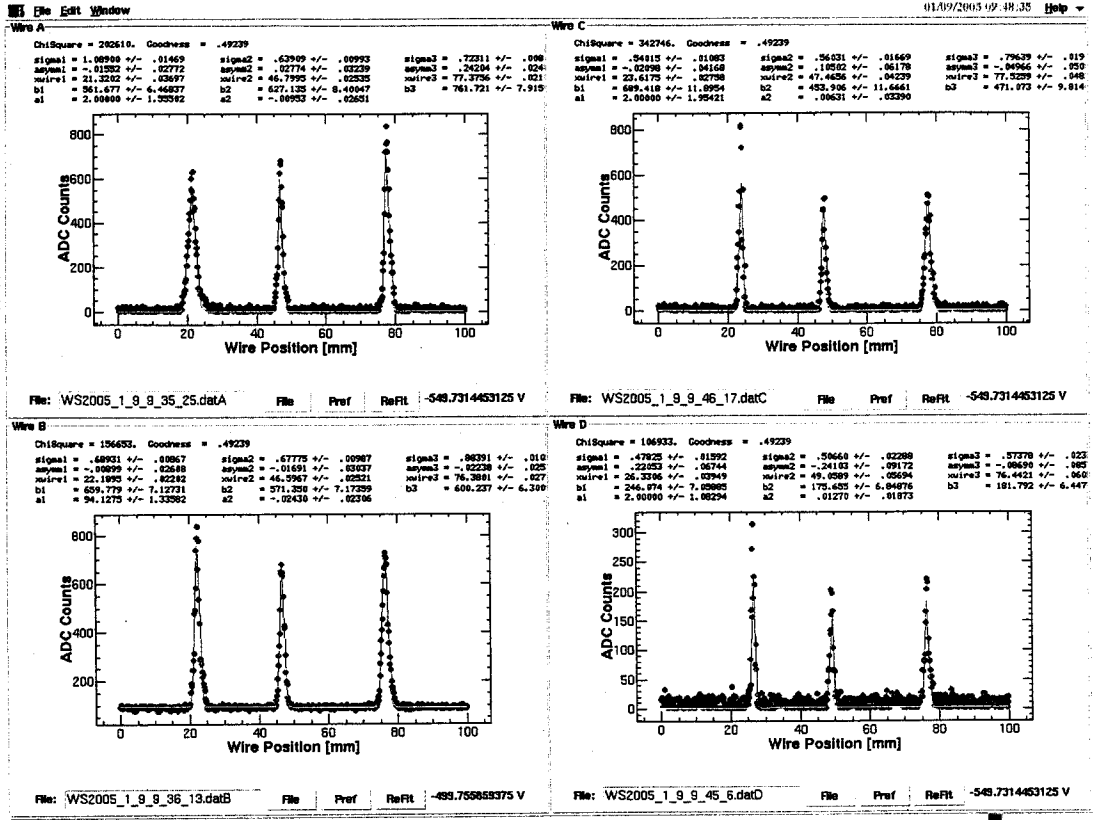
Main Bend 61-A1  $\Sigma$  調整. nominal 191.209 A.

調整の方向を定める (補助の方向を定める) 位置調整の方向を定める

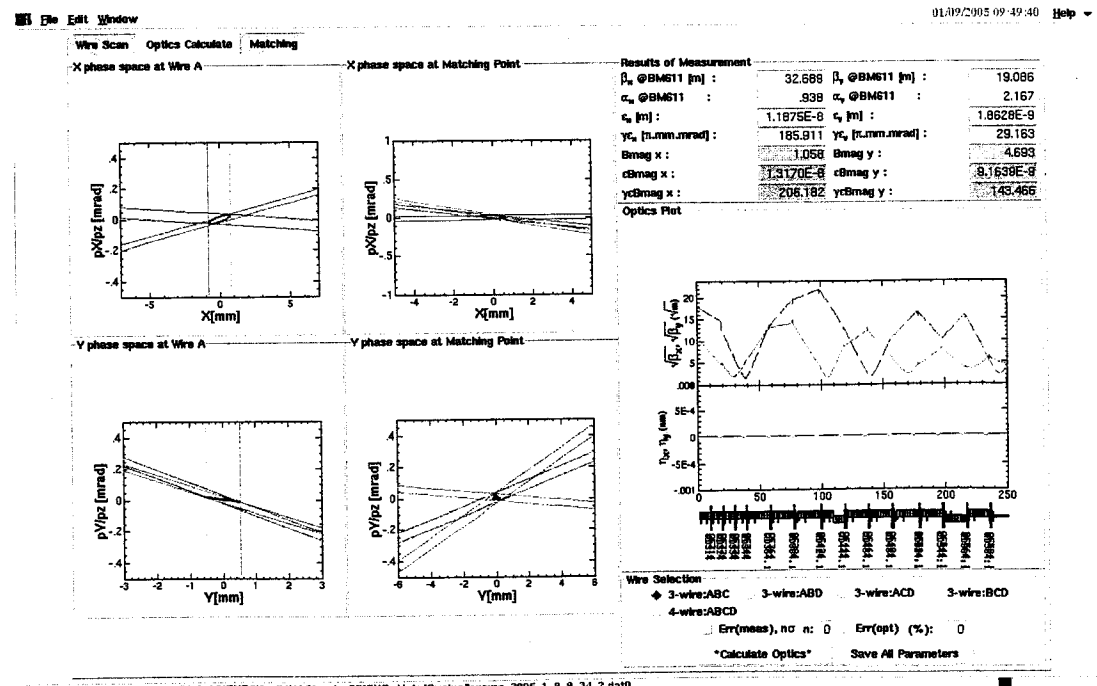
SC-61-A1 調整の方向を定める Main  $\Sigma$  BS  $\Sigma$  調整の方向を定める 位置調整の方向を定める

$$BS-61-A1 = -0.486 A \quad (\leftarrow \text{調整の方向})$$

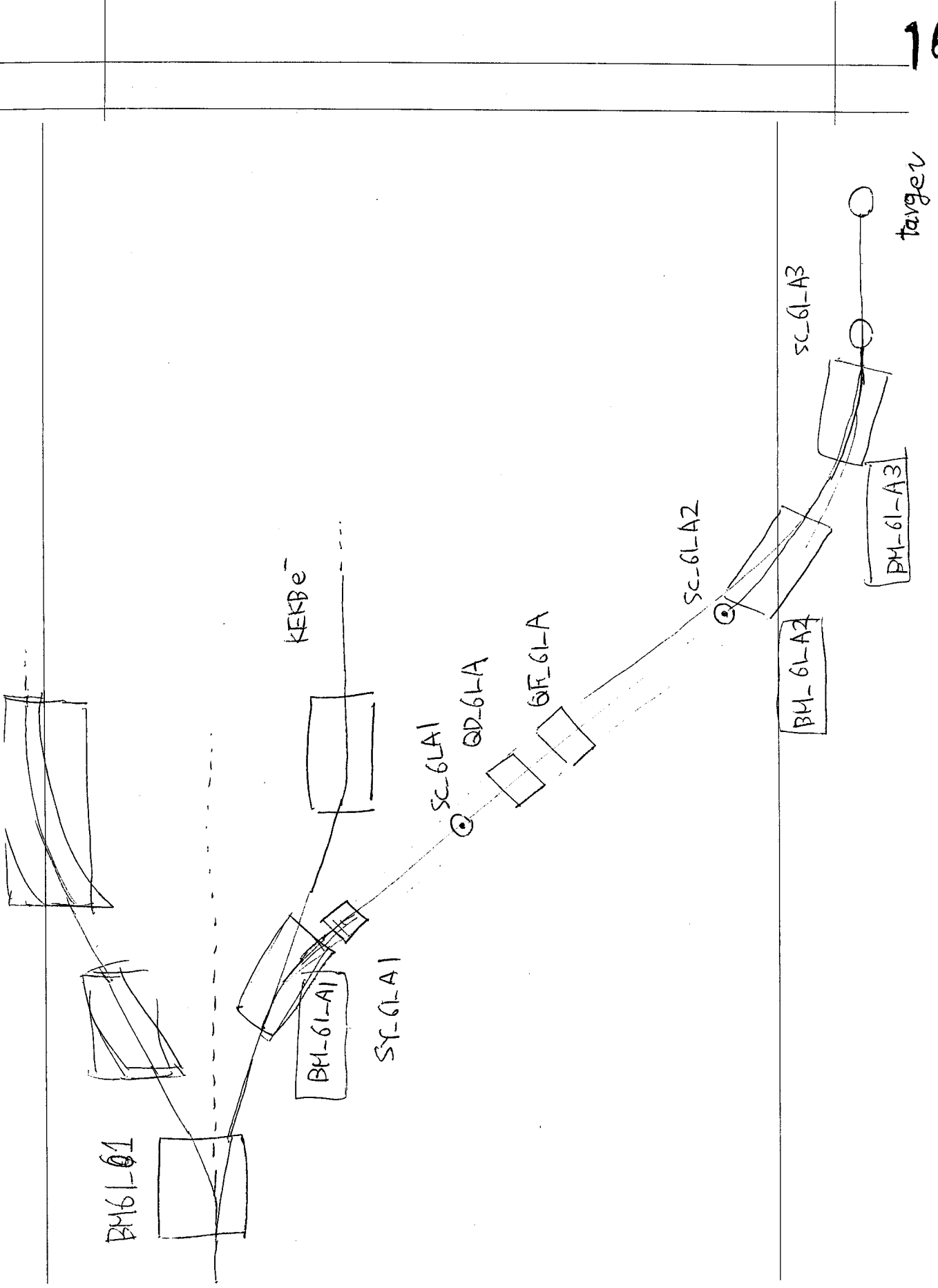
$$BS-61-A3 = -10 \rightarrow \text{調整の方向は Bend } \Sigma \text{ 調整の方向}$$



Hard Copy



Qmag values were SAVED to \data1\KEKB\Wire\LINAC\sector5\KEKBe\data\Qvalue\qname 2005 1 9 9 34 2.dat0



$$\frac{\Delta}{4\pi} = \frac{1}{20} \text{ rad}$$

BM 61-A1 及び 移動方向 = Set あり.

移動あり. 189.5085 (A) → 187.204 → 189.011 <sup>final</sup>.

BS-61-A1 4.916(A) (= Set) → 7.934.

BS-61-A3 -10 → -8.129 (A) → -6.200 <sup>final</sup>.

ST-61-A1 2.575 → 1.256 (A) <sup>final</sup>.

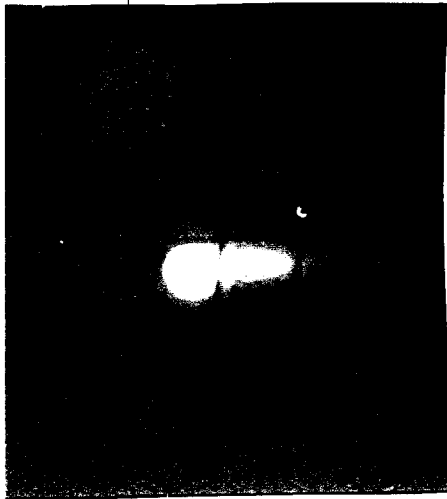
Energy knob 8.000 変更なし.

Energy FB off

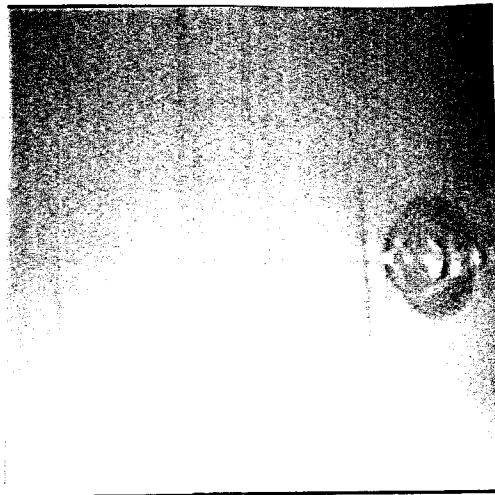
BS-61-A2 -10 → -8.000 → -6.015

10:50

ST-61-A2 off



SC-61-A1

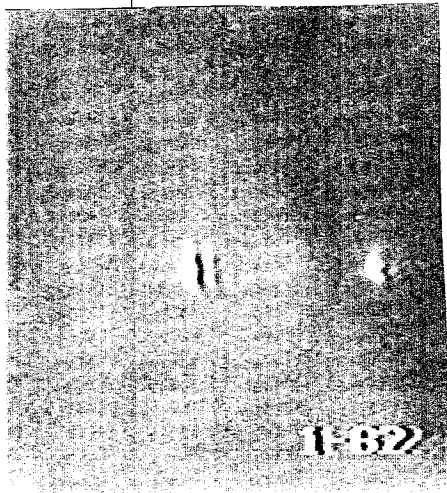


SC-61-A2



SC-61-A3

61-A3 2nd channel 出力は 高エネルギー  
降下時に 直中に 材料 照射 停止



SC-61-A4

調整後のパラメータ

ACC Mode: data 236, mode, all (channeling 20050109-

Mag : data 3877, all ( 7

RF-Phase: data 1494, phase, all ( 17

にセーブ

21:40

0.1mc 0.4 訂正

Gun "050108-0.1mc" load.

SB C1, 2, 3, 4

$\Delta\phi = 0.6 \text{ \AA}$

QF-61-A1 9.420 → 9.536 A

QA-61-A1 9.615 → ~~9.615~~ 9.681 A

SC-R0  
-31

SC-R0-31

SC-61  
-A1

SC-61  
A2

SC-61  
-A3

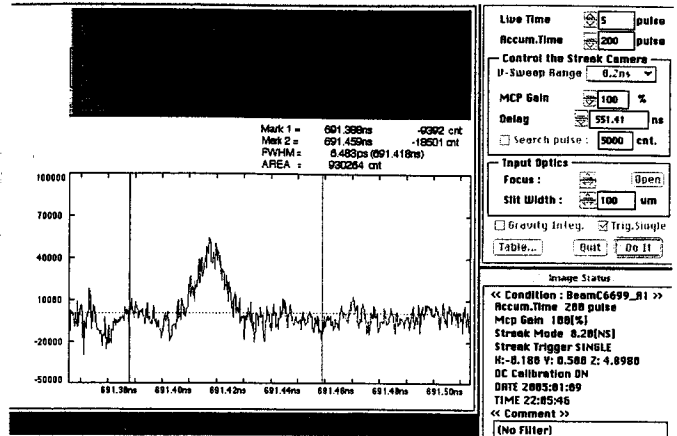
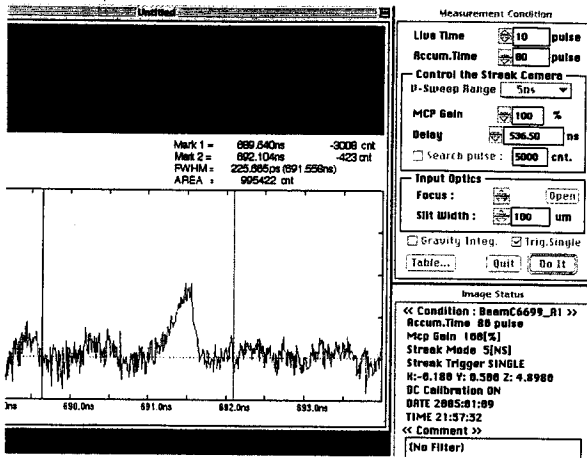
SC-61  
A4

1-827



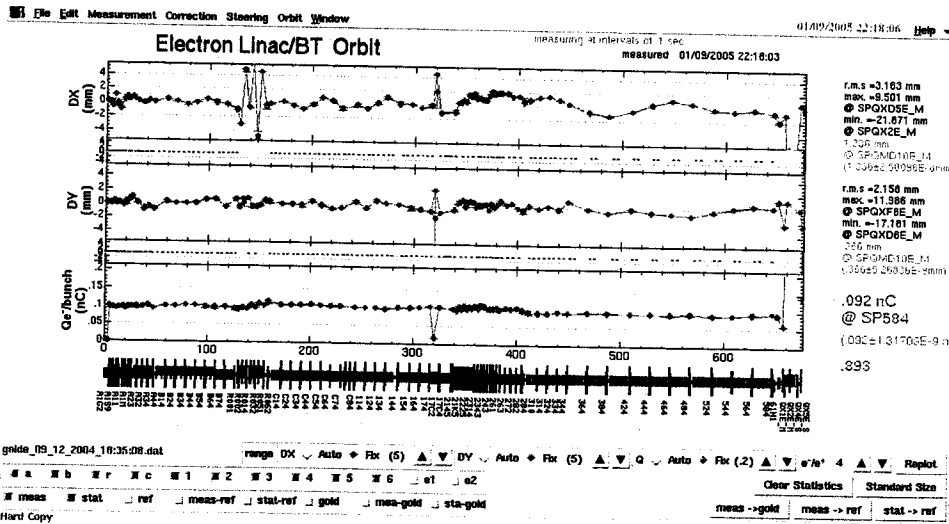
22:05

ハコノ電圧計測



22:15

ワコノ電圧計測



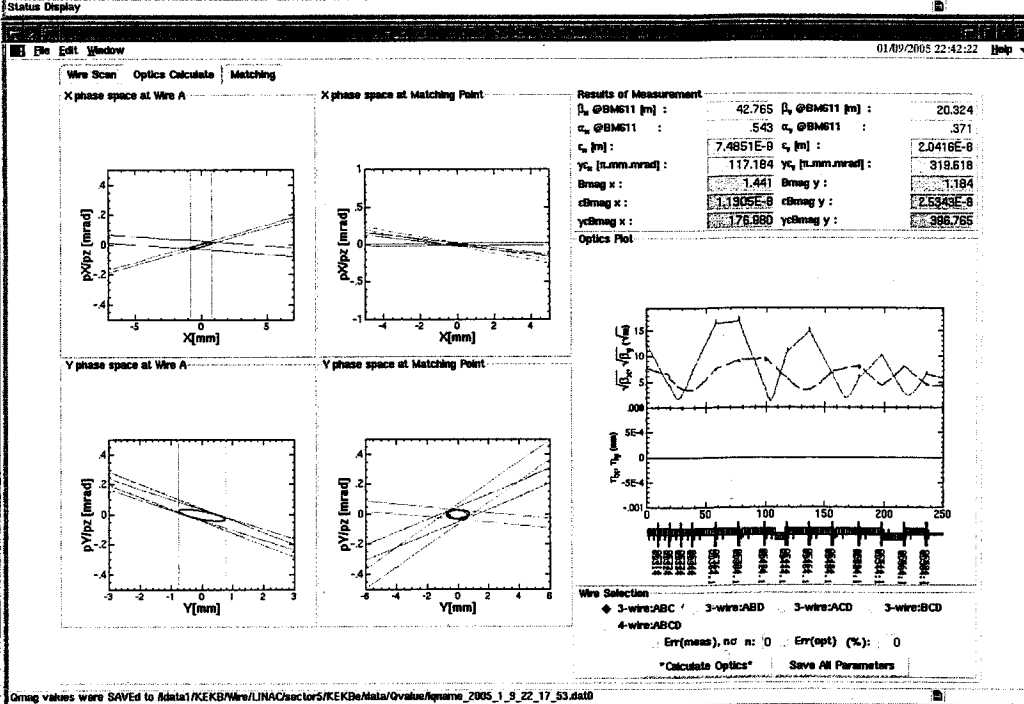
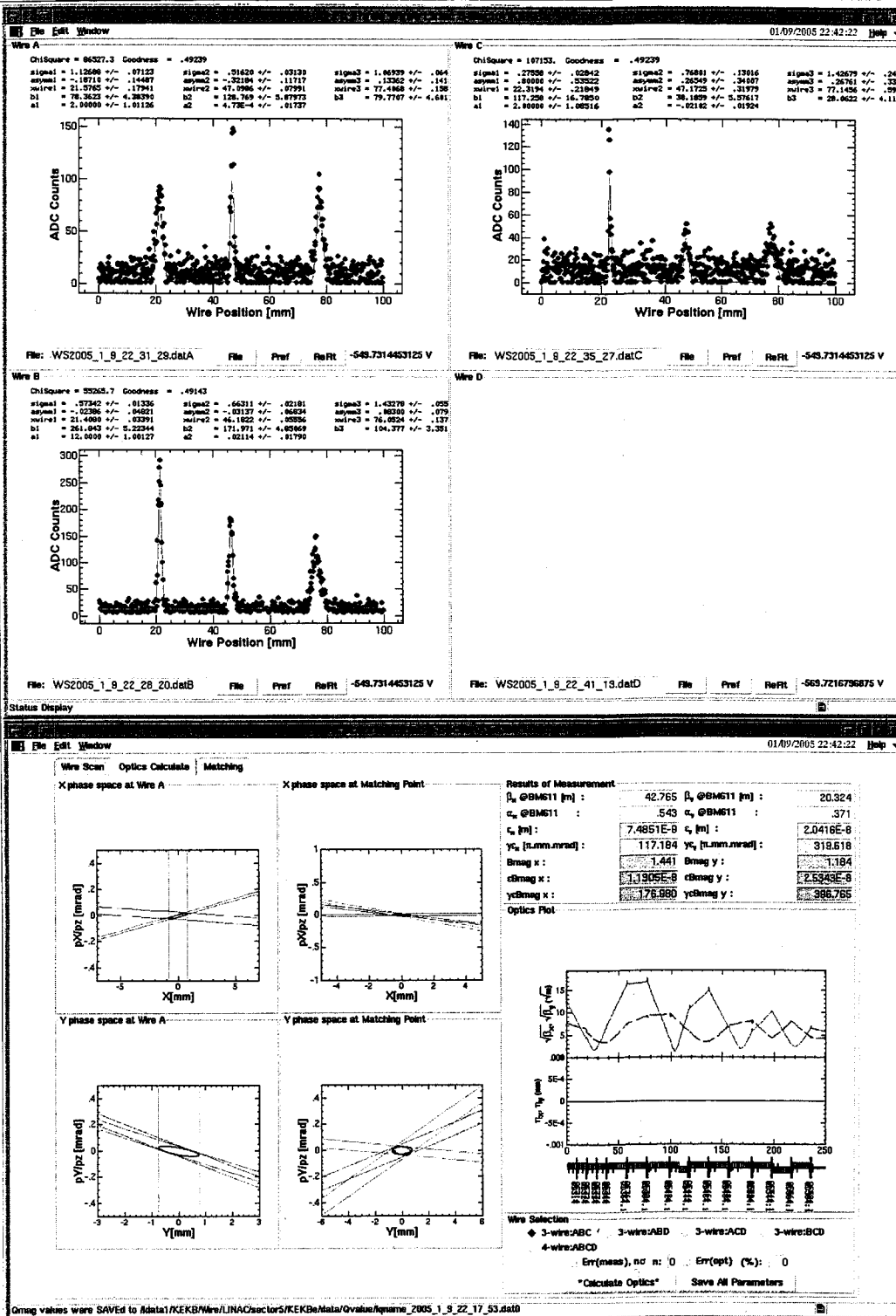
調整後のハコノ

Acc Mode: data 237.mode.all (channeling 20050109-3)

Magnat : data 3878.all ( ; )

RFI-Phase : data 1495.phase.all ( ; )

1:セーブ



03:36 BT : data 3789.all (channeling 20050110)  
 Phase : data 1496.phase.all ( " )  
 Acc-Mode : data 238.mode.all ( " )  
 k e - T