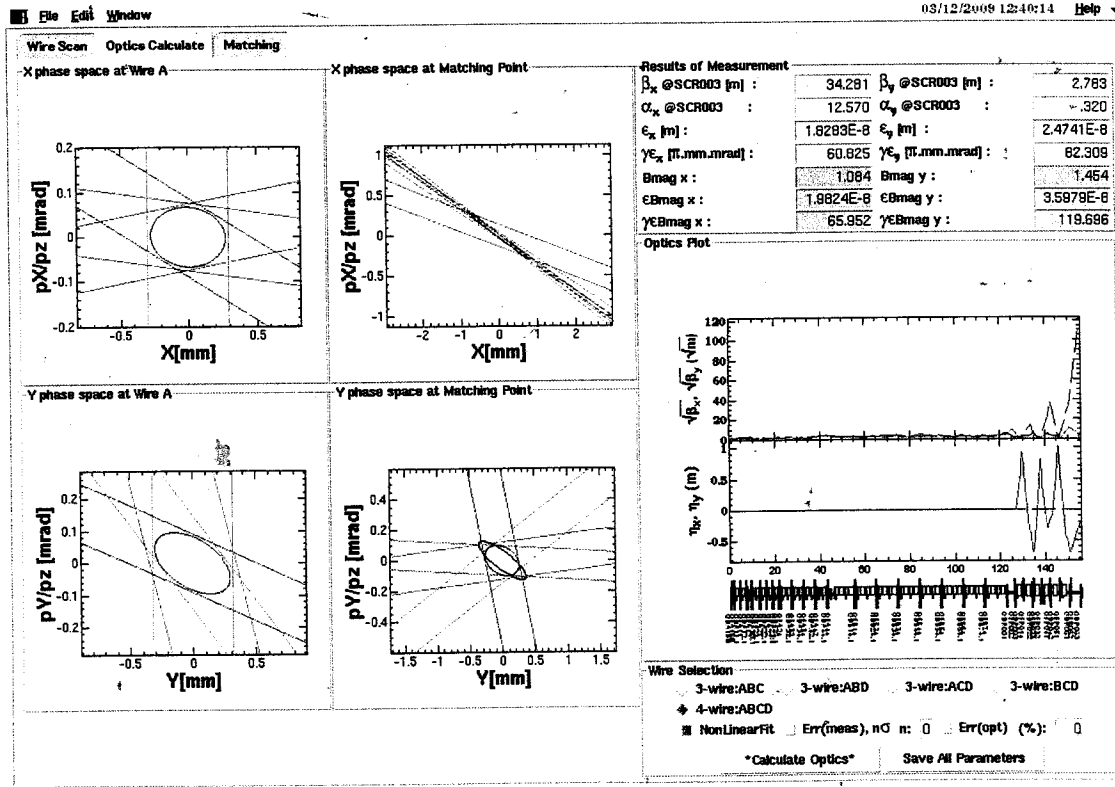
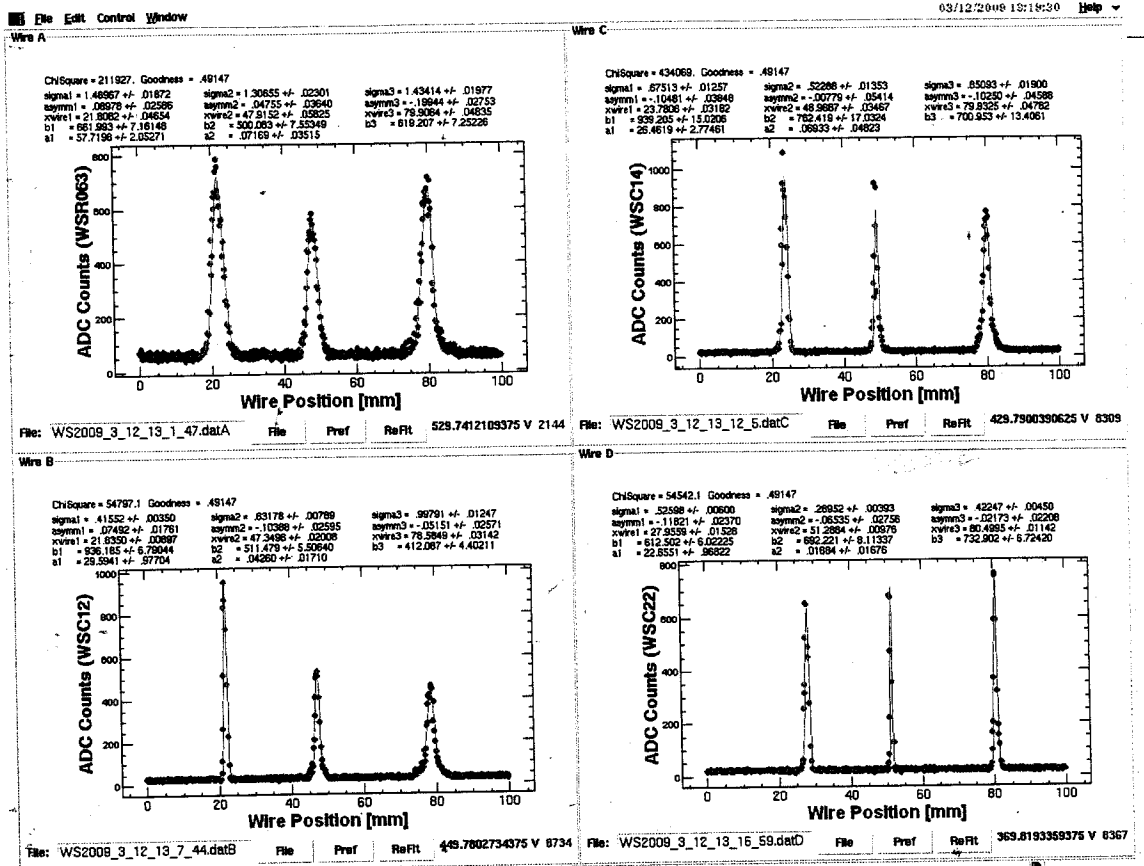


Main Application Area

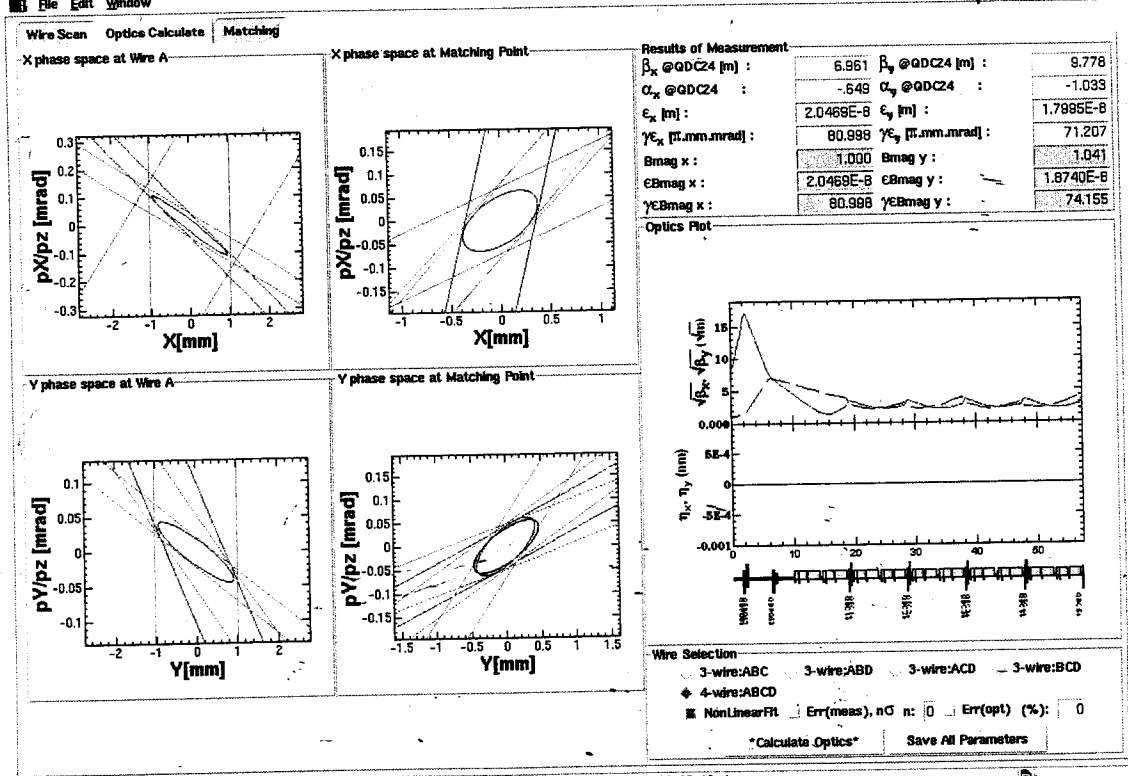


All informations are SAVEd to Adata1/KEKB/Wire/LINAC/sectorB/electron/data/MatchResult/WSLB_2009_3_12_12_38_38

HER - C³ -



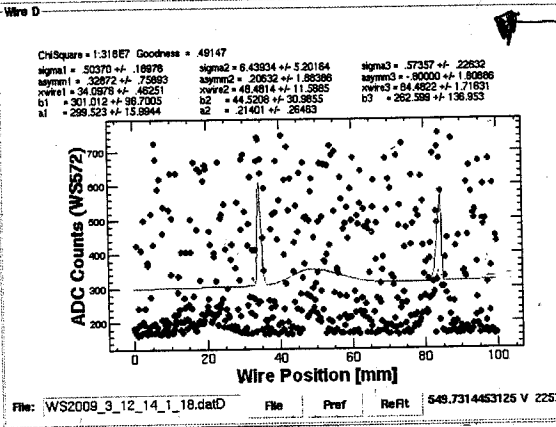
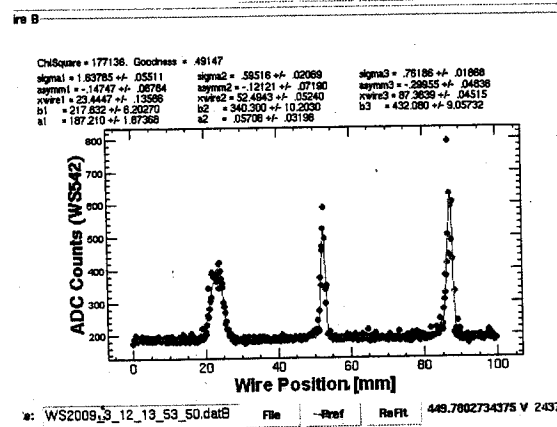
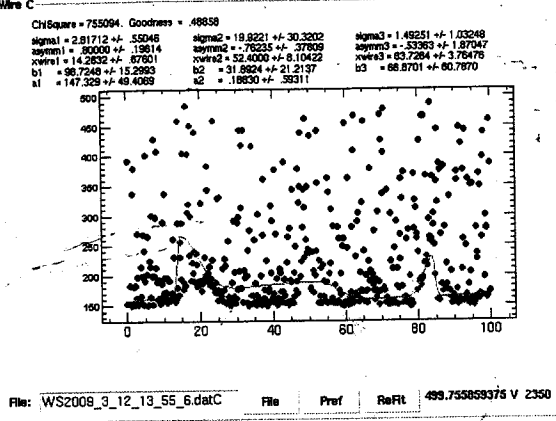
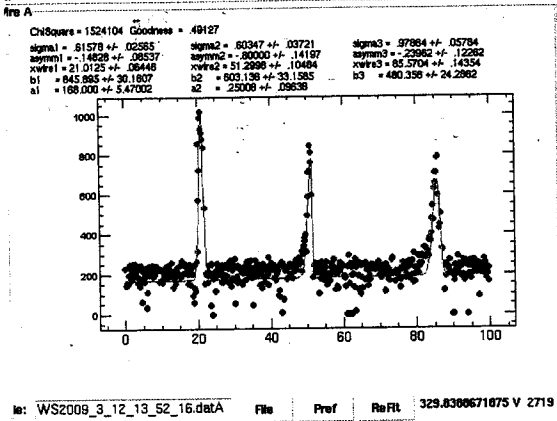
Main Application Area



All informations are SAVED to hdata1/KEKB/Wire/LINAC/sector/CElectron/data/MatchResult/WSLC_2009_3_12_13_19_4

HER-5079-

File Edit Control Window



午前中
の測定
結果

File Edit Control Window

Wire Scan Optics Calculator Marking

Channel A Channel B Channel C Channel D

Limit Limit Limit Limit

WS2009_3_12_18_40_13.datA WS2009_3_12_18_52_38.datC

ADC Counts (WSS14) ADC Counts (WSS62)

Wire Position (mm) Wire Position (mm)

Current Wire Position = 0 mm Current Wire Position = 0 mm

Start Fit Wire->0 Cancel 2722 Start Fit Wire->0 Cancel 2355

WS2009_3_12_18_50_8.datB WS2009_3_12_18_48_56.datD

ADC Counts (WSS42) ADC Counts (WSS72)

Wire Position (mm) Wire Position (mm)

Current Wire Position = 0 mm Current Wire Position = 0 mm

Start Fit Wire->0 Cancel 2448 Start Fit Wire->0 Cancel 2258

1 Hz
2 Hz
5 Hz
10 Hz
12.5 Hz
25 Hz
50 Hz

Inj.Time(sec): 0

Usual
Smin.
RMS
RMSmax

Auto

Cancel

Stop Taking

Omeg values were SAVED to Adata1/KEKB/Wire/LINAC/sectors/KEKB/data/Qvalue/fname_2009_3_12_18_39_24.dat0

必ず再測定実施がある状況だから
(スリー=見てピークを絞るからで
測定)

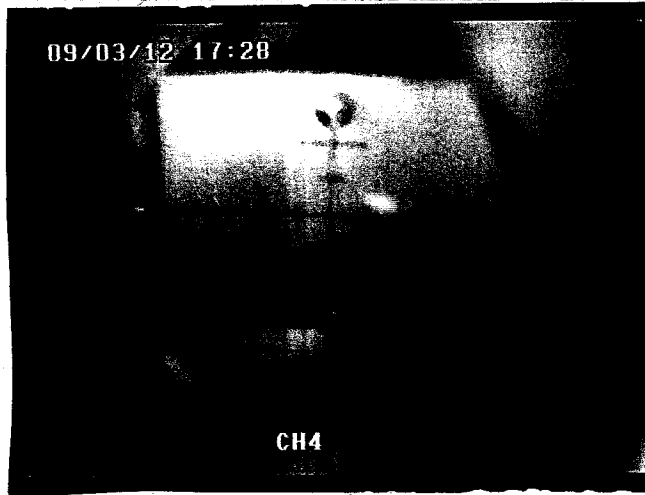
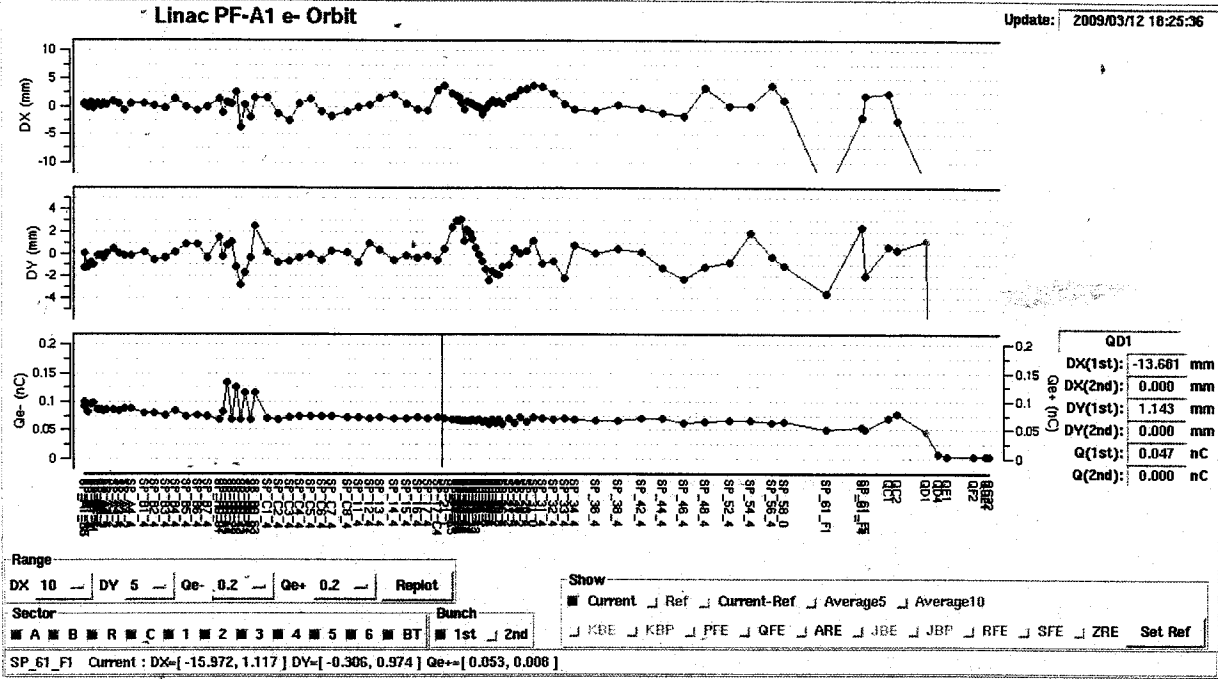
PF 軌道調整後

PF-A1 e- INJECTION DATA

DATA 2009.03.12 TIME 18:25

File Update

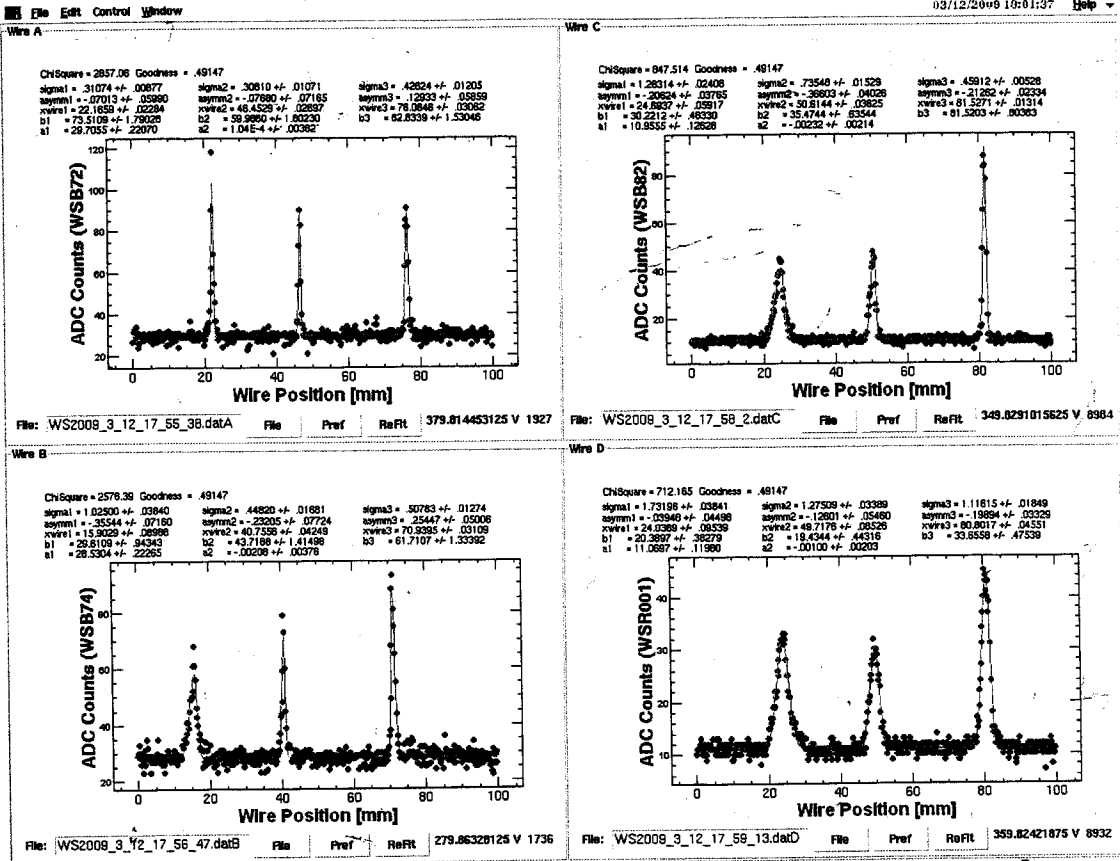
2009/03/12 18:25:37 v0.6



← 調整後

XSC-61-F9 29 E-a 2nd

PTA-B075-



Main Application Area

File Edit Window 03/12/2009 18:02:06 Help

Wire Scan Optics Calculate Matching

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 @SCR003 [m] :	162.209	β_y @SCR003 [m] :	2.540
α_x @SCR003 :	60.450	α_y @SCR003 :	.264
ϵ_x [m] :	2.1601E-8	ϵ_y [m] :	2.4706E-8
γ_{cx} [r.mm.mrad] :	71.864	γ_{cy} [r.mm.mrad] :	82.191
Bmag x :	2.492	Bmag y :	1.531
ϵ Bmag x :	5.3828E-8	ϵ Bmag y :	3.7832E-8
γ ϵ Bmag x :	179.077	γ ϵ Bmag y :	125.861

Optics Plot

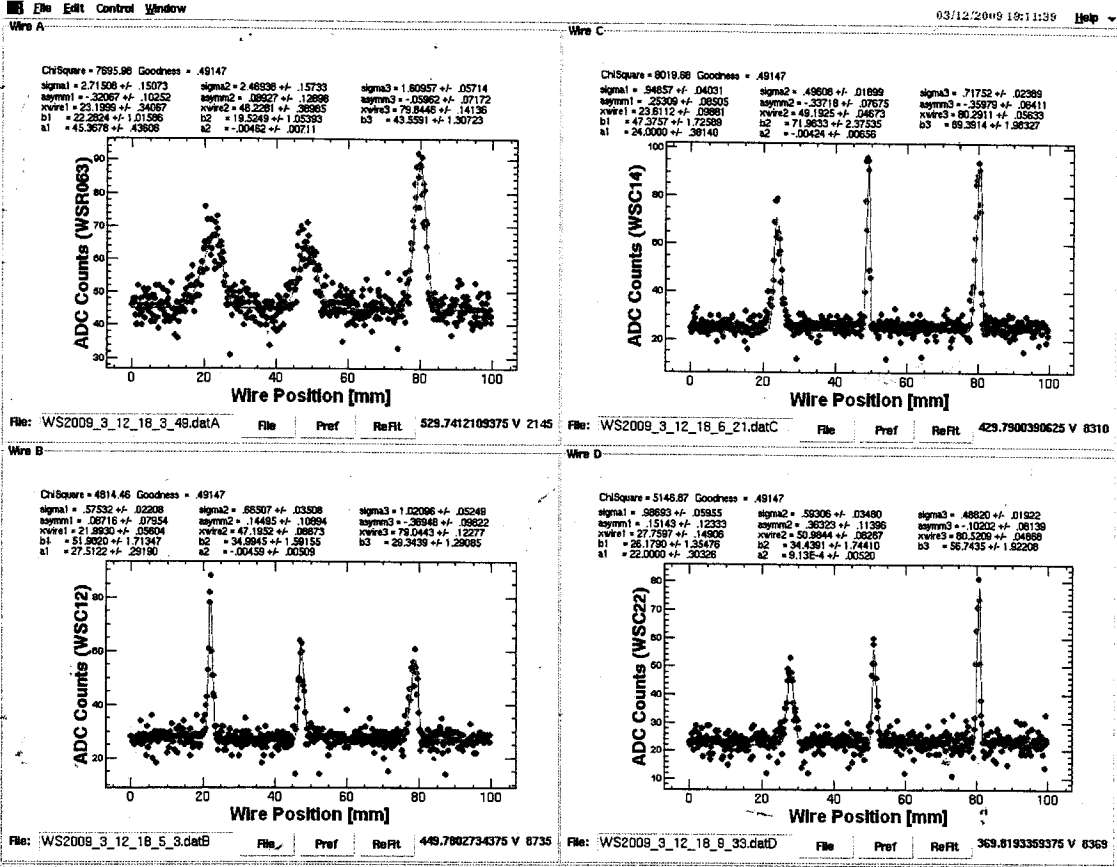
Wire Selection

3-wire:ABC 3-wire:ABD 3-wire:ACD 3-wire:BCD
 4-wire:ABCD
 NonLinearFit Err(meas), h0 n: 0 Err(opt) (%): 0

Calculate Optics Save All Parameters

All informations are SAVED to :data1\KEKB\Wire\LINAC\sectorB\electron\data\MatchResult\WSLB_2009_3_12_18_0_29

PF-C079



File Edit Window 03/12/2009 18:11:23 Help

Wire Scan: Optics Calculate Matching

X phase space at Wire A:

X phase space at Matching Point:

Y phase space at Wire A:

Y phase space at Matching Point:

$\beta_x @ QDC24$ [m] :	6.253	$\beta_y @ QDC24$ [m] :	14.631
$\alpha_x @ QDC24$:	.412	$\alpha_y @ QDC24$:	-1.689
ϵ_x [m] :	9.1691E-9	ϵ_y [m] :	2.4110E-8
γ_{Cx} [T.mm.mrad] :	125.401	γ_{Cy} [T.mm.mrad] :	95.406
Bmag x :	1.557	Bmag y :	1.089
ϵ Bmag x :	4.8326E-8	ϵ Bmag y :	2.6257E-8
γ_{ϵ} Bmag x :	195.192	γ_{ϵ} Bmag y :	109.902

Optics Plot:

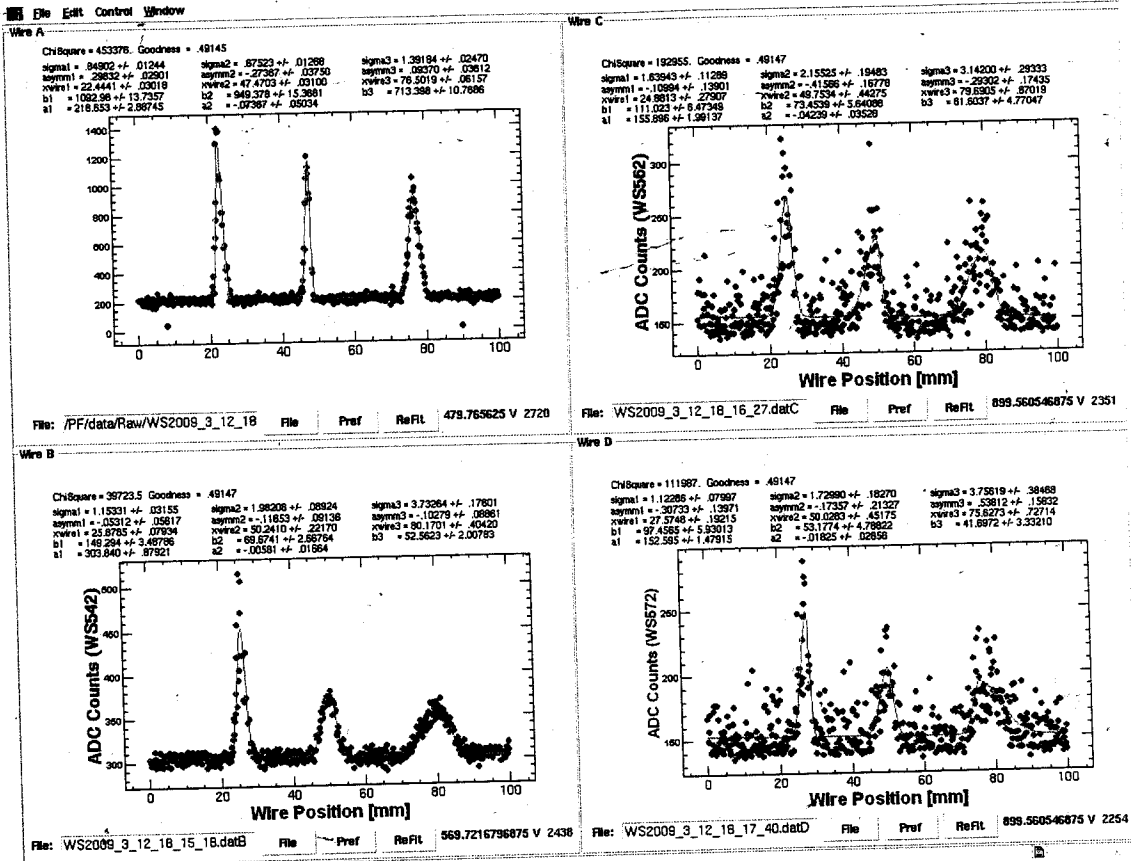
Wire Selection:
 3-wire:ABC 3-wire:ABD 3-wire:ACD 3-wire:BCD
 4-wire:ABCD
 NonLinearFit Err(mess), nC n: 0 Err(opt) (%): 0

Calculate Optics Save All Parameters

Information are Saved to Adat1/KEKB/Wire/LINAC/sec/for/CELETRON/data/MatchResult/WSLC_2009_3_12_18_11_6

PF-5e99-

03/12/2009 10:18:42 Help



Main Application Area 03/12/2009 19:18:26 Help

File Edit Window

Wire Scan Optics Calculate Matching

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 @BPS81 [m] :	10.564	β_y @BPS81 [m] :	33.831
α_x @BPS81 :	922	α_y @BPS81 :	1.055
ϵ_x [m] :	2.6741E-8	ϵ_y [m] :	1.5290E-7
γ_{ϵ_x} [T.mm.mrad] :	140.614	γ_{ϵ_y} [T.mm.mrad] :	748.030
Bmag x :	1.477	Bmag y :	2.052
EBmag x :	4.2453E-7	EBmag y :	3.1374E-7
$\gamma_{EBmag x}$:	207.694	$\gamma_{EBmag y}$:	1534.938

Optics Plot

Wire Selection

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

4-wire:ABCD

NonLinearFit Err(meas), nO n: 0 Err(opt) (%) : 0

Calculate Optics Save All Parameters

All informations are SAVED to fdata1\KEKB\Wire\INAC\sectors\PF\data\MatchResult\WLS5PF_2009_3_12_18_19_10

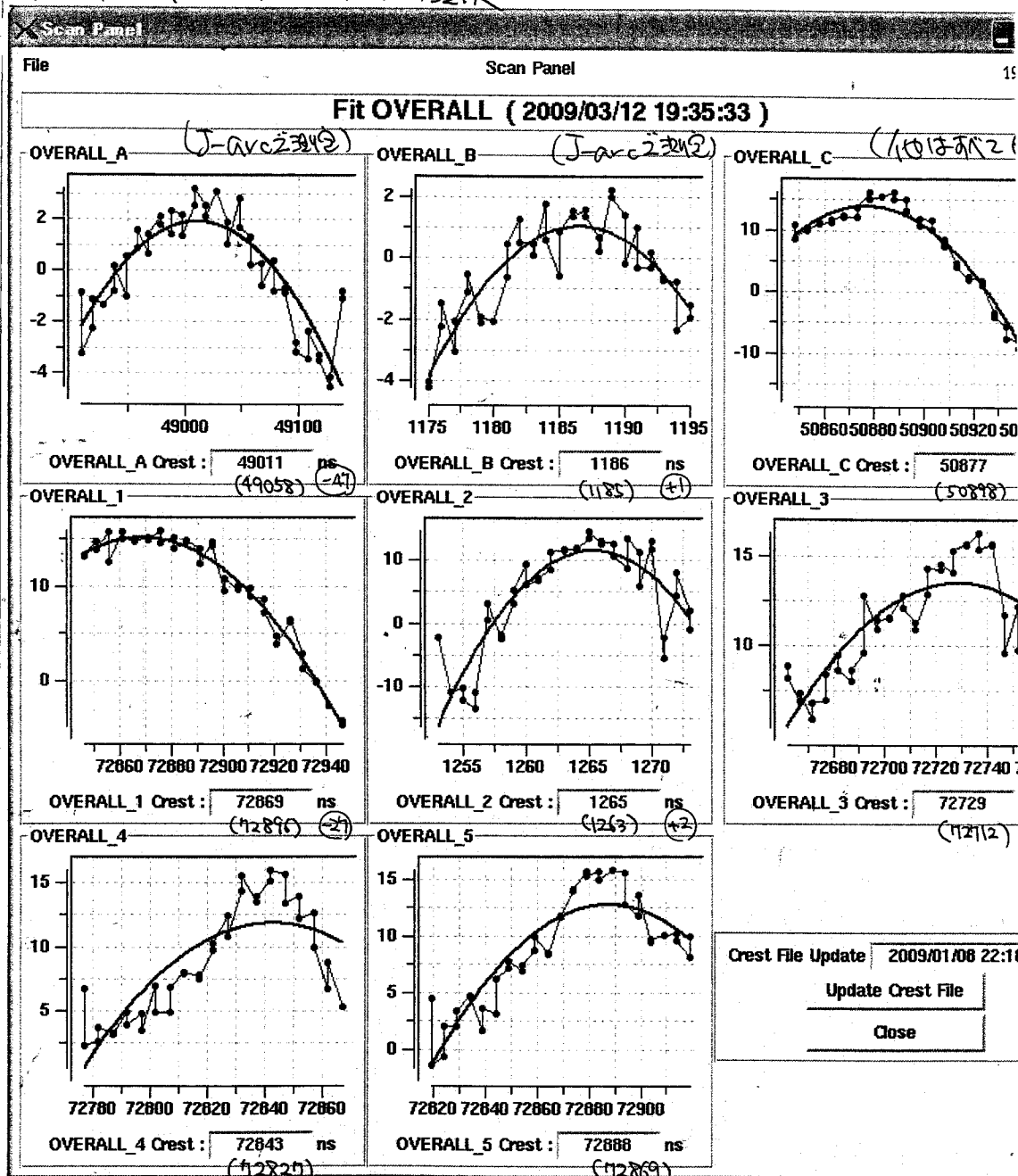
2009/03/12 B shift 5-Sec e- 10Hz 1st 工藤

2009.3.12

PF-AI E-4 イネーギ-シッター調査

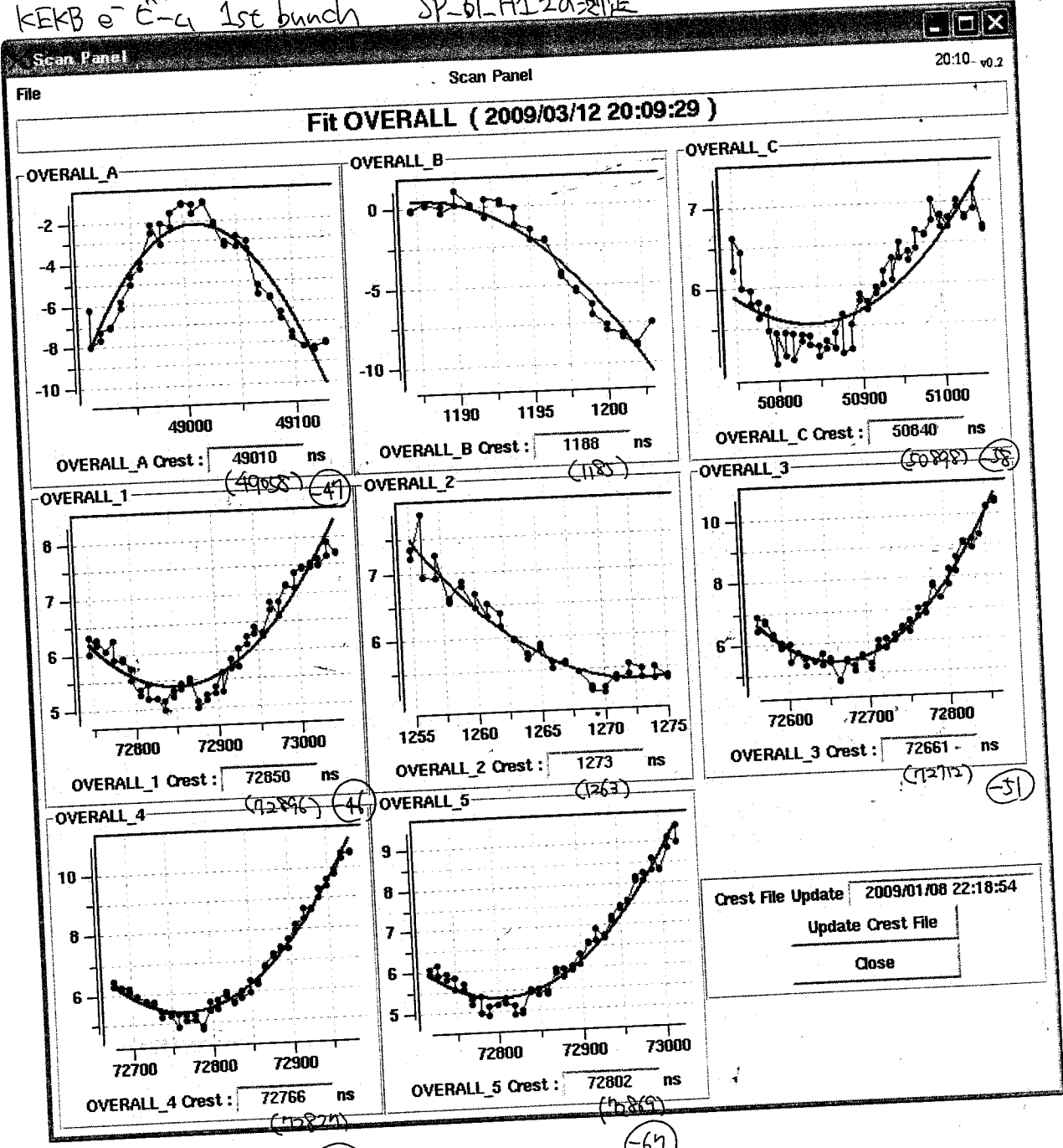
19:00

PF-AI E-4 SP-61-F1 2の測定



☆ 現在値と Energy Max timing とのずれが Sector により異なる
 ☆ 特に AI 2 はずれが大きい? 但し $96ns/2 = 48ns$ とはよく合っている。
 ☆ Sec-3, 4, 5 は減速位相にしろが \square の放射線には \square 2
 fit に 最高値を探る必要がある。

KEKB e⁻ E⁻ 1st bunch SP-61-H12の測定



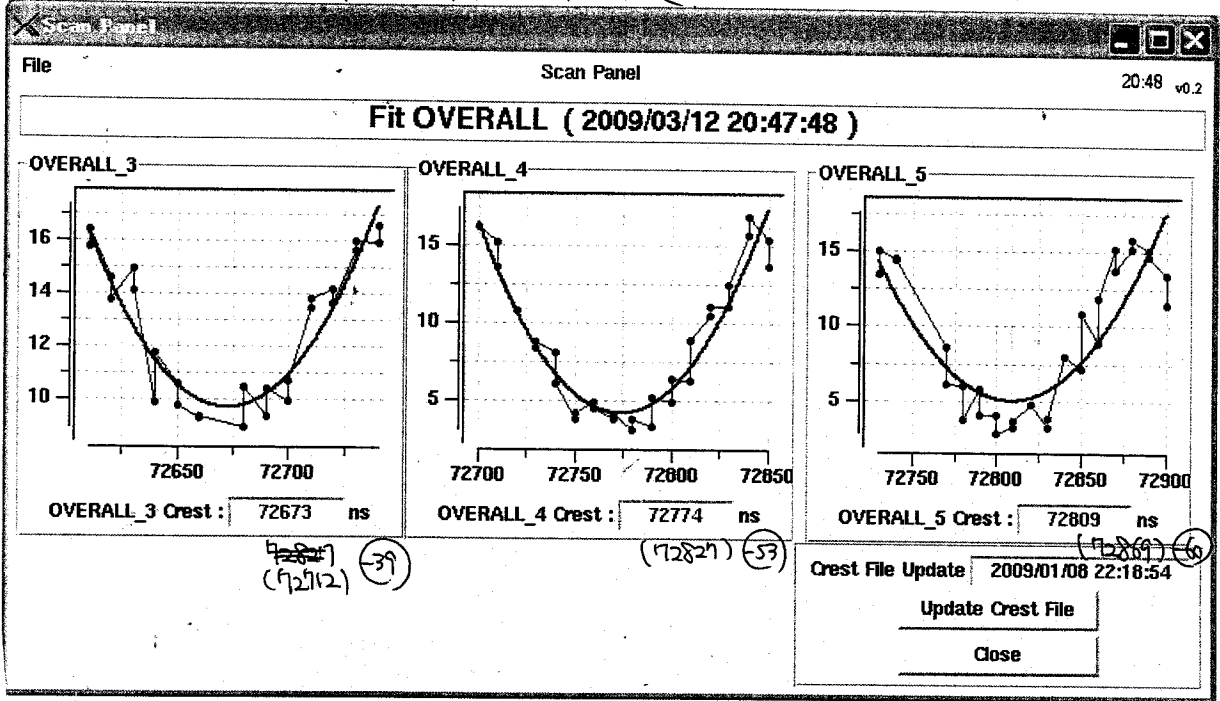
Crest File Update 2009/01/08 22:18:54

Update Crest File

Close

26 = 32

PF-AI へ-A SP-61-FI への測定



20:54