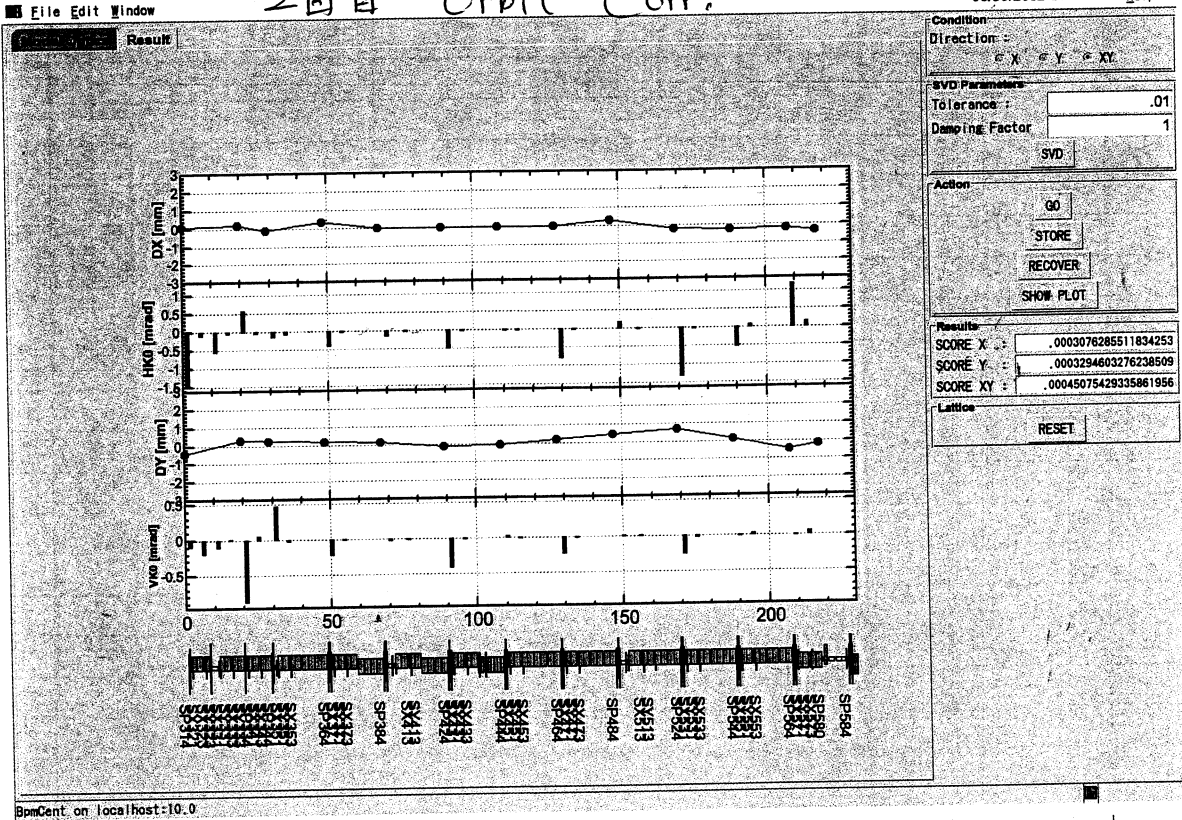
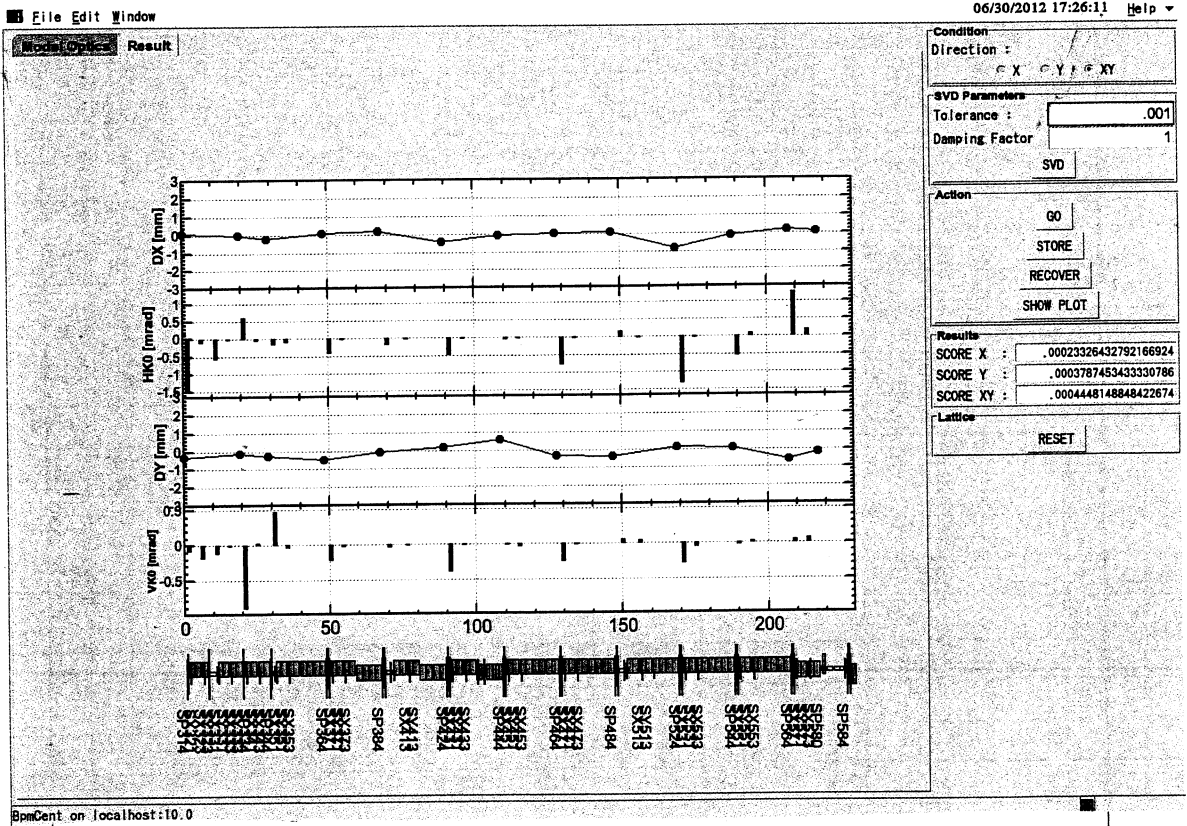


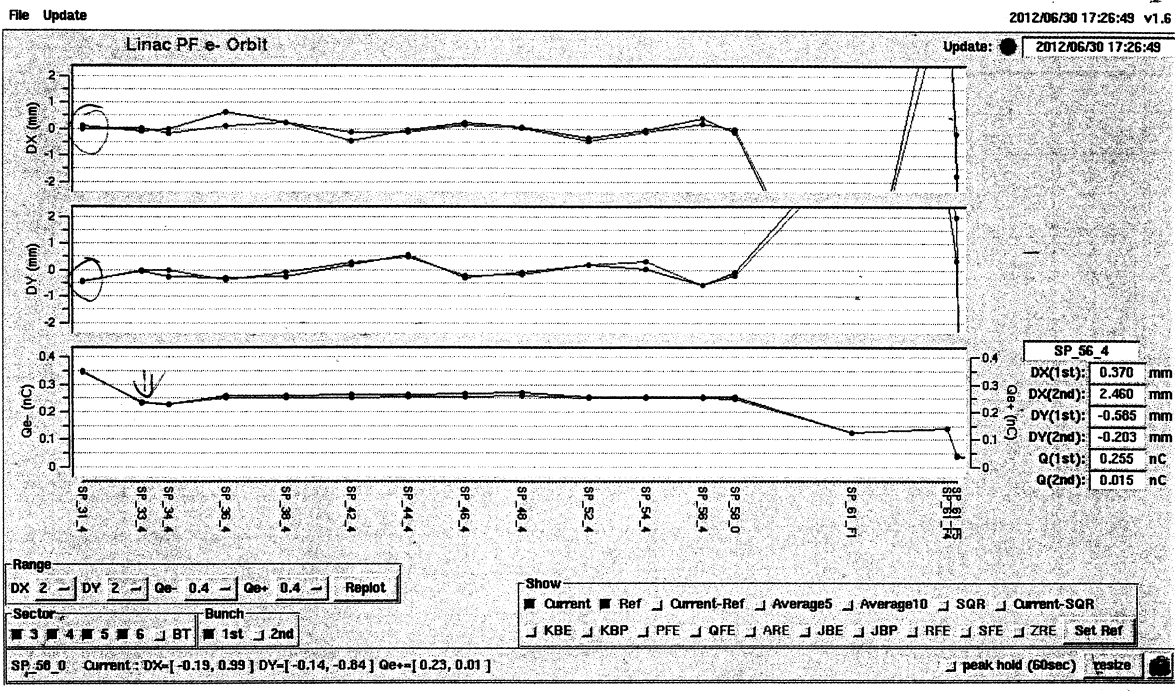
2回目 Orbit Corr.

06/30/2012 17:18:58 Help

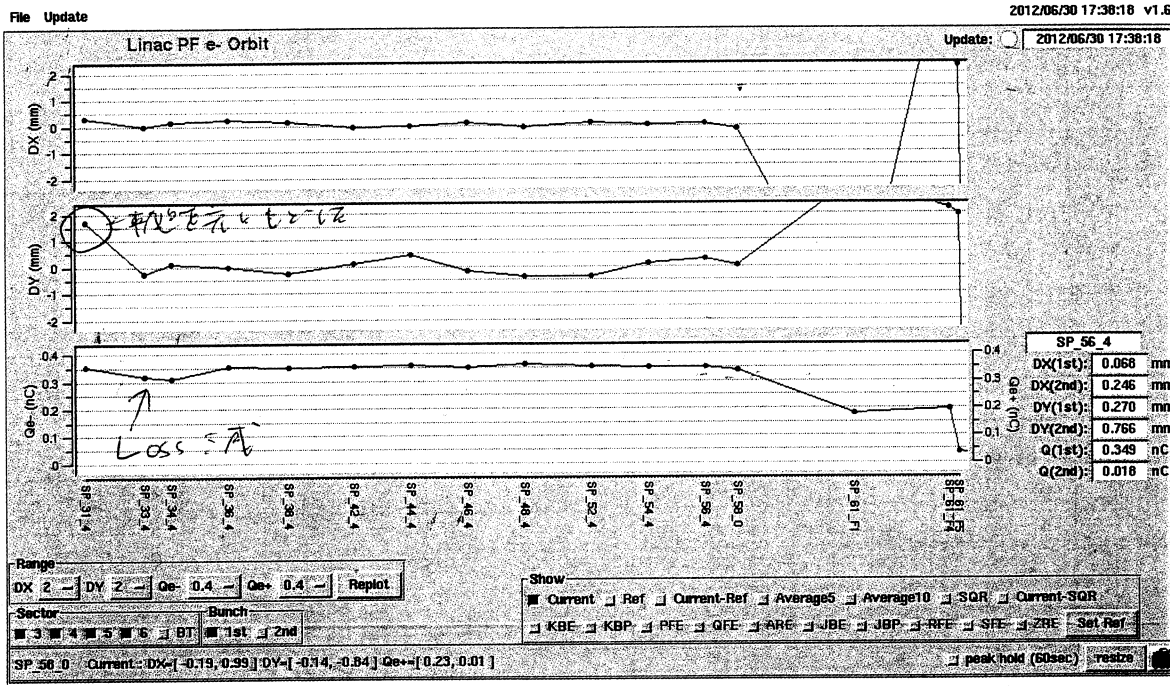


Tolerance 0.1 → 0.01 12LT 対応 変化あり ↓↓





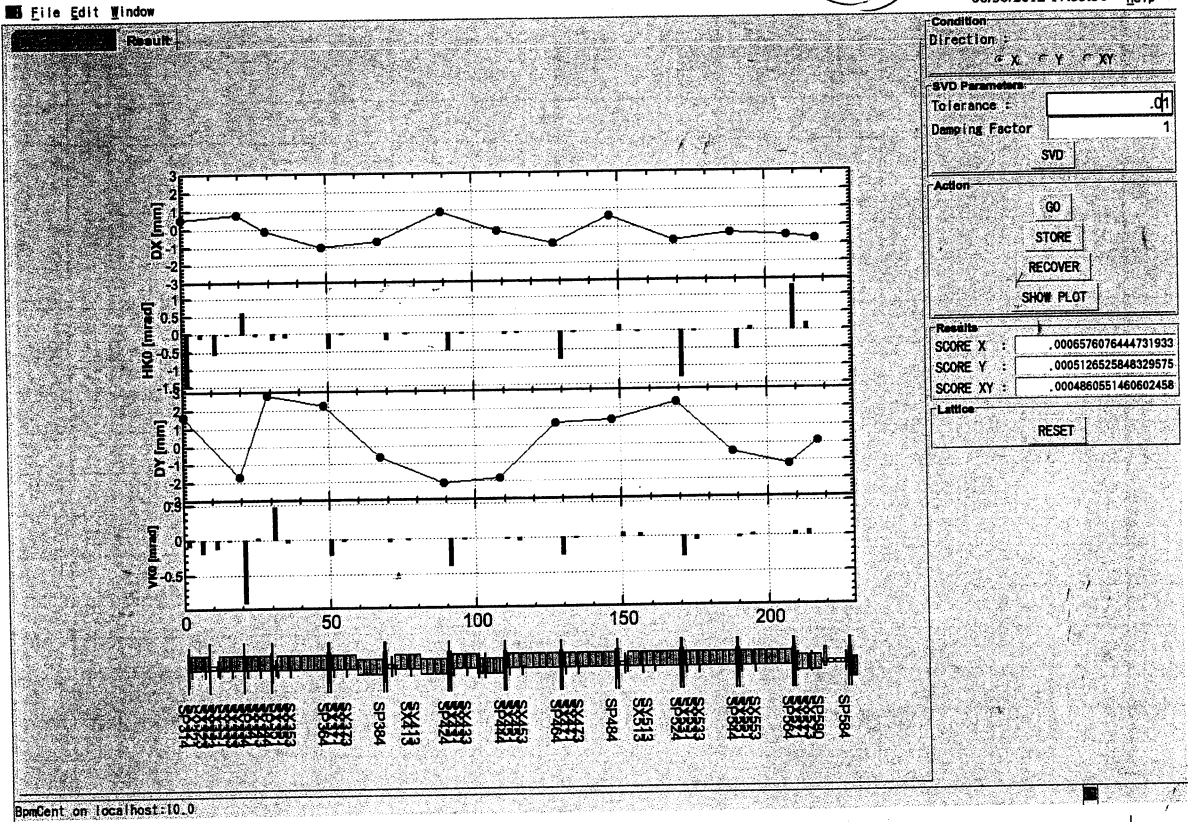
先頭の X, Y を (0, 0) にして (2) だとすると、 Δx の値が 0 に入ら、
 RF-GUN の時に e^- が通る方向に
 (X_0, Y_0) を元値に戻すことができる。



テ"ファルト

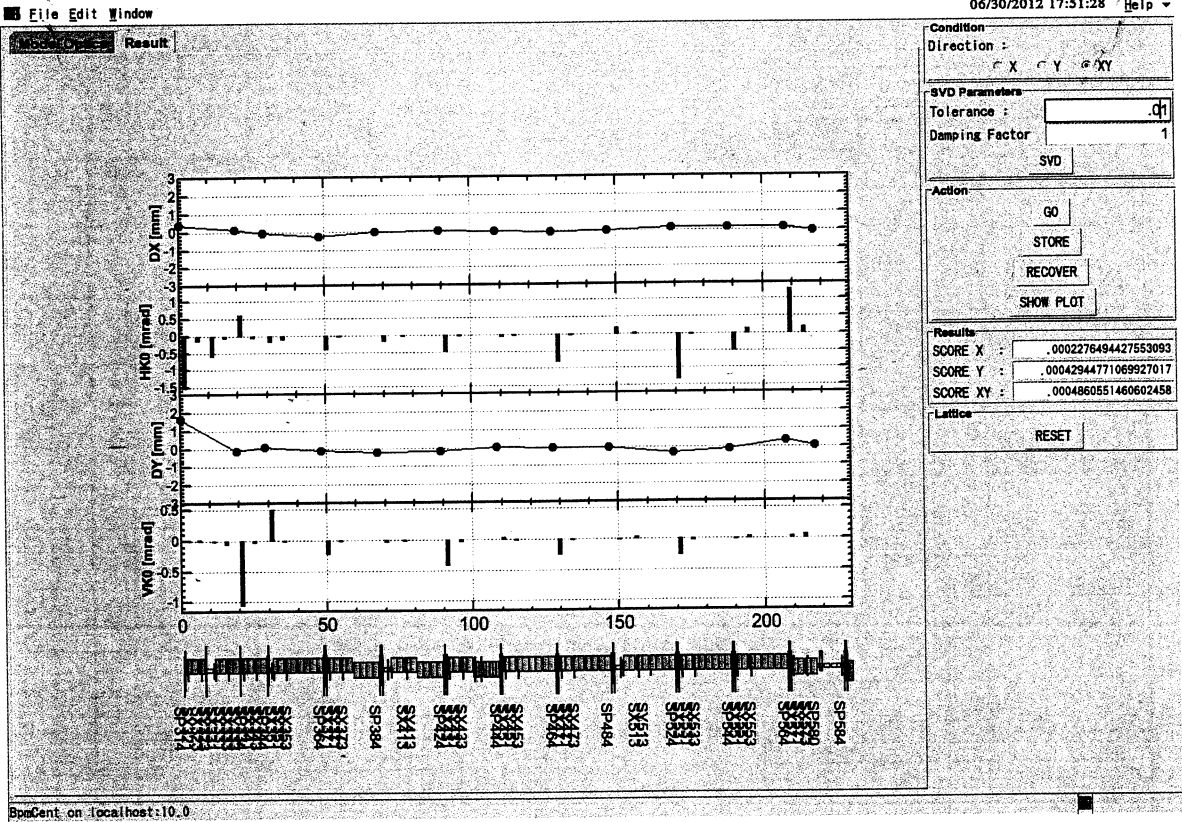
A

06/30/2012 17:53:56 Help



Xに比べYの収束が遅いから何回かくり返すと↓のようになる B

06/30/2012 17:51:28 Help

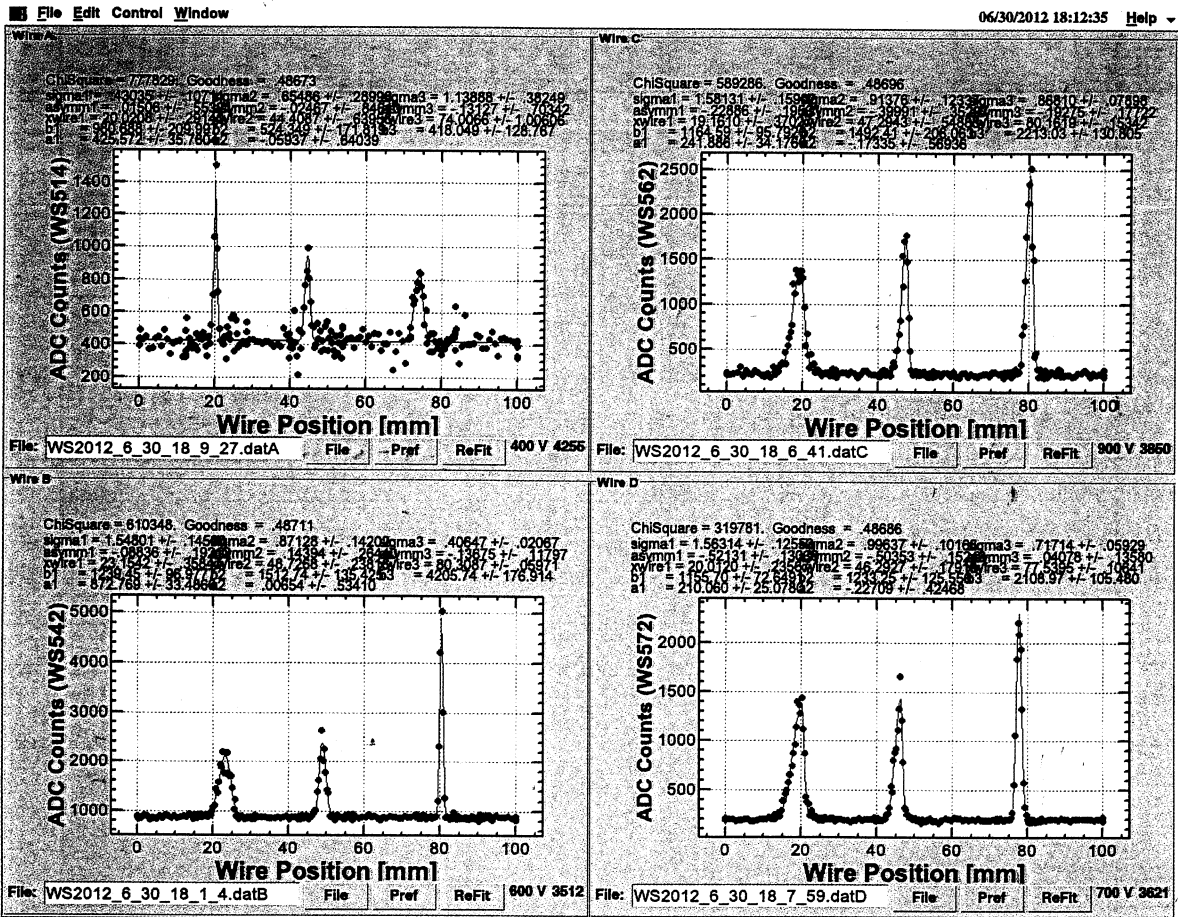


17:57

Sabot

Wire スターター MultiKey

NONSTART 2-17, 21, 22) 12 と 13 と 5 ()
NONSTART Off → 21, 22, 23, 24



File Edit Window 06/30/2012 18:12:17 Help

Optics Calculate Matching Test

X phase space at Wire A

X phase space at Matching Point

Y phase space at Wire A

Y phase space at Matching Point

β_x @BP581 [m] :	23.601	β_y @BP581 [m] :	3.954
α_x @BP581 :	2.122	α_y @BP581 :	.418
ϵ_x [m] :	1.9238E-8	ϵ_y [m] :	4.3575E-9
$\Delta\epsilon_x$ [m] :	8.2295E-9	$\Delta\epsilon_y$ [m] :	23.765
γ_x [x.mm.mrad] :	94.121	γ_y [x.mm.mrad] :	
$\Delta\gamma_x$ [x.mm.mrad] :	40.262	$\Delta\gamma_y$ [x.mm.mrad] :	
Goodness x :	.091	Goodness y :	
Bmag x :		Bmag y :	
eBmag x :	6.0647E-8	eBmag y :	2.1807E-8
γ_e Bmag x :	296.712	γ_e Bmag y :	106.691

Optics Plot

Wire Selection

3-wire:ABC 3-wire:ABD 3-wire:ACD 3-wire:BCD

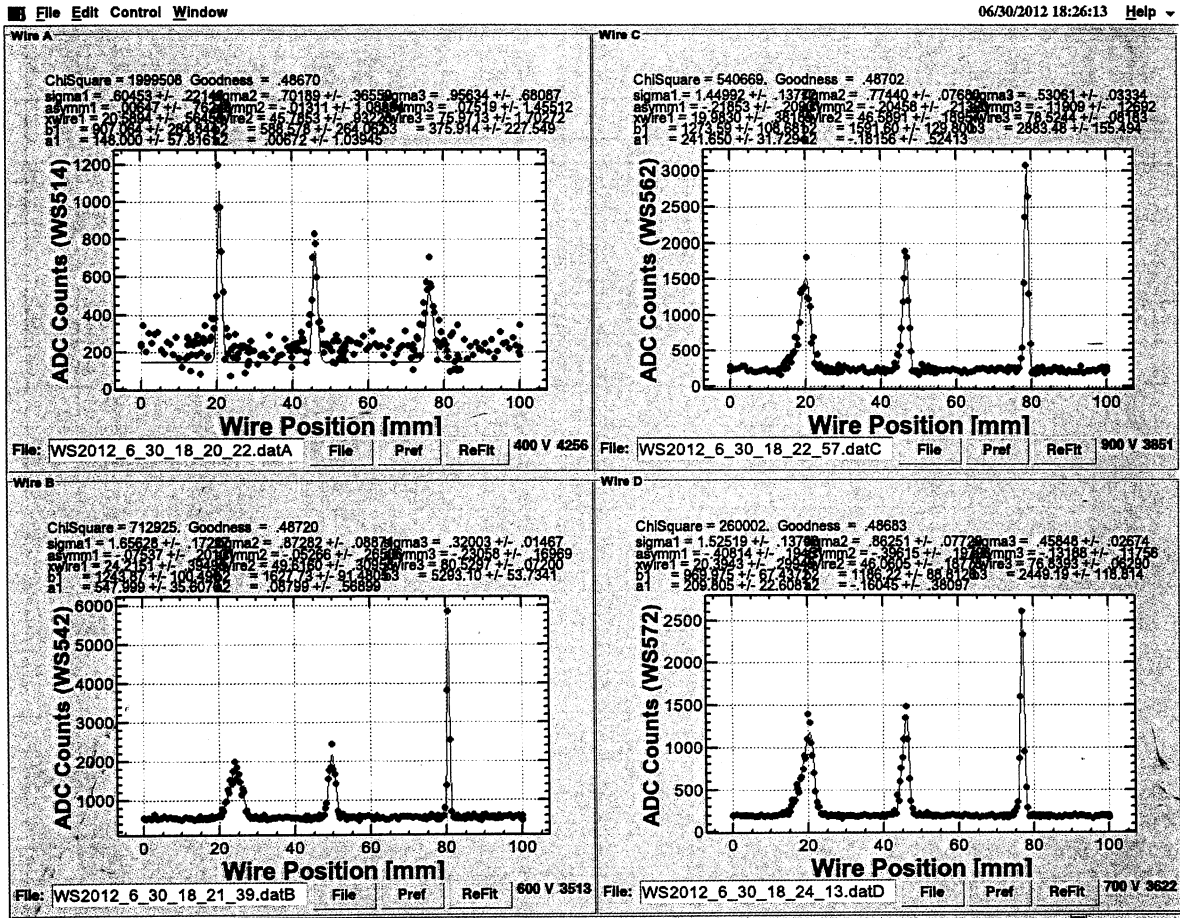
4-wire:ABCD

NonLinearFit InI.Value(SVD)

Err(meas), no. n: 0 Err(opt) (%): 0

Calculate Optics Save All Parameters

① orbit (補正後) の軌



File Edit Window 06/30/2012 18:26:03 Help

Optics Calculate Matching Test

X phase space at Wire A:

X phase space at Matching Point:

Y phase space at Wire A:

Y phase space at Matching Point:

Results of Measurement

β_x @BP581 [m] :	15.121	β_x @BP581 [m] :	5.401
α_x @BP581 :	1.049	α_x @BP581 :	-0.068
ϵ_x [m] :	2.8703E-8	ϵ_x [m] :	
$\Delta\epsilon_x$ [m] :	1.3453E-8	$\Delta\epsilon_x$ [m] :	1.4858E-8
γ_x [x.mm.mrad] :	140.427	γ_x [x.mm.mrad] :	
$\Delta\gamma_x$ [x.mm.mrad] :	65.817	$\Delta\gamma_x$ [x.mm.mrad] :	7.269
Goodness x :	.034	Goodness y :	
Bmag x :		Bmag y :	
ϵ Bmag x :	5.3557E-8	ϵ Bmag y :	1.0644E-8
γ ϵ Bmag x :	262.021	γ ϵ Bmag y :	52.076

Optics Plot

Wire Selection

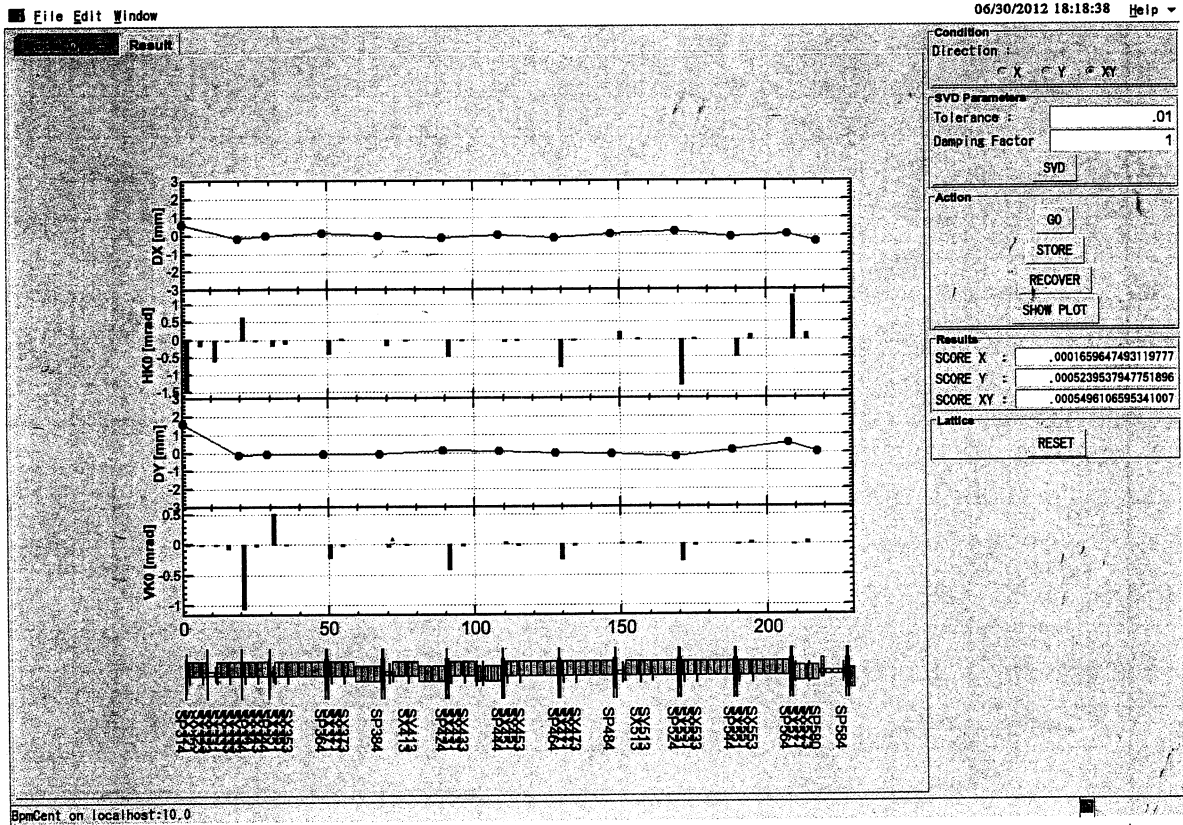
3-wire:ABC 3-wire:ABD 3-wire:ACD 3-wire:BCD
4-wire:ABCD

NonLinearFit Ini.Value(BVD)
Err(meas), no n: 0 Err(opt) (%): 0

Calculate Optics Save All Parameters

Qmag values were Saved to /data1/KEKB/Wire/LINAC/sector5/PF/data/Qvalue/qname_2012_6_30_18_20_4.dat0

Turn a wire into a wire orbit & Sabot #77



2012/9/27

12年 9月27日 19:41		bpm.txt				1/1 ページ
montek3A1	SP_31_4 1 74	1	75			
montek3A1	SP_32_4 314 384	313	386			
montek3A1	SP_33_4 636 707	636	708			
montek3A1	SP_34_4 1118	1186	1118	1188		
montek3B1	SP_36_4 0	69	3	72		
montek3B1	SP_38_4 630	699	629	702		
montek4A1	SP_42_4 2	70	0	70		
montek4A1	SP_44_4 638	706	637	707		
montek4B1	SP_46_4 2	70	0	70		
montek4B1	SP_48_4 637	708	638	708		
montek5A1	SP_52_4 0	71	1	69		
montek5A1	SP_54_4 640	711	637	708		
montek5B1	SP_56_4 0	73	0	73		
montek5B1	SP_58_0 830	370	300	370		
montek5B1	SP_58_4 634	706	634	706		
montek6A1	SP_61_3 990	1057	992	1054		
montek6A1	SP_61_6 1318	1391	1319	1386		
montek6A1	SP_61_8 1487	1556	1488	1556		
montek6A1	SP_61_D1 1729	1794	1731	1801		
montek6A1	SP_61_D2 2097		2172	2100	2173	
montek6A1	SP_61_H 0		67	1	78	
montek6B1	SP_61_F1 0		75	0	75	
montek6B1	SP_61_F4 2621	2698	2621	2685		
montek6B1	SP_61_F5 3661	3722	3644	3746		
montek6B1	SP_61_A1 1090	1150	1080	1147		
montek6B1	SP_61_A3 2724	2834	2741	2795		

各才シロのつらみ、2113 BPM の種類

