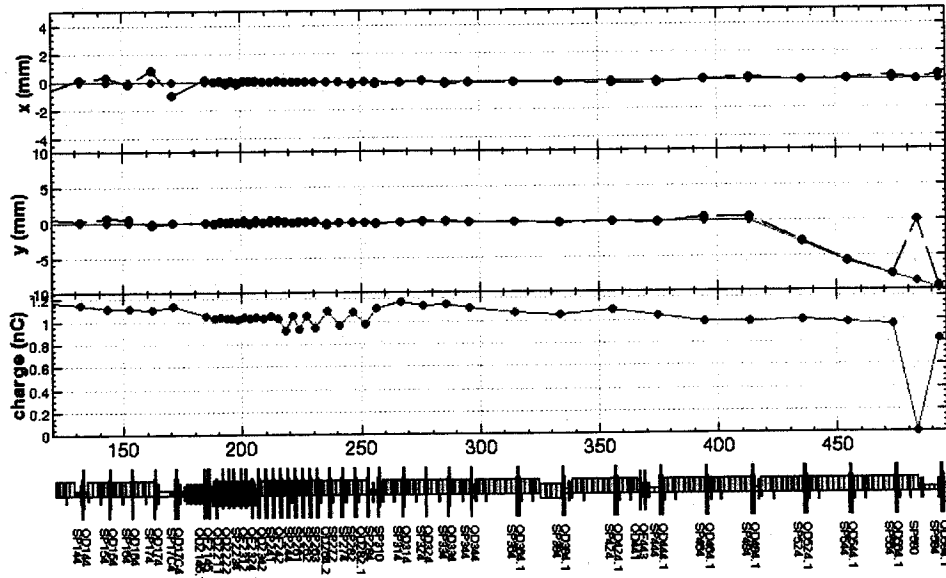


61

Orbit AF ΔK1 AB



BY484  
~~10.5~~  
 +0.3  
 -0.3 A

Read Optics		Steering SX_C1_1		Steering(X)		BX21K5		average		Add	
s1(m)	120	Read	KD	.00012	QDC14	QDC14	QDC24	QDC34	QDC44	QDC54	EPS .03
s2(m)	500	Set	Set	Clear	QDC24	QDC34	QDC44	QDC54	QDC54		Calc
Set ref		I(A)	0	Steering(Y)	BY484	QDC34	QDC44	QDC54			Show Fudge
Clear ref		ΔI(A)	0	KD	.00017	QDC44	QDC54				Set Fudge
Plot orbit		Set	Set	Clear		QDC54					Clear Fudge
File temp.dat		Set ref	Set								Create Fudge
Write DATA											

Open file is /mnt/nadadata1/users/onishi/cvs-work/LCG/SAD/Library/single-kick/20090204/by484-2.dat

14:25

2079-以降 KLY E Stb 1=.

14:28:30

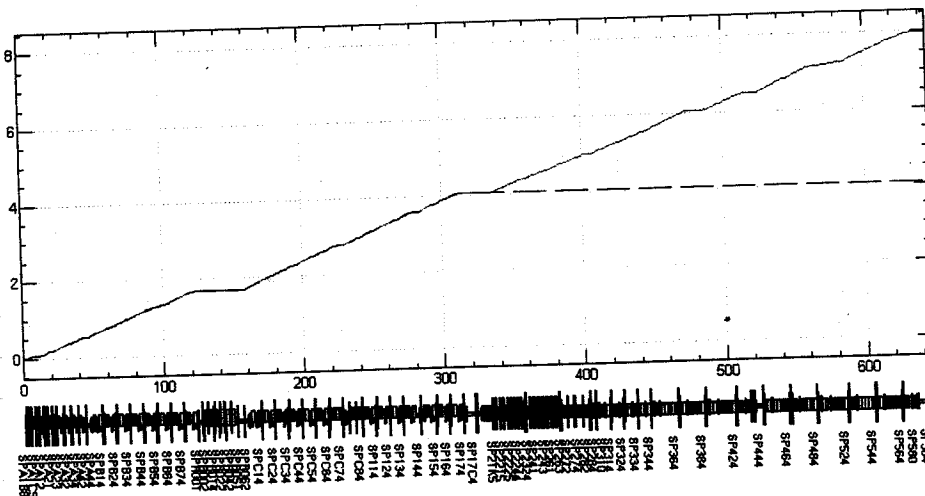
SABOT.

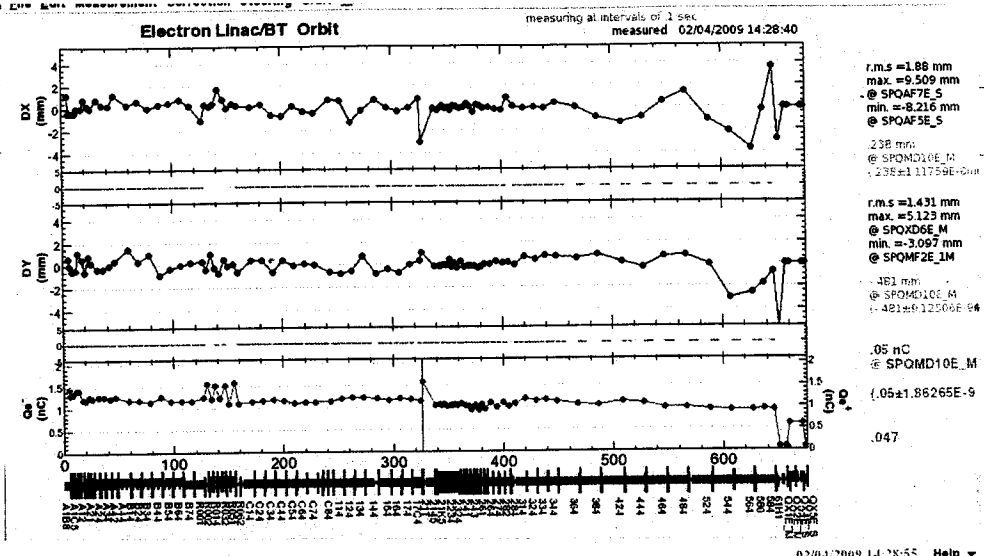
A Gen T 測定

Window KEKB e- Last updated: 02/04/2009 14:28:40 KEKB e- SABOT Output file

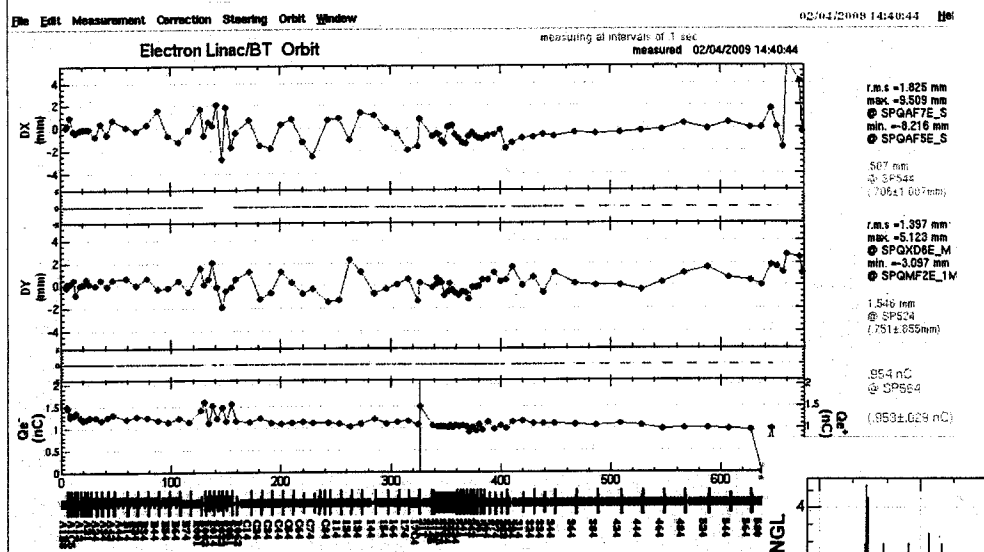
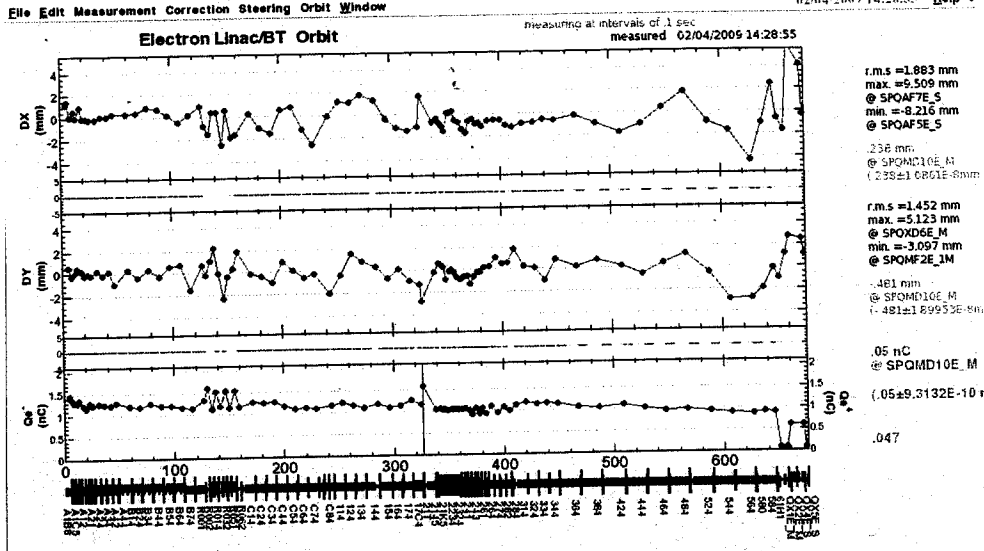
EAI 2.0E7 EJARC 1.7E9 EPT 1.0E7 E21 8.5E7 E(e-) 4.1E9 E(e+) 3.5E9 ECT 1.0E7 E(AR) 3.0E9 E(PF) 2.5E9

Quad Energy



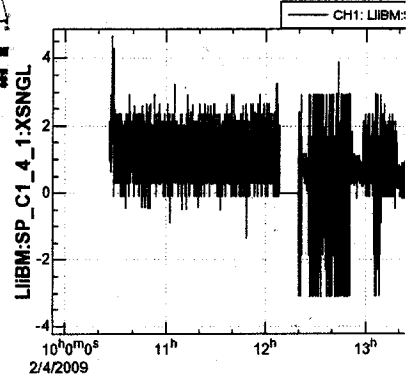


2099-X降  
S<sub>b</sub>に<sub>b</sub>した後の  
軌道



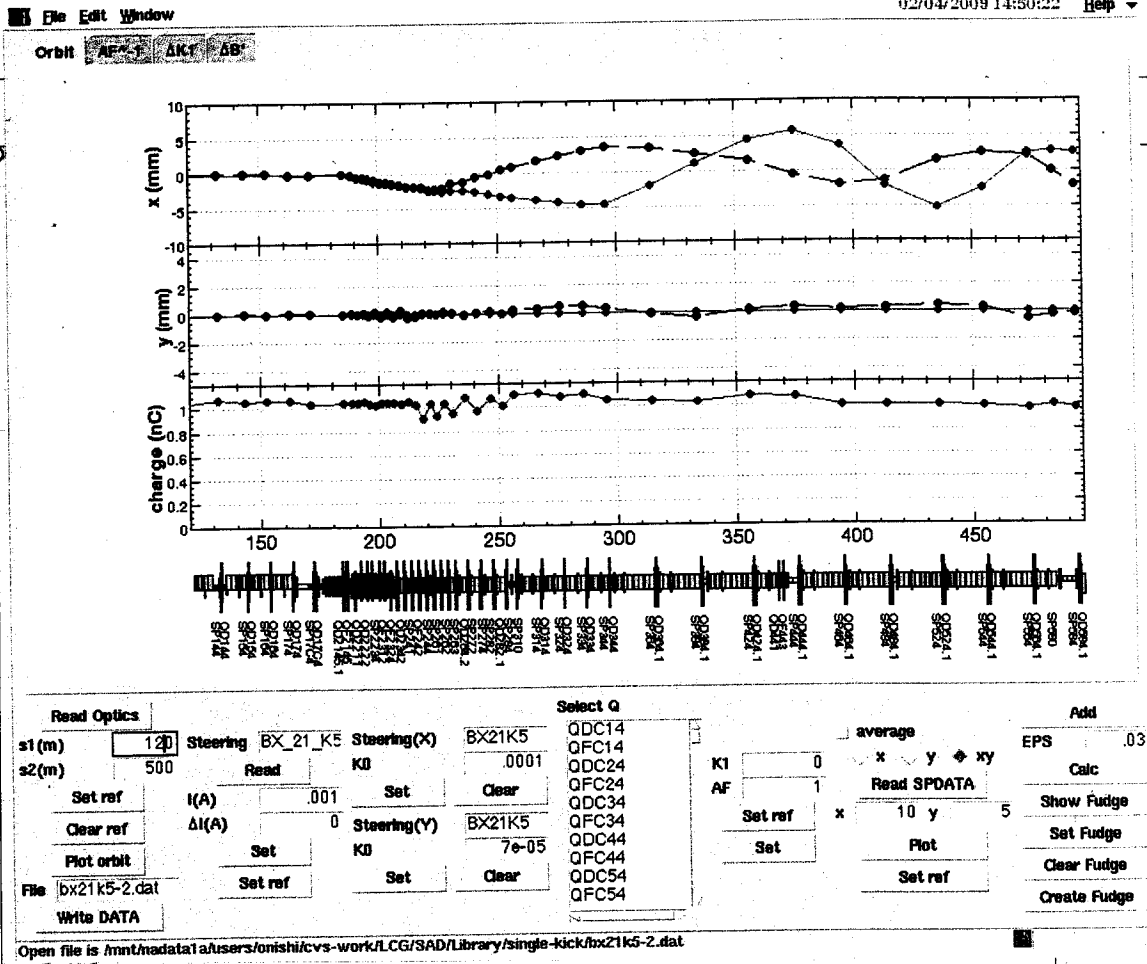
軌道補正

20090204-15:22:50 1=save

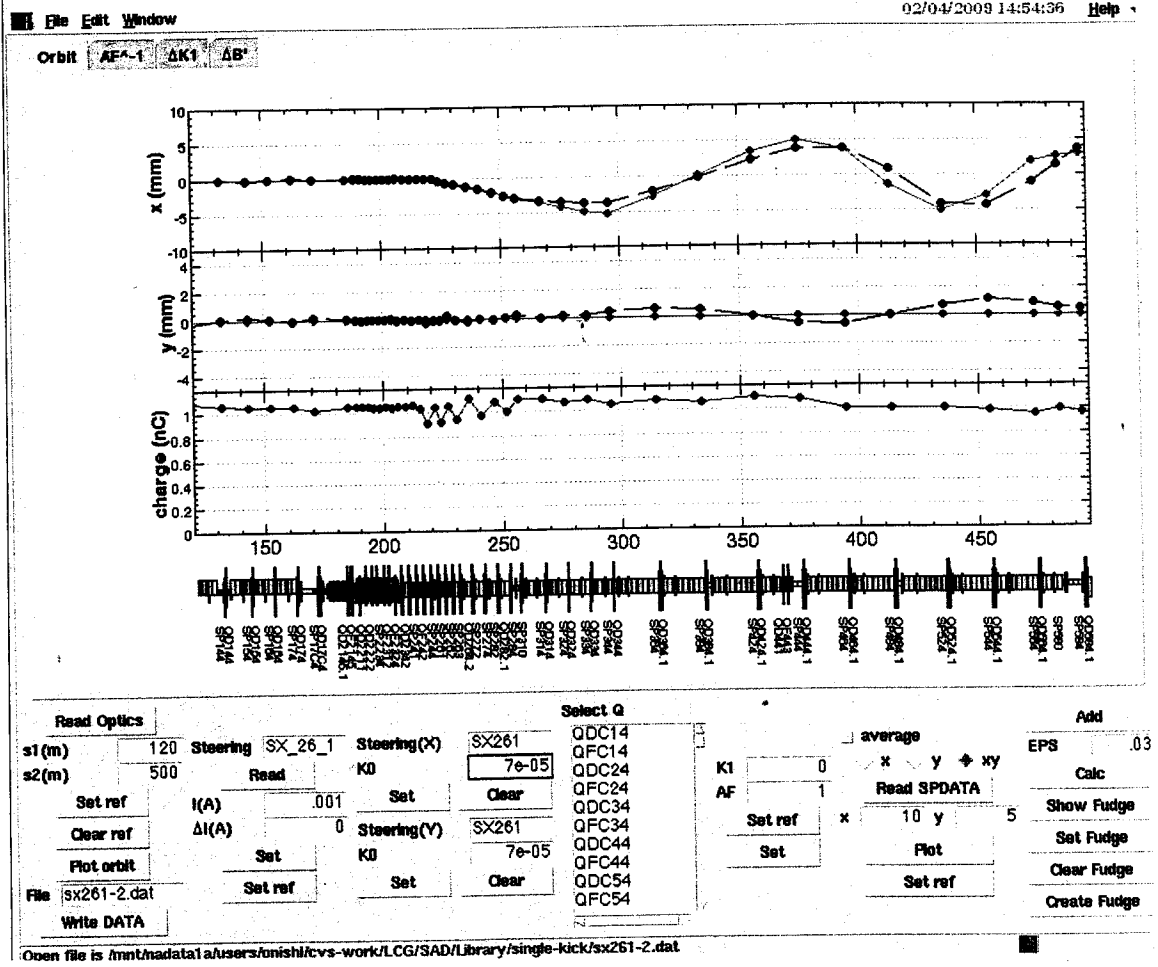


63

BY2LK5  
+2A  
-3A



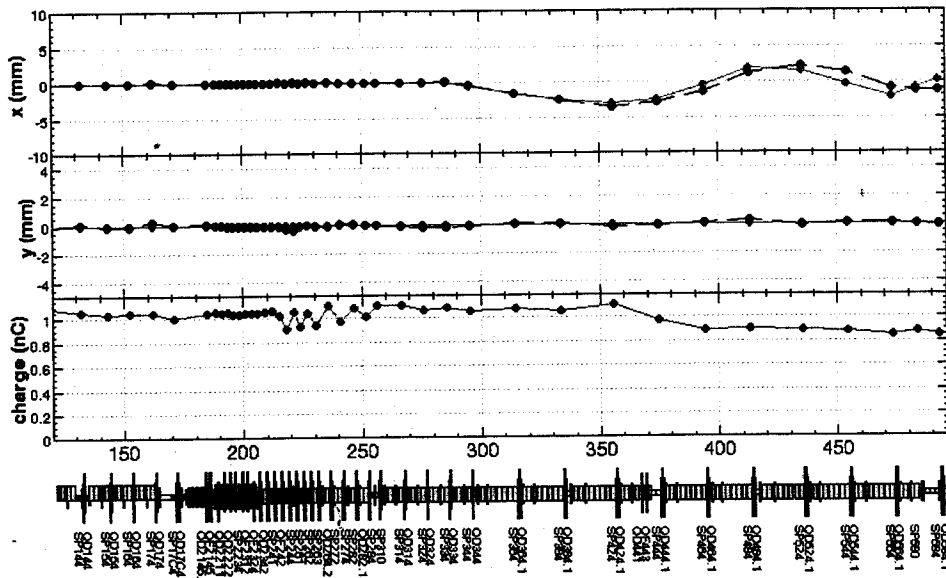
SX261  
+3A  
-2A



Orbit AFA-1 ΔK1 ΔB'

SX341

+1 A  
-1 A



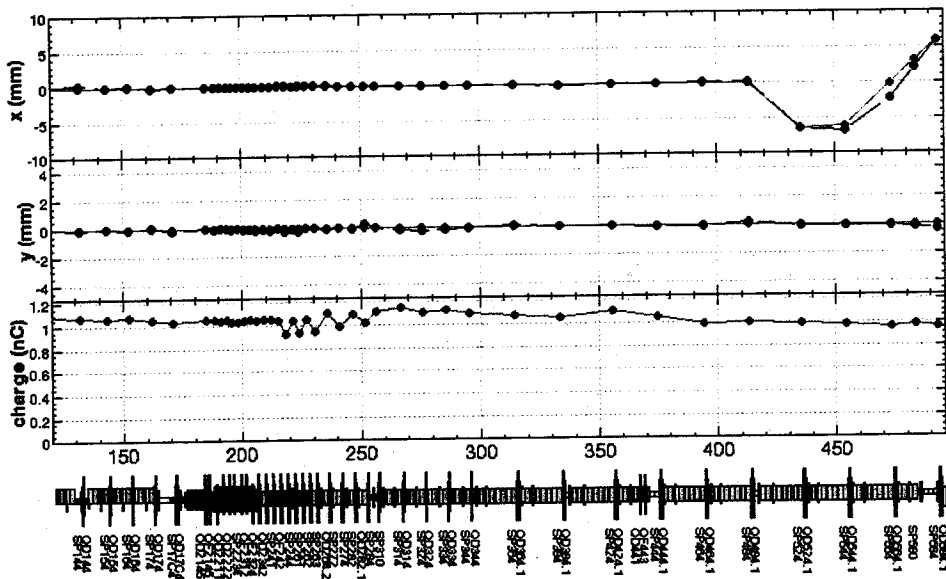
Read Optics		Steering SX_34_1		Steering(X)	SX341	Select Q		average		Add
s1(m)	120	Read	KD	Set	7e-05	QDC14	K1	0	x y xy	EPS .03
s2(m)	500	I(A)	-3.1	Set	Clear	QFC14	AF	1	Read SPDATA	Calc
Set ref		ΔI(A)	0	Set	Steering(Y)	QDC24	Set ref	x	10 y	5
Clear ref		Set		Set	KD	QDC24	Set	Plot	Plot	Show Fudge
Plot orbit		Set ref		Set	Clear	QFC34		Set ref	Set ref	Set Fudge
File	sx341-2.dat					QDC44				Clear Fudge
Write DATA						QDC44				Create Fudge

Open file is /mnt/hdata1a/users/onishi/cvs-work/LCG/SAD/Library/single-kick/sx341-2.dat

Orbit AFA-1 ΔK1 ΔB'

BX484

+0.4 A  
-0.3 A

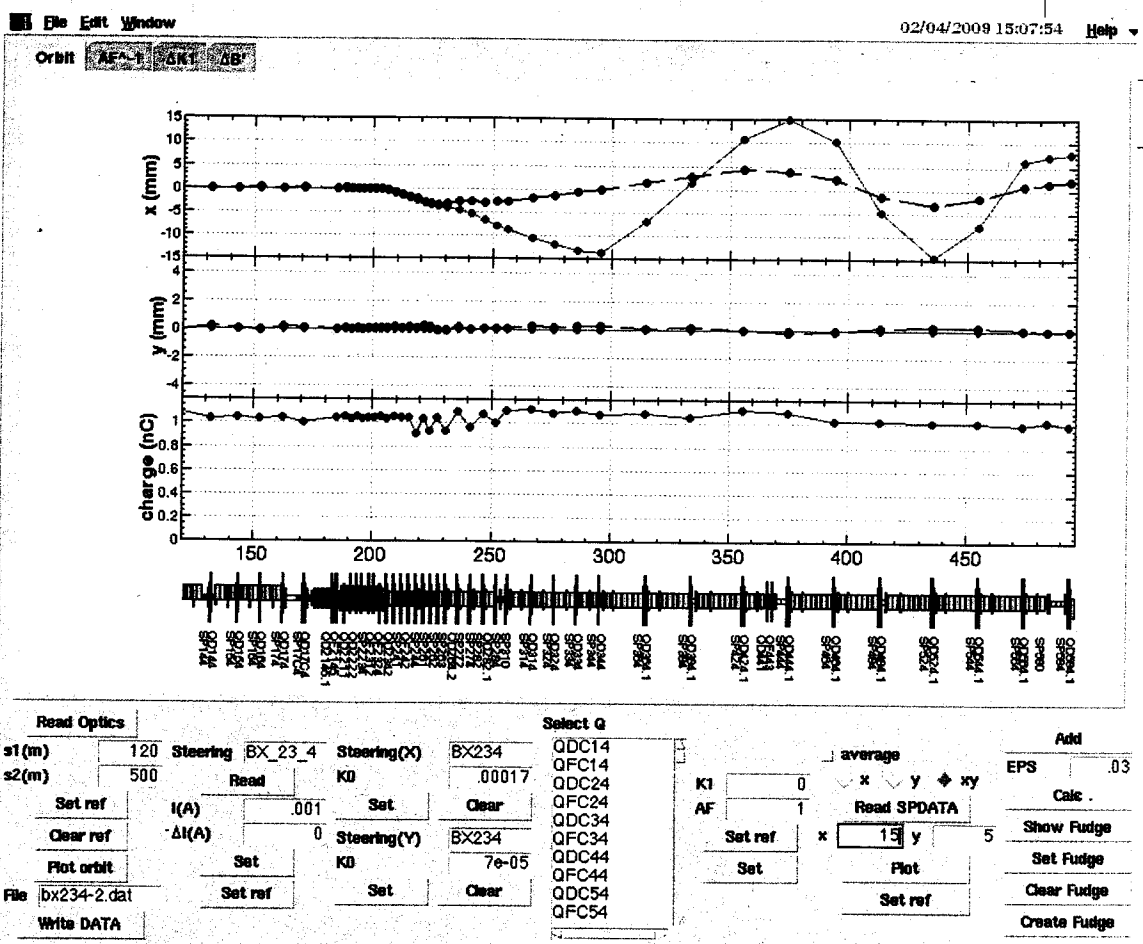


Read Optics		Steering BX_48_4		Steering(X)	BX484	Select Q		average		Add
s1(m)	120	Read	KD	Set	.00034	QDC14	K1	0	x y xy	EPS .03
s2(m)	500	I(A)	-0.6	Set	Clear	QFC14	AF	1	Read SPDATA	Calc
Set ref		ΔI(A)	0	Set	Steering(Y)	QDC24	Set ref	x	10 y	5
Clear ref		Set		Set	KD	QDC24	Set	Plot	Plot	Show Fudge
Plot orbit		Set ref		Set	Clear	QFC34		Set ref	Set ref	Set Fudge
File	bx484-2.dat					QDC44				Clear Fudge
Write DATA						QDC44				Create Fudge

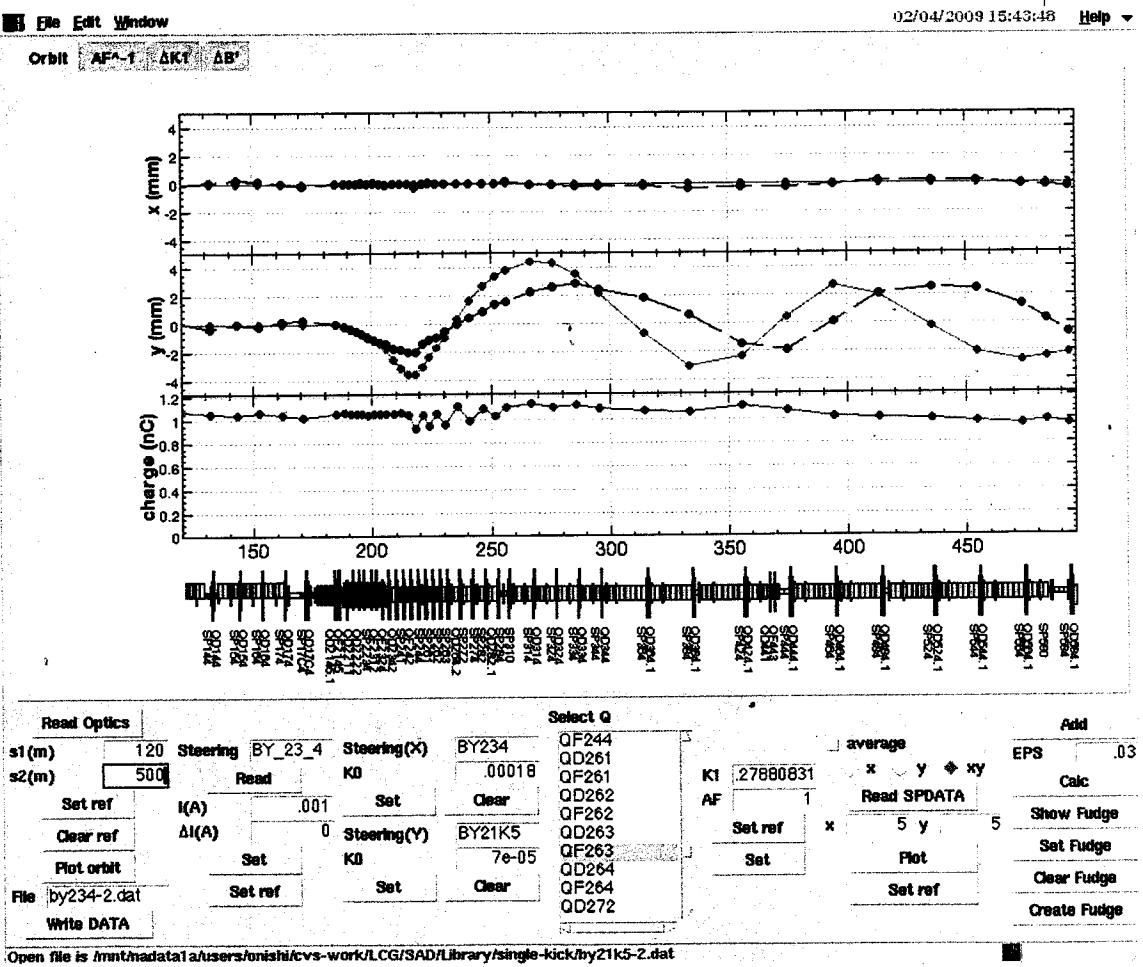
Open file is /mnt/hdata1a/users/onishi/cvs-work/LCG/SAD/Library/single-kick/bx484-2.dat

65

BX234  
{ +0.5A  
-1A

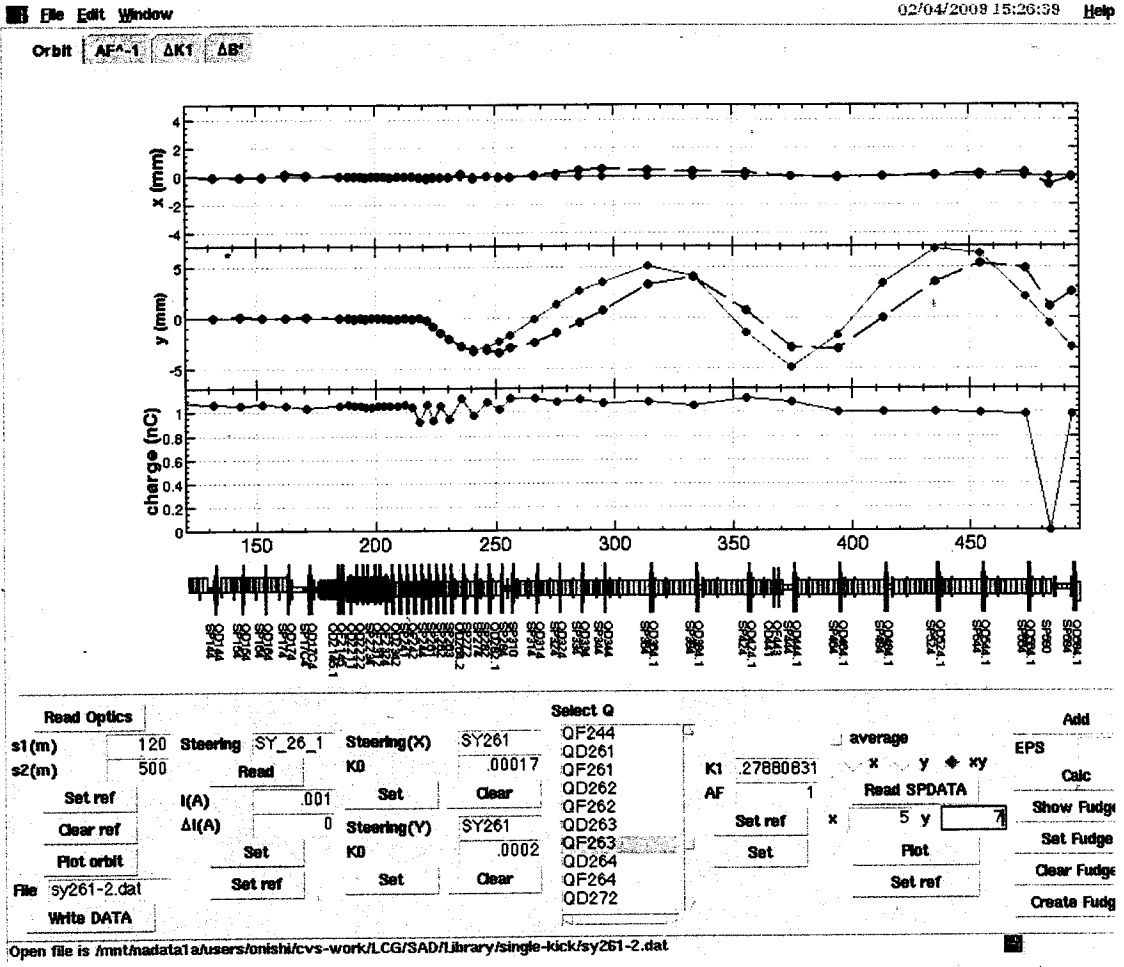


BY21K5  
{ +4A  
-.5A



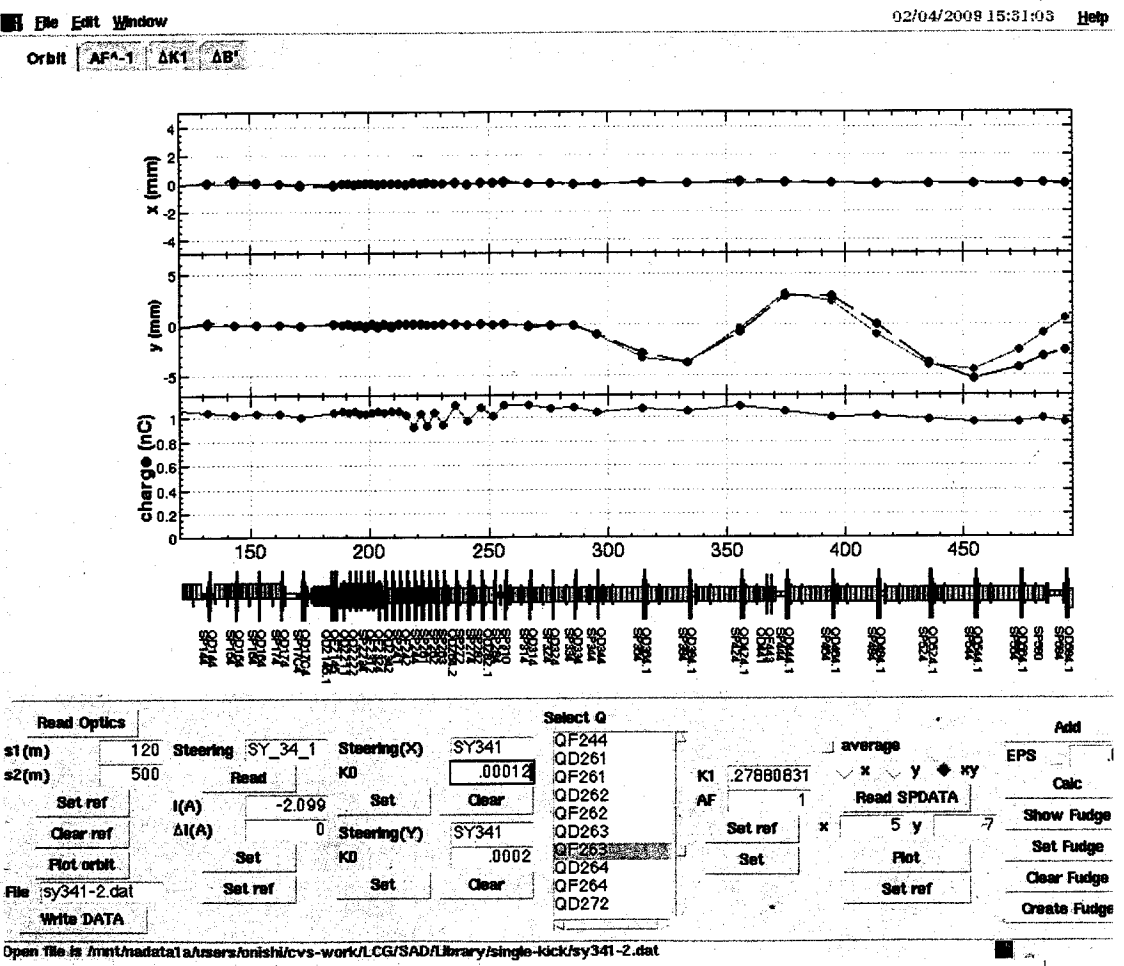
SY261

+4A  
-4A



SY341

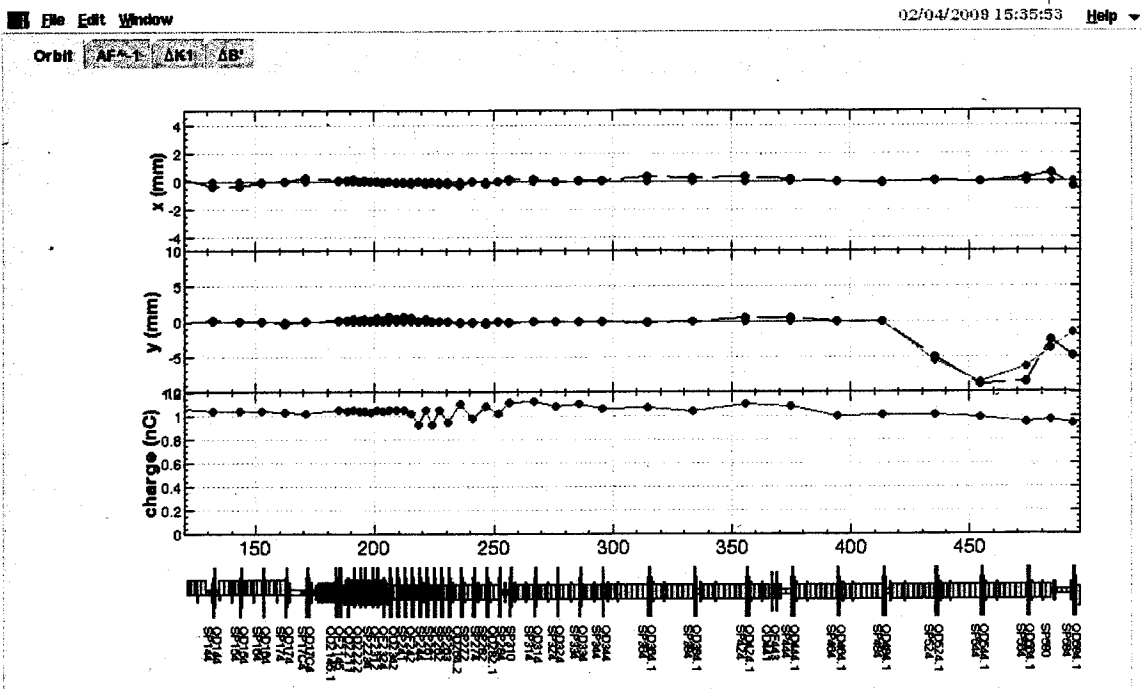
+2A  
-1.5A



67

BY484

{ +0.3A  
-0.3A

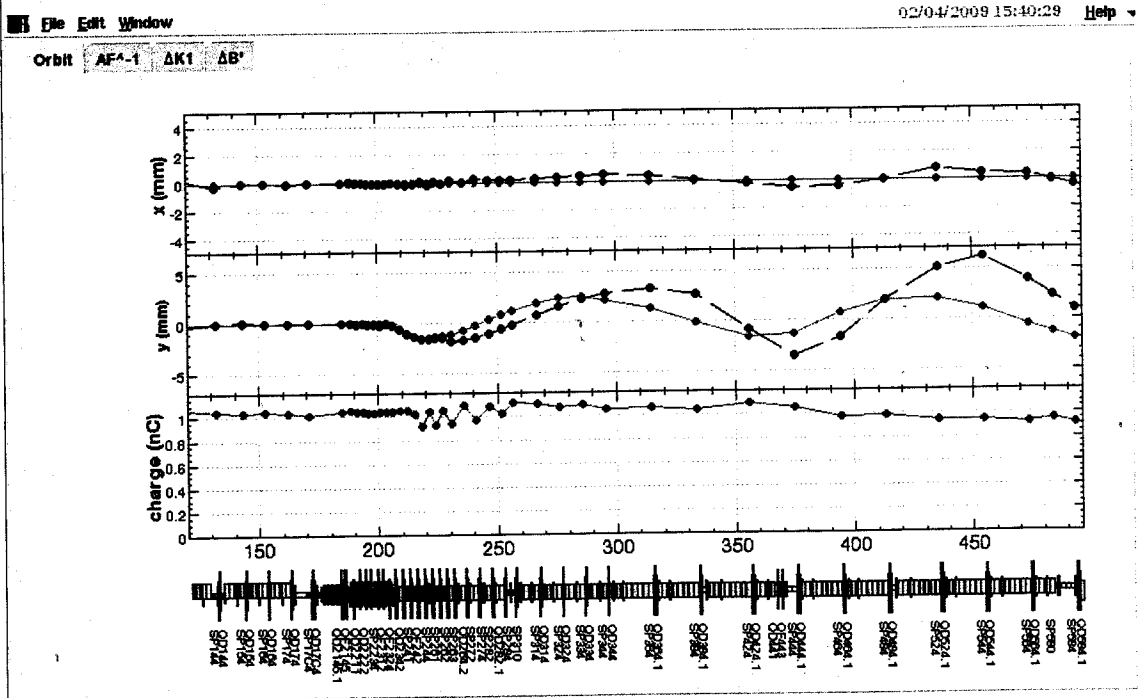


Read Optics		Steering BY_48_4		Steering(X)	BY484	QF244	average	EPS	.03
s1(m)	120	Read	K0	.0003	QD261	K1	27880831	Calc	
s2(m)	500	Set ref	I(A)	-0.089	Set	Clear	AF	Read SPDATA	Show Fudge
Clear ref		Δ(A)	0	Steering(Y)	BY484	QD262	QF262	QD263	Set Fudge
Plot orbit		Set	K0	.0002	Set	Clear	QD264	QF264	Clear Fudge
File	by484-2.dat	Set ref	Set	Clear	QD272		Plot	Set ref	Create Fudge
Write DATA									

Open file is /mnt/hadatala/users/tonishi/cvs-work/LCG/SAD/Library/single-kick/by484-2.dat

BY234

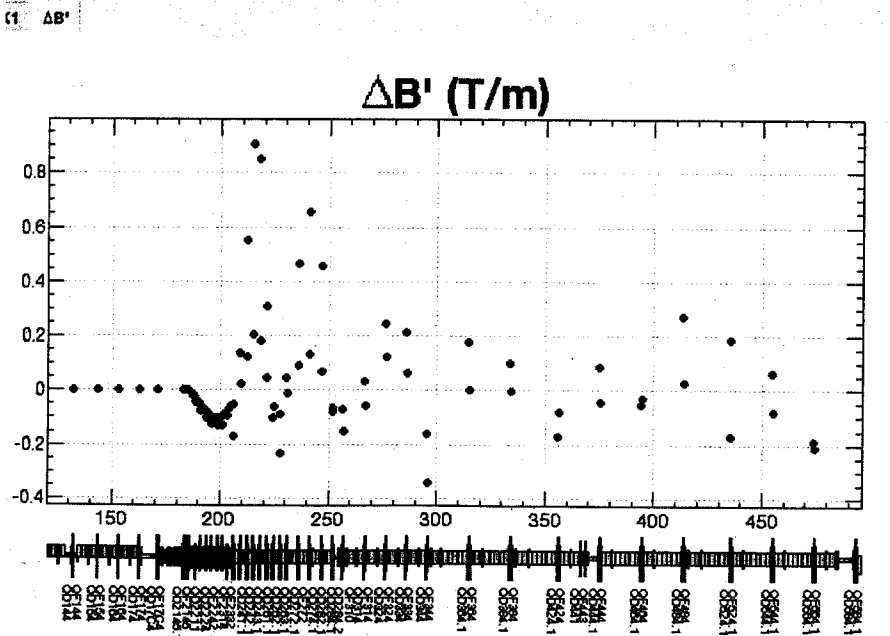
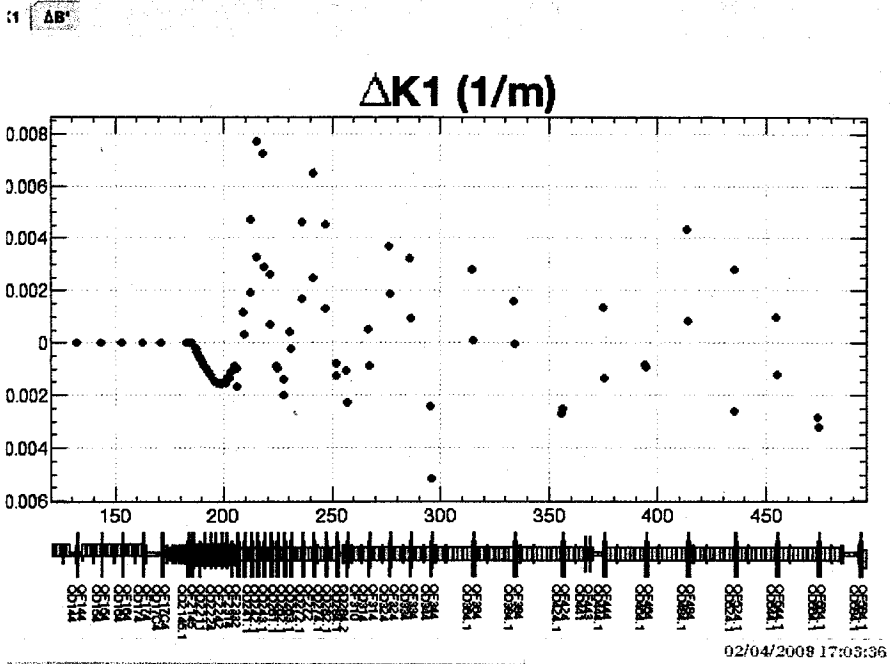
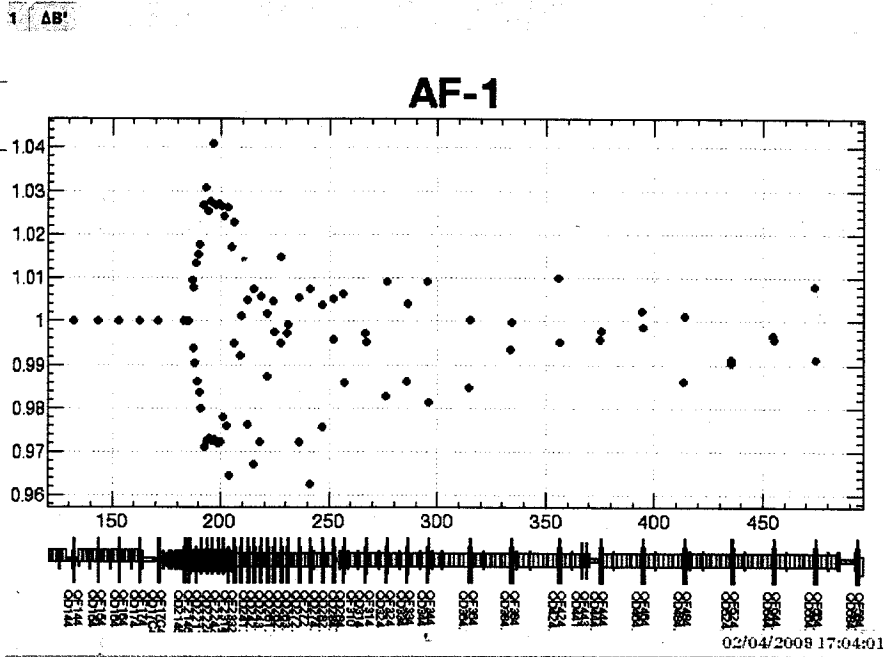
{ +0.5A  
-0.5A



Read Optics		Steering BY_23_4		Steering(X)	BY234	QF244	average	EPS	.03
s1(m)	120	Read	K0	.00018	QD261	K1	27880831	Calc	
s2(m)	500	Set ref	I(A)	.001	Set	Clear	AF	Read SPDATA	Show Fudge
Clear ref		Δ(A)	0	Steering(Y)	BY234	QD262	QF262	QD263	Set Fudge
Plot orbit		Set	K0	.00014	Set	Clear	QD264	QF264	Clear Fudge
File	by234-2.dat	Set ref	Set	Clear	QD272		Plot	Set ref	Create Fudge
Write DATA									

Open file is /mnt/hadatala/users/tonishi/cvs-work/LCG/SAD/Library/single-kick/by234-2.dat

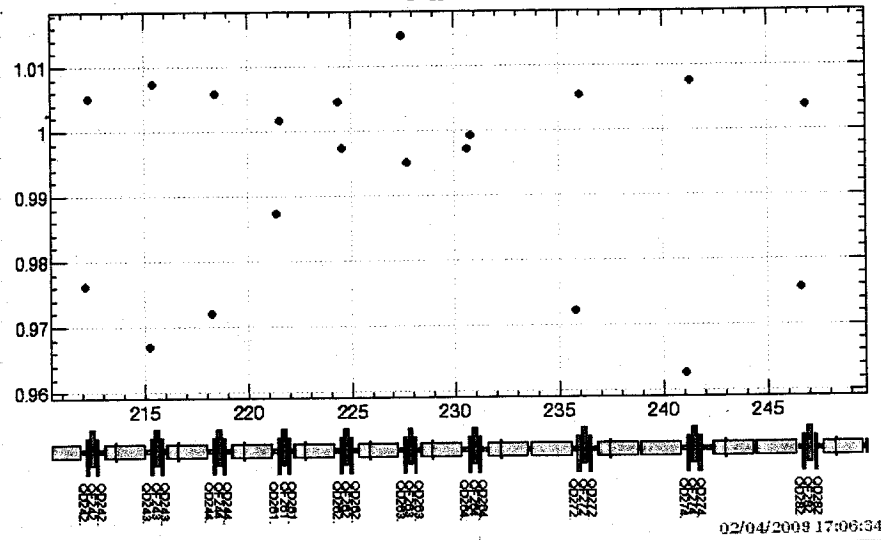
EPS = 0.03





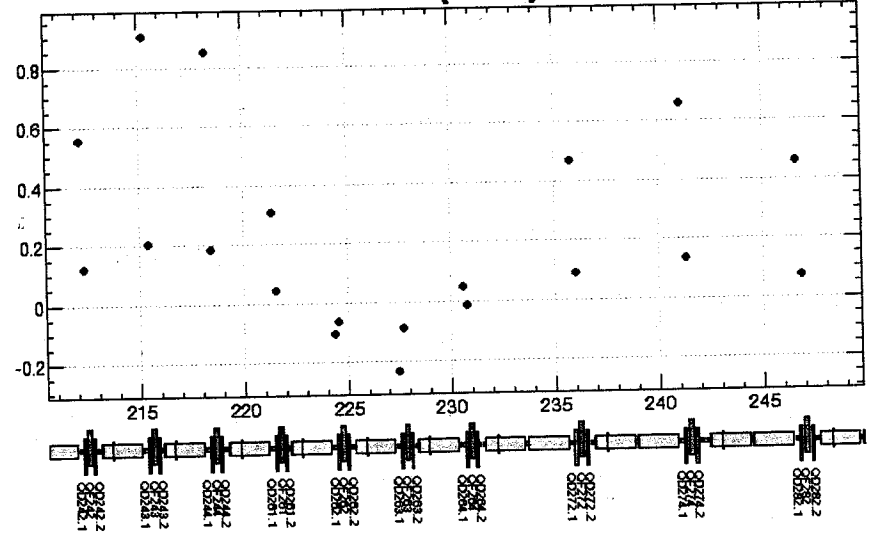
K1  $\Delta B'$

### AF-1



1  $\Delta B'$

### $\Delta B'$ (T/m)

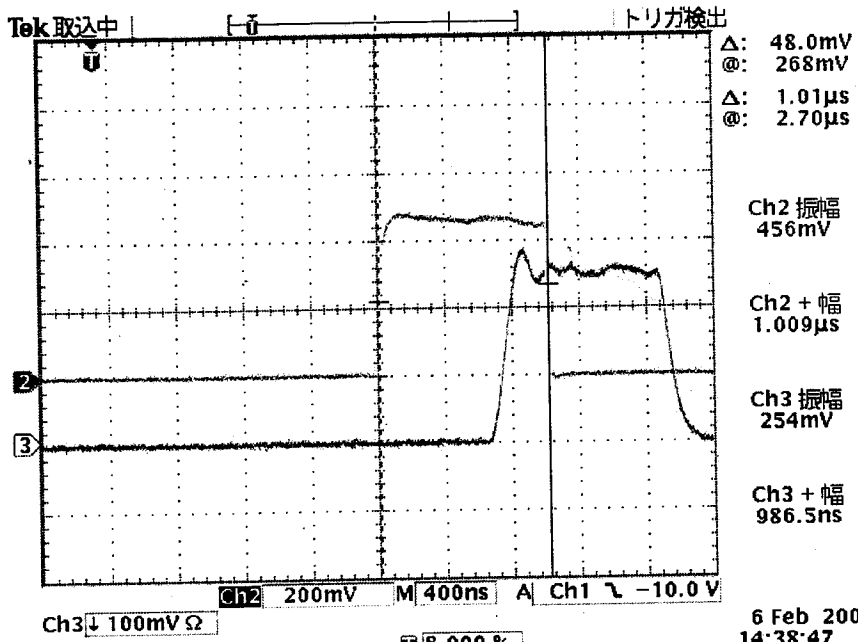


2009. 2.6(金) 標準+α水川

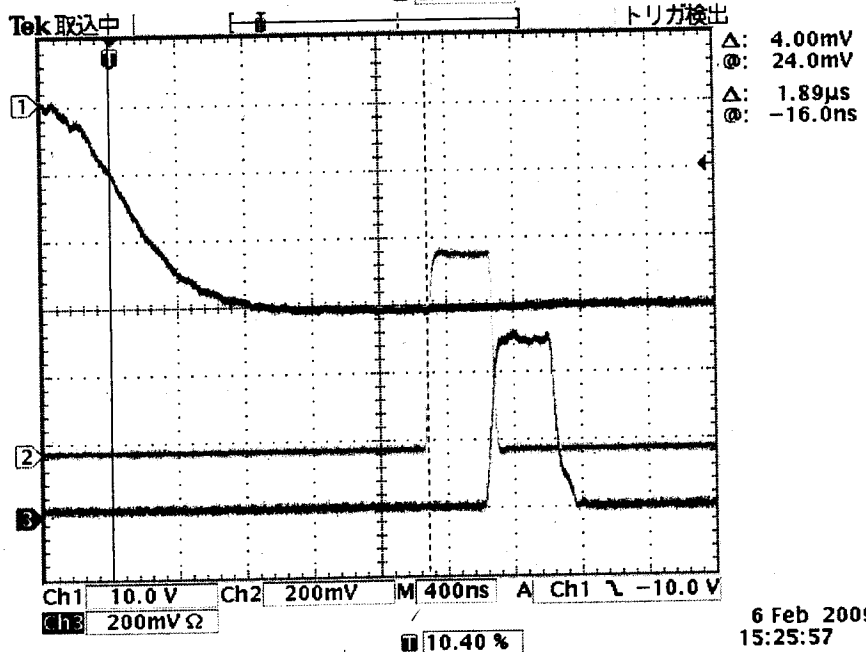
KL-18 1V/2幅 (RF)  
 ~70.0ns → 1μs

(1期子)  
 e+の捕獲効率等は増えた

KL-18φ 165° (2/R)  
 KL-21φ 30.5 → 290°



6 Feb 2009  
 14:38:47



6 Feb 2009  
 15:25:57

(2  
 e+の捕獲効率等は増えた)