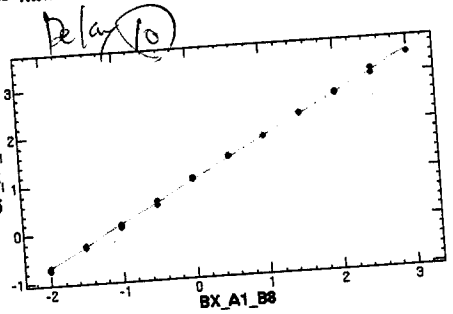
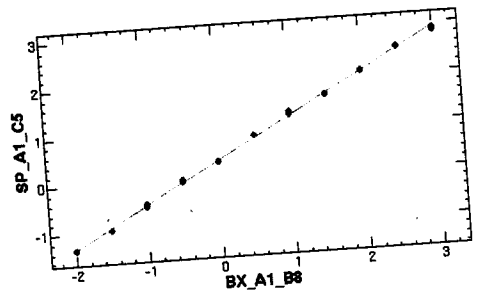
14 Help

10/08/2003 21:13:05 Help

+/- .01100



Energy at A1_B8 : 18.2209405938563201 MeV

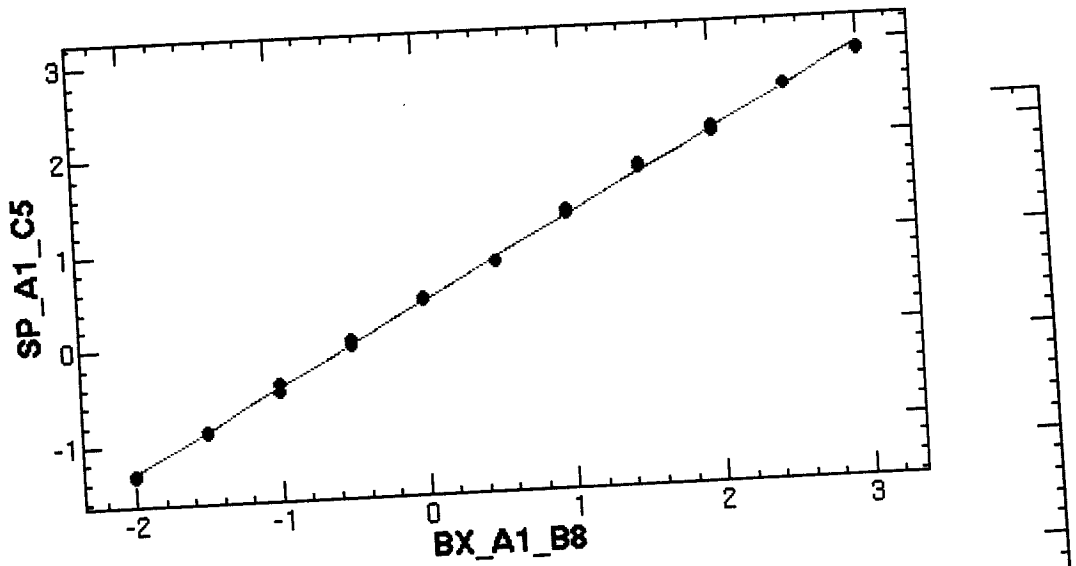


Energy at A1_B8 : 17.7368319701725 8 MeV

Hard Copy

= .85058 +/- .00574

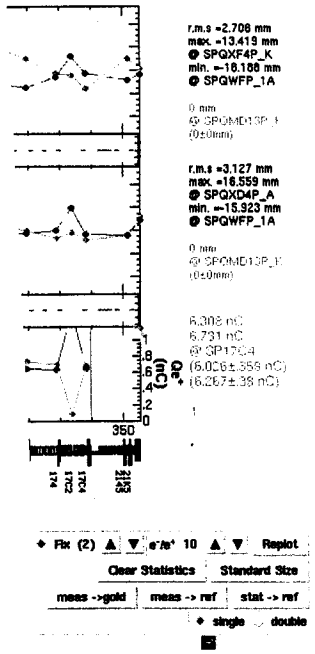
D = .39848 +/- .00952

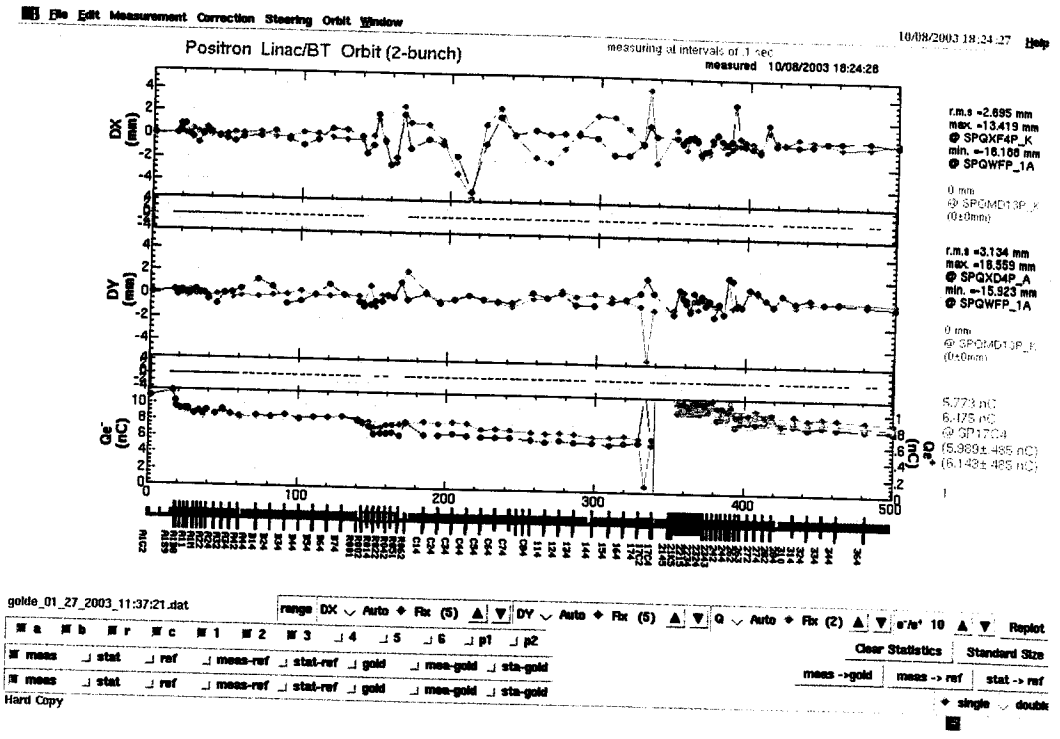


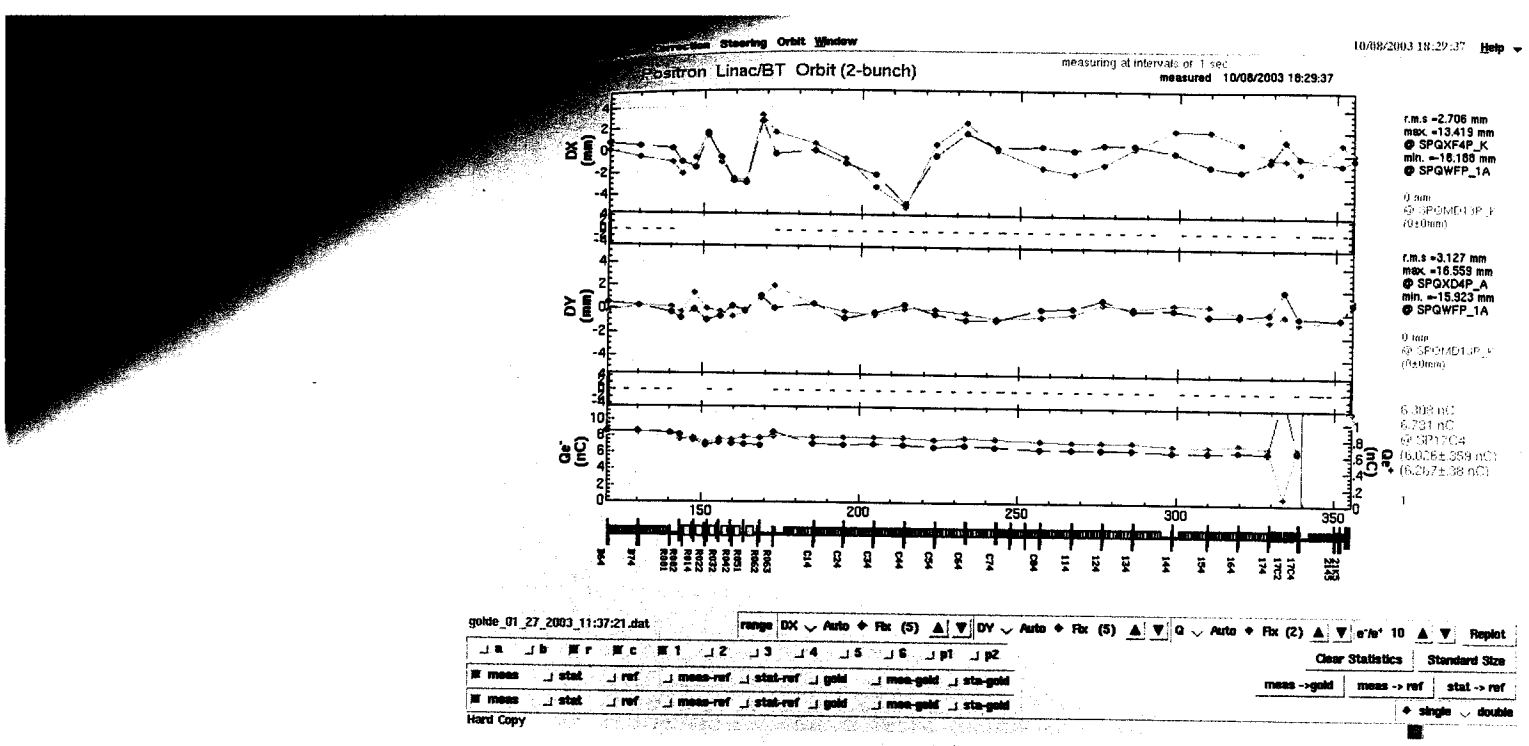
Function = (b+(a x))

Function = (b+(a x))

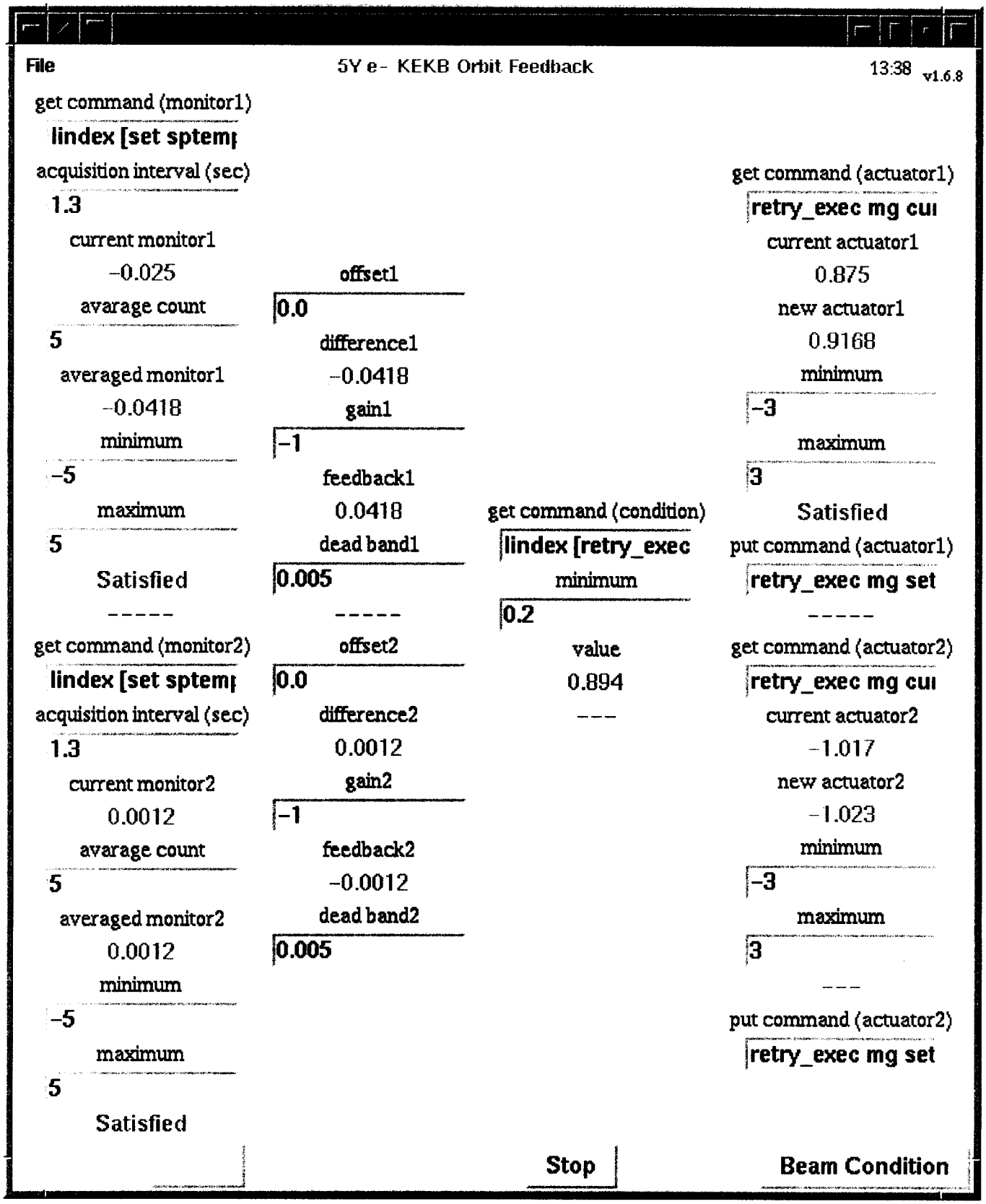
Energy at A1_B8 : 17.756969248425949 MeV




File Edit Measurement Correction Steering Orbit Window
10/08/2003 18:24:27 Help
Positron Linac/BT Orbit (2-bunch)
measuring at intervals of 1 sec
measured 10/08/2003 18:24:28
DX (mm)
DY (mm)
Qe- (nC)
Qe+ (nC)
r.m.s =2.695 mm
max. =13.419 mm
@ SPQXF4P_K
min. =-16.166 mm
@ SPQWFP_1A
0 mm
@ SPQMD13P_K
(0±0mm)
r.m.s =3.134 mm
max. =18.559 mm
@ SPQXD4P_A
min. =-15.923 mm
@ SPQWFP_1A
0 mm
@ SPQMD13P_K
(0±0mm)
5.773 nC
6.175 nC
@ GP17C4
(5.980± 485 nC)
(6.143± 485 nC)
0
100
200
300
400
500
golde_01_27_2003_11:37:21.dat
range DX Auto Fix (5) DY Auto Fix (5) Q Auto Fix (2) 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
Clear Statistics Standard Size
meas ->gold meas -> ref stat -> ref
Hard Copy
single double


Steering Orbit Window
10/08/2003 18:29:37 Help
Positron Linac/BT Orbit (2-bunch)
measuring at intervals of 1 sec
measured 10/08/2003 18:29:37
DX (mm)
DY (mm)
Qe+ (nC)
r.m.s =2.706 mm
max. =13.419 mm
@ SPQXF4P_K
min. =-16.166 mm
@ SPQWFP_1A
r.m.s =3.127 mm
max. =16.559 mm
@ SPQXD4P_A
min. =-15.923 mm
@ SPQWFP_1A
6.731 nC
(6.036±.359 nC)
(6.2b7±.38 nC)
150
200
250
300
350

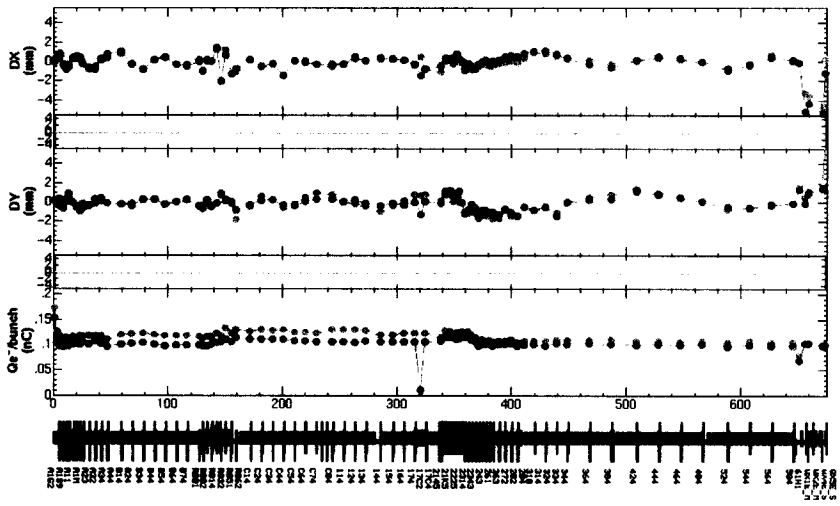
golde_01_27_2003_11:37:21.dat
range DX Auto Fix (5) DY Auto Fix (5) Q Auto Fix (2) e'/e' 10 Replot
a b r c 1 2 3 4 5 6 p1 p2
Clear Statistics Standard Size
meas stat ref meas-ref stat-ref gold meas-gold sta-gold
meas -> gold meas -> ref stat -> ref
meas stat ref meas-ref stat-ref gold meas-gold sta-gold
single double
Hard Copy


File
5Y e- KEKB Orbit Feedback
13:38
v1.6.8
get command (monitor1)
lindex [set sptem
acquisition interval (sec)
1.3
current monitor1
-0.025
avarage count
5
averaged monitor1
-0.0418
minimum
-5
maximum
5
Satisfied
---
get command (monitor2)
lindex [set sptem
acquisition interval (sec)
1.3
current monitor2
0.0012
avarage count
5
averaged monitor2
0.0012
minimum
-5
maximum
5
Satisfied
offset1
0.0
difference1
-0.0418
gain1
-1
feedback1
0.0418
dead band1
0.005
---
offset2
0.0
difference2
0.0012
gain2
-1
feedback2
-0.0012
dead band2
0.005
get command (condition)
lindex [retry_exec
minimum
0.2
value
0.894
---
get command (actuator1)
retry_exec mg cur
current actuator1
0.875
new actuator1
0.9168
minimum
-3
maximum
3
Satisfied
put command (actuator1)
retry_exec mg set
---
get command (actuator2)
retry_exec mg cur
current actuator2
-1.017
new actuator2
-1.023
minimum
-3
maximum
3
---
put command (actuator2)
retry_exec mg set
Stop
Beam Condition

File Edit Measurement Correction Steering Orbit Window Help

Electron Linac/BT Orbit

measured 12/17/2002 21:25:18



r.m.s =2.148 mm
max =12.485 mm
@ SPQXF3E_M
min. =-8.242 mm
@ SPQAF3E_S

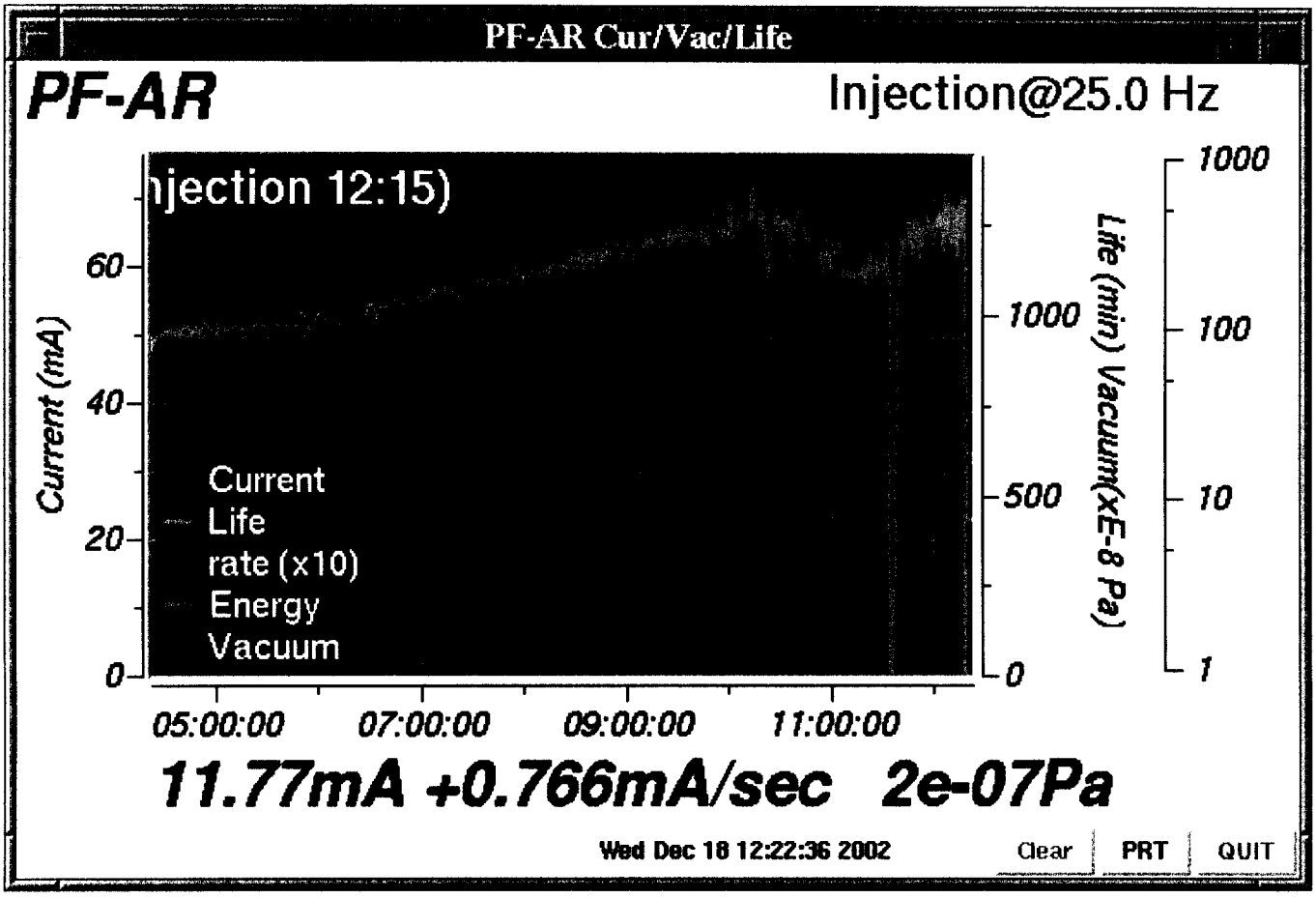
r.m.s =1.919 mm
max. =9.267 mm
@ SPQX5E_S
min. =-12.663 mm
@ SPQAF3E_S

range DX Auto + Fix (5) ▲ ▼ DY Auto + Fix (5) ▲ ▼ Q Auto + Fix (.2) ▲ ▼ e⁻/e⁺ 4 ▲ ▼ Replot

a b r c 1 2 3 4 5 6 o1 o2 Clear Statistics Standard Size

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

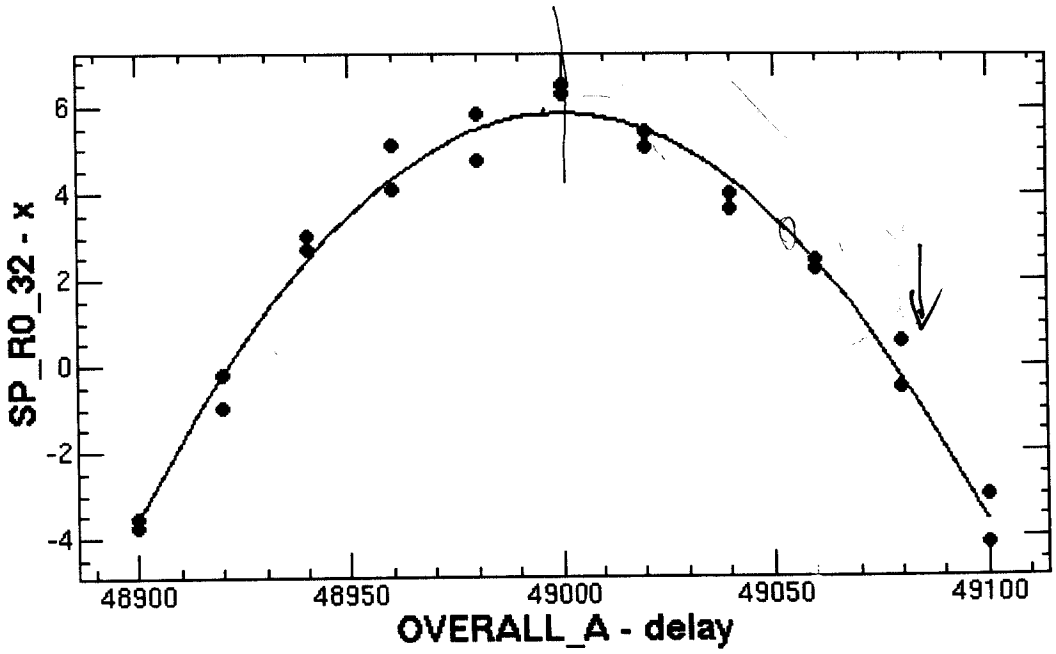
Hard Copy


PF-AR Cur/Vac/Life
PF-AR
Injection@25.0 Hz
njection 12:15)
Current (mA)
60
40
20
0
Current
Life
rate (x10)
Energy
Vacuum
1000
500
0
Life (min) Vacuum(xE-8 Pa)
1000
100
10
1
05:00:00
07:00:00
09:00:00
11:00:00
11.77mA +0.766mA/sec 2e-07Pa
Wed Dec 18 12:22:36 2002
Clear
PRT
QUIT

File Edit Window 09/08/2005 04:41:10 Help

ChiSquare = 5.02904 Goodness = .45684

a = -9.5E-4 +/- 3.10E-5 b = 48999.8 +/- .91154 c = 5.88638 +/- .16570

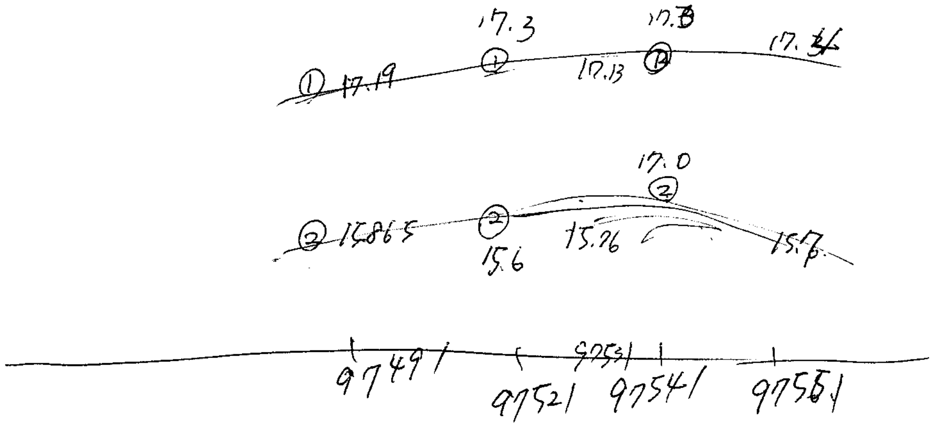


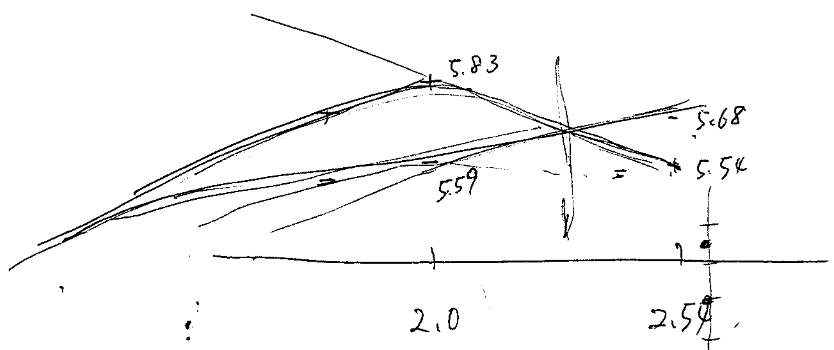
Function = (c+(a ((x+(-b))^2)))

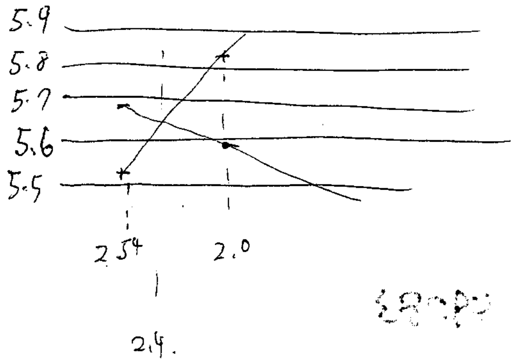
最佳值 49083

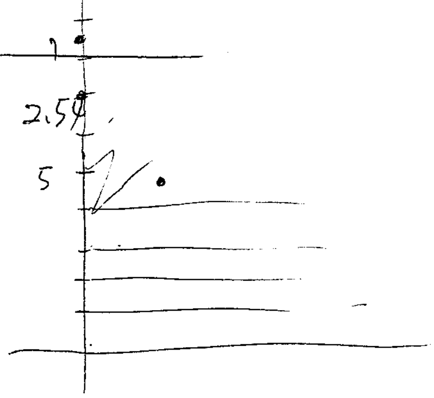
Menu Bar

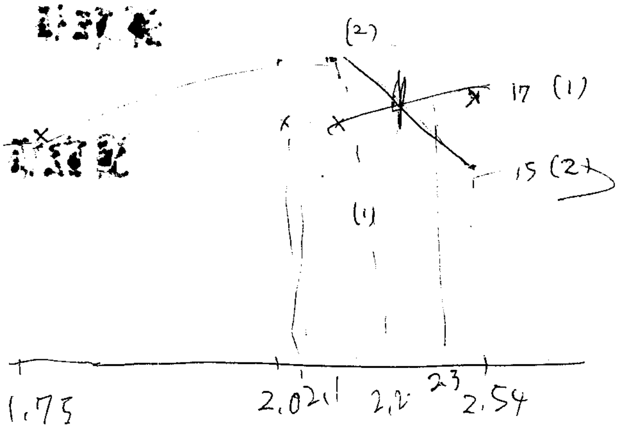
最佳值 49083


17.3
17.3
17.34
① 17.19
17.13
17.0
② 15865
15.76
15.6
15.7
97491
97521
97541
97561


5.83
5.68
5.54
5.59
2.0
2.54
- 1
+ 2


5.9
5.8
5.7
5.6
5.5
2.54
2.0
2.4.

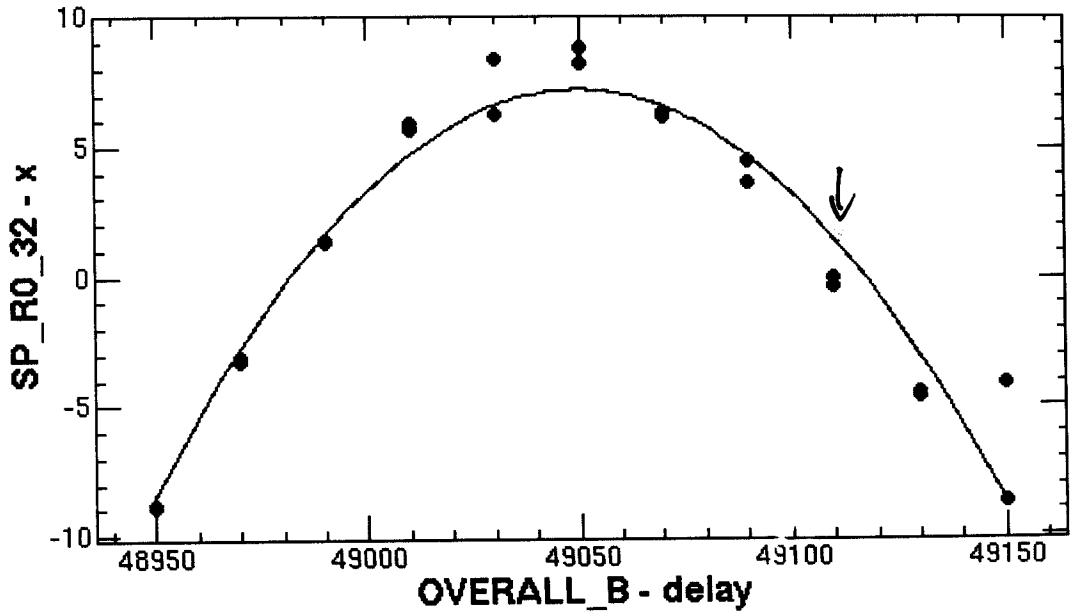

5


(2)
17 (1)
15 (2)
(1)
1.75
2.0
2.1
2.2
2.3
2.54

File Edit Window 09/08/2005 04:47:18 Help

ChiSquare = 43.0181 Goodness = .45684

a = -.00158 +/- 9.08E-5 b = 49049.6 +/- 1.60182 c = 7.26341 +/- .48461



Function = (c+(a ((x+(-b))^2)))

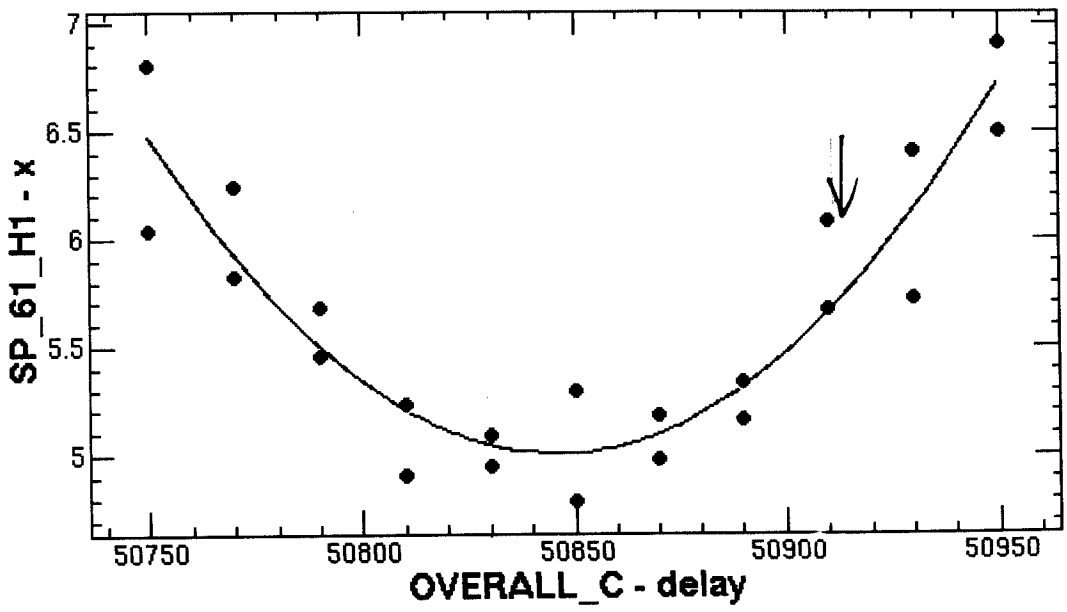
49112

Main Application Area

File Edit Window 09/08/2005 04:59:37 Help

ChiSquare = 1.23378 Goodness = .45684

a = 1.59E-4 +/- 1.54E-5 b = 50845.9 +/- 2.72279 c = 5.00871 +/- .08196



Function = (c+(a ((x+(-b))^2)))

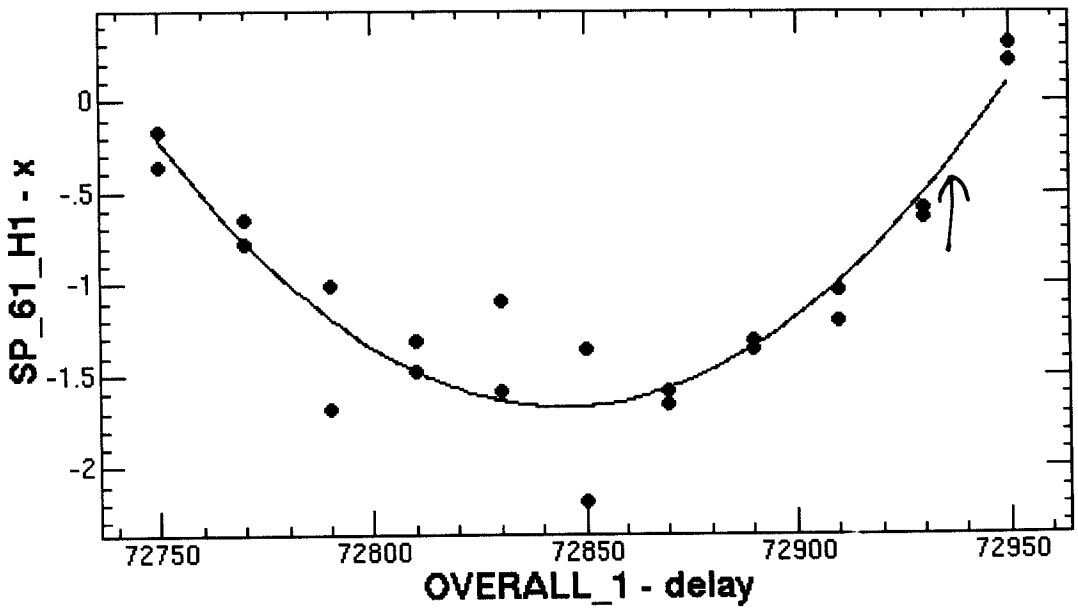
50914

Main Application Area

File Edit Window 09/08/2005 05:05:03 Help

ChiSquare = 1.15452 Goodness = .45684

a = 1.61E-4 +/- 1.49E-5 b = 72844.9 +/- 2.62170 c = -1.6705 +/- .07922



Function = (c+(a ((x+(-b))^2)))

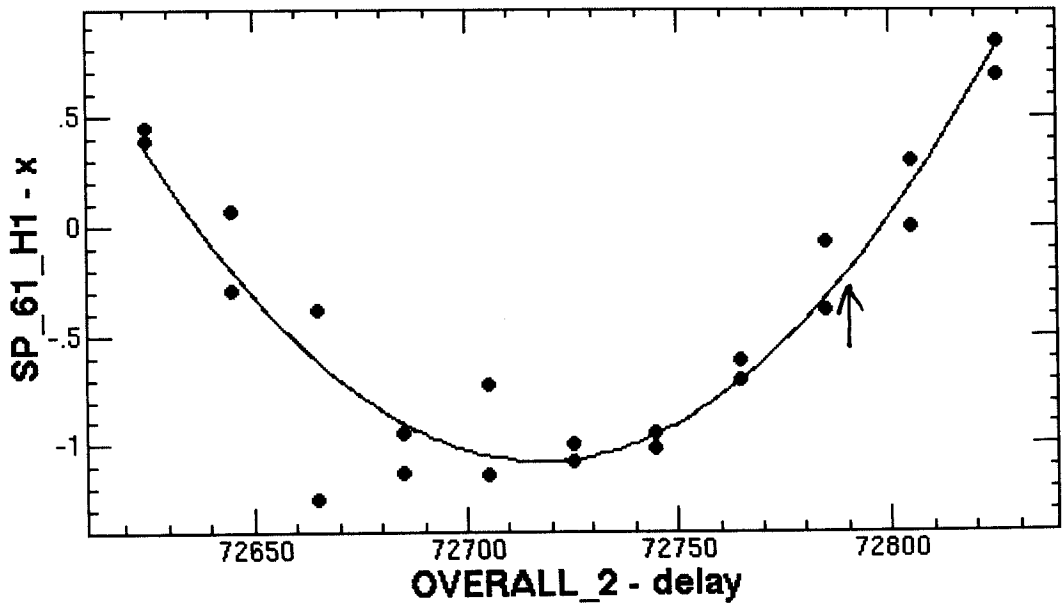
72934

Heart Beat (Tick Tock ....)

File Edit Window 09/08/2005 05:13:05 Help

ChiSquare = .87264 Goodness = .45684

a = 1.65E-4 +/- 1.29E-5 b = 72717.7 +/- 2.25700 c = -1.0764 +/- .06872



Function = (c+(a ((x+(-b))^2)))

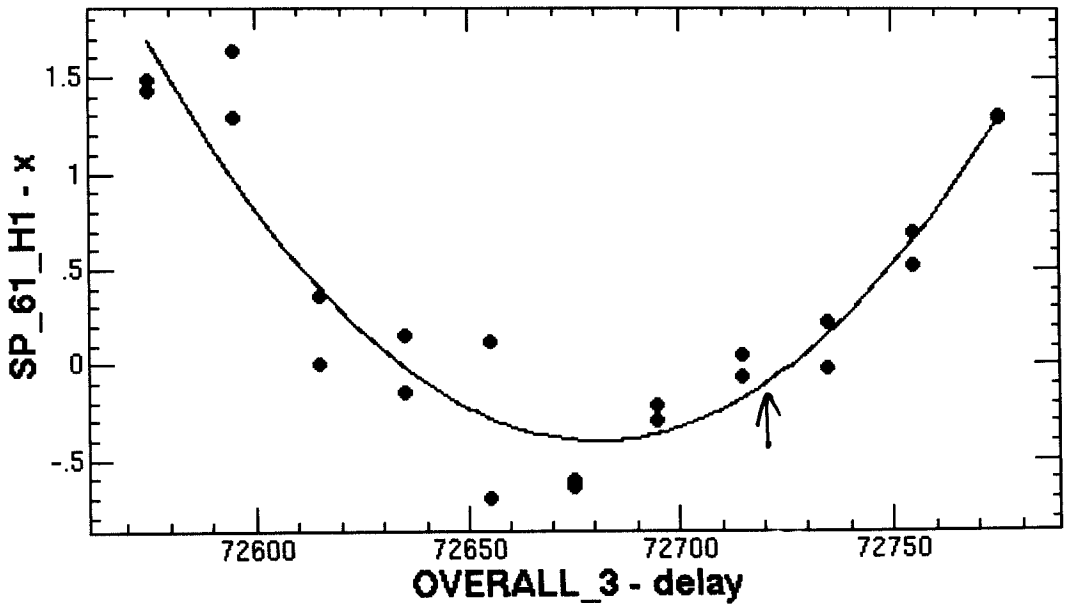
72789

Main Application Area

File Edit Window 09/08/2005 05:18:27 Help

ChiSquare = 1.44644 Goodness = .45684

a = 1.89E-4 +/- 1.67E-5 b = 72680.3 +/- 2.50934 c = -.40058 +/- .08865



Function = (c+(a ((x+(-b))^2)))

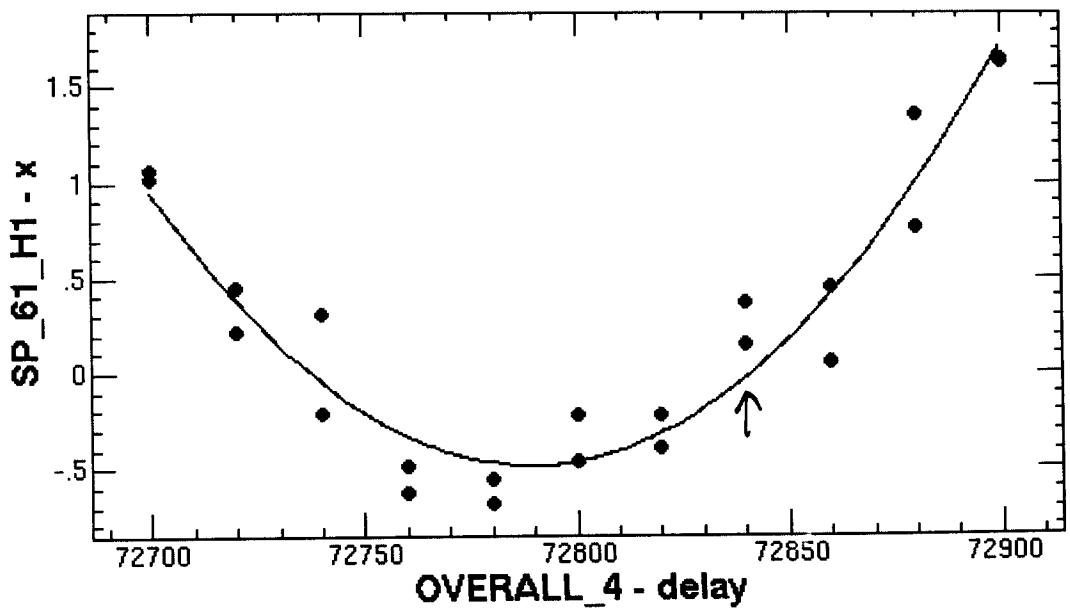
72721

Main Application Area

File Edit Window 09/08/2005 05:21:28 Help

ChiSquare = .94995 Goodness = .45684

a = 1.80E-4 +/- 1.35E-5 b = 72789.3 +/- 2.23789 c = -.48404 +/- .07133



Function = (c+(a ((x+(-b))^2)))

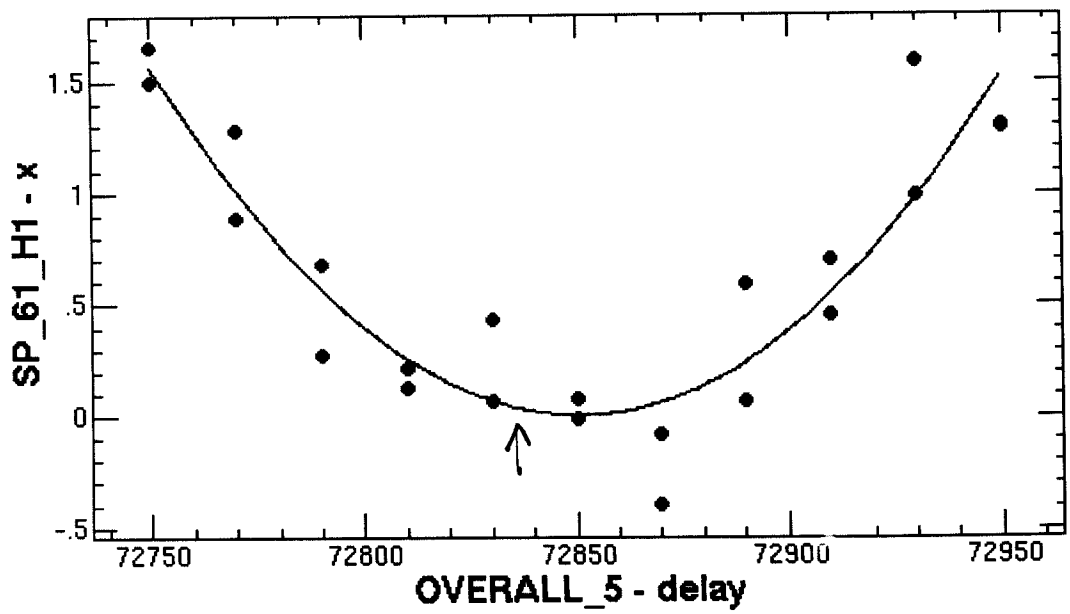
72840

Main Application Area

File Edit Window 09/08/2005 05:26:08 Help

ChiSquare = 1.25122 Goodness = .45684

a = 1.54E-4 +/- 1.55E-5 b = 72850.7 +/- 2.81085 c = .00840 +/- .08265



Function = (c+(a ((x+(-b))^2)))

72834

Main Application Area