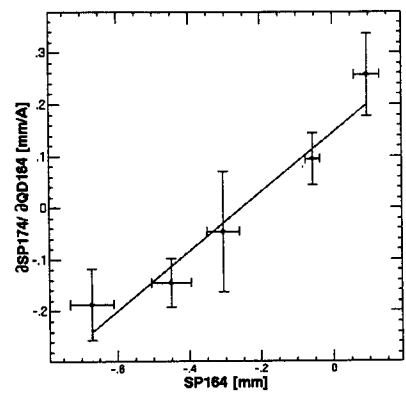


File Edit Window



Hard Copy

13:02:09.017 24.82 Help

Condition
BPM to be Calibrated :
SP164

Direction :
Horizontal Vertical

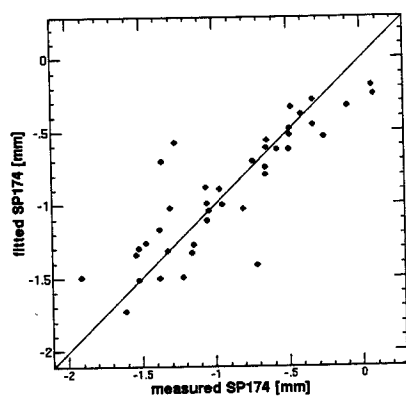
Used Components :
BPM : SP164
Steering : {{("SX161",1)}}
from -5
to -1
number 5
Q magnet: QD164
from -1
to 1
number 8
next remem. save
GO READ

Display
BPM : Steering step :
SP174 Fit

Result
When the beam is at the Q center :
BPM reading [mm]: -1.2266
error [mm]: .04491
Last BPM taken into account :
SP2215
rel. curr. thresh. :
Fit Ok I Save

File Edit Window

residual = .267 mm



Hard Copy

13:02:09.017 24.82 Help

Condition
BPM to be Calibrated :
SP164

Direction :
Horizontal Vertical

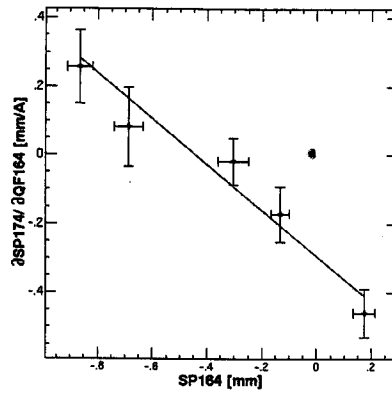
Used Components :
BPM : SP164
Steering : {{("SX161",1)}}
from -5
to -1
number 5
Q magnet: QD164
from -1
to 1
number 8
next remem. save
GO READ

Display
BPM : Steering step :
SP174 Fit

Result
When the beam is at the Q center :
BPM reading [mm]: -1.2266
error [mm]: .04491
Last BPM taken into account :
SP2215
rel. curr. thresh. :
Fit Ok I Save

SP174	-0.184	0.076	(0.267)
SP17C2	0.729	5.448	(1.987)
SP17C4	-0.093	0.059	(0.317)
SP21K5	-0.065	0.175	(0.274)
SP2215	-2.944	24.331	(0.148)

File Edit Window



Hard Copy

12.02.2002 19:29:19 Help

Condition
BPM to be Calibrated :
SP164

Direction :
Horizontal Vertical

Used Components :
BPM : SP164
Steering : {{SX161,1}}
from -6
to -1
number 5
Q magnet: QF164
from -1
to 1
number

next remem. save
GO READ

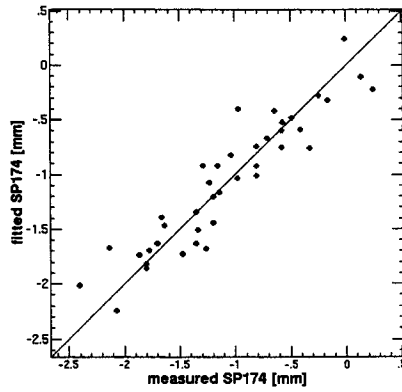
Display
BPM : Steering step :
SP174 Fit

Result
When the beam is at the Q center :
BPM reading [mm]: -4504
error [mm]: .05651
Last BPM taken into account :
SP2215
rel. curr. thresh. : 0

Fit Chk I Save

File Edit Window

residual = .254 mm



Hard Copy

12.02.2002 19:29:20 Help

Condition
BPM to be Calibrated :
SP164

Direction :
Horizontal Vertical

Used Components :
BPM : SP164
Steering : {{SX161,1}}
from -6
to -1
number 5
Q magnet: QF164
from -1
to 1
number

next remem. save
GO READ

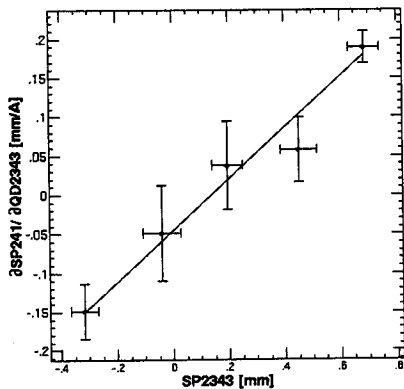
Display
BPM : Steering step :
SP174 Fit

Result
When the beam is at the Q center :
BPM reading [mm]: -4504
error [mm]: .05651
Last BPM taken into account :
SP2215
rel. curr. thresh. : 0

Fit Chk I Save

SP174	-0.418	0.076	(0.254)
SP17C2	-0.309	0.318	(2.205)
SP17C4	-0.495	0.091	(0.346)
SP21K5	2.155	6.327	(0.257)
SP2215	-0.610	0.311	(0.168)

File Edit Window



Hard Copy

12.03.2003 17:21:42 Help

Condition
BPM to be Calibrated :
SP2343

Direction :
Horizontal Vertical

Used Components :
BPM : SP2343
Steering : {{("BX2312",1)}}
from -1
to 2
number 5
Q magnet: QD2343
from -1
to 1
number 8

next remem. save

GO READ

Display
BPM : Steering step :
SP241 Rt

Result
When the beam is at the Q center :
BPM reading [mm]: -02878
error [mm]: .01547

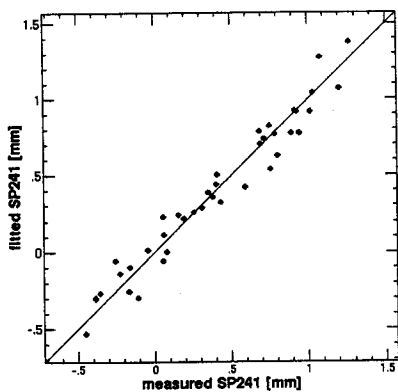
Last BPM taken into account :
SP261

rel. curr. thresh. : .7

Rt : Ok I Save

File Edit Window

residual = .114 mm



Hard Copy

12.03.2003 17:21:51 Help

Condition
BPM to be Calibrated :
SP2343

Direction :
Horizontal Vertical

Used Components :
BPM : SP2343
Steering : {{("BX2312",1)}}
from -1
to 2
number 5
Q magnet: QD2343
from -1
to 1
number 8

next remem. save

GO READ

Display
BPM : Steering step :
SP241 Rt

Result
When the beam is at the Q center :
BPM reading [mm]: -02878
error [mm]: .01547

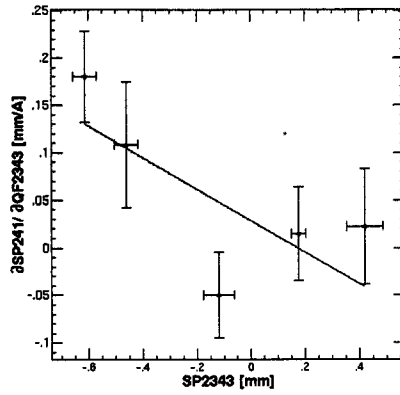
Last BPM taken into account :
SP261

rel. curr. thresh. : .7

Rt : Ok I Save

SP241	-0.087	0.047	(0.114)
SP242	-0.517	0.164	(0.185)
SP243	0.029	0.025	(0.171)
SP244	0.117	0.051	(0.286)
SP261	-0.092	0.024	(0.248)

File Edit Window



Hard Copy

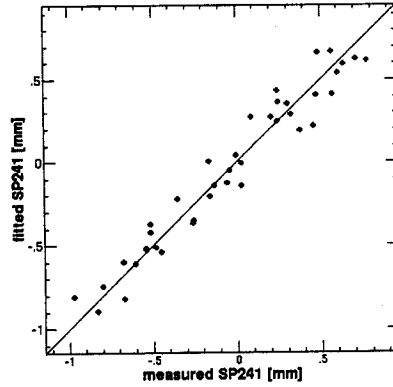
12.03.2003 21:29:12 Help

```

Condition
BPM to be Calibrated :
SP2343
Direction :
  Horizontal  Vertical
Used Components :
BPM : SP2343
Steering : ((BX2312,1))
from      -2
to        1
number    5
Q magnet: QF2343
from      -1
to        1
number    6
next      remem.  save
GO        READ
Display
BPM :      Steering step :
SP241      Rt
Result
When the beam is at the Q center :
BPM reading [mm]: .33717
error [mm]: .03725
Last BPM taken into account :
SP261
rel. curr. thresh. : .7
Rt      Ok | Save
    
```

File Edit Window

residual = .119 mm



Hard Copy

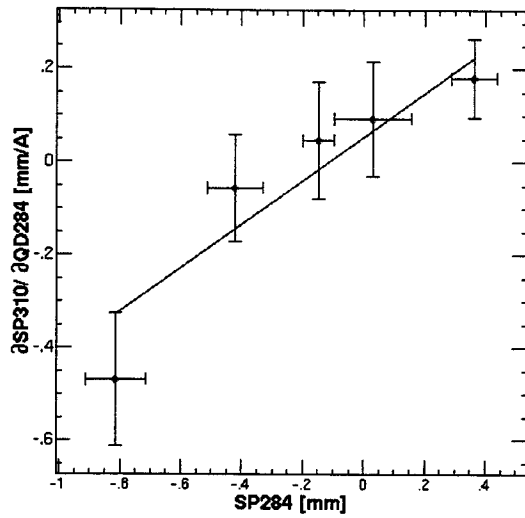
12.03.2003 21:29:26 Help

```

Condition
BPM to be Calibrated :
SP2343
Direction :
  Horizontal  Vertical
Used Components :
BPM : SP2343
Steering : ((BX2312,1))
from      -2
to        1
number    5
Q magnet: QF2343
from      -1
to        1
number    6
next      remem.  save
GO        READ
Display
BPM :      Steering step :
SP241      Rf0
Result
When the beam is at the Q center :
BPM reading [mm]: .33717
error [mm]: .03725
Last BPM taken into account :
SP261
rel. curr. thresh. : .7
Rt      Ok | Save
    
```

SP241	0.441	0.318	(0.119)
SP242	0.363	0.165	(0.180)
SP243	0.551	0.138	(0.168)
SP244	0.395	0.093	(0.291)
SP261	0.298	0.045	(0.236)

File Edit Window



Hard Copy

12/13/2003 08:21:03 Help

Condition
 BPM to be Calibrated :
 SP284

Direction :
 Horizontal Vertical

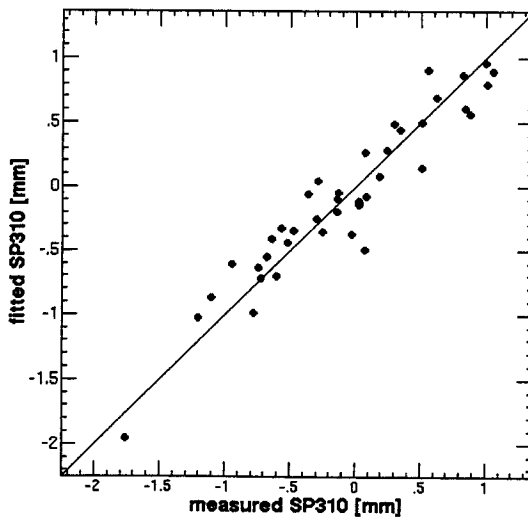
Used Components :
 BPM : SP284
 Steering : {"SX281",1}
 from -2
 to 2
 number 5
 Q magnet: QD284
 from -1
 to 1
 number
 next remem. save
 GO READ

Display
 BPM : SP310 Steering step : Fit

Result
 When the beam is at the Q center :
 BPM reading [mm]: .12603
 error [mm]: .03332
 Last BPM taken into account :
 SP344
 rel. curr. thresh. : .7
 Fit Chk I Save

File Edit Window

residual = .225 mm



Hard Copy

12/13/2003 08:19:41 Help

Condition
 BPM to be Calibrated :
 SP284

Direction :
 Horizontal Vertical

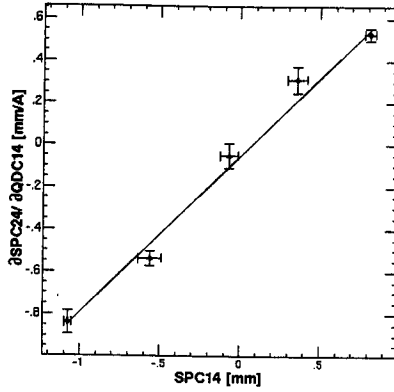
Used Components :
 BPM : SP284
 Steering : {"SX281",1}
 from -2
 to 2
 number 5
 Q magnet: QD284
 from -1
 to 1
 number
 next remem. save
 GO READ

Display
 BPM : SP310 Steering step : Fit0

Result
 When the beam is at the Q center :
 BPM reading [mm]: .12603
 error [mm]: .03332
 Last BPM taken into account :
 SP344
 rel. curr. thresh. : .7
 Fit Chk I Save

SP310	0.099	0.125	(0.225)
SP314	0.118	0.078	(0.446)
SP324	0.136	0.074	(0.695)
SP334	0.134	0.068	(0.694)
SP344	0.124	0.061	(0.599)

File Edit Window

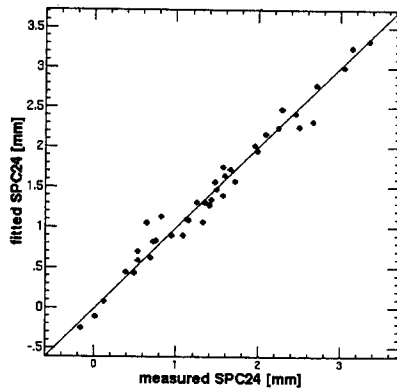


Hard Copy

Condition
 BPM to be Calibrated :
 SPC14
 Direction :
 Horizontal Vertical
 Used Components :
 BPM : SPC14
 Steering : (('SXC11',1))
 from -3
 to 0
 number 5
 Q magnet: GDC14
 from -1
 to 1
 number 8
 next remem. save
 GO READ
 Display
 BPM : Steering step :
 SPC24 FIT
 Result
 When the beam is at the Q center :
 BPM reading [mm]: .03183
 error [mm]: .00548
 Last BPM taken into account :
 SPC54
 rel. curr. thresh. : .7
 FIT Ok I Save

File Edit Window

residual = .154 mm

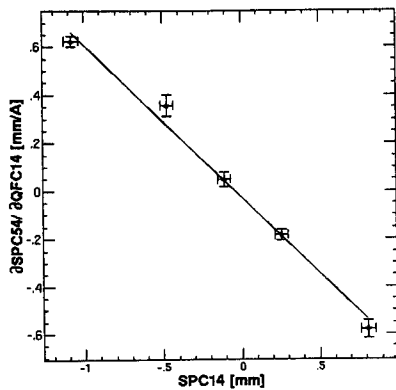


Hard Copy

Condition
 BPM to be Calibrated :
 SPC14
 Direction :
 Horizontal Vertical
 Used Components :
 BPM : SPC14
 Steering : (('SXC11',1))
 from -3
 to 0
 number 5
 Q magnet: GDC14
 from -1
 to 1
 number 8
 next remem. save
 GO READ
 Display
 BPM : Steering step :
 SPC24 FIT
 Result
 When the beam is at the Q center :
 BPM reading [mm]: .03183
 error [mm]: .00548
 Last BPM taken into account :
 SPC54
 rel. curr. thresh. : .7
 FIT Ok I Save

SPC24	0.020	0.013	(0.154)
SPC34	12.205	41.229	(0.144)
SPC44	-0.067	0.012	(0.147)
SPC54	0.121	0.010	(0.070)
SPC64	0.019	0.010	(0.141)

File Edit Window



Hard Copy

12:45:28.000 12/11/20 Help

Condition
BPM to be Calibrated :
SPC14

Direction :
Horizontal Vertical

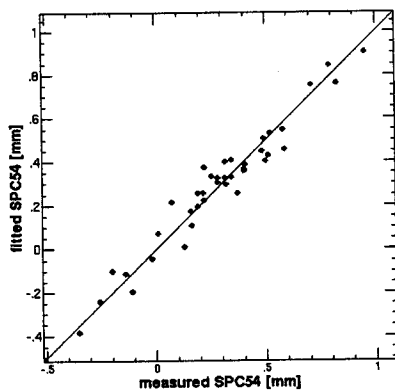
Used Components :
BPM : SPC14
Steering : ((SXC11,1))
from -3
to 0
number 5
Q magnet: QFC14
from -1
to 1
number 8
next remem. save
GO READ

Display
BPM : Steering step :
SPC54 Fit

Result
When the beam is at the Q center :
BPM reading [mm]: -0.1353
error [mm]: .00397
Last BPM taken into account :
SPC54
rel. curr. thresh. : .7
Fit Ok! Save

File Edit Window

residual = .071 mm



Hard Copy

12:45:28.000 12/11/20 Help

Condition
BPM to be Calibrated :
SPC14

Direction :
Horizontal Vertical

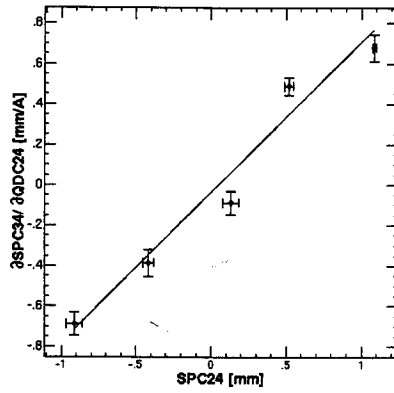
Used Components :
BPM : SPC14
Steering : ((SXC11,1))
from -3
to 0
number 5
Q magnet: QFC14
from -1
to 1
number 8
next remem. save
GO READ

Display
BPM : Steering step :
SPC54 Fit

Result
When the beam is at the Q center :
BPM reading [mm]: -0.1353
error [mm]: .00397
Last BPM taken into account :
SPC54
rel. curr. thresh. : .7
Fit Ok! Save

SPC24	-0.007	0.008	(0.154)
SPC34	0.795	0.465	(0.179)
SPC44	0.003	0.010	(0.175)
SPC54	-0.035	0.007	(0.071)
SPC64	0.000	0.008	(0.179)

File Edit Window



Hard Copy

12 06 2002 06:29:21 Help

Condition
 BPM to be Calibrated :
 SPC24

Direction :
 Horizontal Vertical

Used Components :
 BPM : SPC24
 Steering : {{('SXC21',1)}}
 from -1.5
 to 2.5
 number 5
 Q magnet: QDC24
 from -1
 to 1
 number

next remem. save

GO READ

Display
 BPM : Steering step :
 SPC34 Fit

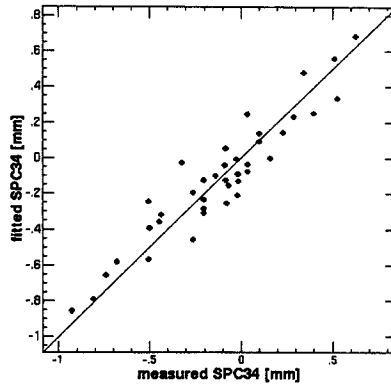
Result
 When the beam is at the Q center :
 BPM reading [mm]: .08379
 error [mm]: .00587

Last BPM taken into account :
 SPC74
 rel. curr. thresh. : .7

Fit Chk I Save

File Edit Window

residual = .130 mm



Hard Copy

12 06 2002 06:29:21 Help

Condition
 BPM to be Calibrated :
 SPC24

Direction :
 Horizontal Vertical

Used Components :
 BPM : SPC24
 Steering : {{('SXC21',1)}}
 from -1.5
 to 2.5
 number 5
 Q magnet: QDC24
 from -1
 to 1
 number

next remem. save

GO READ

Display
 BPM : Steering step :
 SPC34 Fit

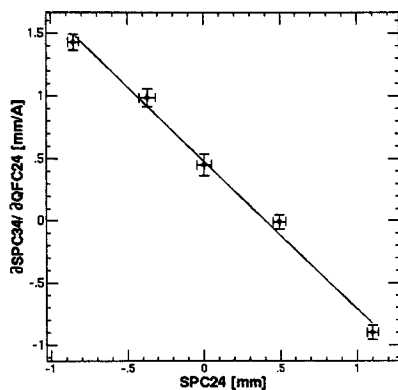
Result
 When the beam is at the Q center :
 BPM reading [mm]: .08379
 error [mm]: .00587

Last BPM taken into account :
 SPC74
 rel. curr. thresh. : .7

Fit Chk I Save

SPC34	0.111	0.011	(0.130)
SPC44	0.095	0.185	(0.160)
SPC54	0.063	0.008	(0.088)
SPC64	0.060	0.146	(0.142)
SPC74	0.100	0.014	(0.137)

File Edit Window

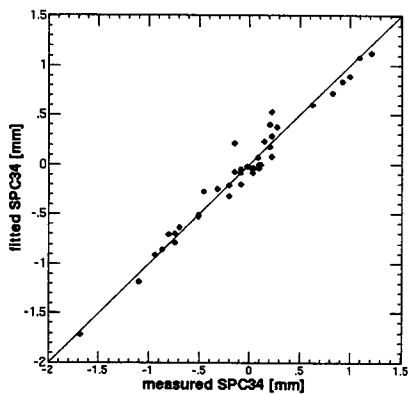


Hard Copy

Condition
 BPM to be Calibrated :
 SPC24
 Direction :
 ◀ Horizontal Vertical
 Used Components :
 BPM : SPC24
 Steering : {{("SXC21",1)}}
 from -1.5
 to 2.5
 number 5
 Q magnet: QFC24
 from -1
 to 1
 number 8
 next remem. save
 GO READ
 Display
 BPM : Steering step :
 SPC34 Rt
 Result
 When the beam is at the Q center :
 BPM reading [mm]: .47855
 error [mm]: .00647
 Last BPM taken into account :
 SPC74
 rel. curr. thresh. : .7
 Rt Chk I Save

File Edit Window

residual = .121 mm

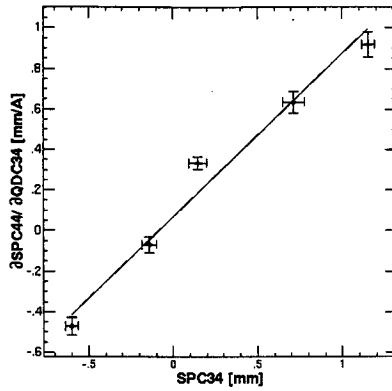


Hard Copy

Condition
 BPM to be Calibrated :
 SPC24
 Direction :
 ◀ Horizontal Vertical
 Used Components :
 BPM : SPC24
 Steering : {{("SXC21",1)}}
 from -1.5
 to 2.5
 number 5
 Q magnet: QFC24
 from -1
 to 1
 number 8
 next remem. save
 GO READ
 Display
 BPM : Steering step :
 SPC34 RtD
 Result
 When the beam is at the Q center :
 BPM reading [mm]: .47855
 error [mm]: .00647
 Last BPM taken into account :
 SPC74
 rel. curr. thresh. : .7
 Rt Chk I Save

SPC34	0.452	0.010	(0.121)
SPC44	0.043	0.500	(0.136)
SPC54	0.506	0.010	(0.102)
SPC64	0.570	0.048	(0.121)
SPC74	0.466	0.018	(0.151)

File Edit Window



Hard Copy

12/04/2004 09:51:21 Help

Condition
BPM to be Calibrated :
SPC34

Direction :
Horizontal Vertical

Used Components :
BPM : SPC34
Steering : {{("SX31",1)}}
from -1
to 2.5
number 5
Q magnet: GDC34
from -1
to 1
number 8
next remem. save
GO READ

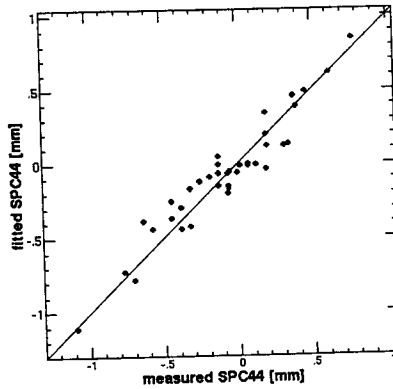
Display
BPM : Steering step :
SPC34 Fit

Result
When the beam is at the Q center :
BPM reading [mm]: -0.742
error [mm]: .00635

Last BPM taken into account :
SPC34
rel. curr. thresh. : .7
Fit Ok I Save

File Edit Window

residual = .119 mm



Hard Copy

12/04/2004 09:51:21 Help

Condition
BPM to be Calibrated :
SPC34

Direction :
Horizontal Vertical

Used Components :
BPM : SPC34
Steering : {{("SX31",1)}}
from -1
to 2.5
number 5
Q magnet: GDC34
from -1
to 1
number 8
next remem. save
GO READ

Display
BPM : Steering step :
SPC34 Fit

Result
When the beam is at the Q center :
BPM reading [mm]: -0.742
error [mm]: .00635

Last BPM taken into account :
SPC34
rel. curr. thresh. : .7
Fit Ok I Save

SPC44	-0.106	0.011	(0.119)
SPC54	-0.007	0.019	(0.132)
SPC64	-0.052	0.010	(0.118)
SPC74	-0.125	0.018	(0.164)
SPC84	0.414	0.248	(0.211)