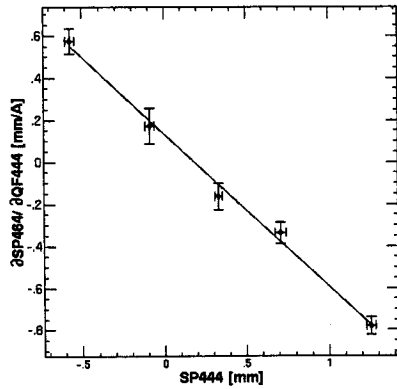


File Edit Window



Hard Copy

11/26/2003 14:57:47 Help

Condition
BPM to be Calibrated :
SP444

Direction :
Horizontal Vertical

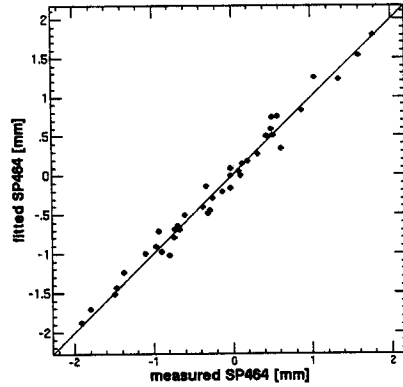
Used Components :
BPM : SP444
Steering : ((SX433',1))
from -2
to 2
number 5
Q magnet: QF444
from -1
to 1
number 8
next remem. save
GO READ

Display
BPM : SP464 Steering step : Fit

Result
When the beam is at the Q center :
BPM reading [mm]: .14873
error [mm]: .00532
Last BPM taken into account :
SP564
rel. curr. thresh. : .7
Fit Chk I Save

File Edit Window

residual = .126 mm



Hard Copy

11/26/2003 14:57:29 Help

Condition
BPM to be Calibrated :
SP444

Direction :
Horizontal Vertical

Used Components :
BPM : SP444
Steering : ((SX433',1))
from -2
to 2
number 5
Q magnet: QF444
from -1
to 1
number 8
next remem. save
GO READ

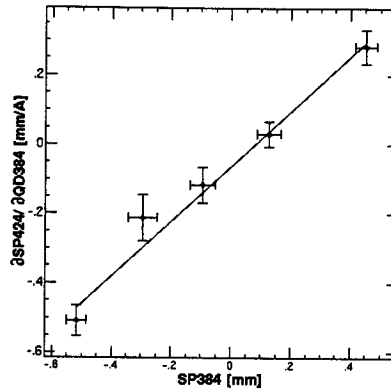
Display
BPM : SP464 Steering step : Fit

Result
When the beam is at the Q center :
BPM reading [mm]: .14873
error [mm]: .00532
Last BPM taken into account :
SP564
rel. curr. thresh. : .7
Fit Chk I Save

SP464	0.120	0.013	(0.126)
SP484	0.158	0.009	(0.106)
SP524	0.248	0.015	(0.066)
SP544	-0.015	0.022	(0.094)
SP564	0.143	0.010	(0.107)

File Edit Window

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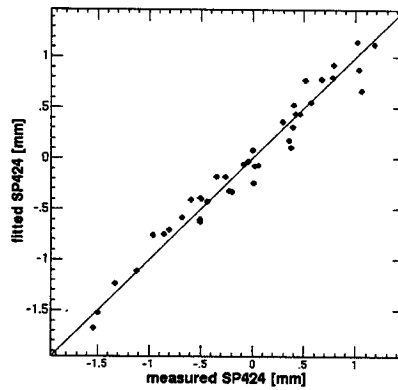
Hard Copy

Condition
 BPM to be Calibrated :
 SP384
 Direction :
 Horizontal Vertical
 Used Components :
 BPM : SP384
 Steering : ((SX373,1))
 from -2
 to 2
 number 5
 Q magnet: QD384
 from -1
 to 1
 number 8
 next remem. save
 GO READ
 Display
 BPM : Steering step :
 SP424 Rt
 Result
 When the beam is at the Q center :
 BPM reading [mm]: .06105
 error [mm]: .00489
 Last BPM taken into account :
 SP524
 rel. curr. thresh. : 0
 Rt Ok I Save

File Edit Window

12/01/2003 06:13:57 Help

residual = .148 mm

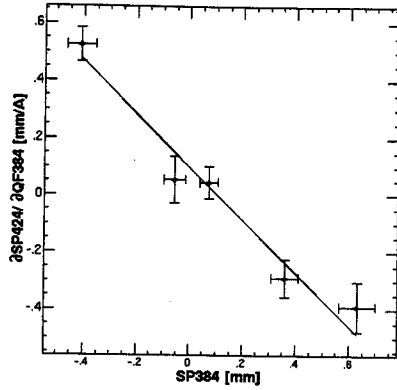


Hard Copy

Condition
 BPM to be Calibrated :
 SP384
 Direction :
 Horizontal Vertical
 Used Components :
 BPM : SP384
 Steering : ((SX373,1))
 from -2
 to 2
 number 5
 Q magnet: QD384
 from -1
 to 1
 number 8
 next remem. save
 GO READ
 Display
 BPM : Steering step :
 SP424 Rt
 Result
 When the beam is at the Q center :
 BPM reading [mm]: .06105
 error [mm]: .00489
 Last BPM taken into account :
 SP524
 rel. curr. thresh. : 0
 Rt Ok I Save

SP424	0.038	0.011	(0.148)
SP444	0.081	0.009	(0.120)
SP464	-0.218	0.072	(0.093)
SP484	0.051	0.011	(0.175)
SP524	0.068	0.009	(0.170)

File Edit Window



Hard Copy

12/01/2003 09:23:20 Help

Condition
 BPM to be Calibrated :
 SP384

Direction :
 Horizontal Vertical

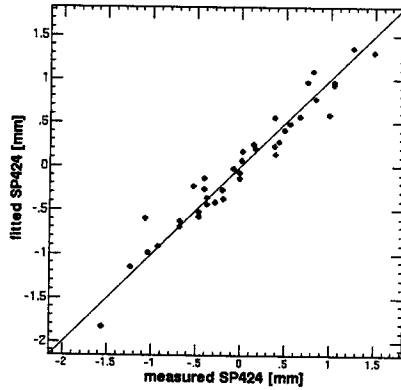
Used Components :
 BPM : SP384
 Steering : ((SX373,1))
 from -2
 to 2
 number 5
 Q magnet: QF384
 from -1
 to 1
 number 8
 next remem. save
 GO READ

Display
 BPM : Steering step :
 SP424 RT

Result
 When the beam is at the Q center :
 BPM reading [mm]: .06029
 error [mm]: .00667
 Last BPM taken into account :
 SP524
 rel. curr. thresh. : 0
 RT OK I Save

File Edit Window

residual = .181 mm



Hard Copy

12/01/2003 09:23:37 Help

Condition
 BPM to be Calibrated :
 SP384

Direction :
 Horizontal Vertical

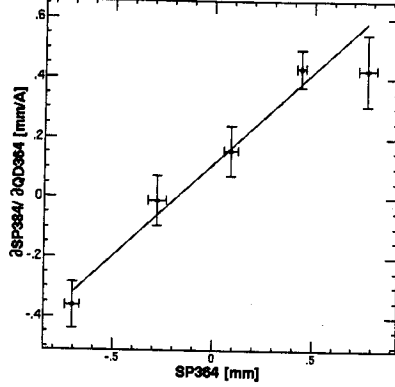
Used Components :
 BPM : SP384
 Steering : ((SX373,1))
 from -2
 to 2
 number 5
 Q magnet: QF384
 from -1
 to 1
 number 8
 next remem. save
 GO READ

Display
 BPM : Steering step :
 SP424 RT0

Result
 When the beam is at the Q center :
 BPM reading [mm]: .06029
 error [mm]: .00667
 Last BPM taken into account :
 SP524
 rel. curr. thresh. : 0
 RT OK I Save

SP424	0.041	0.014	(0.181)
SP444	0.082	0.014	(0.186)
SP464	-0.163	0.133	(0.073)
SP484	0.057	0.014	(0.228)
SP524	0.062	0.012	(0.225)

File Edit Window



Hard Copy

12-01-2003 10:01:29 Help

Condition
BPM to be Calibrated :
SP384

Direction :
Horizontal Vertical

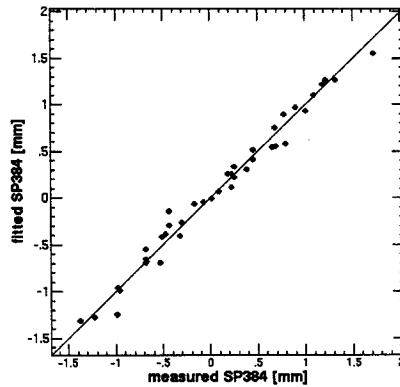
Used Components :
BPM : SP384
Steering : ((SX351,1))
from to number
-2 2 5
Q magnet: GD384
from to number
-1 1 5
next remem. save
GO READ

Display
BPM : Steering step :
SP384 RL

Result
When the beam is at the Q center :
BPM reading [mm]: -0.725
error [mm]: .0033
Last BPM taken into account :
SP484
rel. curr. thresh. : 0
RL Chk I Save

File Edit Window

residual = .112 mm



Hard Copy

12-01-2003 10:01:09 Help

Condition
BPM to be Calibrated :
SP384

Direction :
Horizontal Vertical

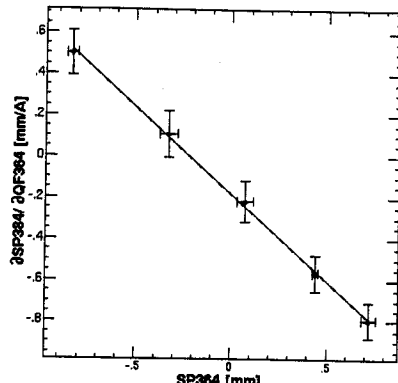
Used Components :
BPM : SP384
Steering : ((SX351,1))
from to number
-2 2 5
Q magnet: GD384
from to number
-1 1 5
next remem. save
GO READ

Display
BPM : Steering step :
SP384 RL

Result
When the beam is at the Q center :
BPM reading [mm]: -0.725
error [mm]: .0033
Last BPM taken into account :
SP484
rel. curr. thresh. : 0
RL Chk I Save

SP384	-0.071	0.010	(0.112)
SP424	-0.093	0.005	(0.070)
SP444	-0.025	0.013	(0.076)
SP464	-0.136	0.014	(0.105)
SP484	-0.054	0.005	(0.086)

File Edit Window



Hard Copy

12/01/2003 13:06:27 Help

Condition
BPM to be Calibrated :
SP384

Direction :
Horizontal Vertical

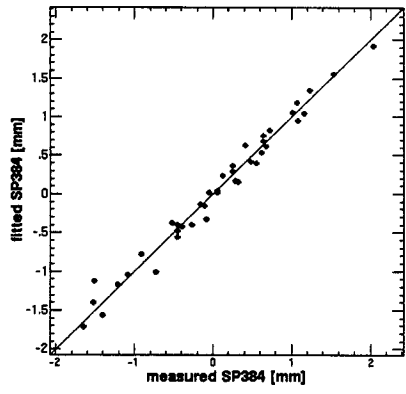
Used Components :
BPM : SP384
Steering : (('SX351',1))
from -2
to 2
number 5
Q magnet: QF384
from -1
to 1
number 8
next remem. save
GO READ

Display
BPM : Steering step :
SP384 RL

Result
When the beam is at the Q center :
BPM reading [mm]: -1.3881
error [mm]: .00423
Last BPM taken into account :
SP484
rel. curr. thresh. : 0
RL Ok I Save

File Edit Window

residual = .138 mm



Hard Copy

12/01/2003 13:06:28 Help

Condition
BPM to be Calibrated :
SP384

Direction :
Horizontal Vertical

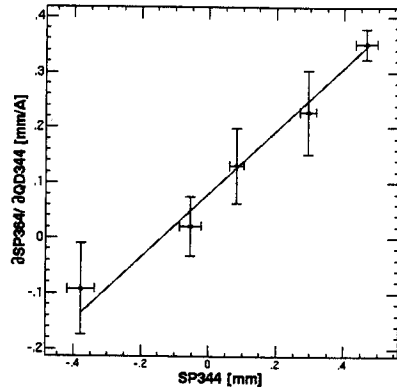
Used Components :
BPM : SP384
Steering : (('SX351',1))
from -2
to 2
number 5
Q magnet: QF384
from -1
to 1
number 8
next remem. save
GO READ

Display
BPM : Steering step :
SP384 RL0

Result
When the beam is at the Q center :
BPM reading [mm]: -1.3881
error [mm]: .00423
Last BPM taken into account :
SP484
rel. curr. thresh. : 0
RL Ok I Save

SP384	-0.208	0.013	(0.138)
SP424	-0.137	0.007	(0.101)
SP444	-0.015	0.012	(0.083)
SP464	-0.258	0.014	(0.107)
SP484	-0.139	0.007	(0.127)

File Edit Window



Hard Copy

12/01/2003 19:25:09 Help

Condition
BPM to be Calibrated :
SP344

Direction :
Horizontal Vertical

Used Components :
BPM : SP344
Steering : ((SX341,1))
from -2
to 2
number 5
Q magnet: QD344
from -1
to 1
number 8
next remem. save

GO READ

Display
BPM : Steering step :
SP364 Fit

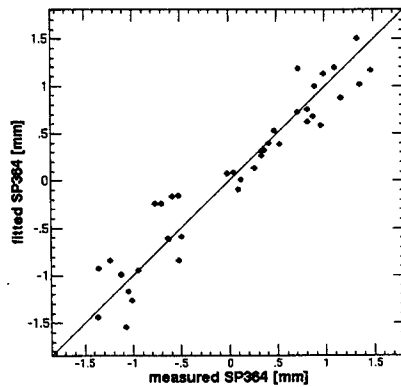
Result
When the beam is at the Q center :
BPM reading [mm]: -.06202
error [mm]: .0193

Last BPM taken into account :
SP464
rel. curr. thresh. : 0

Fit Chk I Save

File Edit Window

residual = .266 mm



Hard Copy

12/01/2003 19:24:39 Help

Condition
BPM to be Calibrated :
SP344

Direction :
Horizontal Vertical

Used Components :
BPM : SP344
Steering : ((SX341,1))
from -2
to 2
number 5
Q magnet: QD344
from -1
to 1
number 8
next remem. save

GO READ

Display
BPM : Steering step :
SP364 Fit

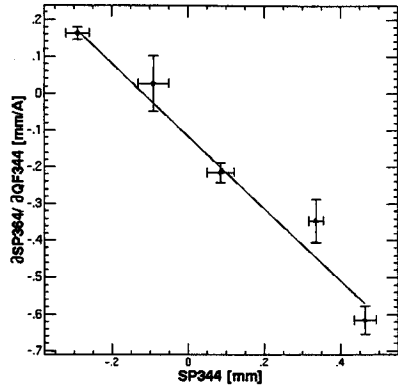
Result
When the beam is at the Q center :
BPM reading [mm]: -.06202
error [mm]: .0193

Last BPM taken into account :
SP464
rel. curr. thresh. : 0

Fit Chk I Save

SP364	-0.286	0.129	(0.266)
SP384	-0.182	0.048	(0.235)
SP424	-0.005	0.023	(0.087)
SP444	-0.286	0.102	(0.176)
SP464	-0.227	0.084	(0.179)

File Edit Window



Hard Copy

12/01/2003 14:31:59 Help

Condition
BPM to be Calibrated :
SP344

Direction :
Horizontal Vertical

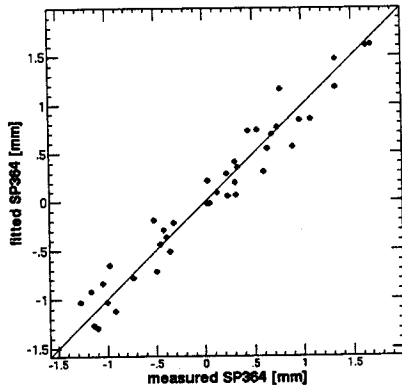
Used Components :
BPM : SP344
Steering : {{("SX341",1)}}
from -2
to 2
number 5
Q magnet: QF344
from -1
to 1
number 8
next remem. save
GO READ

Display
BPM : Steering step :
SP364 Fit

Result
When the beam is at the Q center :
BPM reading [mm]: -12173
error [mm]: .00956
Last BPM taken into account :
SP464
rel. curr. thresh. : 0
Fit Chk I Save

File Edit Window

residual = .195 mm



Hard Copy

12/01/2003 14:31:59 Help

Condition
BPM to be Calibrated :
SP344

Direction :
Horizontal Vertical

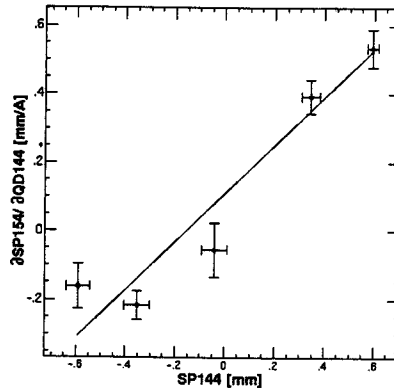
Used Components :
BPM : SP344
Steering : {{("SX341",1)}}
from -2
to 2
number 5
Q magnet: QF344
from -1
to 1
number 8
next remem. save
GO READ

Display
BPM : Steering step :
SP364 Fit

Result
When the beam is at the Q center :
BPM reading [mm]: -12173
error [mm]: .00956
Last BPM taken into account :
SP464
rel. curr. thresh. : 0
Fit Chk I Save

SP364	-0.098	0.021	(0.195)
SP384	-0.128	0.023	(0.228)
SP424	-0.137	0.016	(0.054)
SP444	-0.110	0.034	(0.172)
SP464	-0.115	0.023	(0.167)

File Edit Window



Hard Copy

11-20-2003 15:24:01 Help

Condition
BPM to be Calibrated :
SP144

Direction :
Horizontal Vertical

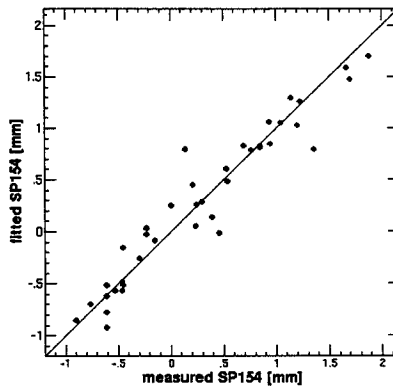
Used Components :
BPM : SP144
Steering : ((SX141,1))
from -2
to 2
number 5
Q magnet: GD144
from -1
to 1
number 6
next remem. save
GO READ

Display
BPM : Steering step :
SP154 FI0

Result
When the beam is at the Q center :
BPM reading [mm]: -16311
error [mm]: .01479
Last BPM taken into account :
SP21K5
rel. curr. thresh. : .7
FI Chk I Save

File Edit Window

residual = .227 mm



Hard Copy

11-20-2003 15:24:47 Help

Condition
BPM to be Calibrated :
SP144

Direction :
Horizontal Vertical

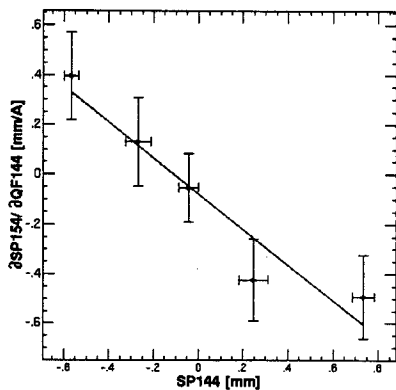
Used Components :
BPM : SP144
Steering : ((SX141,1))
from -2
to 2
number 5
Q magnet: GD144
from -1
to 1
number 6
next remem. save
GO READ

Display
BPM : Steering step :
SP154 FI0

Result
When the beam is at the Q center :
BPM reading [mm]: -16311
error [mm]: .01479
Last BPM taken into account :
SP21K5
rel. curr. thresh. : .7
FI Chk I Save

SP154	-0.112	0.031	(0.227)
SP164	-0.240	0.026	(0.204)
SP174	-0.162	0.028	(0.165)
SP17C2	-9.141	90.428	(2.156)
SP17C4	-0.078	0.086	(0.214)
SP21K5	-0.098	0.037	(0.324)

File Edit Window



Hard Copy

11/30/2003 15:26:59 Help

Condition
BPM to be Calibrated :
SP144

Direction :
Horizontal Vertical

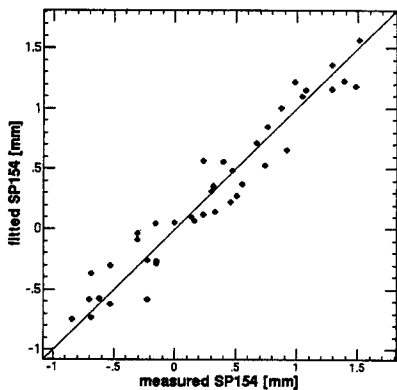
Used Components :
BPM : SP144
Steering : (('SX141',1))
from -2
to 2
number 5
Q magnet: QF144
from -5
to 5
number 8
next remem. save
GO READ

Display
BPM : Steering step :
SP154 R0

Result
When the beam is at the Q center :
BPM reading [mm]: -10178
error [mm]: .0315
Last BPM taken into account :
SP21K5
rel. curr. thresh. : .7
Rt Ok I Save

File Edit Window

residual = .185 mm



Hard Copy

11/30/2003 15:26:59 Help

Condition
BPM to be Calibrated :
SP144

Direction :
Horizontal Vertical

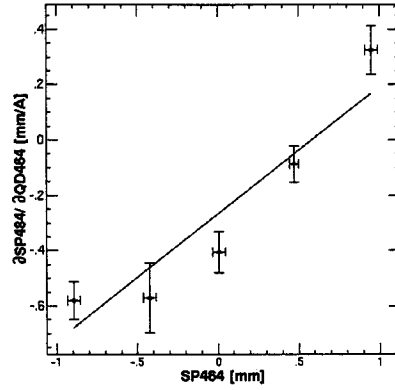
Used Components :
BPM : SP144
Steering : (('SX141',1))
from -2
to 2
number 5
Q magnet: QF144
from -5
to 5
number 8
next remem. save
GO READ

Display
BPM : Steering step :
SP154 R0

Result
When the beam is at the Q center :
BPM reading [mm]: -10178
error [mm]: .0315
Last BPM taken into account :
SP21K5
rel. curr. thresh. : .7
Rt Ok I Save

SP154	-0.196	0.064	(0.185)
SP164	-0.102	0.047	(0.202)
SP174	0.050	0.069	(0.154)
SP17C2	2.693	14.192	(1.972)
SP17C4	-0.481	0.817	(0.216)
SP21K5	-0.186	0.100	(0.285)

File Edit Window



Hard Copy

11/30/2003 13:37:34 Help

Condition
 BPM to be Calibrated :
 SP464

Direction :
 Horizontal Vertical

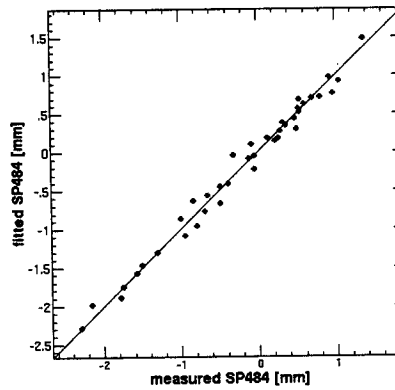
Used Components :
 BPM : SP464
 Steering : ((SX453',1))
 from -2
 to 2
 number 5
 Q magnet: QD464
 from -1
 to 1
 number 8
 next remem. save
 GO READ

Display
 BPM : Steering step :
 SP464 Fit

Result
 When the beam is at the Q center :
 BPM reading [mm]: .33046
 error [mm]: .00808
 Last BPM taken into account :
 SP584
 rel. curr. thresh.: .7
 Fit Chk I Save

File Edit Window

residual - .121 mm



Hard Copy

11/30/2003 13:37:34 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: QD464
 from -1
 to 1
 number 8
 next remem. save
 GO READ

Display
 BPM : Steering step :
 SP464 Fit

Result
 When the beam is at the Q center :
 BPM reading [mm]: .33046
 error [mm]: .00808
 Last BPM taken into account :
 SP584
 rel. curr. thresh.: .7
 Fit Chk I Save

SP484	0.279	0.015	(0.121)
SP524	0.341	0.013	(0.122)
SP544	0.411	0.018	(0.082)
SP564	0.278	0.040	(0.142)
SP584	0.279	0.030	(0.426)