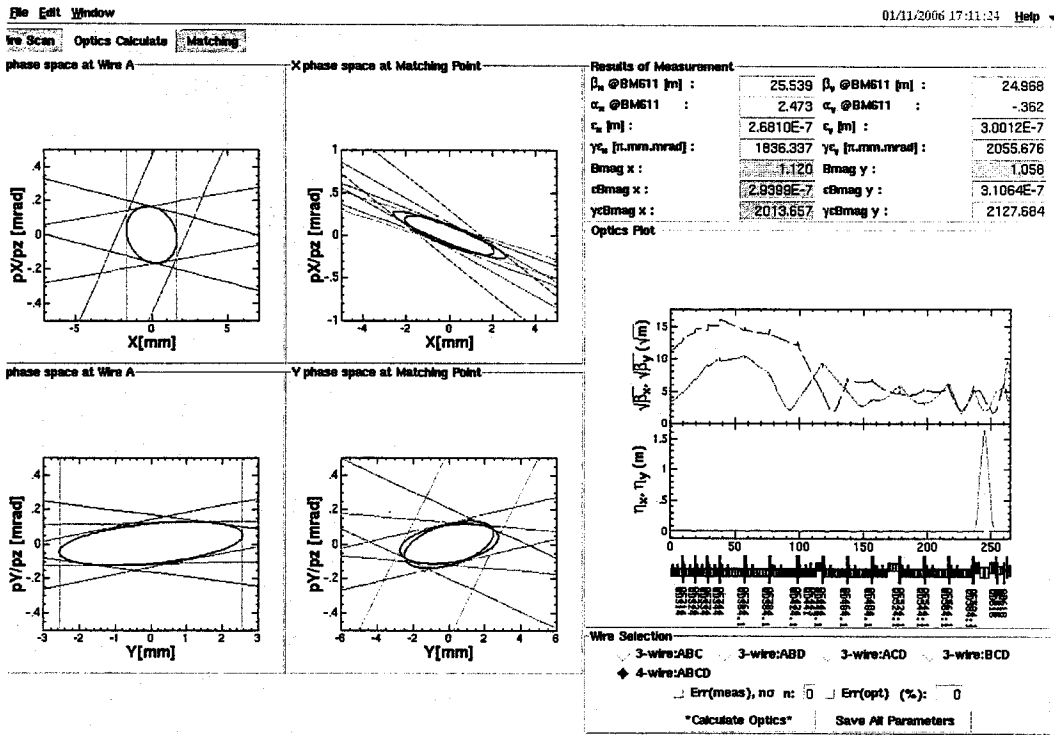
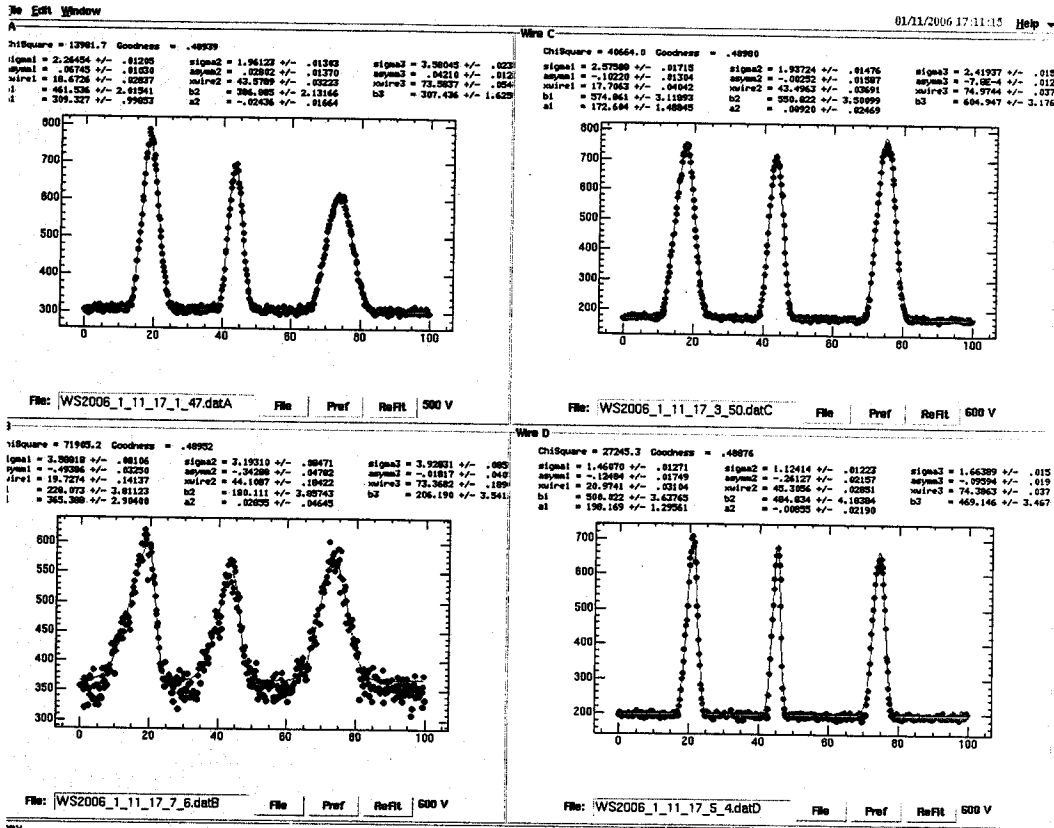


second.



2006/01/11

C-band

新谷, 杉村
横山

KEKB $e^- \epsilon - 1''$ $8 GeV$

4-4

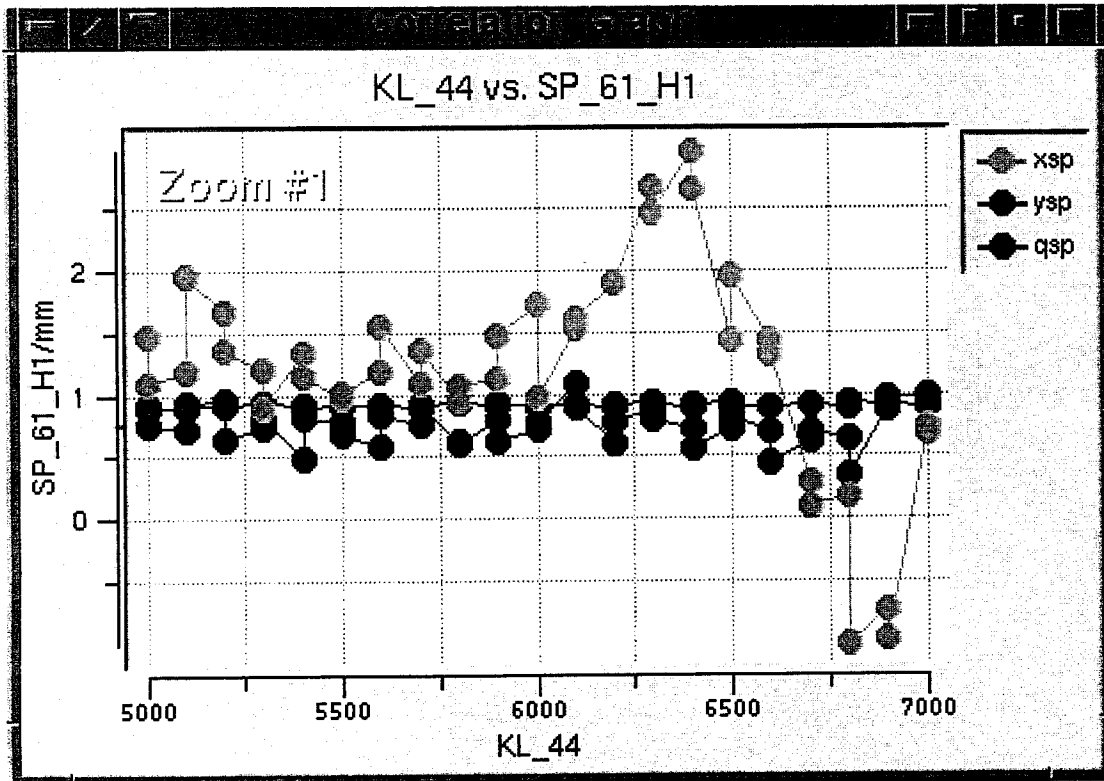
1. EnergyFeedback OFF

2. 4-4 ACC SC-61-H ^{5-43m} 中央に ϵ を ϵ に Energy knob を ϵ に ϵ 。

3. Simple Correlation KL-44 vs. SP-61-H1 @ $E_s = 43 kV$

Phase = 171.8°

KL-44 @ 6860 nsec.



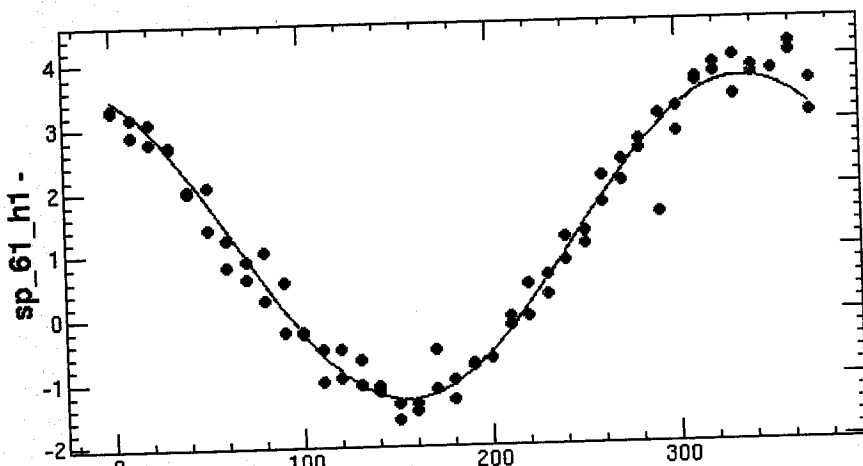
57.3 MeV

$$8 \times \frac{2.20251}{307.5} \times 1000 \div 0.962225 \times 4 = 15 \text{ MV/m}$$

File Edit Window

01/11/2006 18:10:53 Help Help

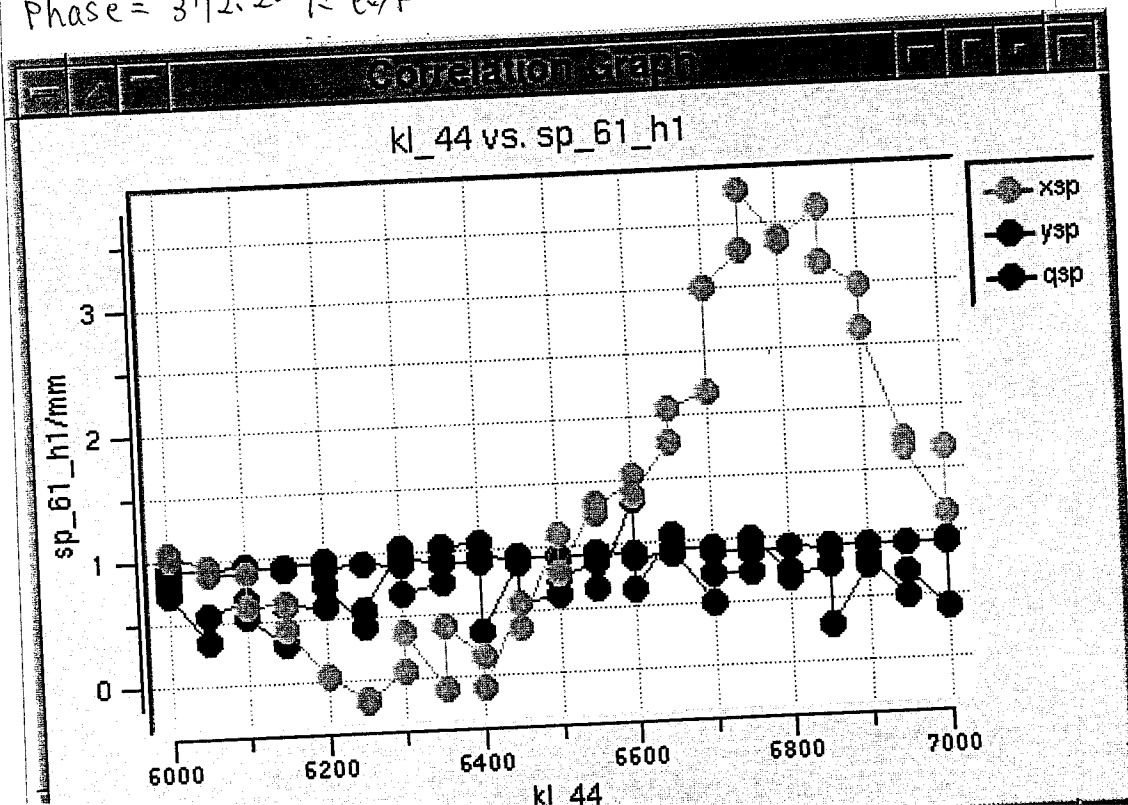
ChiSquare = 7.32111 Goodness = .47799
 a = 2.50163 +/- .05087 c = 154.776 +/- 1.19435 d = 1.18734 +/- .03642 03090



Function = (d+(a Cos[(-.0174532925 (-180+*+(-c))])))

Hard Copy

Phase = 372.20 = π



S-band

01/11/2006 18:16:36 Help ▾

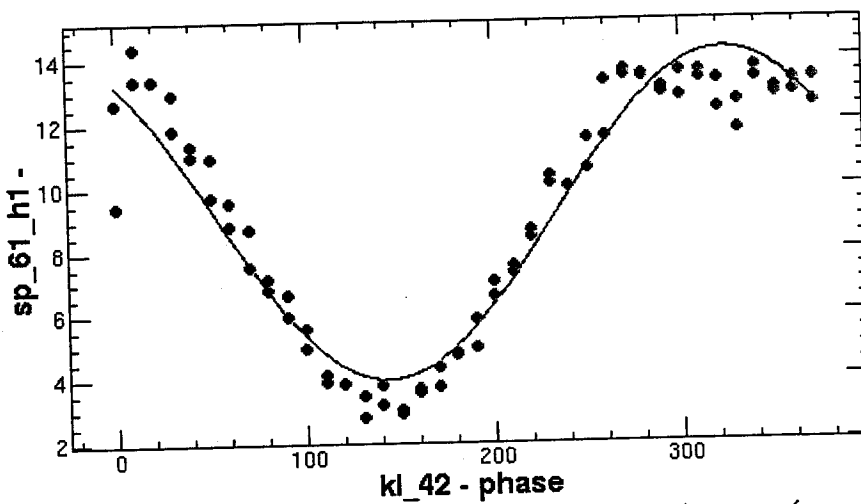
File Edit Window

ChiSquare = 75.0979 Goodness = .47799

a = 5.16874 +/- .16455

c = 142.879 +/- 1.83548

d = 9.11098 +/- .11665



Function = (d+(a Cos[(.0174532925 (-180+x+(-c)))]))

134 MeV

Hard Copy



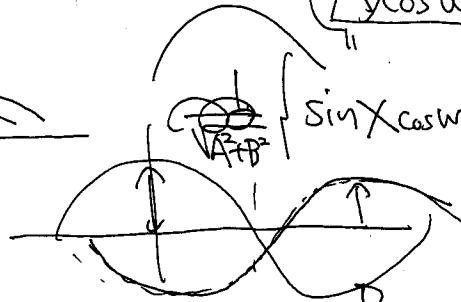
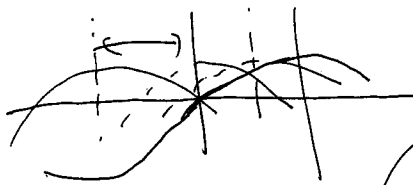
$E_{gain} \cong 20.7 \times \sqrt{P_e}$

$A_1 \cos(\omega t + \theta) + A_2 \cos(\omega t + \theta + \alpha)$

200°

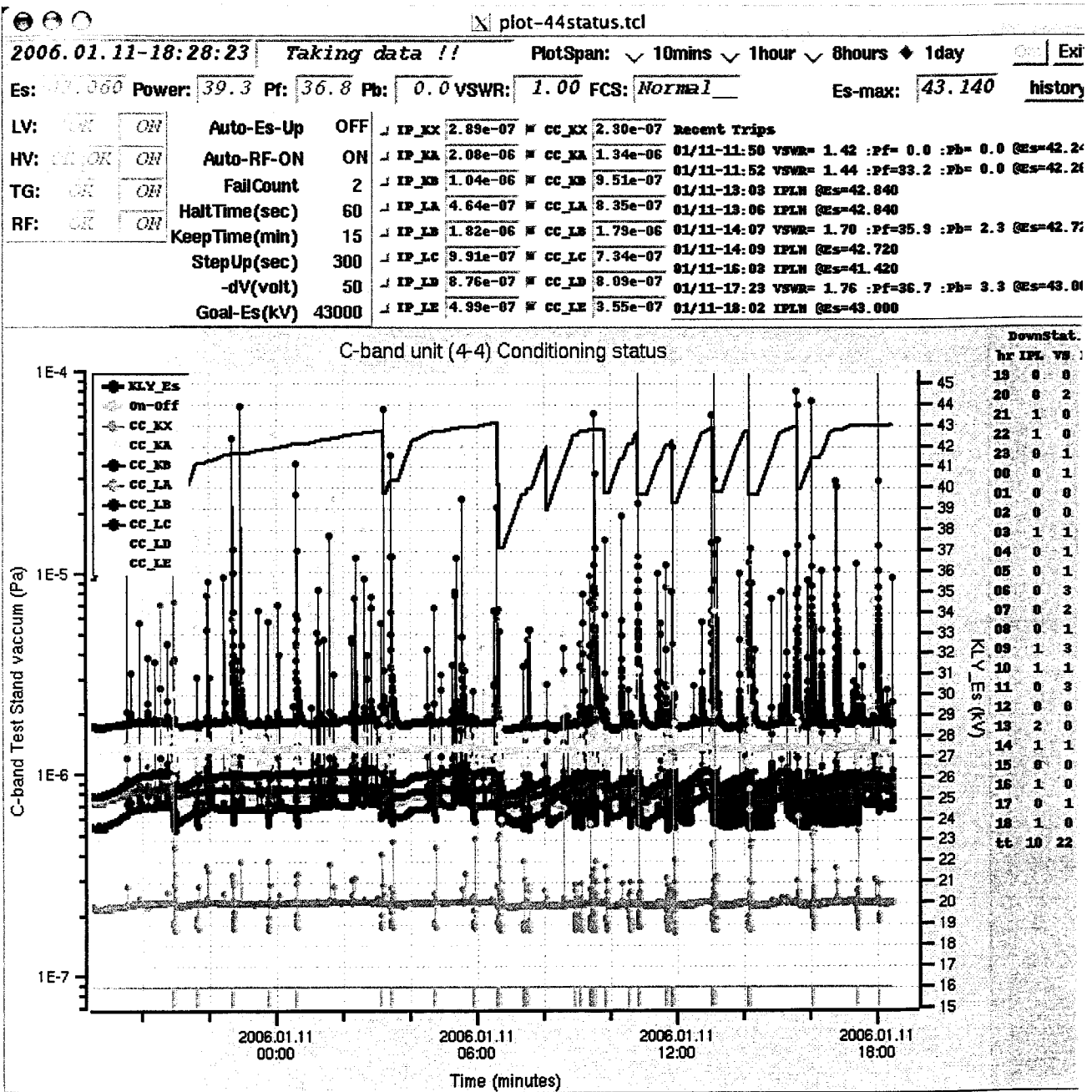
	PF = 43 MW	PF = 38 MW	
CKK002	24.4	23.0	
CKM001	37.6	35.3	
CKM002	39.2	36.8	
CKK001	34.5	32.5	
total	135.7 MeV	127.6 MeV	$A \sin \theta + B \cos \theta$

$A \cos \omega t + B \cos(\omega t + \alpha)$



$\sin X \cos \omega t + \cos X$

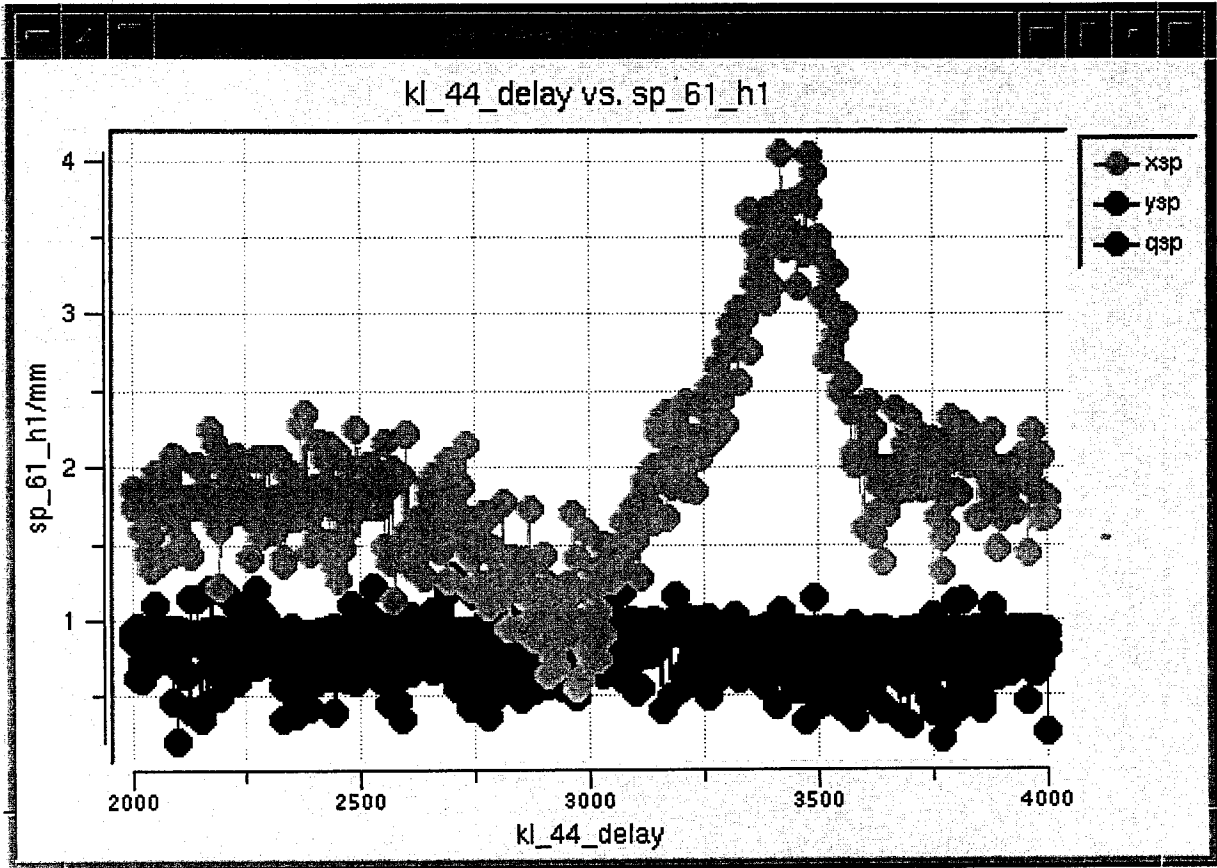
$B \cos \omega t \sin \alpha$
 $+ B \sin \omega t \sin \alpha$



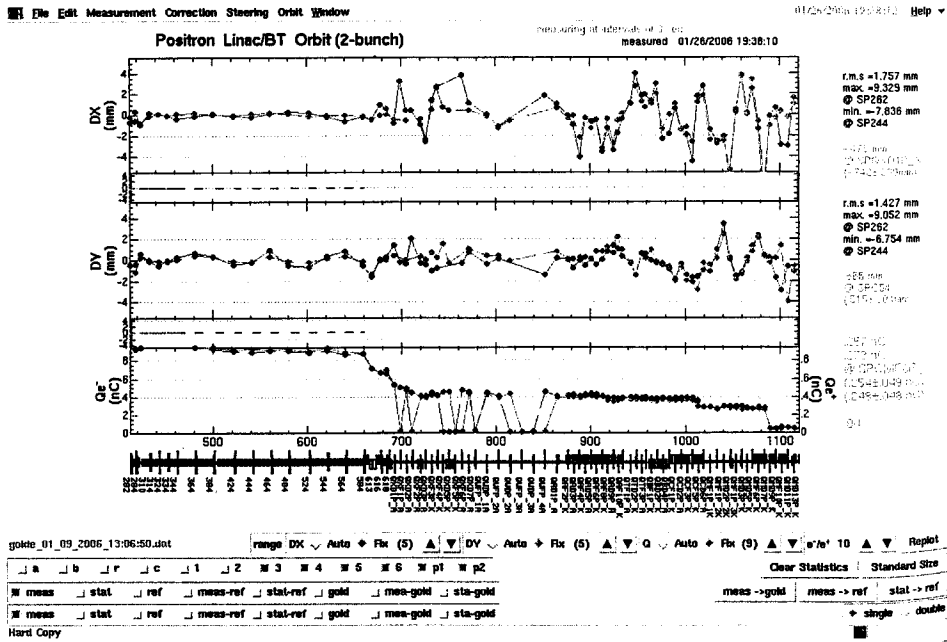
計算 → $E_{gain} \approx 20.7 \times \sqrt{36.7} \approx 125 \text{ MeV}$

757

KL-44 6650ns 1=セリフ.



何れ調整をせぬとて、その状態



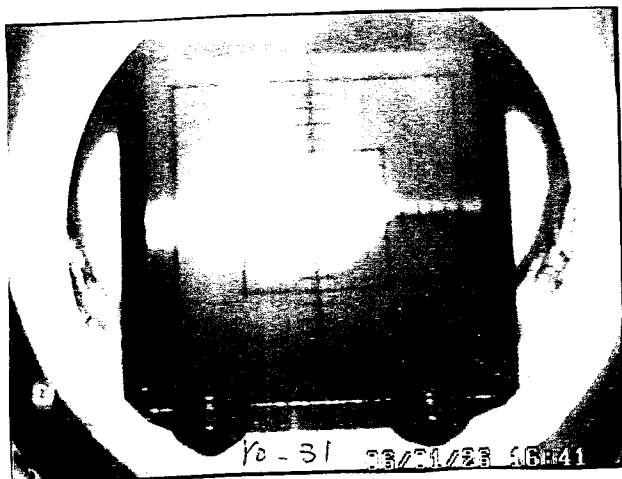
26 木
1月16日(申)

e⁺ 調整

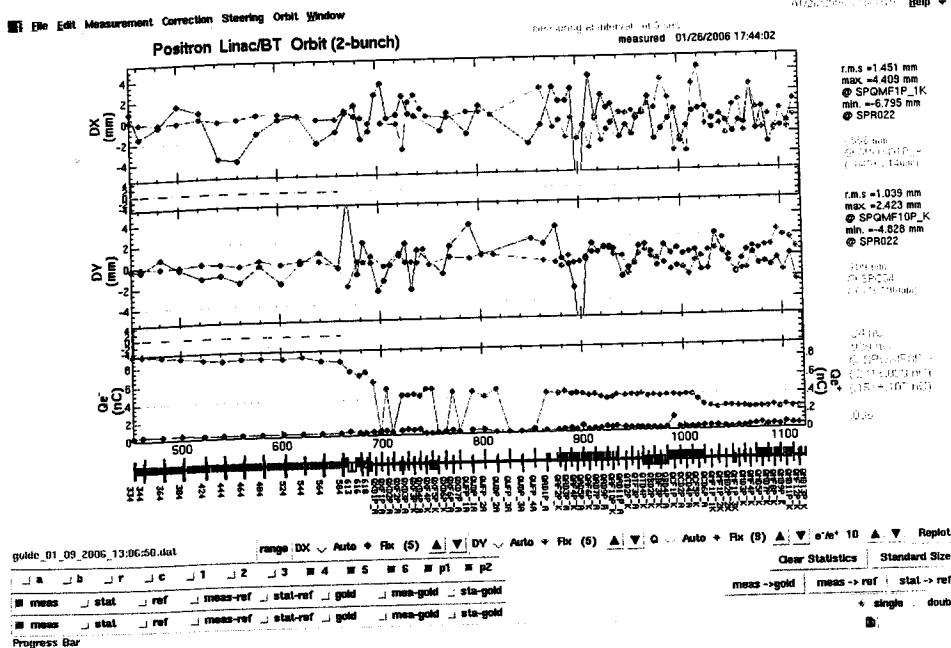
SIB-A 91.5 → 86.5
- B 91.5 → 90.5

Energy spread 調整

BT 27" → 10"
KL-21 199.4 → 元値
KL-18 292 → 元値



5+77- W.W SCAMMEL 2月17日 後



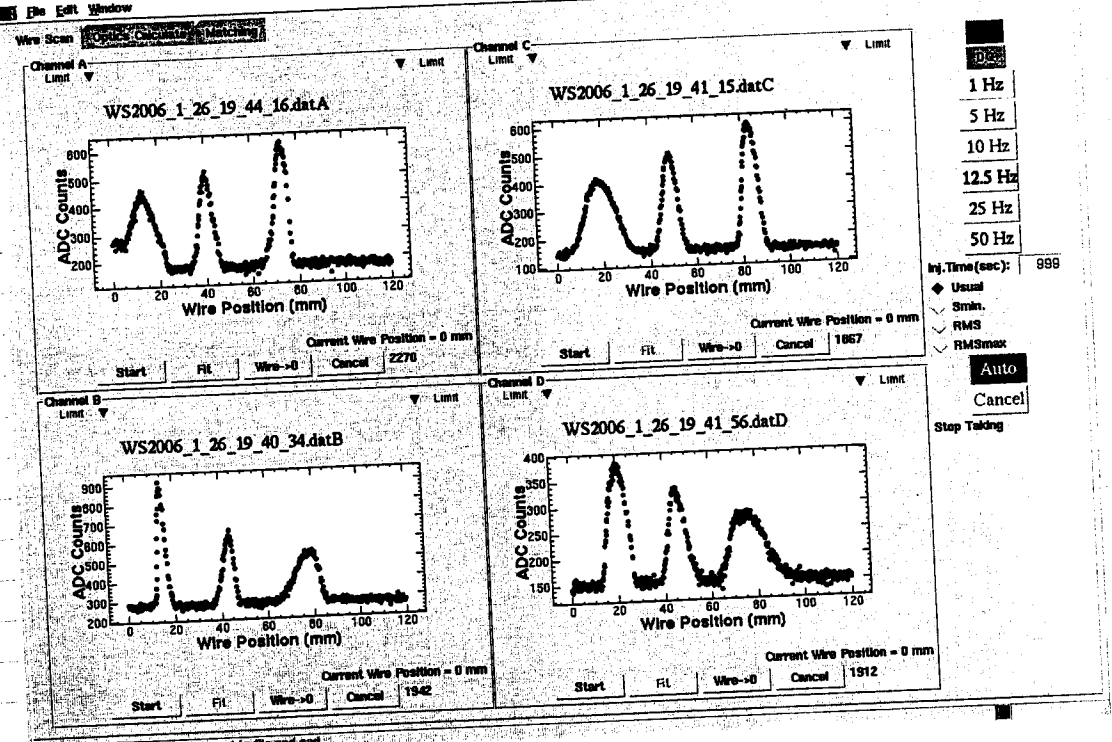
元値

SPQMFSP-K

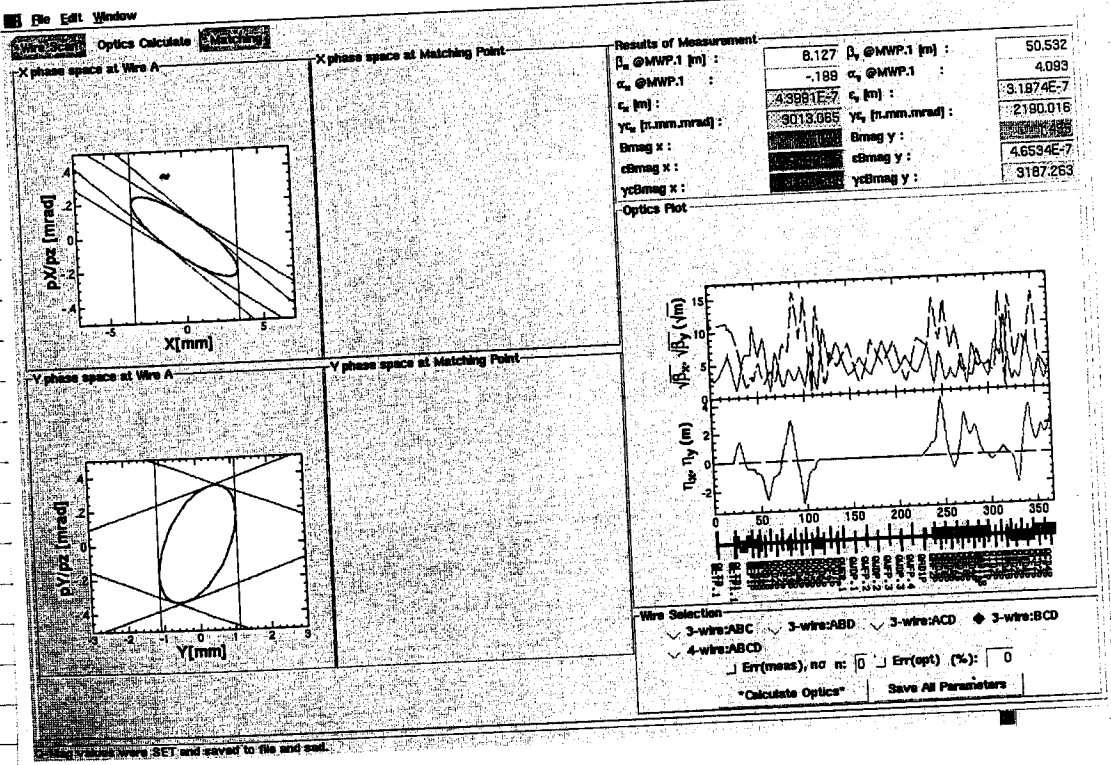
KL-18	292.0	0.275	0.244
	297.0	0.267	0.246
	302.0	0.260	0.240 ± 0.01
	307.0	0.245	0.237
	292.0	0.269	0.238
	287.5	0.268	0.246
	282.5	0.264	0.245
	278.0	0.259	0.252
	273.0	0.252	0.262
	268.0	0.234	0.265
	263.0	0.207	0.257
	292.0	0.268	0.241
KL-21	199.4	0.270	0.245
	204.4	0.271	0.247
	209.4	0.263	0.236
	214.4	0.258	0.240
KL	199.4	0.265	0.243
	194.4	0.260	0.243
	189.4	0.251	0.250
	184.4	0.232	0.250
	179.4		

KL-18, KL-21では、変わらない。

BT 2.47"



Q-Mag values were SET and saved to file and sad.



Q-Mag values were SET and saved to file and sad.