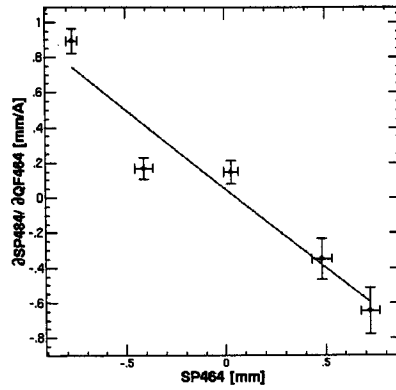


File Edit Window

11/26/2003 15:12:42 Help



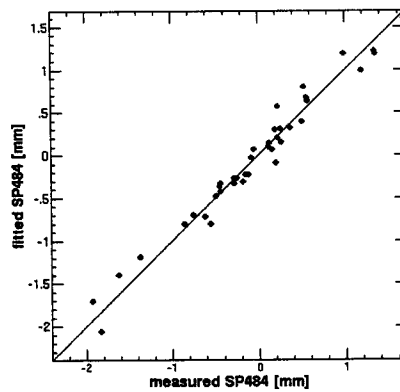
Condition  
 BPM to be Calibrated :  
 SP464  
 Direction :  
 Horizontal Vertical  
 Used Components :  
 BPM : SP464  
 Steering : (('SX453',1))  
 from -2  
 to 2  
 number 5  
 Q magnet: QF464  
 from -1  
 to 1  
 number 8  
 next remem. save  
 GO READ  
 Display  
 BPM : Steering step :  
 SP464 RT  
 Result  
 When the beam is at the Q center :  
 BPM reading [mm]: .12516  
 error [mm]: .00542  
 Last BPM taken into account :  
 SP584  
 rel. curr. thresh. : .7  
 RT Ok! Save

Hard Copy

File Edit Window

11/26/2003 15:13:09 Help

residual = .151 mm

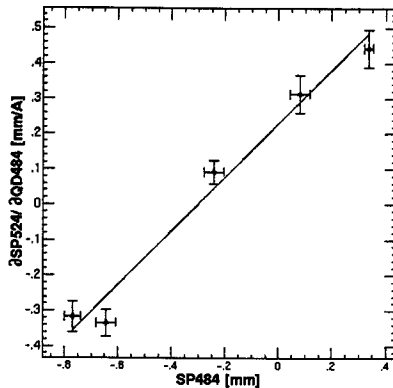


Condition  
 BPM to be Calibrated :  
 SP464  
 Direction :  
 Horizontal Vertical  
 Used Components :  
 BPM : SP464  
 Steering : (('SX453',1))  
 from -2  
 to 2  
 number 5  
 Q magnet: QF464  
 from -1  
 to 1  
 number 8  
 next remem. save  
 GO READ  
 Display  
 BPM : Steering step :  
 SP464 RT  
 Result  
 When the beam is at the Q center :  
 BPM reading [mm]: .12516  
 error [mm]: .00542  
 Last BPM taken into account :  
 SP584  
 rel. curr. thresh. : .7  
 RT Ok! Save

Hard Copy

SP484	0.089	0.013	( 0.151)
SP524	0.114	0.008	( 0.124)
SP544	0.135	0.012	( 0.082)
SP564	0.215	0.022	( 0.111)
SP584	0.178	0.019	( 0.354)

File Edit Window



Hard Copy

11/30/2003 19:25:12 Help

Condition  
 BPM to be Calibrated :  
 SP484

Direction :  
 Horizontal Vertical

Used Components :  
 BPM : SP484  
 Steering : (('SX473',1))  
 from -3  
 to 0  
 number 5  
 Q magnet: QD484  
 from -1  
 to 1  
 number 5

next remem. save

GO READ

Display  
 BPM : Steering step :  
 SP524 R1

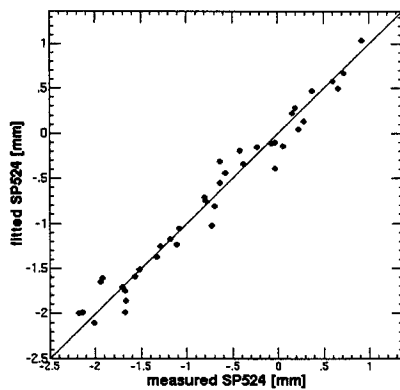
Result  
 When the beam is at the Q center :  
 BPM reading [mm]: -24478  
 error [mm]: .01472

Last BPM taken into account :  
 SP584  
 rel. curr. thresh. : .7

Rt Chk I Save

File Edit Window

residual = .170 mm



Hard Copy

11/30/2003 19:25:27 Help

Condition  
 BPM to be Calibrated :  
 SP484

Direction :  
 Horizontal Vertical

Used Components :  
 BPM : SP484  
 Steering : (('SX473',1))  
 from -3  
 to 0  
 number 5  
 Q magnet: QD484  
 from -1  
 to 1  
 number 5

next remem. save

GO READ

Display  
 BPM : Steering step :  
 SP524 R10

Result  
 When the beam is at the Q center :  
 BPM reading [mm]: -24478  
 error [mm]: .01472

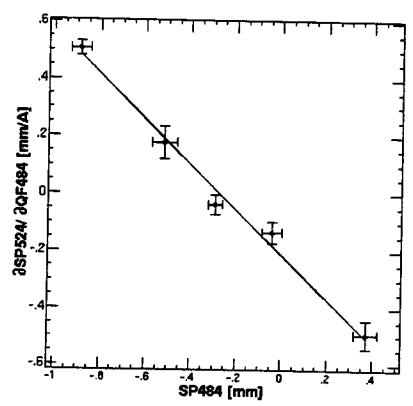
Last BPM taken into account :  
 SP584  
 rel. curr. thresh. : .7

Rt Chk I Save

SP524	-0.220	0.025	( 0.170)
SP544	-0.234	0.025	( 0.173)
SP564	-0.312	0.031	( 0.087)
SP584	-0.211	0.046	( 0.115)

File Edit Window

11/20/2003 19:21:29 Help



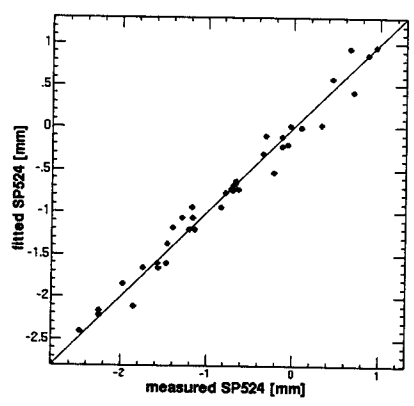
Condition  
 BPM to be Calibrated :  
 SP484  
 Direction :  
 Horizontal Vertical  
 Used Components :  
 BPM : SP484  
 Steering : {{("SX473",1)}  
 from -3  
 to 0  
 number 5  
 Q magnet: QF484  
 from -1  
 to 1  
 number   
 next remem. save  
 GO READ  
 Display  
 BPM : Steering step :  
 SP524 R1  
 Result  
 When the beam is at the Q center :  
 BPM reading [mm]: -.32916  
 error [mm]: .01379  
 Last BPM taken into account :  
 SP584  
 rel. curr. thresh. : .7  
 Rt Chk I Save

Hard Copy

File Edit Window

11/20/2003 19:22:45 Help

residual = .150 mm

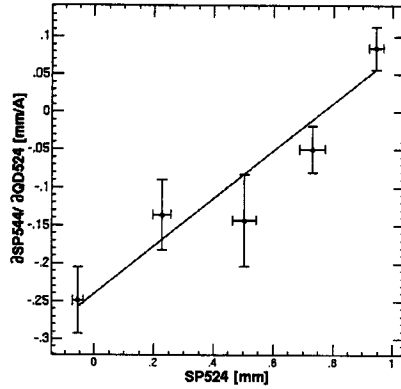


Condition  
 BPM to be Calibrated :  
 SP484  
 Direction :  
 Horizontal Vertical  
 Used Components :  
 BPM : SP484  
 Steering : {{("SX473",1)}  
 from -3  
 to 0  
 number 5  
 Q magnet: QF484  
 from -1  
 to 1  
 number   
 next remem. save  
 GO READ  
 Display  
 BPM : Steering step :  
 SP524 R10  
 Result  
 When the beam is at the Q center :  
 BPM reading [mm]: -.32916  
 error [mm]: .01379  
 Last BPM taken into account :  
 SP584  
 rel. curr. thresh. : .7  
 Rt Chk I Save

Hard Copy

SP524	-0.308	0.025	( 0.150)
SP544	-0.342	0.023	( 0.149)
SP564	-0.347	0.026	( 0.078)
SP584	-0.270	0.061	( 0.122)

File Edit Window



Hard Copy

11/30/2003 19:43:02 Help

Condition  
BPM to be Calibrated :  
SP524

Direction :  
Horizontal Vertical

Used Components :  
BPM : SP524  
Steering : (('SX513',1))  
from -1  
to 1  
number 5  
Q magnet: QD524  
from -1  
to 1  
number 8  
next remem. save

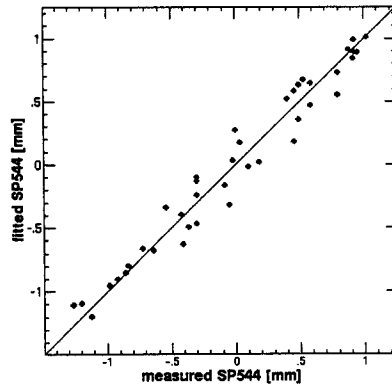
GO READ

Display  
BPM : Steering step :  
SP544 Fit

Result  
When the beam is at the Q center :  
BPM reading [mm]: .73518  
error [mm]: .06201  
Last BPM taken into account :  
SP584  
rel. curr. thresh. : 0  
Fit Chk I Save

File Edit Window

residual = .145 mm



Hard Copy

11/30/2003 19:43:03 Help

Condition  
BPM to be Calibrated :  
SP524

Direction :  
Horizontal Vertical

Used Components :  
BPM : SP524  
Steering : (('SX513',1))  
from -1  
to 1  
number 5  
Q magnet: QD524  
from -1  
to 1  
number 8  
next remem. save

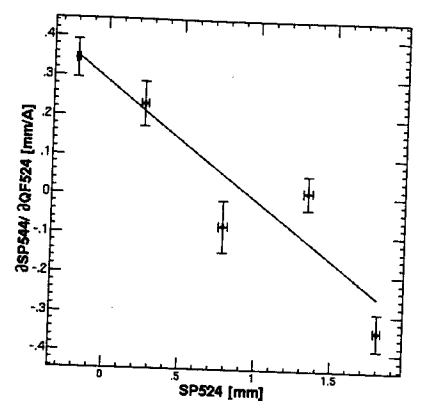
GO READ

Display  
BPM : Steering step :  
SP544 Fit

Result  
When the beam is at the Q center :  
BPM reading [mm]: .73518  
error [mm]: .06201  
Last BPM taken into account :  
SP584  
rel. curr. thresh. : 0  
Fit Chk I Save

SP544	0.625	0.116	( 0.145)
SP564	0.754	0.106	( 0.131)
SP584	0.802	0.101	( 0.200)

File Edit Window



Hard Copy

11/30/2002 22:29:48 Help

Condition  
BPM to be Calibrated :  
SP524

Direction :  
Horizontal Vertical

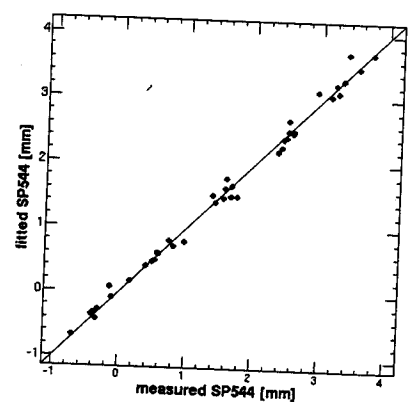
Used Components :  
BPM : SP524  
Steering : (('SX513',1))  
from 0  
to 4  
number 5  
Q magnet: QF524  
from -1  
to 1  
number 8  
next remem. save  
GO READ

Display  
BPM : Steering step :  
SP544 RT

Result  
When the beam is at the Q center :  
BPM reading [mm]: .9969  
error [mm]: .02242  
Last BPM taken into account :  
SP616  
rel. curr. thresh. : 0  
RT Chk I Save

File Edit Window

residual = .125 mm



Hard Copy

11/30/2002 22:30:22 Help

Condition  
BPM to be Calibrated :  
SP524

Direction :  
Horizontal Vertical

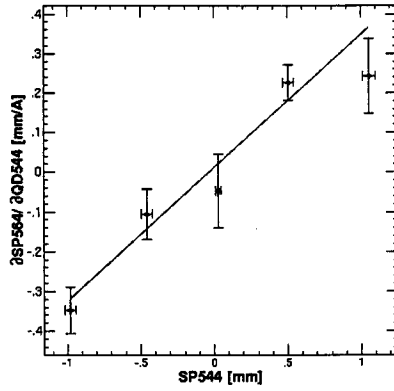
Used Components :  
BPM : SP524  
Steering : (('SX513',1))  
from 0  
to 4  
number 5  
Q magnet: QF524  
from -1  
to 1  
number 8  
next remem. save  
GO READ

Display  
BPM : Steering step :  
SP544 RT

Result  
When the beam is at the Q center :  
BPM reading [mm]: .9969  
error [mm]: .02242  
Last BPM taken into account :  
SP616  
rel. curr. thresh. : 0  
RT Chk I Save

SP544	0.975	0.059	( 0.125)
SP564	1.010	0.046	( 0.122)
SP584	0.997	0.028	( 0.155)
SP544	0.975	0.059	( 0.125)
SP564	1.010	0.046	( 0.122)
SP584	0.997	0.028	( 0.155)
SP616	-8.018	30.705	( 1.775)
SP618	1.836	1.865	( 0.994)

File Edit Window



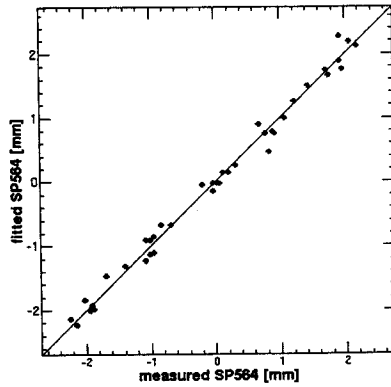
Hard Copy

12/01/2005 13:09:44 Help

Condition  
 BPM to be Calibrated :  
 SP544  
 Direction :  
 Horizontal Vertical  
 Used Components :  
 BPM : SP544  
 Steering : {{("SX539",1)}}  
 from   
 to 2  
 number 5  
 Q magnet: QD544  
 from -1  
 to 1  
 number 8  
 next remem. save  
 GO READ  
 Display  
 BPM : Steering step :  
 SP564 Rt  
 Result  
 When the beam is at the Q center :  
 BPM reading [mm]: .07591  
 error [mm]: .03726  
 Last BPM taken into account :  
 SP564  
 rel. curr. thresh. : 0  
 Fit Ok I Save

File Edit Window

residual = .147 mm



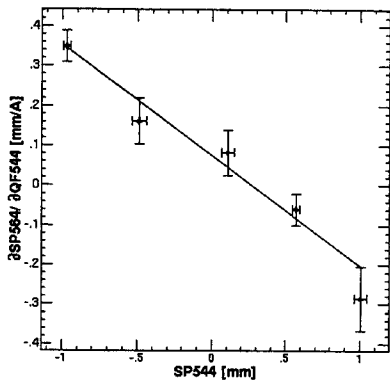
Hard Copy

12/01/2005 13:09:44 Help

Condition  
 BPM to be Calibrated :  
 SP544  
 Direction :  
 Horizontal Vertical  
 Used Components :  
 BPM : SP544  
 Steering : {{("SX539",1)}}  
 from   
 to 2  
 number 5  
 Q magnet: QD544  
 from -1  
 to 1  
 number 8  
 next remem. save  
 GO READ  
 Display  
 BPM : Steering step :  
 SP564 Rt0  
 Result  
 When the beam is at the Q center :  
 BPM reading [mm]: .07591  
 error [mm]: .03726  
 Last BPM taken into account :  
 SP564  
 rel. curr. thresh. : 0  
 Fit Ok I Save

File Edit Window

12/01/2002 13:14:04 Help



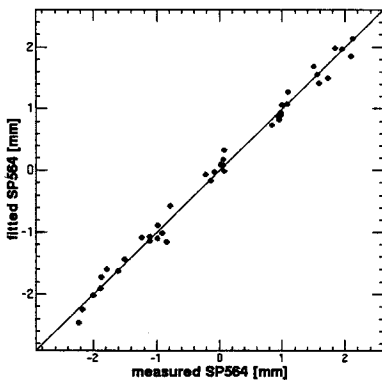
Hard Copy

Condition  
 BPM to be Calibrated :  
 SPS44  
 Direction :  
 Horizontal Vertical  
 Used Components :  
 BPM : SPS44  
 Steering : {("SX533",1)}  
 from -2  
 to 2  
 number 5  
 Q magnet: QF544  
 from -1  
 to 1  
 number 8  
 next remem. save  
 GO READ  
 Display  
 BPM : Steering step :  
 SPS64 RT  
 Result  
 When the beam is at the Q center :  
 BPM reading [mm]: .07912  
 error [mm]: .02029  
 Last BPM taken into account :  
 SPS64  
 rel. curr. thresh. : 0  
 Fit Chk I Save

File Edit Window

12/01/2002 13:13:47 Help

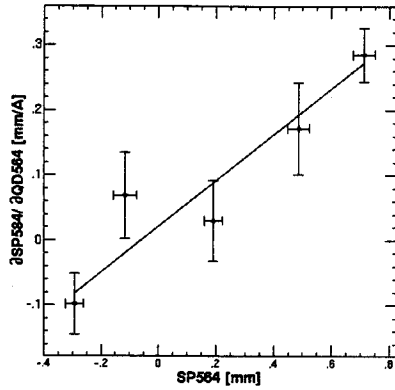
residual = .143 mm



Hard Copy

Condition  
 BPM to be Calibrated :  
 SPS44  
 Direction :  
 Horizontal Vertical  
 Used Components :  
 BPM : SPS44  
 Steering : {("SX533",1)}  
 from -2  
 to 2  
 number 5  
 Q magnet: QF544  
 from -1  
 to 1  
 number 8  
 next remem. save  
 GO READ  
 Display  
 BPM : Steering step :  
 SPS64 RT  
 Result  
 When the beam is at the Q center :  
 BPM reading [mm]: .07912  
 error [mm]: .02029  
 Last BPM taken into account :  
 SPS64  
 rel. curr. thresh. : 0  
 Fit Chk I Save

File Edit Window



Hard Copy

12/03/2003 12:27:30 Help

Condition  
BPM to be Calibrated :  
SP584

Direction :  
Horizontal Vertical

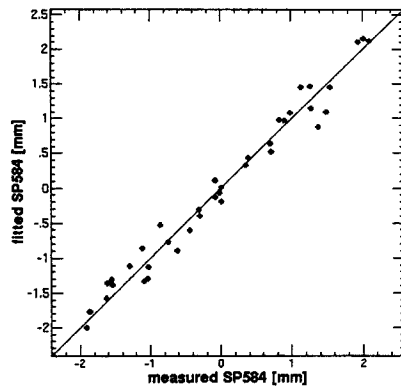
Used Components :  
BPM : SP584  
Steering : (('SX553',1))  
from : -1  
to : 1  
number : 5  
Q magnet: QD584  
from : -2  
to : 2  
number : 8  
next remem. save  
GO READ

Display  
BPM : Steering step :  
SP584 Fit

Result  
When the beam is at the Q center :  
BPM reading [mm]: .03836  
error [mm]: .01146  
Last BPM taken into account :  
SP584  
rel. curr. thresh. : .7  
Fit Chk I Save

File Edit Window

residual = .202 mm



Hard Copy

12/03/2003 12:27:30 Help

Condition  
BPM to be Calibrated :  
SP584

Direction :  
Horizontal Vertical

Used Components :  
BPM : SP584  
Steering : (('SX553',1))  
from : -1  
to : 1  
number : 5  
Q magnet: QD584  
from : -2  
to : 2  
number : 8  
next remem. save  
GO READ

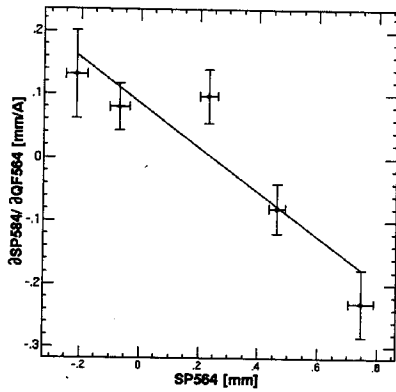
Display  
BPM : Steering step :  
SP584 Fit

Result  
When the beam is at the Q center :  
BPM reading [mm]: .03836  
error [mm]: .01146  
Last BPM taken into account :  
SP584  
rel. curr. thresh. : .7  
Fit Chk I Save

SP584 0.038 0.011 ( 0.202)



File Edit Window



Hard Copy

12.03.2002 13:43:07 Help

Condition  
 BPM to be Calibrated :  
 SP564

Direction :  
 Horizontal Vertical

Used Components :  
 BPM : SP564  
 Steering : (('SX553',1))  
 from -1  
 to 1  
 number 5  
 Q magnet: QF564  
 from -2  
 to 2  
 number 8  
 next remem. save  
 GO READ

Display  
 BPM : Steering step :  
 SP584 FR

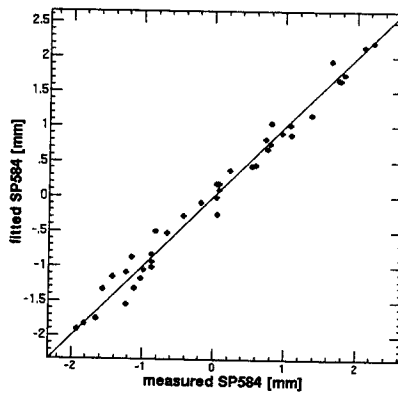
Result  
 When the beam is at the Q center :  
 BPM reading [mm]: .21025  
 error [mm]: .0147

Last BPM taken into account :  
 SP618  
 rel. curr. thresh.:

FR Ok | Save

File Edit Window

residual = .171mm



Hard Copy

12.03.2002 13:43:07 Help

Condition  
 BPM to be Calibrated :  
 SP564

Direction :  
 Horizontal Vertical

Used Components :  
 BPM : SP564  
 Steering : (('SX553',1))  
 from -1  
 to 1  
 number 5  
 Q magnet: QF564  
 from -2  
 to 2  
 number 8  
 next remem. save  
 GO READ

Display  
 BPM : Steering step :  
 SP584 FR

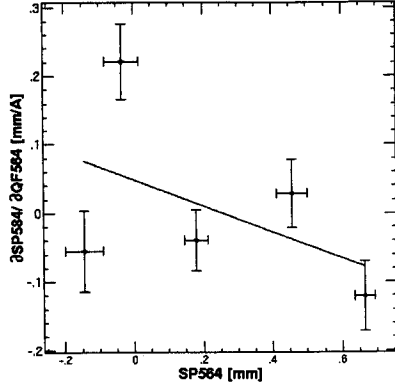
Result  
 When the beam is at the Q center :  
 BPM reading [mm]: .21025  
 error [mm]: .0147

Last BPM taken into account :  
 SP618  
 rel. curr. thresh.:

FR Ok | Save

SP584	0.209	0.015	( 0.171)
SP616	0.821	0.300	( 1.971)
SP618	-1.222	2.014	( 1.185)

File Edit Window



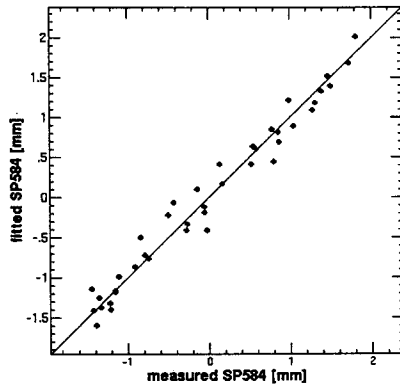
Print Copy

12-02-2003 12:27:56 Help

Condition  
 BPM to be Calibrated :  
 SP584  
 Direction :  
 Horizontal Vertical  
 Used Components :  
 BPM : SP584  
 Steering : (('SX553',1))  
 from -1  
 to 1  
 number 5  
 Q magnet: QF564  
 from -2  
 to 2  
 number 8  
 next remem. save  
 GO READ  
 Display  
 BPM : Steering step :  
 SP584 FIT  
 Result  
 When the beam is at the Q center :  
 BPM reading [mm]: .22233  
 error [mm]: .02323  
 Last BPM taken into account :  
 SP584  
 rel. curr. thresh. : .7  
 Fit Ok I Save

File Edit Window

residual = .188 mm



Print Copy

12-02-2003 12:27:56 Help

Condition  
 BPM to be Calibrated :  
 SP584  
 Direction :  
 Horizontal Vertical  
 Used Components :  
 BPM : SP584  
 Steering : (('SX553',1))  
 from -1  
 to 1  
 number 5  
 Q magnet: QF564  
 from -2  
 to 2  
 number 8  
 next remem. save  
 GO READ  
 Display  
 BPM : Steering step :  
 SP584 FIT  
 Result  
 When the beam is at the Q center :  
 BPM reading [mm]: .22233  
 error [mm]: .02323  
 Last BPM taken into account :  
 SP584  
 rel. curr. thresh. : .7  
 Fit Ok I Save

SP584 0.222 0.023 ( 0.188)