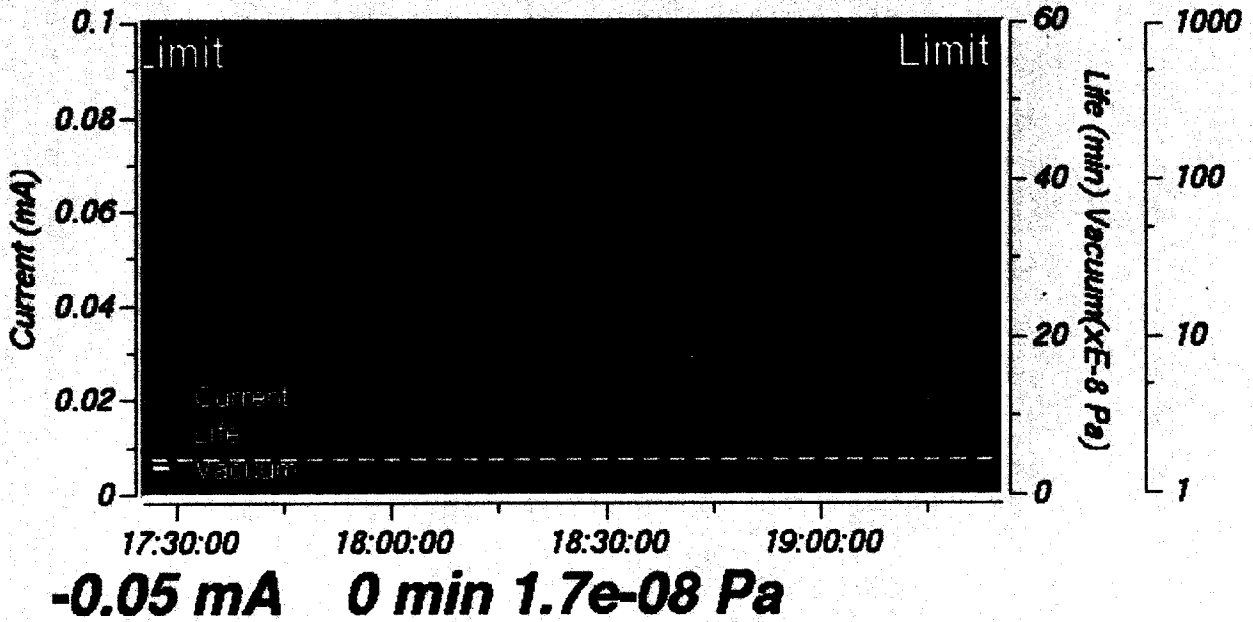


LER Status:Limit

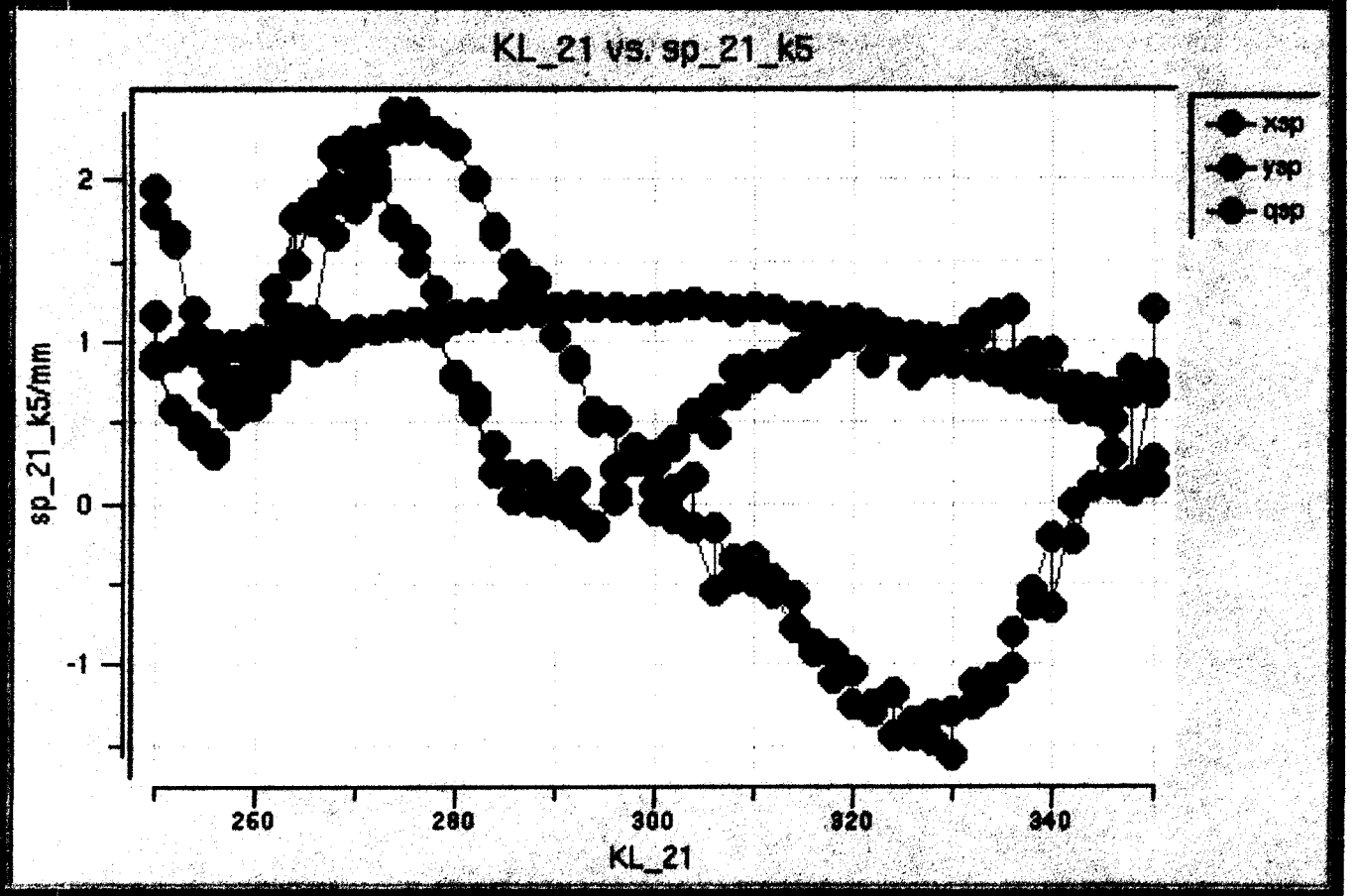
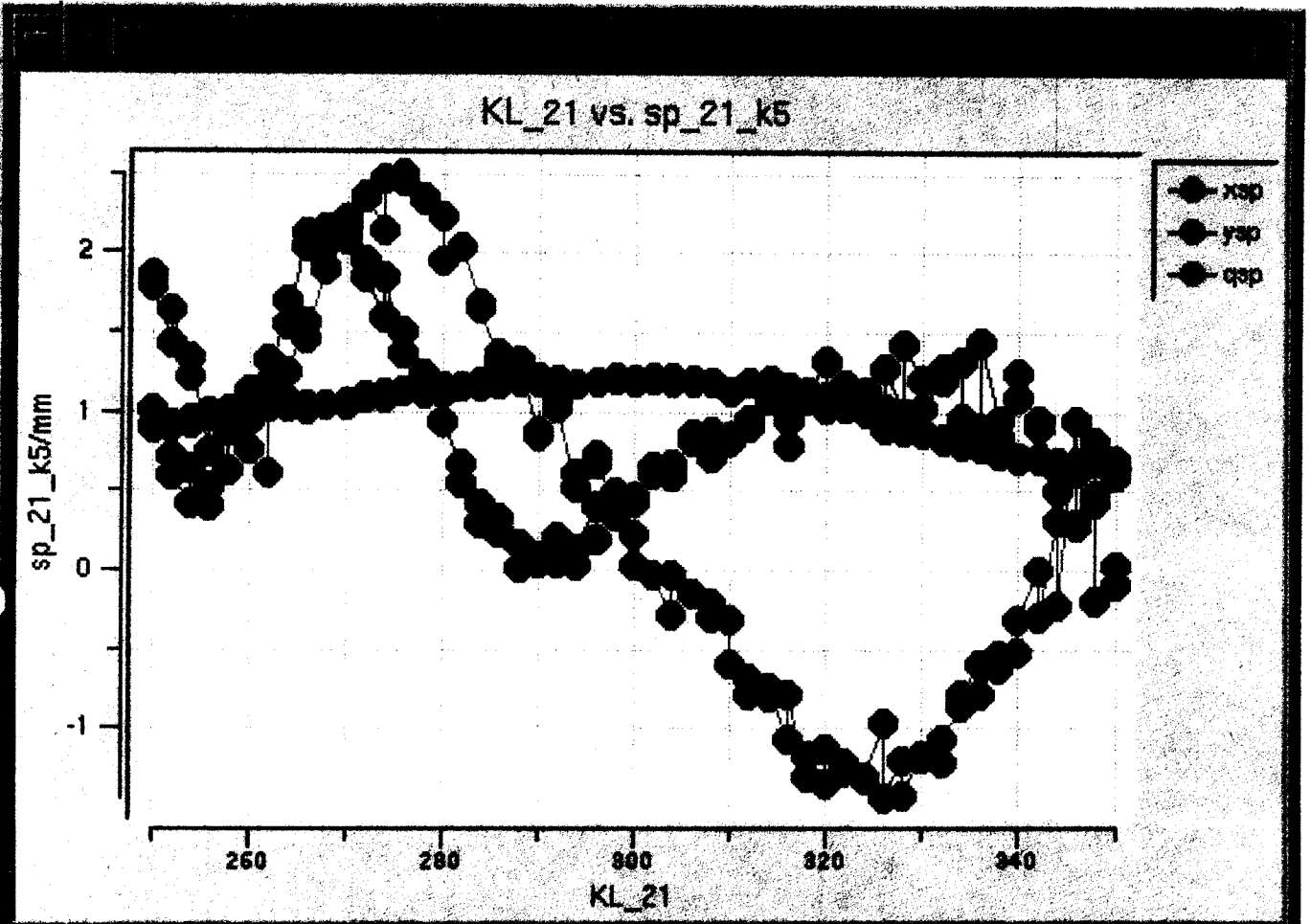
F18596 E 67 R1125



Mon Dec 22 19:25:23 2008 N.IIDA Kobayashi PRT QT

SP_A1.B8	9.884	nC	SP_22_15	0.230	nC	SP_QMD13P	0	nC
SP_B7.4	7.684	nC	SP_58.4	0.214	nC	蓄積率	0.0	mA/s
SP_C8.4	6.391	nC	SP_61.8	0.173	nC	ビーム繰返し	5.0	Hz
SP_17.C4	5.187	nC				BT Energy Feedback offset	0	

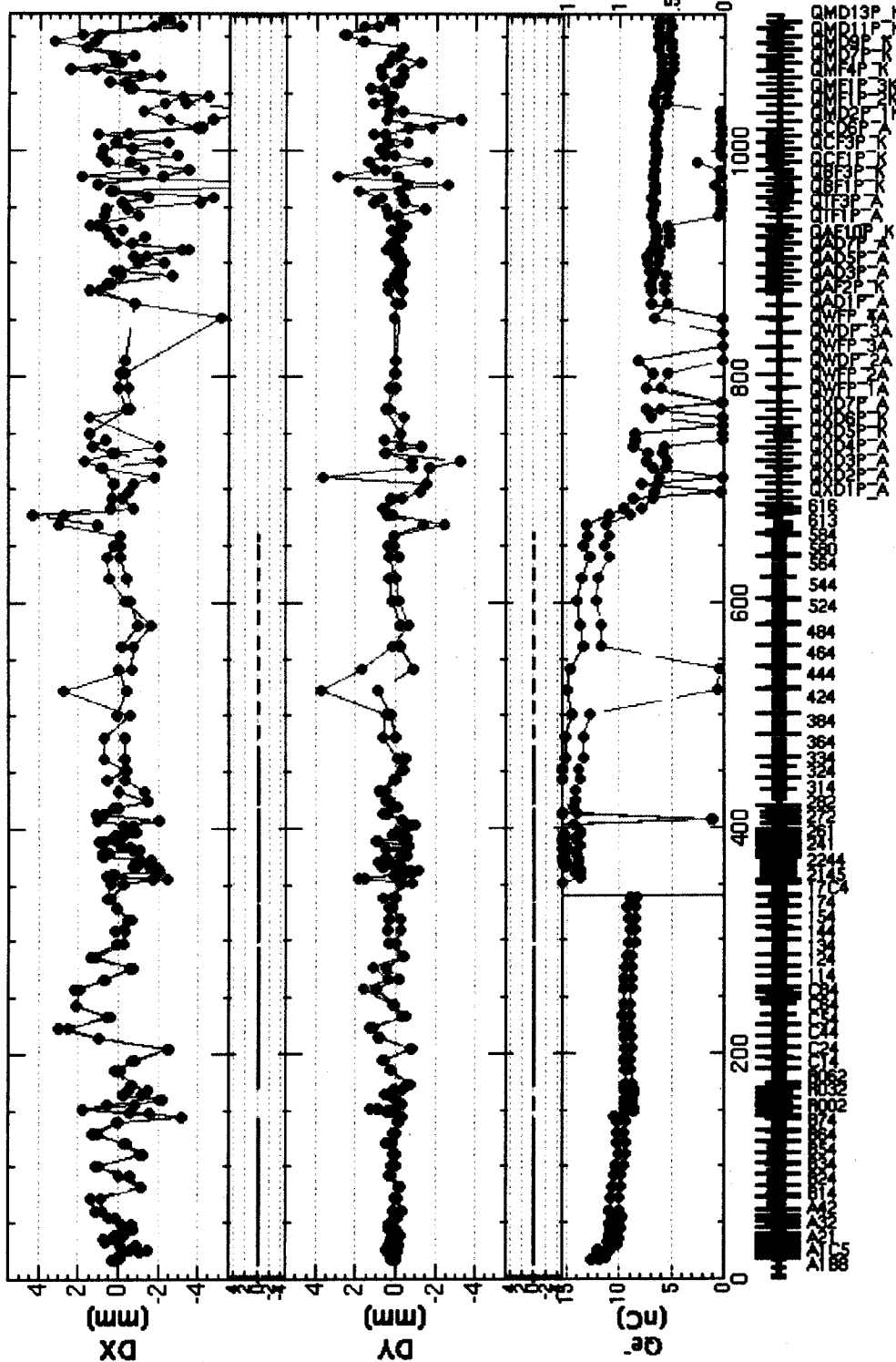
SP-17-C4 X-Pos 0 mm



SP-17-C4 X-Pos -2 mm

measuring at intervals of 3 sec
measured 12/13/2007 12:35:16

Positron Linac/BT Orbit (2-bunch)



r.m.s = 1.526 mm
max = 4.303 mm
@ SP616
min. = -6.842 mm
@ SPQMF1P_2K
442 mm
@ SP618
(1.29±1.299mm)

r.m.s = 1.513 mm
max = 2.631 mm
@ SPQMD11P_K
min. = -6.427 mm
@ SPQXF6P_A
29 mm
@ SPQMD13P_K
(-1.155±.713mm)

.612 nC
.518 nC
@ SPQMD13P_K
Qe (1.77±.245 nC)
Qe (.096±.132 nC)
.382

goldfile range DX Auto Fk (5) DY Auto Fk (5) Fk (2) Fk (10) Replot

a b r c 1 2 3 4 5 6 p1 p2

meas stat ref meas-ref stat-ref gold mea-gold sta-gold

meas stat ref meas-ref stat-ref gold mea-gold sta-gold

meas -> gold meas -> ref stat -> ref

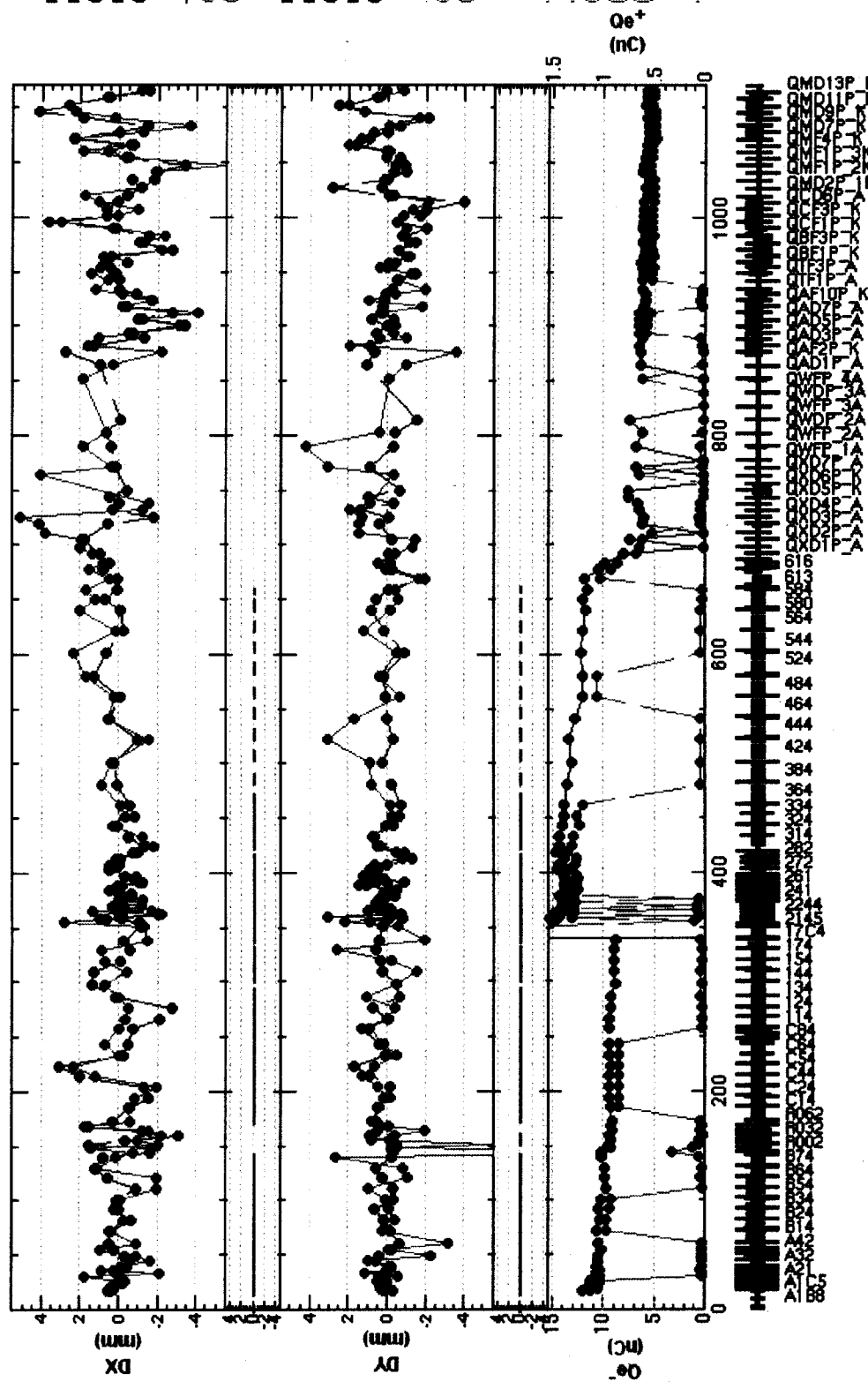
single double

Clear Statistics Standard Size

Admin: Acceleration Area

Positron Linac/BT Orbit (2-bunch)

measuring at intervals of 3 sec
measured 03/04/2008 17:29:39



r.m.s = 1.303 mm
max = 4.146 mm
@ SPGMF10P_K
min = -3.433 mm
@ SPGMF1P_3K
-418 mm
@ SPGMF1P_1K
(-28±304mm)

r.m.s = 0.64 mm
max = 2.829 mm
@ SPGMD2P_1K
min = -3.999 mm
@ SPQCD6P_A
041 mm
@ SPQMD13P_K
(-009±128mm)

.567 nC
.503 nC
@ SPQMD13P_K
(.559±.011 nC)
(.517±.026 nC)

.372

meas->gold on 03/04/2008 01:35:22

range DX Auto Fx (5) DY Auto Fx (5) Fx (2) Auto Fx (2) e⁺ 10 Replot

a b r c 1 2 3 4 5 6 p1 p2
 meas stat ref meas-ref stat-ref gold mea-gold sta-gold
 meas stat ref meas-ref stat-ref gold mea-gold sta-gold

Clear Statistics

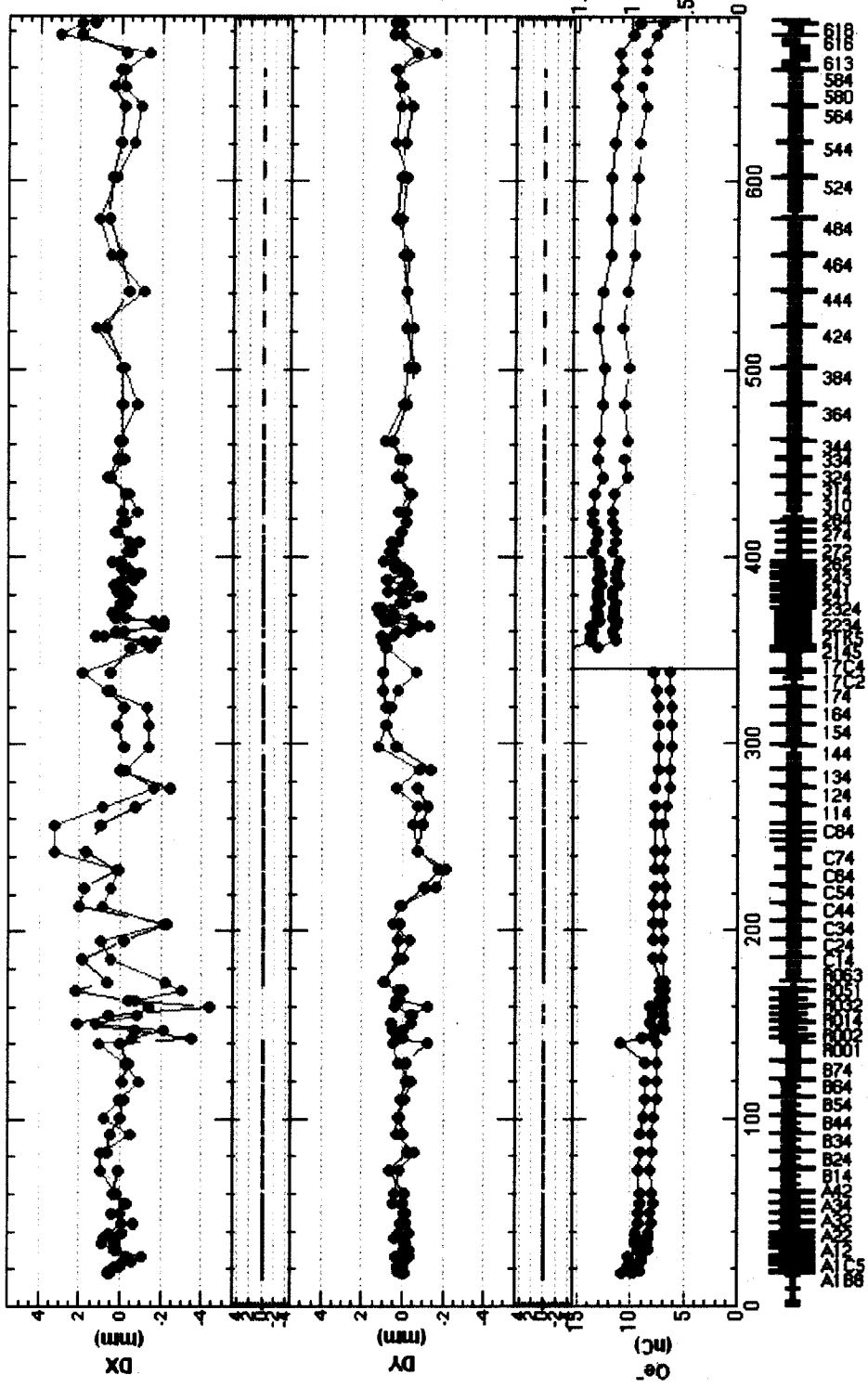
meas->gold meas->ref stat->ref

◆ single ▾ double

Standard Size

Positron Linac/BT Orbit (2-bunch)

measuring at intervals of .1 sec
measured 09/25/2008 09:04:06



r.m.s. = .792 mm
max. = -2.198 mm
@ SPR062
min. = -4.386 mm
@ SPR042

.964 mm
@ SPC84
(1.104 ± .316mm)

r.m.s. = .463 mm
max. = -1.096 mm
@ SP2333
min. = -1.756 mm
@ SPC64

0 mm
@ SPQMD13P_K
(0 ± 0mm)

.923 nC
.704 nC
@ SP618
(.905 ± .033 nC)
(.708 ± .018 nC)

.674

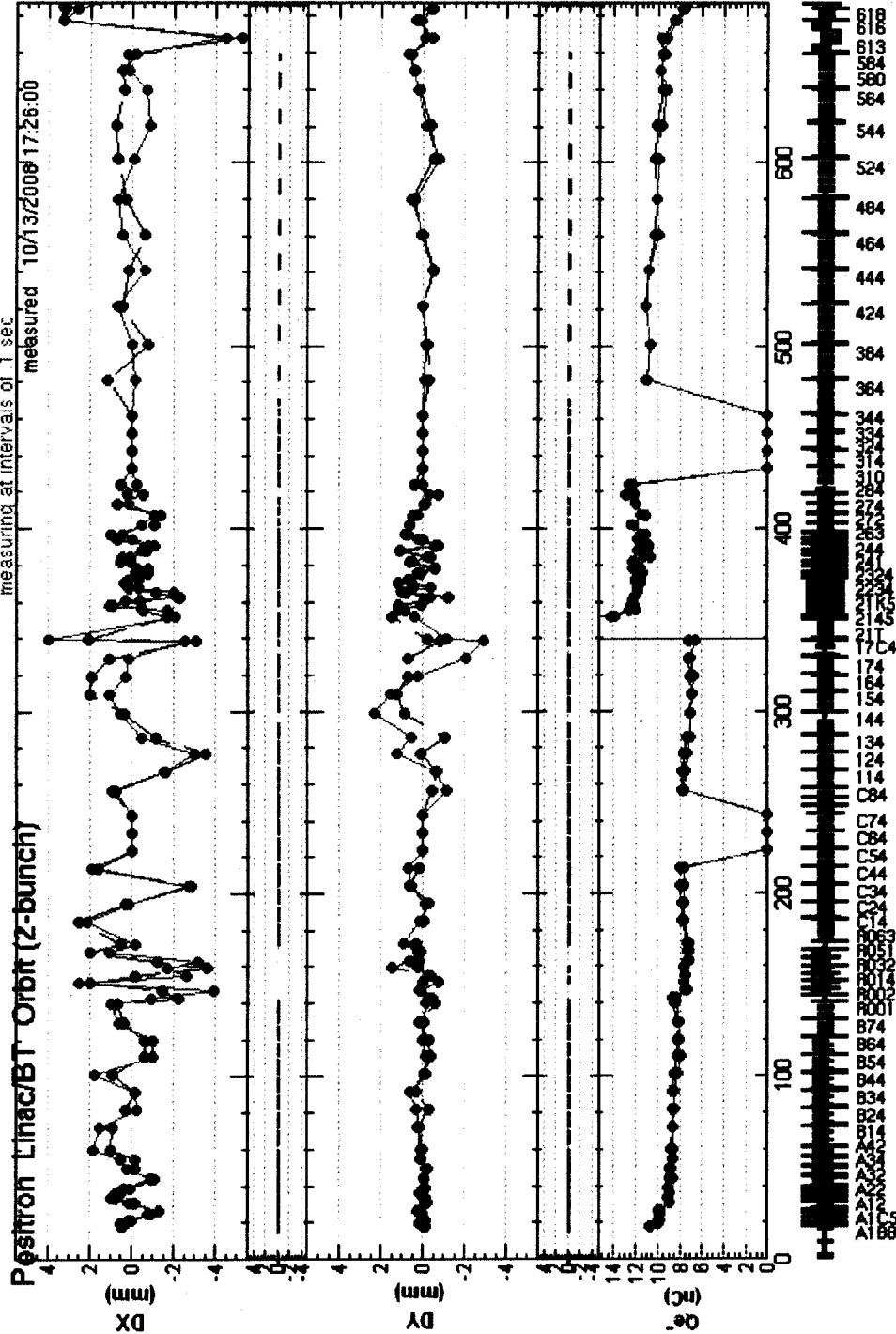
goldfile range DX Auto Fx (5) DY Auto Fx (5) Fx (2) Auto Fx (2) e⁻ 10 Replot

a b r c 1 2 3 4 5 6 p1 p2 Clear Statistics Standard Size

meas stat ref meas-ref stat-ref gold meas-gold sta-gold meas -> gold meas -> ref stat -> ref

meas stat ref meas-ref stat-ref gold meas-gold sta-gold meas -> gold meas -> ref stat -> ref

single double



goldfile range DX Auto Fx (5) DY Auto Fx (5) Auto Fx (11) e/e* 10 Replot

Clear Statistics Standard Size

meas -> gold meas -> ref stat -> ref

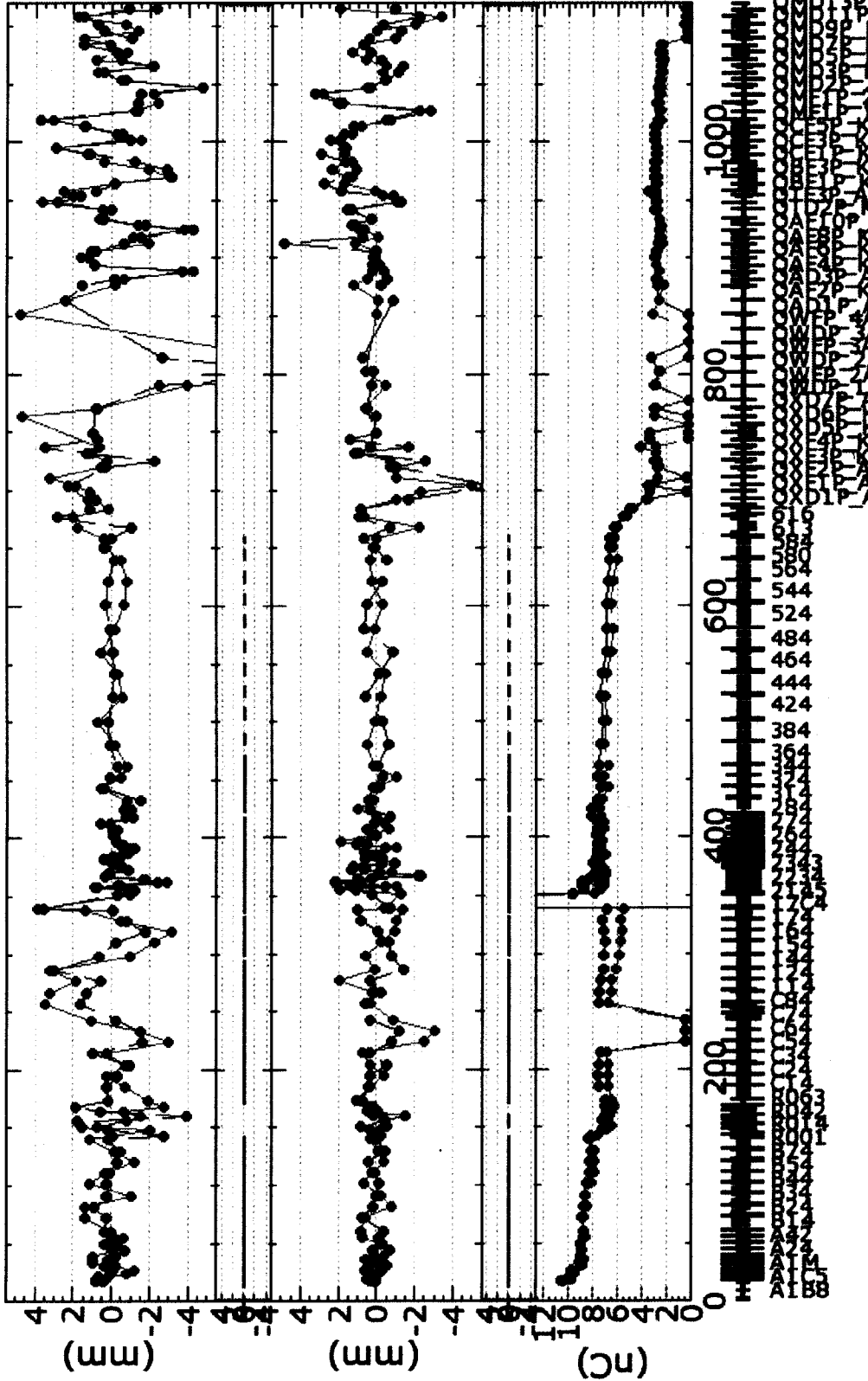
meas -> gold meas -> ref stat -> ref

single double

Main Application Area

Positron Linac/BT Orbit (2-bunch)

measuring at intervals of .1 sec
measured 10/24/2008 15:29:42



r.m.s = 1.713 mm
max. = 3.767 mm
SPQMF1P_1K
min. = -10.614 mm
SPQWFP_2A
.314 mm
SPA44
(.361±.061mm)

r.m.s = 1.216 mm
max. = 4.839 mm
SPQAF8P_K
min. = -5.753 mm
SPQXD2P_A
-.948 mm
SPQMD13P_K
(-.501±.895mm)

.254 nC
.231 nC
SPQMF8P_K
(.249±.004 nC)
(.435±.01 nC)
.291

goldfile range DX ● Auto ● Fix (5) ▲ DY ▼ Auto ● Fix (9) ▲ e/e* 10 ▼ Replot

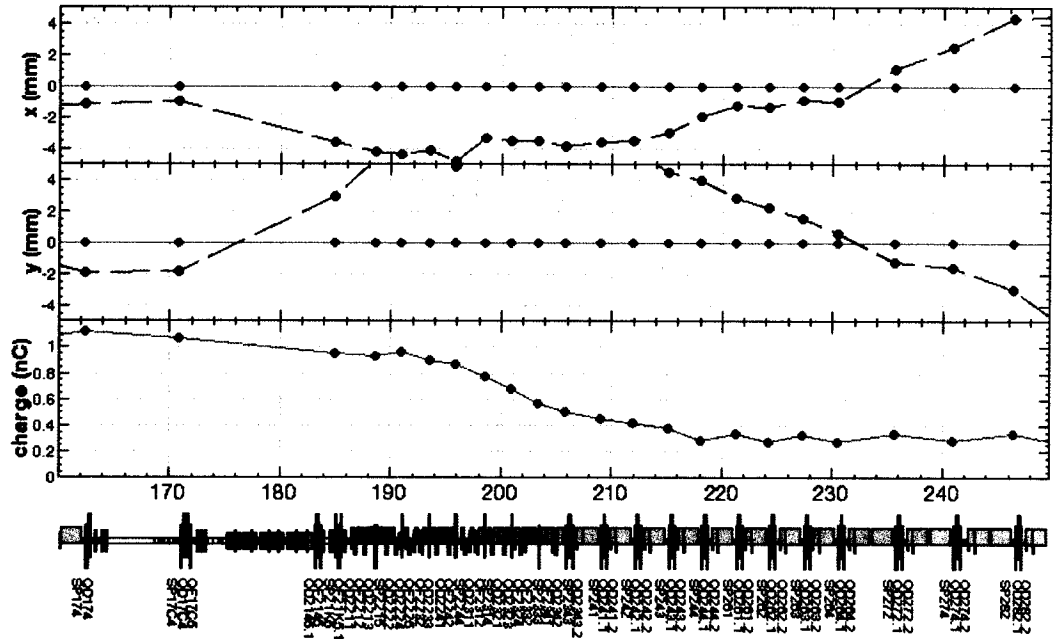
a b r c 1 2 3 4 5 6 p1 p2
 meas stat ref meas-ref stat-ref gold mea-gold sta-gold
 meas stat ref meas-ref stat-ref gold mea-gold sta-gold

meas -> gold meas -> ref stat -> ref

Clear Statistics Standard Size

● single ● double

Orbit AF-1 ΔK1 ΔB*



Read Optics		Steering SX_C1_1		Steering(X)	SXC11	Select Q		average		Add
s1(m)	160	Read	K0	7e-05	QDC14	K1	0	x	y	EPS
s2(m)	250	Set ref	Steering(Y)	SYC11	QFC14	AF	1	Read SPDATA		.03
		Clear ref	K0	7e-05	QFC24	Set ref	x	5 y		Calc
		Plot orbit	Set	Clear	QDC34	Set		Plot		Show Fudge
File	temp.dat	Set ref	Set	Clear	QDC44			Set ref		Set Fudge
		Write DATA			QFC44					Clear Fudge
					QDC54					Create Fudge
					QFC54					

Orbit Response on localhost:11.0