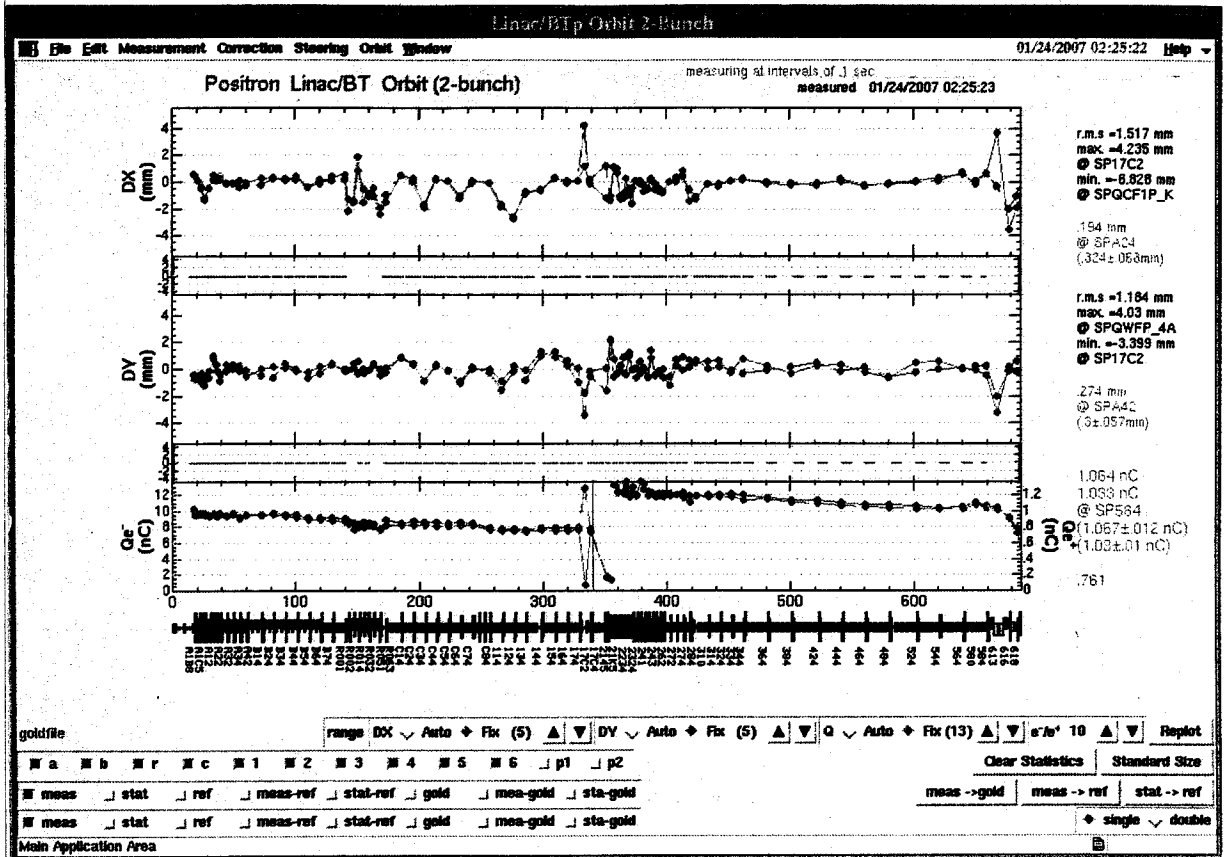
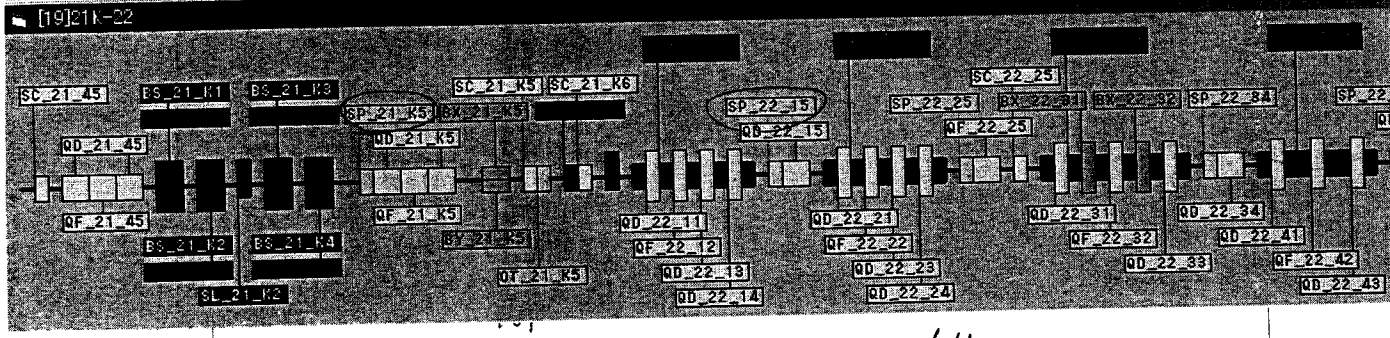
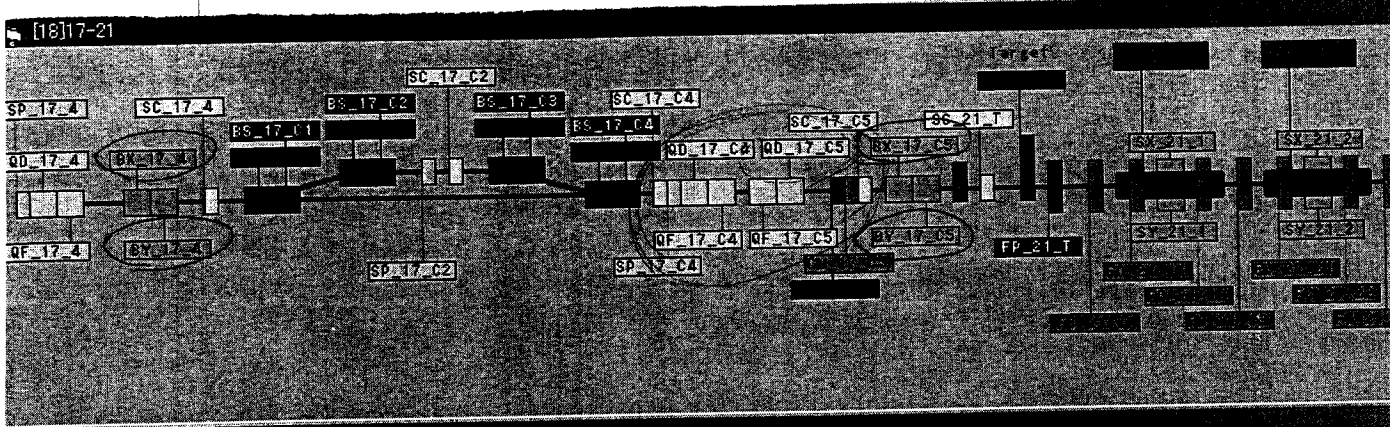


1/23 準夜

本邦終了後の Orbit 7"-7

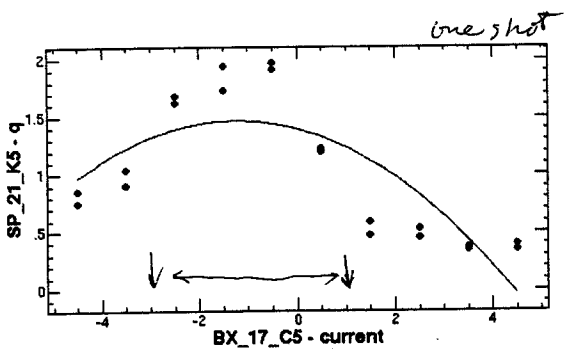


1/24 (水) 最終 2007. 12月 21日 報告
 10:22 e⁺ 束の 経路の 調整



調整の 状況
 (SP 1704 7.98mc 2007.12.21
 SP 2104 1.066mc
 5Hz
 BX-17-C5 \bar{z} - 1.353A
 e⁺ ARC spread ~ 12.5 cm's'n
 10:32 BX-17-C5 vs SP-21-K5 の Scan

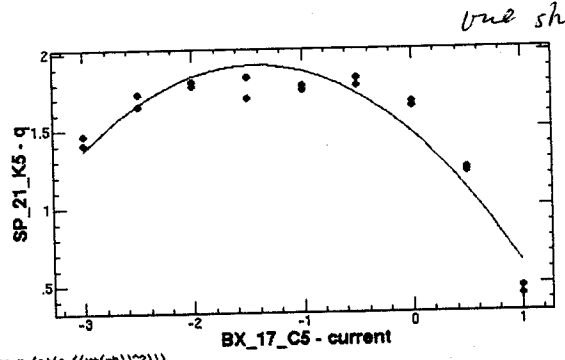
File Edit Window 01/24/2007 10:37:14 Help
 ChiSquare = 2.46617 Goodness = .45437
 a = -.04593 +/- .01172 b = -1.2313 +/- .45952 c = 1.46478 +/- .12172



Function = (a*(a*((x-(b))^2)))

Hard Copy

File Edit Window 01/24/2007 10:39:10 Help
 ChiSquare = .28955 Goodness = .45142
 a = -.21830 +/- .02204 b = -1.4256 +/- .07153 c = 1.91665 +/- .04716

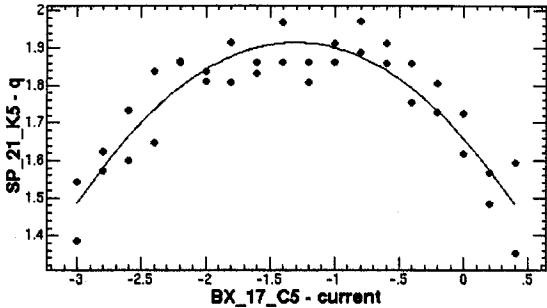


Function = (a*(a*((x-(b))^2)))

Hard Copy

$(0 = \varphi 2)$ $2 \times 3 \times 3$ $max 2A$ Averaging 5 times

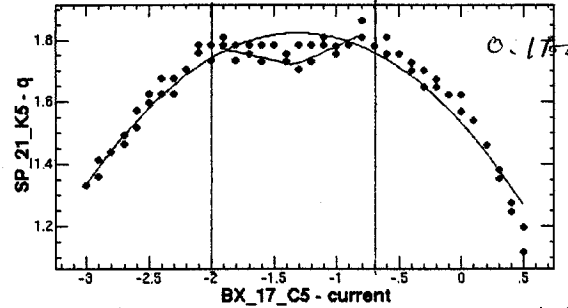
File Edit Window 01/24/2007 10:42:22 Help
 Square = .15644 Goodness = .46725
 a = -1.14941 +/- .01197 b = -1.3061 +/- .03701 c = 1.91473 +/- .01726



Function = (a*((x-b)**2))

Copy

File Edit Window 01/24/2007 10:47:39 Help
 ChiSquare = .16503 Goodness = .47736
 a = -1.17020 +/- .00598 b = -1.3069 +/- .01642 c = 1.82312 +/- .00864

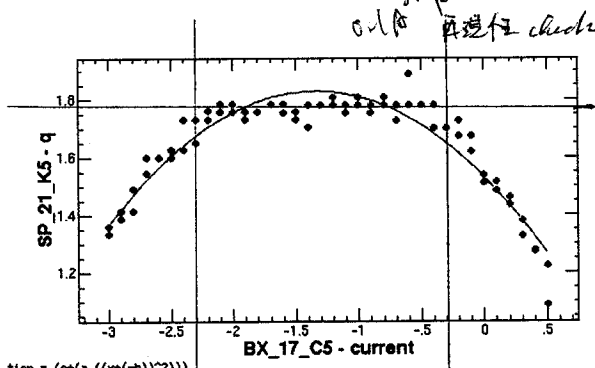


Function = (a*((x-b)**2))

Hard Copy

$2 = 30$ $2 \times 3 \times 3$ 12 off 12 $!!$ ($5 \times 16 = 80$ $2 \times 3 \times 3 = 27$ off $10^3 \times 9$)
 e/et beam FO ON $2 \times 3 \times 3$ ($5 \times 16 = 80$ $8 \times 17 = 136$ on on on on)
 kbp of 23/606 . all ($2 \times 3 \times 3$ on on on on)

File Edit Window 01/24/2007 10:53:53 Help
 Square = .21907 Goodness = .47736
 a = -1.16716 +/- .00689 b = -1.3369 +/- .01945 c = 1.82943 +/- .00994



Function = (a*((x-b)**2))

Application Area

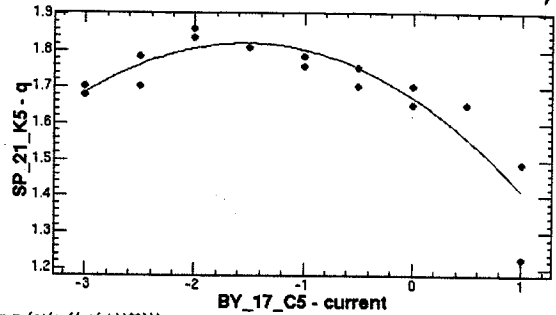
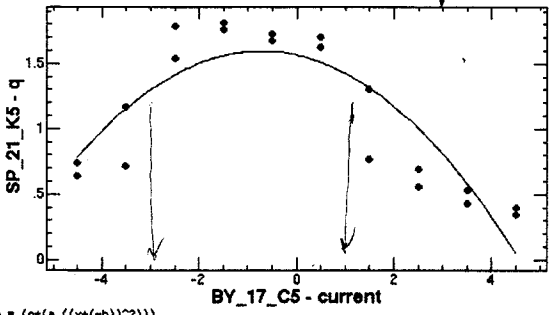
BY-17-C5 vs SP 21-K5 scan
 BX-17-C5 is 1.353 ft.

01/24/2007 11:00:30
 ChiSquare = 1.37432 Goodness = .45437
 a = -.05676 +/- .00875 b = -.72392 +/- .22468 c = 1.59513 +/- .09417

01/24/2007 11:04:27
 ChiSquare = .07312 Goodness = .45142
 a = -.06338 +/- .01125 b = -1.5328 +/- .13806 c = 1.82130 +/- .02364

y-scan Ave5

0.5 A step



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

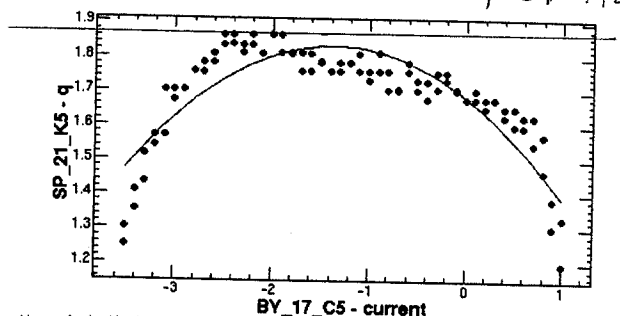
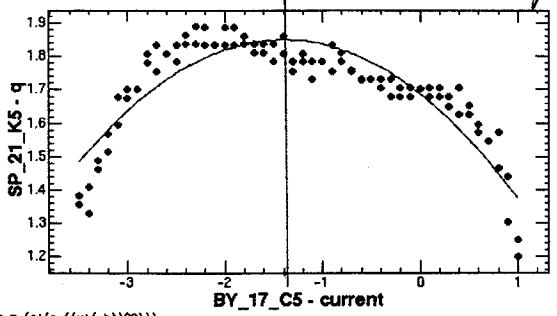
Function = (c+(a*((x-(b))^2)))
 Hard Copy

01/24/2007 11:11:17
 ChiSquare = .44050 Goodness = .48006
 a = -.09276 +/- .00466 b = -1.4007 +/- .03444 c = 1.84975 +/- .01096

01/24/2007 11:16:41
 ChiSquare = .50625 Goodness = .48006
 a = -.07947 +/- .00499 b = -1.3735 +/- .03855 c = 1.83058 +/- .01177

0.1 A step

0.1 A step



Function = (c+(a*((x-(b))^2)))
 Main Application Area

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

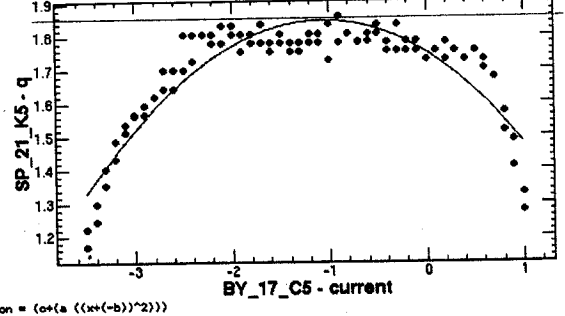
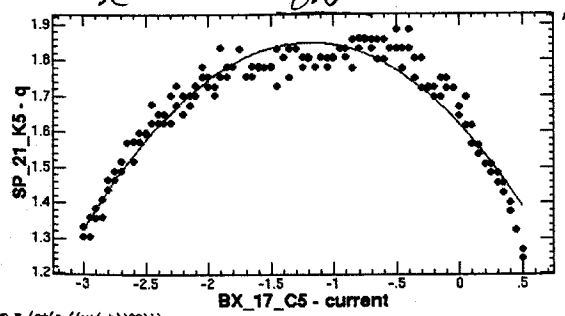
11:18 3722 on 63x-7 load.

01/24/2007 11:42:25
 ChiSquare = .32817 Goodness = .48405
 a = -.15996 +/- .00434 b = -1.1956 +/- .01253 c = 1.84828 +/- .00611

01/24/2007 11:26:46
 ChiSquare = .41512 Goodness = .48006
 a = -.08651 +/- .00452 b = -1.0610 +/- .03253 c = 1.84640 +/- .01061

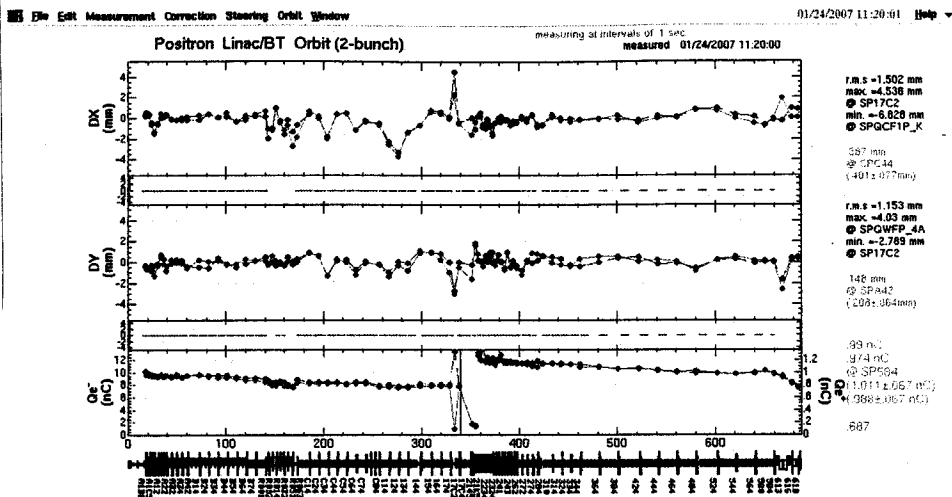
x-scan ON 0.05 A step

0.1 A step y-scan

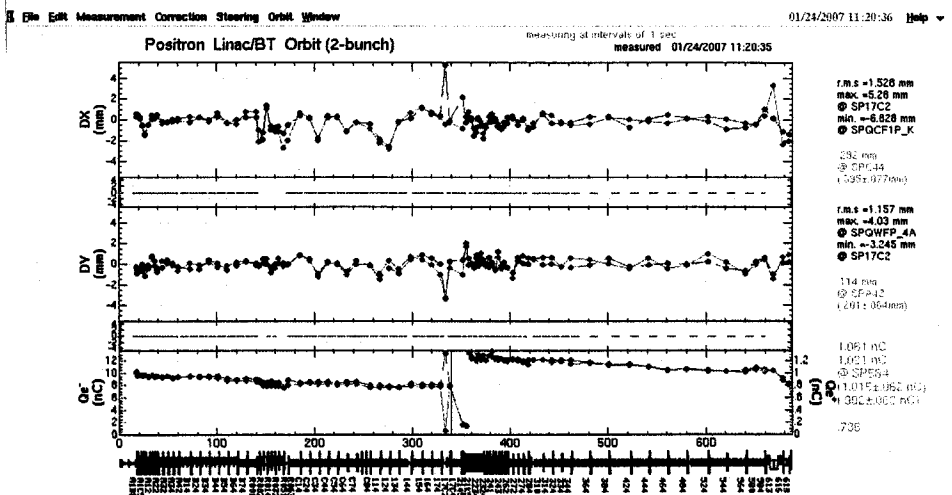


Function = (c+(a*((x-(b))^2)))
 Hard Copy

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



2752 ON



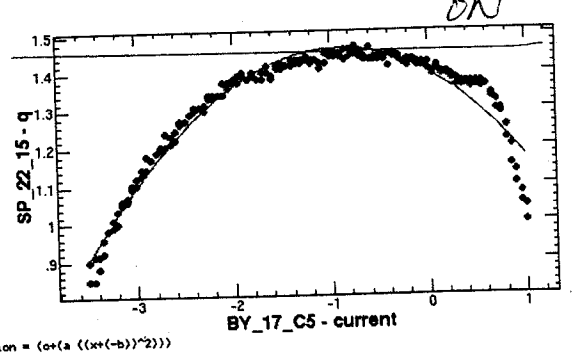
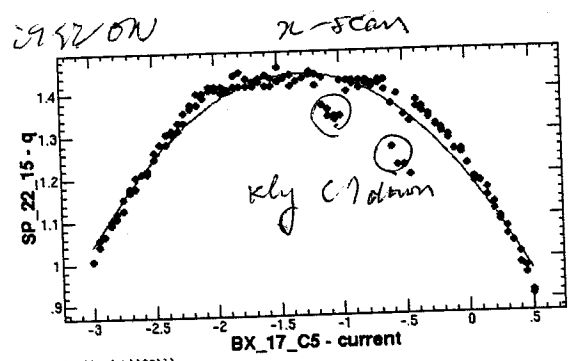
2752 OFF

SP22-15 vs BX(B7) 17-05

52

File Edit Window 01/24/2007 11:51:31 Help

ChiSquare = .22908 Goodness = .48594
 a = -.08222 +/- .00172 b = -.89173 +/- .01438 c = 1.46378 +/- .00388



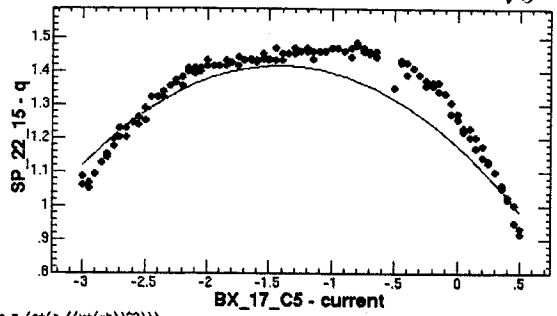
Hard Copy

Hard Copy

2742 off

File Edit Window 01/24/2007 12:15:43 Help
 ChiSquare = 7.31425 Goodness = .48405
 a = -.11816 +/- .02050 b = -1.4196 +/- .08478 c = 1.41557 +/- .02862

off

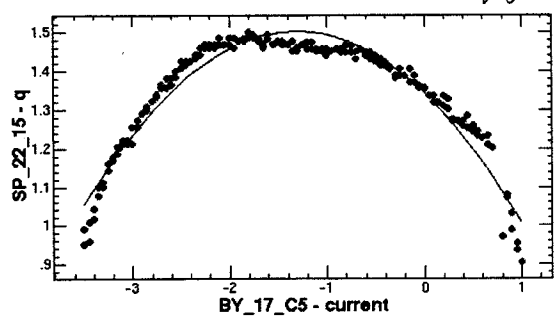


Function = (a+(a*((x+(-b))^2)))

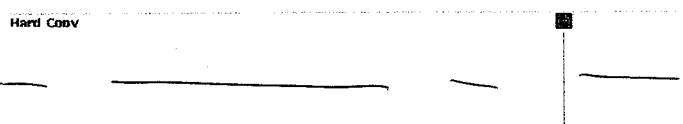


File Edit Window 01/24/2007 12:08:12 Help
 ChiSquare = .24765 Goodness = .48578
 a = -.09336 +/- .00186 b = -1.3071 +/- .01169 c = 1.50321 +/- .00419

off

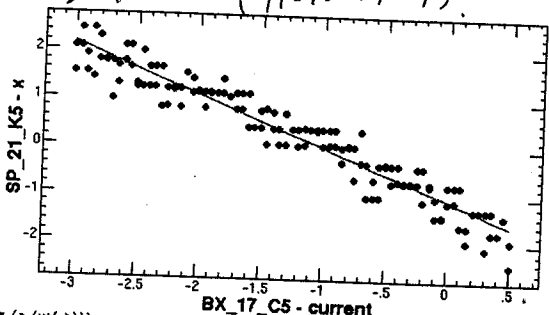


Function = (a+(a*((x+(-b))^2)))



File Edit Window 01/24/2007 12:19:49 Help
 ChiSquare = 14.2398 Goodness = .48410
 a = -1.0790 +/- .02612 b = -.99786 +/- .02491

2742 ON (11262 07-9)

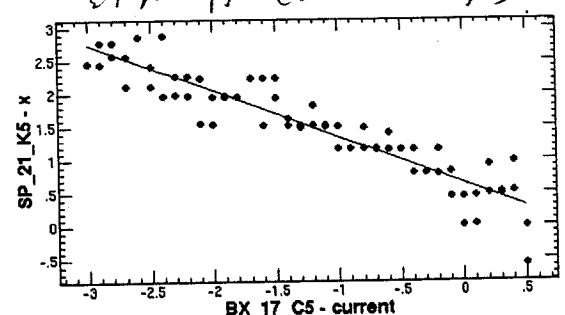


Function = (a*(x+(-b)))



File Edit Window 01/24/2007 12:21:33 He
 ChiSquare = 5.95250 Goodness = .47752
 a = -.70222 +/- .03308 b = .92185 +/- .11441

2742 off (10253 07-9)



Function = (a*(x+(-b)))

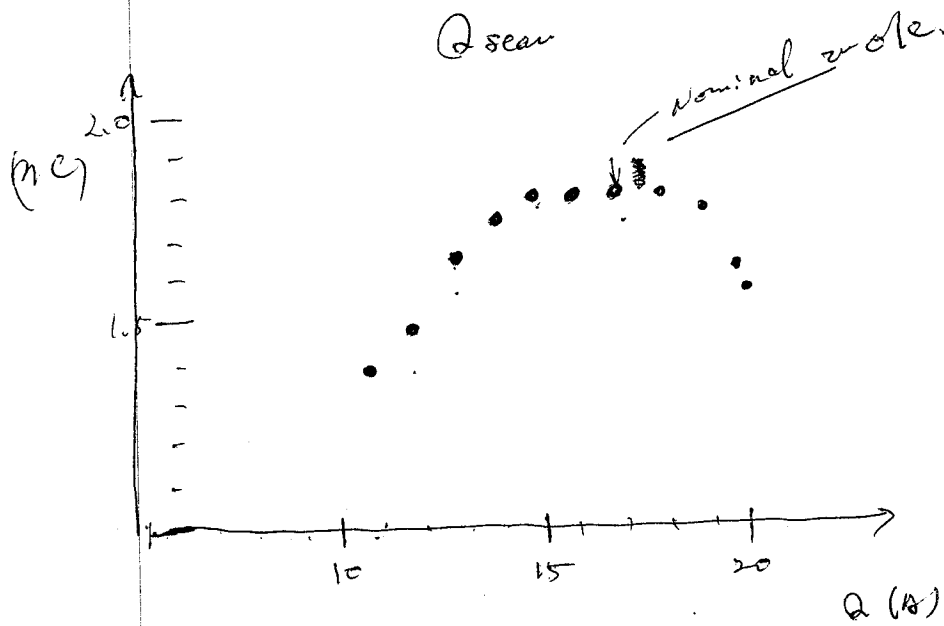


20070308 2742 ON 2130

12:35

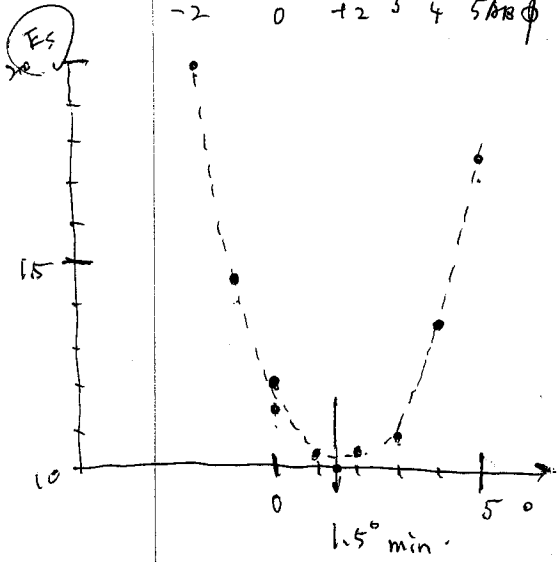
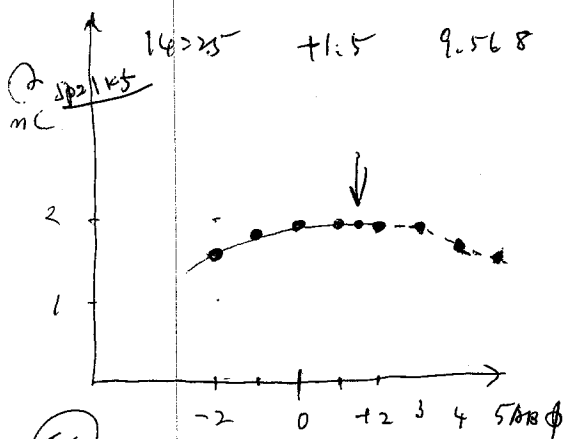
Q scan Multiple ratio (Max - Min) GD, QF-17-C4/15 Max 20A

QF-17-C4/15	SP-21-K5
10.964	1.44 1.38
11.962	1.48
12.962	1.67
13.962	1.75
14.962	1.80
15.962	1.80
16.962 / 17.700	1.82
17.962	1.80
18.962	1.78
19.962	1.63
20.000 (Max.)	1.58

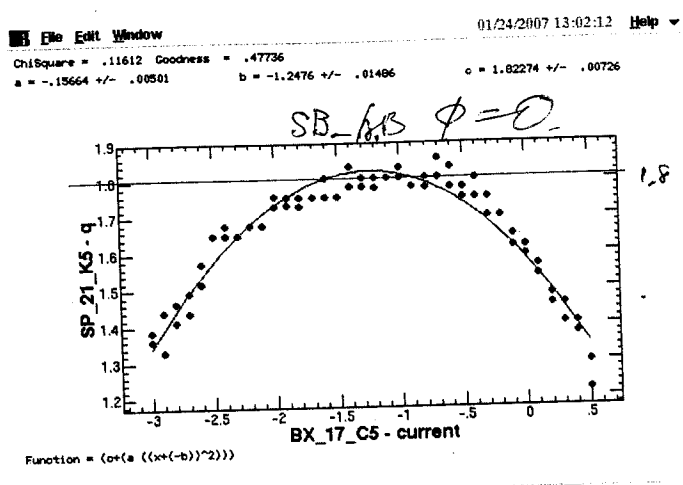


12
2:58

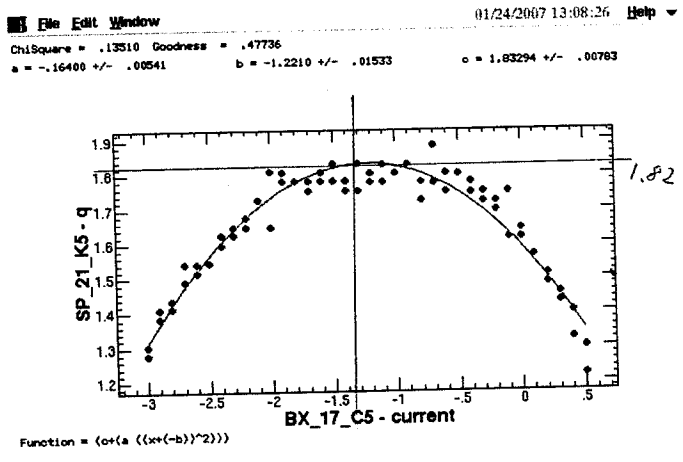
Time	AB ϕ (Ref 86.5°)	Arc Spread
13:00	0	12.156
13:07	+1	10.41
13:12	+2	10.46
13:26	-1	14.83
13:33	-2	19.93
13:46	0	11.40
14:02	+3	10.861
14:12	+4	13.6636
14:17	+5	17.67



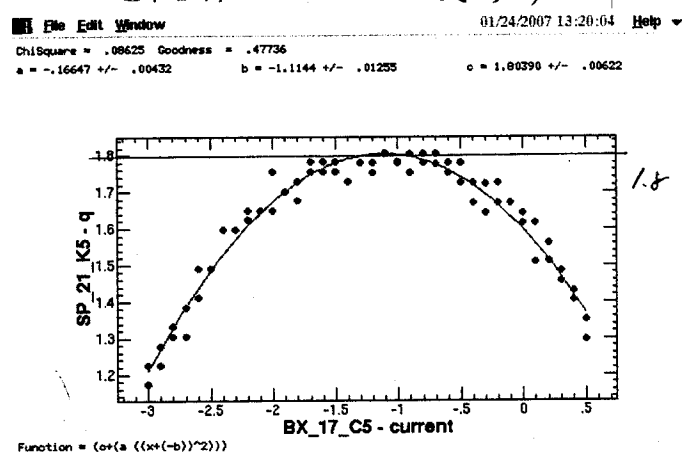
AB $\phi = 0$ (86.5(A), 86.5(B))



SB-A.B = +1 (87.5°)



SB-A.B = +2 (88.5°)

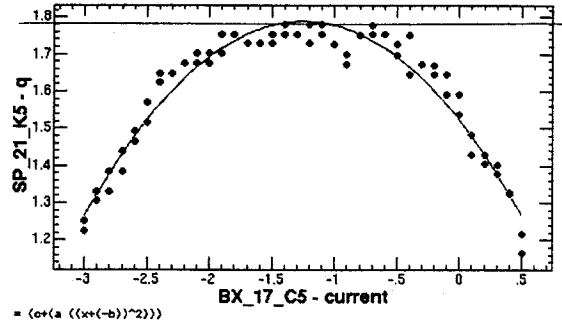
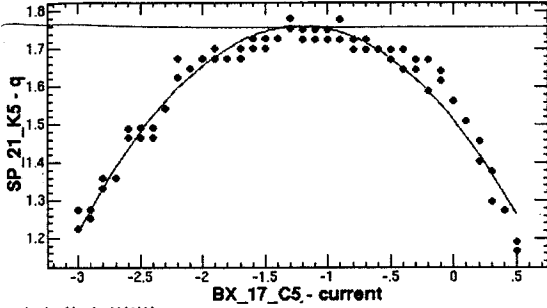


Hard Copy

SB-A.B $\phi - 1^\circ$ (85.5°)

01/24/2007 14:13:55
 ChiSquare = .10202 Goodness = .47736
 a = -.17005 +/- .00470 b = -1.2134 +/- .01287 c = 1.76127 +/- .00690

01/24/2007 13:27:36
 Goodness = .47736
 a = -.11818 +/- .00506 b = -1.2500 +/- .01363 c = 1.78812 +/- .00732

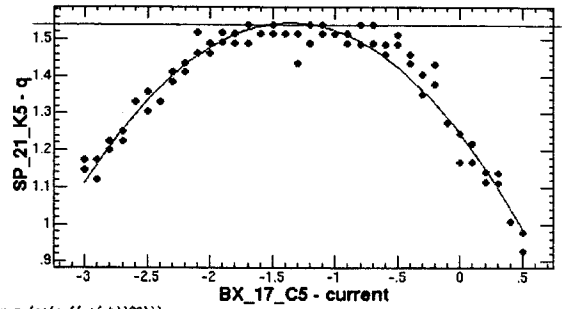
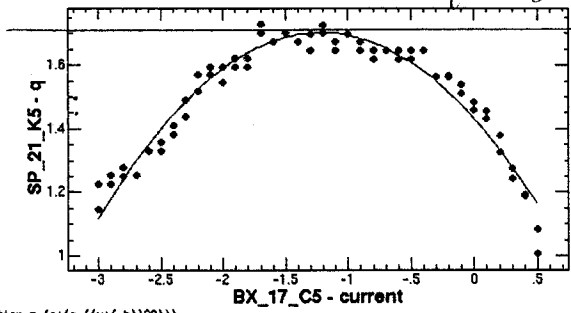


Main Application Area

01/24/2007 14:28:55
 ChiSquare = .13565 Goodness = .47736
 a = -.16315 +/- .00542 b = -1.2160 +/- .01377 c = 1.70199 +/- .00784

SB-A.B $\phi - 2^\circ$ (84.5°)

01/24/2007 13:34:54
 ChiSquare = .10058 Goodness = .47736
 a = -.16119 +/- .00467 b = -1.3594 +/- .01380 c = 1.54410 +/- .00673

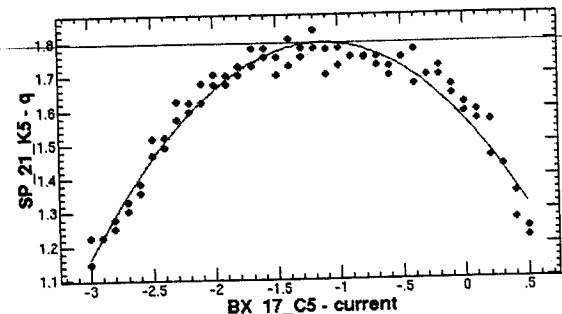
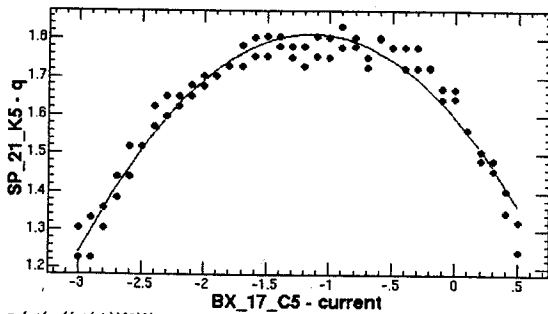


Hard Copy

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01/24/2007 14:32:16
 ChiSquare = .11435 Goodness = .47736
 a = -.16597 +/- .00498 b = -1.1474 +/- .01425 c = 1.81266 +/- .00718

01/24/2007 14:06:58
 ChiSquare = .13176 Goodness = .47736
 a = -.18090 +/- .00534 b = -1.1303 +/- .01414 c = 1.79619 +/- .00770



Hard Copy

Hard Copy

