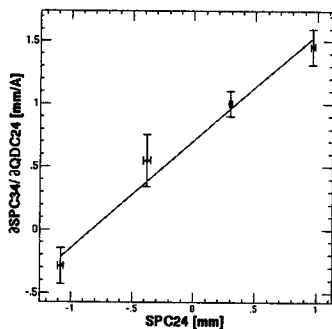


File Edit Window

11-20-93 10:49:27 Help

File Edit Window

11-20-93 10:49:27 Help



Condition
BPM to be Calibrated:
SPC24

Direction:
Horizontal Vertical

Used Components:
BPM: SPC24
Steering: ((SXC21',1))
from to number
to 1
from 4
to 4
number
Q magnet: QDC24
from to number
to -3
from -5
to -5
number 5

Display
BPM: Steering step:
SPC24 RT

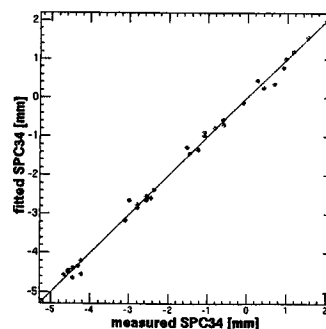
Result
When the beam is at the Q center:
BPM reading [mm]: -5857
error [mm]: .0614

Last BPM taken into account:
SPC34

rel. curr. thresh.: 7

Fit OK I Save

residual = .157 mm



Condition
BPM to be Calibrated:
SPC24

Direction:
Horizontal Vertical

Used Components:
BPM: SPC24
Steering: ((SXC21',1))
from to number
to -3
from 1
to 1
number
Q magnet: QDC24
from to number
to -5
from -5
to -5
number 5

Display
BPM: Steering step:
SPC34 RT

Result
When the beam is at the Q center:
BPM reading [mm]: -5857
error [mm]: .0614

Last BPM taken into account:
SPC34

rel. curr. thresh.: 7

Fit OK I Save

Hard Copy

Hard Copy

Hard Copy

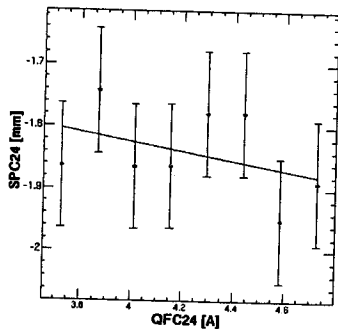
effect for -0.60 ± 0.06 mm for QDC24
SPC24 vs, QFC24 horizontal

File Edit Window

11-20-93 10:49:27 Help

File Edit Window

11-20-93 10:49:27 Help



Condition
BPM to be Calibrated:
SPC24

Direction:
Horizontal Vertical

Used Components:
BPM: SPC24
Steering: ((SXC21',1))
from to number
to -4.5
from -5
to -5
number 4
Q magnet: QFC24
from to number
to -5
from -5
to -5
number 5

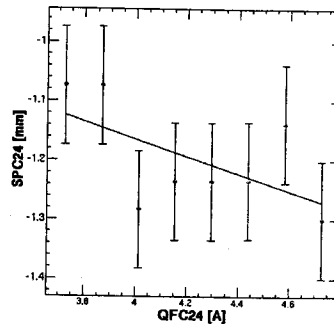
Display
BPM: Steering step:
SPC24 1

Result
When the beam is at the Q center:
BPM reading [mm]: -1.27622
error [mm]: .181

Last BPM taken into account:
SPC34

rel. curr. thresh.: 7

Fit OK I Save



Condition
BPM to be Calibrated:
SPC24

Direction:
Horizontal Vertical

Used Components:
BPM: SPC24
Steering: ((SXC21',1))
from to number
to -4.5
from -5
to -5
number 4
Q magnet: QFC24
from to number
to -5
from -5
to -5
number 5

Display
BPM: Steering step:
SPC24 2

Result
When the beam is at the Q center:
BPM reading [mm]: -1.27622
error [mm]: .181

Last BPM taken into account:
SPC34

rel. curr. thresh.: 7

Fit OK I Save

Hard Copy

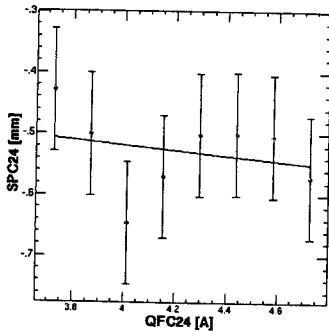
Hard Copy

File Edit Window

11-20-93 10:49:27 Help

File Edit Window

11-20-93 10:49:27 Help



Condition
BPM to be Calibrated:
SPC24

Direction:
Horizontal Vertical

Used Components:
BPM: SPC24
Steering: ((SXC21',1))
from to number
to -4.5
from -5
to -5
number 4
Q magnet: QFC24
from to number
to -5
from -5
to -5
number 5

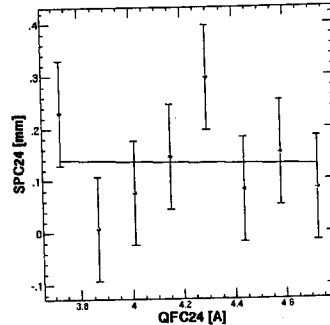
Display
BPM: Steering step:
SPC24 3

Result
When the beam is at the Q center:
BPM reading [mm]: -1.27622
error [mm]: .181

Last BPM taken into account:
SPC34

rel. curr. thresh.: 7

Fit OK I Save



Condition
BPM to be Calibrated:
SPC24

Direction:
Horizontal Vertical

Used Components:
BPM: SPC24
Steering: ((SXC21',1))
from to number
to -4.5
from -5
to -5
number 4
Q magnet: QFC24
from to number
to -5
from -5
to -5
number 5

Display
BPM: Steering step:
SPC24 4

Result
When the beam is at the Q center:
BPM reading [mm]: -1.27622
error [mm]: .181

Last BPM taken into account:
SPC34

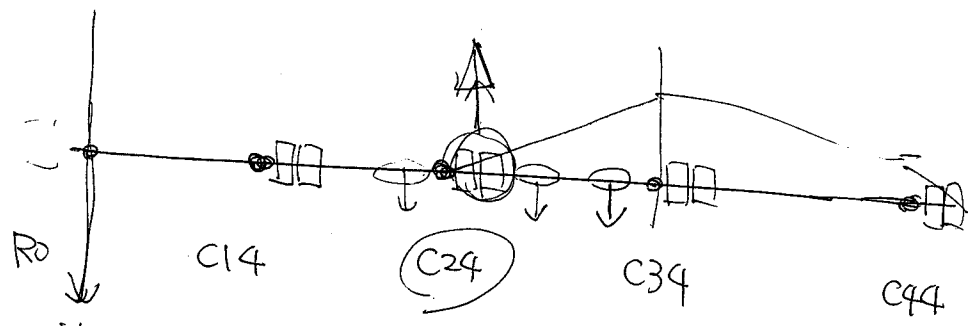
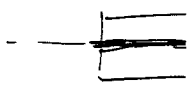
rel. curr. thresh.: 7

Fit OK I Save

Hard Copy

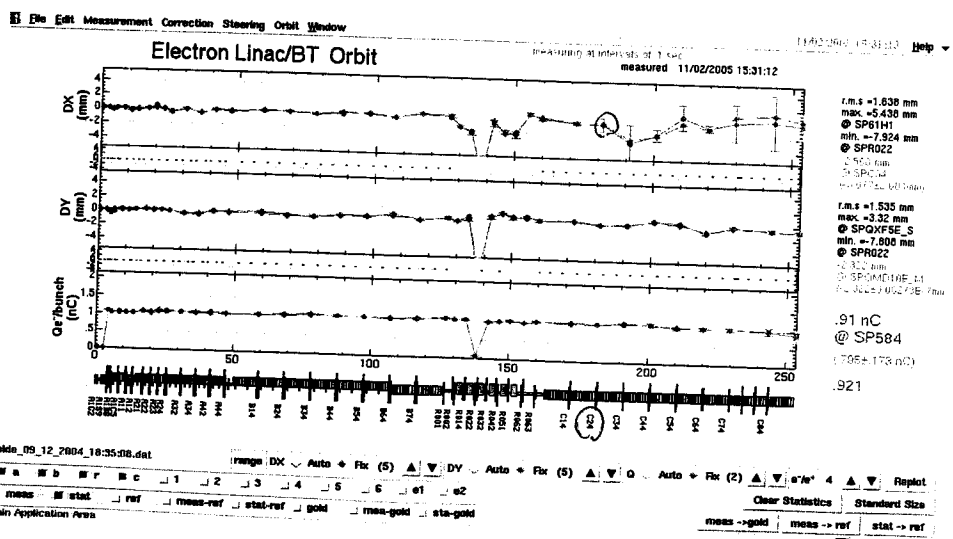
Hard Copy

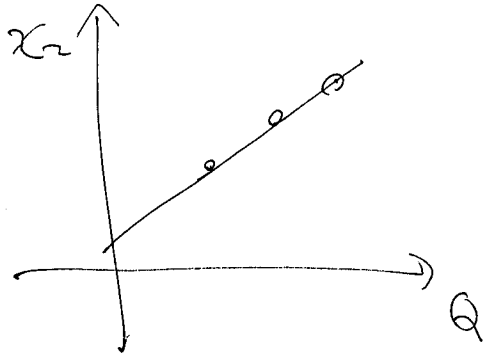
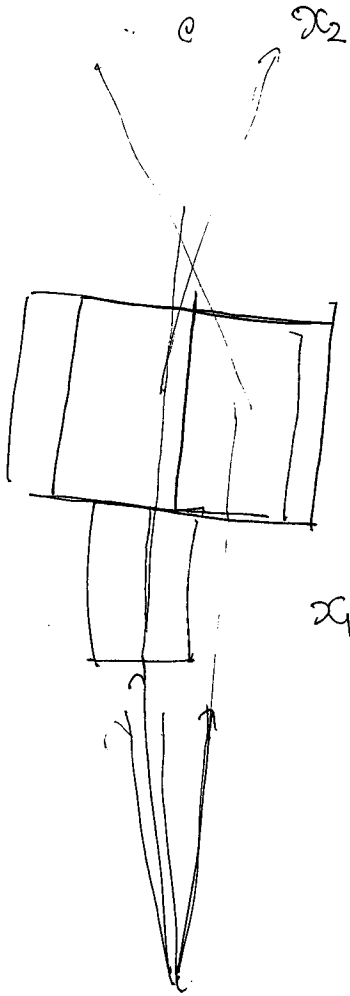
- SX-C1-1 +3.79
- SX-C2-3 +4.0
- SX-C3-1 +4.6
- SX-C3-3 +4.5
- SX-C4-1 +3.0



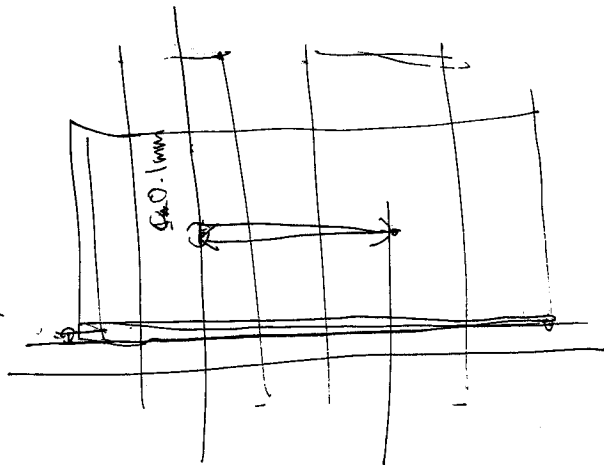
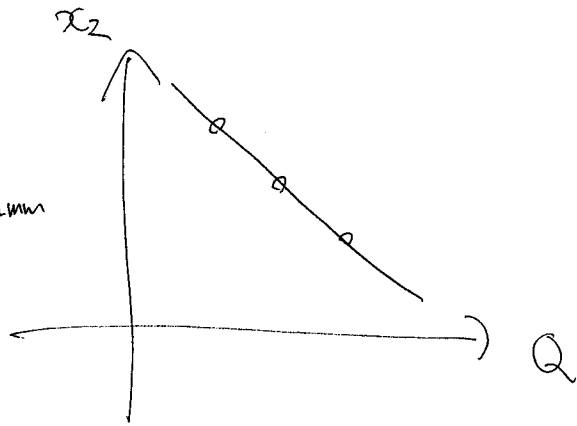
$$p = eB\rho$$

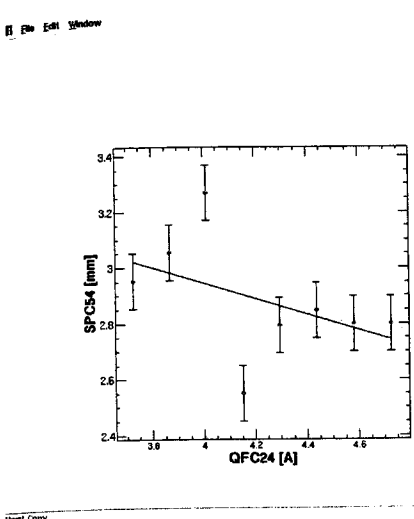
$$p \sin \theta = \frac{eB\rho \sin \theta}{p}$$





$x_f = 0$
 $x_1 = \pm 1 \text{ mm}$





Condition BPM to be Calibrated : SPC24

Direction : Horizontal Vertical

Used Components : SPC24

BPM : SPC24

Steering : (('SXC21',1))

from -4.5 to -5 number 4

Q magnet: QFC24

from -5 to 5 number 8

GO READ

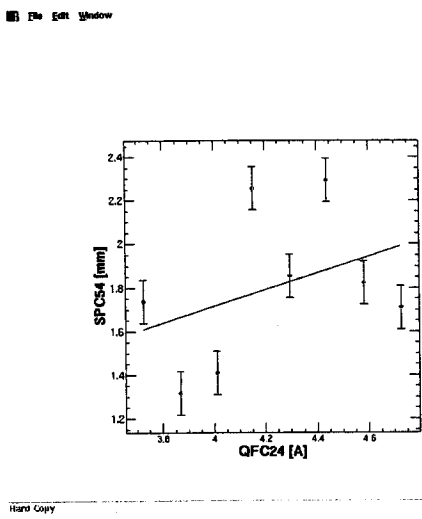
Display BPM : SPC54 Steering step : 1

Result When the beam is at the Q center : BPM reading [mm] : -1.27426 error [mm] : .18243

Last BPM taken into account : SPC54

rel. curr. thresh. : 7

Rt Ok I Save



Condition BPM to be Calibrated : SPC24

Direction : Horizontal Vertical

Used Components : SPC24

BPM : SPC24

Steering : (('SXC21',1))

from -4.5 to -5 number 4

Q magnet: QFC24

from -5 to 5 number 8

GO READ

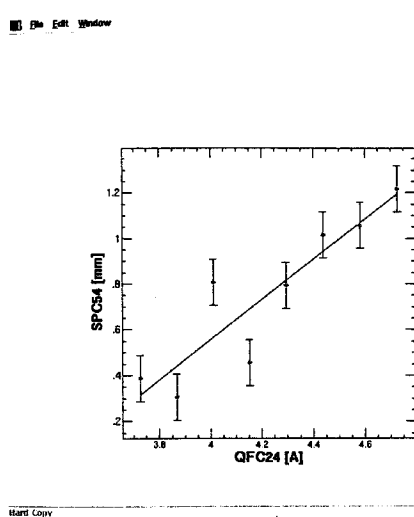
Display BPM : SPC54 Steering step : 2

Result When the beam is at the Q center : BPM reading [mm] : -1.27426 error [mm] : .18243

Last BPM taken into account : SPC54

rel. curr. thresh. : 7

Rt Ok I Save



Condition BPM to be Calibrated : SPC24

Direction : Horizontal Vertical

Used Components : SPC24

BPM : SPC24

Steering : (('SXC21',1))

from -4.5 to -5 number 4

Q magnet: QFC24

from -5 to 5 number 8

GO READ

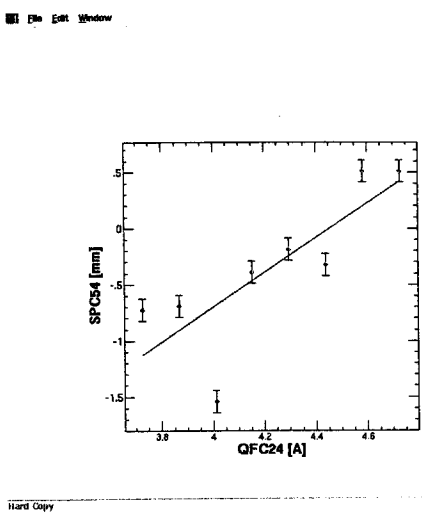
Display BPM : SPC54 Steering step : 3

Result When the beam is at the Q center : BPM reading [mm] : -1.27426 error [mm] : .18243

Last BPM taken into account : SPC54

rel. curr. thresh. : 7

Rt Ok I Save



Condition BPM to be Calibrated : SPC24

Direction : Horizontal Vertical

Used Components : SPC24

BPM : SPC24

Steering : (('SXC21',1))

from -4.5 to -5 number 4

Q magnet: QFC24

from -5 to 5 number 8

GO READ

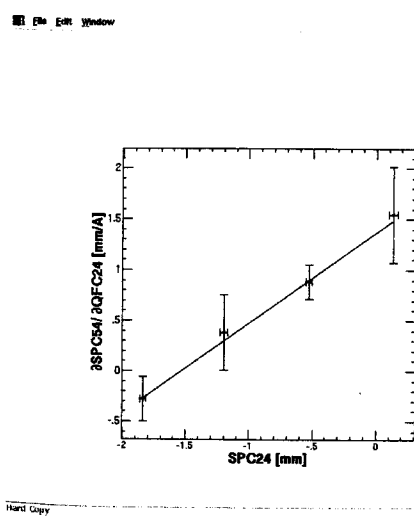
Display BPM : SPC54 Steering step : 4

Result When the beam is at the Q center : BPM reading [mm] : -1.27426 error [mm] : .18243

Last BPM taken into account : SPC54

rel. curr. thresh. : 7

Rt Ok I Save



Condition BPM to be Calibrated : SPC24

Direction : Horizontal Vertical

Used Components : SPC24

BPM : SPC24

Steering : (('SXC21',1))

from -4.5 to -5 number 4

Q magnet: QFC24

from -5 to 5 number 8

GO READ

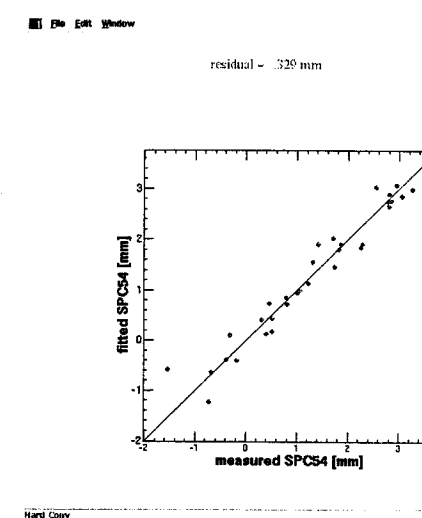
Display BPM : SPC54 Steering step : 5

Result When the beam is at the Q center : BPM reading [mm] : -1.27426 error [mm] : .18243

Last BPM taken into account : SPC54

rel. curr. thresh. : 7

Rt Ok I Save



Condition BPM to be Calibrated : SPC24

Direction : Horizontal Vertical

Used Components : SPC24

BPM : SPC24

Steering : (('SXC21',1))

from -4.5 to -5 number 4

Q magnet: QFC24

from -5 to 5 number 8

GO READ

Display BPM : SPC54 Steering step : 6

Result When the beam is at the Q center : BPM reading [mm] : -1.27426 error [mm] : .18243

Last BPM taken into account : SPC54

rel. curr. thresh. : 7

Rt Ok I Save

offset now -1.27 ± 0.18 mm for SPC24.

705

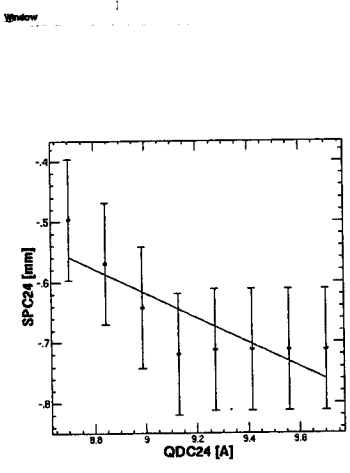
(05/11/4 (B))

Quad BPM (A. Satoh)

調整
終了

QR C34 F

Quad BPM 終了



Condition BPM to be Calibrated: SPC24

Direction: Horizontal Vertical

Used Components: SPC24

BPM: SPC24

Steering: ((SXC21,1))

from: -1

to: 1

number: 4

Q magnet: QDC24

from: -5

to: 5

number: 6

next: remem. save

GO READ

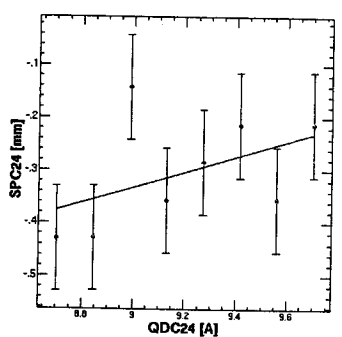
Display BPM: Steering step: SPC24 1

Result: When the beam is at the Q center: BPM reading [mm]: -27579 error [mm]: 08211

Last BPM taken into account: SPC24

rel. curr. thresh.: 7

Rt Ok I Save



Condition BPM to be Calibrated: SPC24

Direction: Horizontal Vertical

Used Components: SPC24

BPM: SPC24

Steering: ((SXC21,1))

from: -1

to: 1

number: 4

Q magnet: QDC24

from: -5

to: 5

number: 6

next: remem. save

GO READ

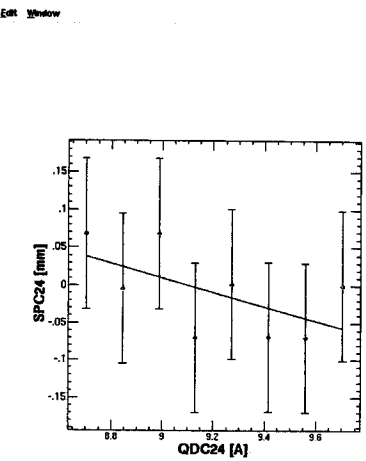
Display BPM: Steering step: SPC24 2

Result: When the beam is at the Q center: BPM reading [mm]: -27579 error [mm]: 08211

Last BPM taken into account: SPC24

rel. curr. thresh.: 7

Rt Ok I Save



Condition BPM to be Calibrated: SPC24

Direction: Horizontal Vertical

Used Components: SPC24

BPM: SPC24

Steering: ((SXC21,1))

from: -1

to: 1

number: 4

Q magnet: QDC24

from: -5

to: 5

number: 6

next: remem. save

GO READ

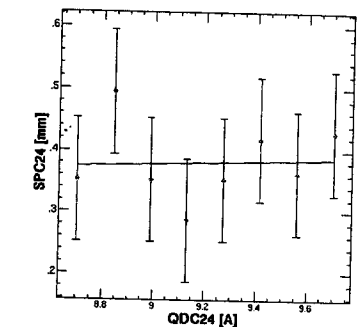
Display BPM: Steering step: SPC24 3

Result: When the beam is at the Q center: BPM reading [mm]: -27579 error [mm]: 08211

Last BPM taken into account: SPC24

rel. curr. thresh.: 7

Rt Ok I Save



Condition BPM to be Calibrated: SPC24

Direction: Horizontal Vertical

Used Components: SPC24

BPM: SPC24

Steering: ((SXC21,1))

from: -1

to: 1

number: 4

Q magnet: QDC24

from: -5

to: 5

number: 6

next: remem. save

GO READ

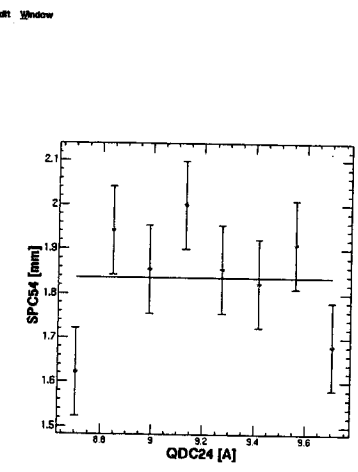
Display BPM: Steering step: SPC24 4

Result: When the beam is at the Q center: BPM reading [mm]: -27579 error [mm]: 08211

Last BPM taken into account: SPC24

rel. curr. thresh.: 7

Rt Ok I Save



Condition BPM to be Calibrated: SPC24

Direction: Horizontal Vertical

Used Components: SPC24

BPM: SPC24

Steering: ((SXC21,1))

from: -1

to: 1

number: 4

Q magnet: QDC24

from: -5

to: 5

number: 6

next: remem. save

GO READ

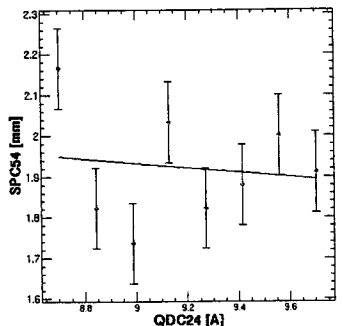
Display BPM: Steering step: SPC54 1

Result: When the beam is at the Q center: BPM reading [mm]: -27579 error [mm]: 08211

Last BPM taken into account: SPC54

rel. curr. thresh.: 7

Rt Ok I Save



Condition BPM to be Calibrated: SPC24

Direction: Horizontal Vertical

Used Components: SPC24

BPM: SPC24

Steering: ((SXC21,1))

from: -1

to: 1

number: 4

Q magnet: QDC24

from: -5

to: 5

number: 6

next: remem. save

GO READ

Display BPM: Steering step: SPC54 2

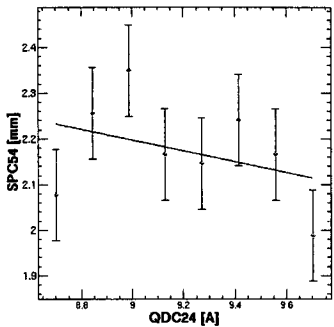
Result: When the beam is at the Q center: BPM reading [mm]: -27579 error [mm]: 08211

Last BPM taken into account: SPC54

rel. curr. thresh.: 7

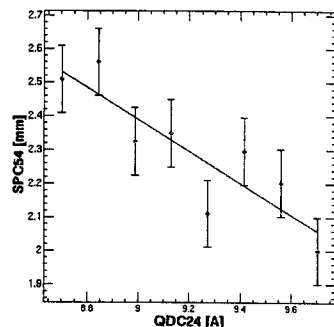
Rt Ok I Save

File Edit Window



Condition
 BPM to be Calibrated :
 SPC24
 Direction :
 Horizontal Vertical
 Used Components :
 BPM : SPC24
 Steering : (('SXC21',1))
 from to 1
 number 4
 Q magnet: QDC24
 from to 5
 number 8
 next remem. save
 GO READ
 Display
 BPM : Steering step :
 SPC54 3
 Result
 When the beam is at the Q center :
 BPM reading [mm]: -27579
 error [mm]: .08211
 Last BPM taken into account :
 SPC54
 rel. corr. thresh. : 7
 Fit Ok | Save

File Edit Window

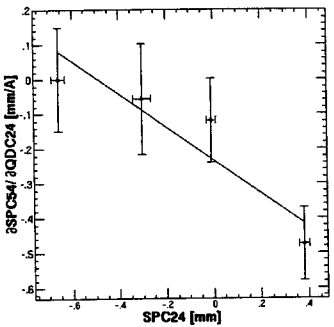


Condition
 BPM to be
 SPC24
 Direction
 Used Co
 BPM :
 Steering
 from
 to
 number
 Q magne
 from
 to
 number
 ne
 Display
 BPM :
 SPC54
 Result
 When the
 BPM rea
 error
 Last BPM
 SPC54
 rel. corr.

Hard Copy

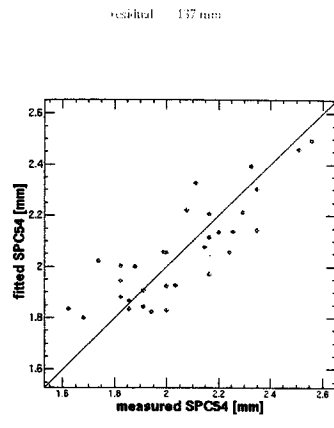
Hard Copy

File Edit Window



Condition
 BPM to be Calibrated :
 SPC24
 Direction :
 Horizontal Vertical
 Used Components :
 BPM : SPC24
 Steering : (('SXC21',1))
 from to 1
 number 4
 Q magnet: QDC24
 from to 5
 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]: -27579
 error [mm]: .08211
 Last BPM taken into account :
 SPC54
 rel. corr. thresh. : 7
 Fit Ok | Save

File Edit Window

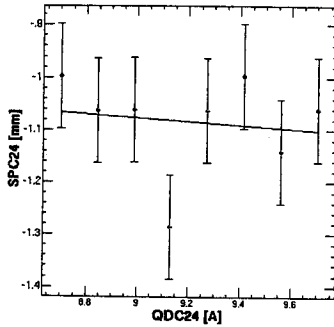


Condition
 BPM to be
 SPC24
 Direction :
 Horizontal
 Used Comp
 BPM :
 Steering :
 from
 to
 number
 Q magnet:
 from
 to
 number
 next
 GO
 Display
 BPM :
 SPC54
 Result
 When the b
 BPM read
 error]
 Last BPM
 SPC54
 rel. corr. th
 Fit

Hard Copy

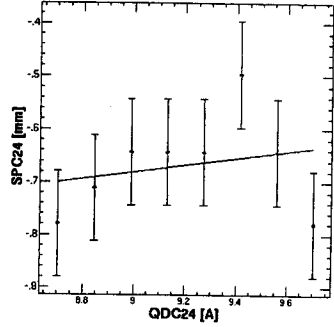
Hard Copy

File Edit Window



Condition
 BPM to be Calibrated :
 SPC24
 Direction :
 Horizontal Vertical
 Used Components :
 BPM : SPC24
 Steering : (('SXC21',1))
 from to 2
 to 1
 number 4
 Q magnet: QDC24
 from to 5
 number 8
 next remem. save
 GO READ
 Display
 BPM : Steering step :
 SPC24 1
 Result
 When the beam is at the Q center :
 BPM reading [mm]: -27485
 error [mm]: .06707
 Last BPM taken into account :
 SPC34
 rel. corr. thresh. : 7
 Fit Ok | Save

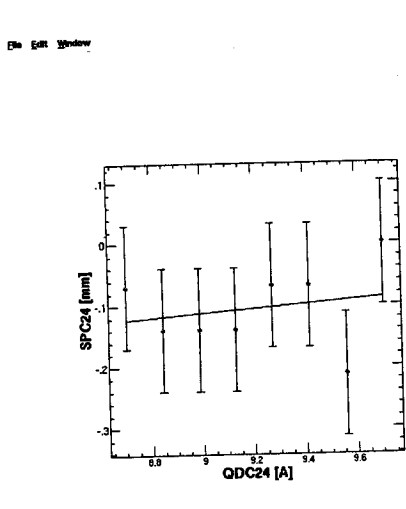
File Edit Window



Condition
 BPM to be
 SPC24
 Direction
 Used Co
 BPM :
 Steering
 from
 to
 number
 Q magne
 from
 to
 number
 ne
 Display
 BPM :
 SPC24
 Result
 When the
 BPM read
 error
 Last BPM
 SPC34
 rel. corr. i
 R

Hard Copy

Hard Copy



Condition
BPM to be Calibrated :
SPC24

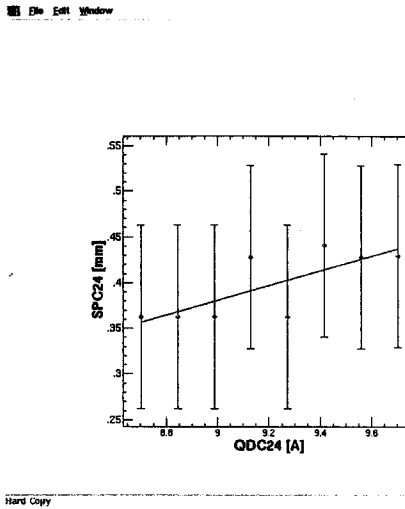
Direction :
→ Horizontal Vertical

Used Components :
BPM : SPC24
Steering : ((SXC21',1))
from : -2
to : 1
number : 4
Q magnet : QDC24
from : -5
to : 5
number : 8
next remem. save
GO READ

Display
BPM : Steering step :
SPC24 3

Result
When the beam is at the Q center :
BPM reading [mm] : -27495
error [mm] : .06707
Last BPM taken into account :
SPC24
rel. curr. thresh. : 7

Rt Ok! Save



Condition
BPM to be Calibrated :
SPC24

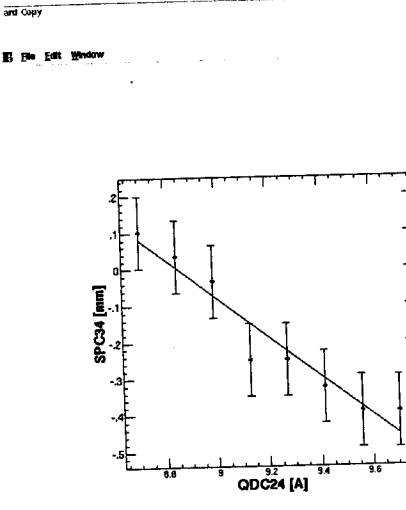
Direction :
→ Horizontal Vertical

Used Components :
BPM : SPC24
Steering : ((SXC21',1))
from : -2
to : 1
number : 4
Q magnet : QDC24
from : -5
to : 5
number : 8
next remem. save
GO READ

Display
BPM : Steering step :
SPC24 4

Result
When the beam is at the Q center :
BPM reading [mm] : -27495
error [mm] : .06707
Last BPM taken into account :
SPC24
rel. curr. thresh. : 7

Rt Ok! Save



Condition
BPM to be Calibrated :
SPC24

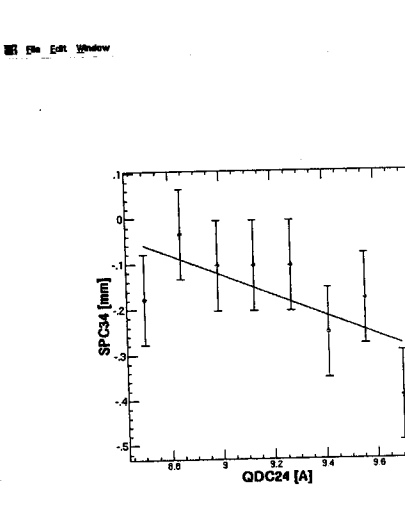
Direction :
→ Horizontal Vertical

Used Components :
BPM : SPC24
Steering : ((SXC21',1))
from : -2
to : 1
number : 4
Q magnet : QDC24
from : -5
to : 5
number : 8
next remem. save
GO READ

Display
BPM : Steering step :
SPC34 1

Result
When the beam is at the Q center :
BPM reading [mm] : -27495
error [mm] : .06707
Last BPM taken into account :
SPC34
rel. curr. thresh. : 7

Rt Ok! Save



Condition
BPM to be Calibrated :
SPC24

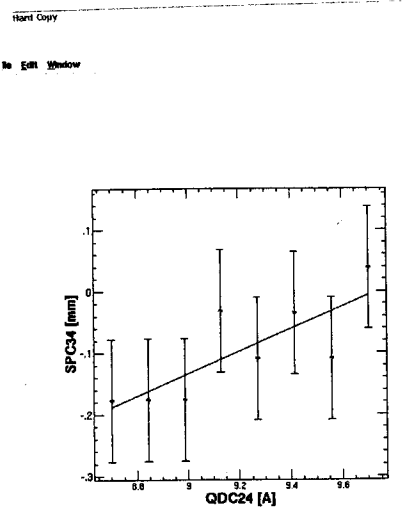
Direction :
→ Horizontal Vertical

Used Components :
BPM : SPC24
Steering : ((SXC21',1))
from : -2
to : 1
number : 4
Q magnet : QDC24
from : -5
to : 5
number : 8
next remem. save
GO READ

Display
BPM : Steering step :
SPC34 2

Result
When the beam is at the Q center :
BPM reading [mm] : -27495
error [mm] : .06707
Last BPM taken into account :
SPC34
rel. curr. thresh. : 7

Rt Ok! Save



Condition
BPM to be Calibrated :
SPC24

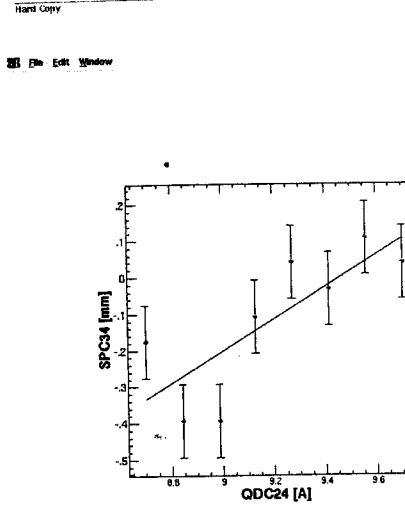
Direction :
→ Horizontal Vertical

Used Components :
BPM : SPC24
Steering : ((SXC21',1))
from : -2
to : 1
number : 4
Q magnet : QDC24
from : -5
to : 5
number : 8
next remem. save
GO READ

Display
BPM : Steering step :
SPC34 3

Result
When the beam is at the Q center :
BPM reading [mm] : -27495
error [mm] : .06707
Last BPM taken into account :
SPC34
rel. curr. thresh. : 7

Rt Ok! Save



Condition
BPM to be Calibrated :
SPC24

Direction :
→ Horizontal Vertical

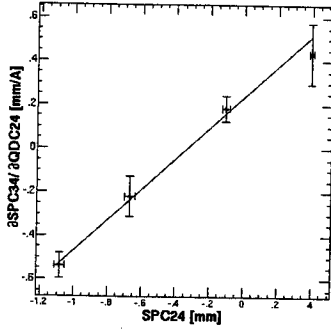
Used Components :
BPM : SPC24
Steering : ((SXC21',1))
from : -2
to : 1
number : 4
Q magnet : QDC24
from : -5
to : 5
number : 8
next remem. save
GO READ

Display
BPM : Steering step :
SPC34 4

Result
When the beam is at the Q center :
BPM reading [mm] : -27495
error [mm] : .06707
Last BPM taken into account :
SPC34
rel. curr. thresh. : 7

Rt Ok! Save

File Edit Window

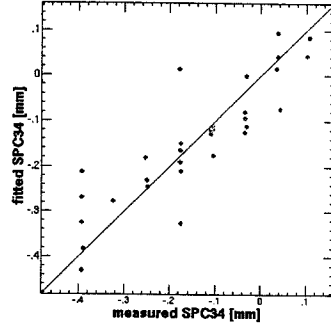


Condition
BPM to be Calibrated :
SPC24

Direction :
Horizontal Vertical

Used Components :
BPM : SPC24
Steering : {{SX21,1}}
from to 2
1
number 4
Q magnet : QDC24
from to 5
number 8
next remem. save
GO READ
Display :
BPM : Steering step :
SPC24 Rt
Result :
When the beam is at the Q center :
BPM reading [mm] : -27485
error [mm] : .06707
Last BPM taken into account :
SPC24
rel. curr. thresh. : 7
Rt Chk 1 Save

residual = .080 mm



Condition
BPM to be Calibrated :
SPC24

Direction :
Horizontal

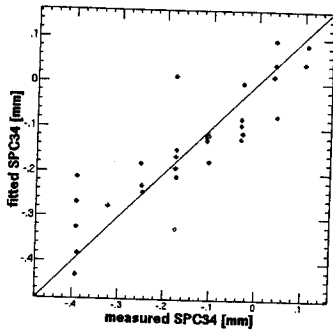
Used Components :
BPM :
Steering :
from to
number
Q magnet :
from to
number
next rem
GO
Display :
BPM :
SPC24
Result :
When the beam is at
BPM reading [mm] :
error [mm] :
Last BPM taken into
SPC24
rel. curr. thresh. :
Rt Chk 1

Hard Copy

Hard Copy

File Edit Window

residual = .080 mm

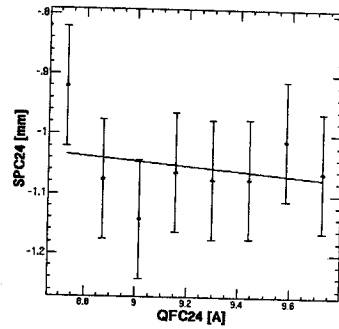


Condition
BPM to be Calibrated :
SPC24

Direction :
Horizontal Vertical

Used Components :
BPM : SPC24
Steering : {{SX21,1}}
from to -2
1
number 4
Q magnet : QDC24
from to -5
5
number 8
next remem. save
GO READ
Display :
BPM : Steering step :
SPC24 Rt
Result :
When the beam is at the Q center :
BPM reading [mm] : -27485
error [mm] : .06707
Last BPM taken into account :
SPC24
rel. curr. thresh. : 7
Rt Chk 1 Save

File Edit Window



Condition
BPM to be Calibrated :
SPC24

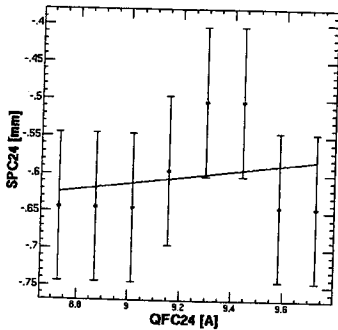
Direction :
Horizontal

Used Components :
BPM :
Steering :
from to
number
Q magnet :
from to
number
next remem
GO
Display :
BPM : ST
SPC24
Result :
When the beam is at the
BPM reading [mm] :
error [mm] :
Last BPM taken into ac
SPC24
rel. curr. thresh. :
Rt Chk 1

Hard Copy

Hard Copy

File Edit Window

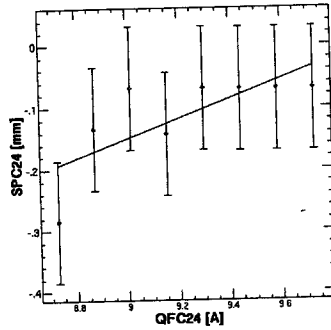


Condition
BPM to be Calibrated :
SPC24

Direction :
Horizontal Vertical

Used Components :
BPM : SPC24
Steering : {{SX21,1}}
from to -2
1
number 4
Q magnet : QFC24
from to -5
5
number 8
next remem. save
GO READ
Display :
BPM : Steering step :
SPC24 2
Result :
When the beam is at the Q center :
BPM reading [mm] : -33336
error [mm] : .15096
Last BPM taken into account :
SPC24
rel. curr. thresh. : 7
Rt Chk 1

File Edit Window



Condition
BPM to be Calibrated :
SPC24

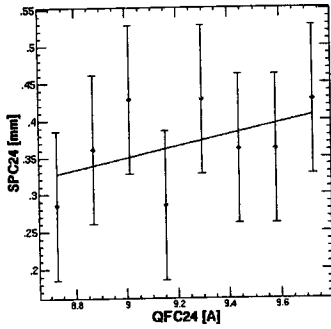
Direction :
Horizontal

Used Components :
BPM :
Steering :
from to
number
Q magnet :
from to
number
next remem
GO
Display :
BPM :
SPC24
Result :
When the beam is at
BPM reading [mm] :
error [mm] :
Last BPM taken into
SPC24
rel. curr. thresh. :
Rt Chk 1

Hard Copy

Hard Copy

Edit Window



Condition
BPM to be Calibrated :
SPC24

Direction :
Horizontal Vertical

Used Components :
BPM : SPC24
Steering : ((SX21',1))
from : -2
to : 1
number : 4
Q magnet : QFC24
from : -5
to : 5
number : 8

next remem. save

GO READ

Display
BPM : Steering step :
SPC24 4

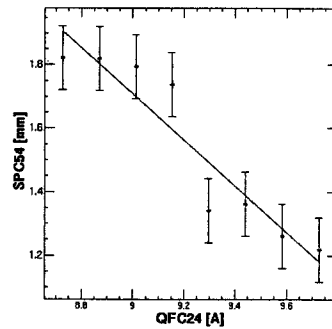
Result
When the beam is at the Q center :
BPM reading [mm] : -33336
error [mm] : .15096

Last BPM taken into account :
SPC24

rel. curr. thresh. : 7

Rt Chk I

Edit Window



Condition
BPM to be Calibrated :
SPC24

Direction :
Horizontal Vertical

Used Components :
BPM : SPC24
Steering : ((SX21',1))
from : -2
to : 1
number : 4
Q magnet : QFC24
from : -5
to : 5
number : 8

next remem. save

GO READ

Display
BPM : Steering step :
SPC54 1

Result
When the beam is at the Q center :
BPM reading [mm] : -33336
error [mm] : .15096

Last BPM taken into account :
SPC54

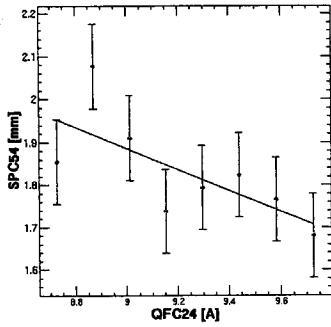
rel. curr. thresh. : 7

Rt Chk I

Copy

Hard Copy

Edit Window



Condition
BPM to be Calibrated :
SPC24

Direction :
Horizontal Vertical

Used Components :
BPM : SPC24
Steering : ((SX21',1))
from : -2
to : 1
number : 4
Q magnet : QFC24
from : -5
to : 5
number : 8

next remem. save

GO READ

Display
BPM : Steering step :
SPC54 2

Result
When the beam is at the Q center :
BPM reading [mm] : -33336
error [mm] : .15096

Last BPM taken into account :
SPC54

rel. curr. thresh. : 7

Rt Chk I

Hard Copy

Condition
BPM to be Calibrated :
SPC24

Direction :
Horizontal Vertical

Used Components :
BPM : SPC24
Steering : ((SX21',1))
from : -2
to : 1
number : 4
Q magnet : QFC24
from : -5
to : 5
number : 8

next remem. save

GO READ

Display
BPM : Steering step :
SPC54 3

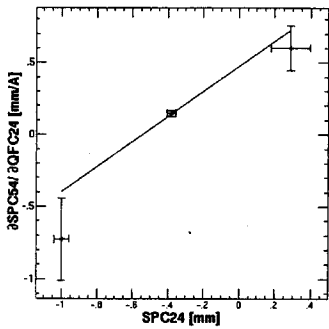
Result
When the beam is at the Q center :
BPM reading [mm] : -33336
error [mm] : .15096

Last BPM taken into account :
SPC54

rel. curr. thresh. : 7

Rt Chk I

Copy



Condition
BPM to be Calibrated :
SPC24

Direction :
Horizontal Vertical

Used Components :
BPM : SPC24
Steering : ((SX21',1))
from : -2
to : 1
number : 4
Q magnet : QFC24
from : -5
to : 5
number : 8

next remem. save

GO READ

Display
BPM : Steering step :
SPC54 Rt

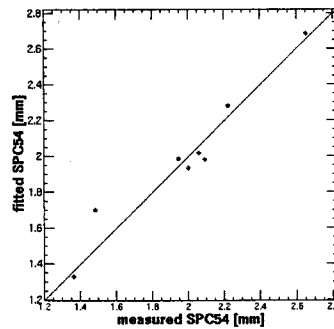
Result
When the beam is at the Q center :
BPM reading [mm] : -33336
error [mm] : .15096

Last BPM taken into account :
SPC54

rel. curr. thresh. : 7

Rt Chk I

residual = .146 mm



Condition
BPM to be Calibrated :
SPC24

Direction :
Horizontal Vertical

Used Components :
BPM : SPC24
Steering : ((SX21',1))
from : -2
to : 1
number : 4
Q magnet : QFC24
from : -5
to : 5
number : 8

next remem. save

GO READ

Display
BPM : Steering step :
SPC54 Rt

Result
When the beam is at the Q center :
BPM reading [mm] : -33336
error [mm] : .15096

Last BPM taken into account :
SPC54

rel. curr. thresh. : 7

Rt Chk I

$$2QFC24/offset - 2QFC24/offset = -0.33 - (-0.27) = -0.06$$

1/2(x) / 2 = 1/2 * x

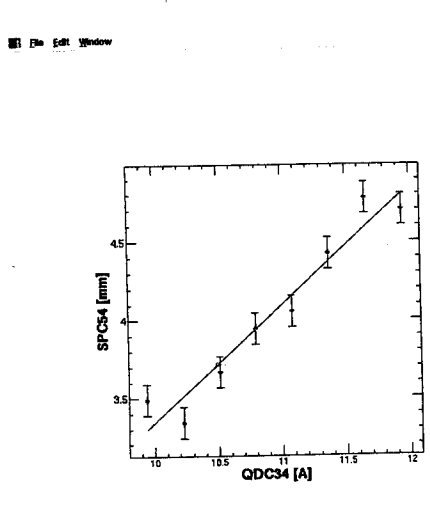
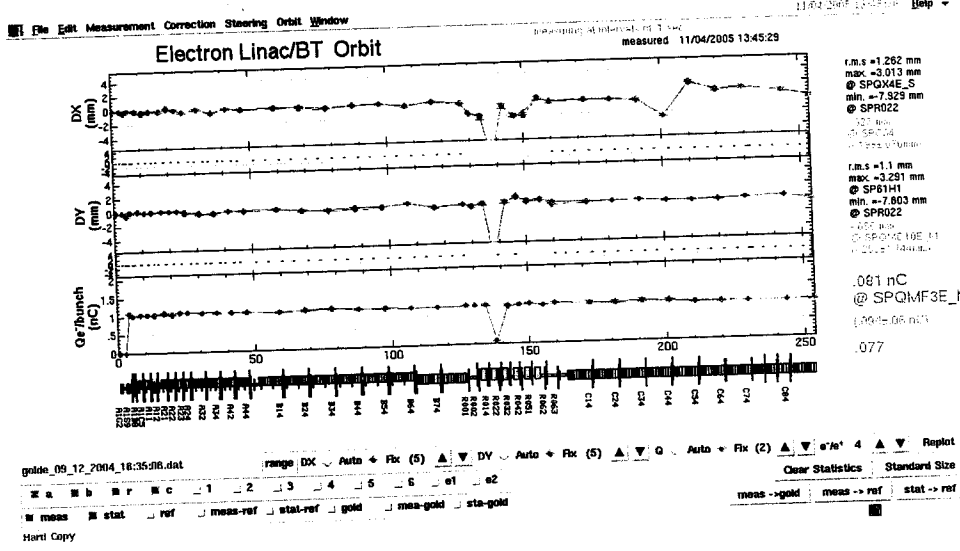
$$-1.27 - (-0.60) = -0.67$$

105/1/4(2)

M.S.

170

SPC34 = { QDC34 } , Q and BPM
 { QFC34 }



Condition BPM to be Calibrated: SPC34

Direction: Horizontal Vertical

Used Components: SPC34

BPM: SPC34

Steering: ((SX31,1))

from: -3

to: 3

number: 4

Q magnet: QDC34

from: 0

to: 2

number: 8

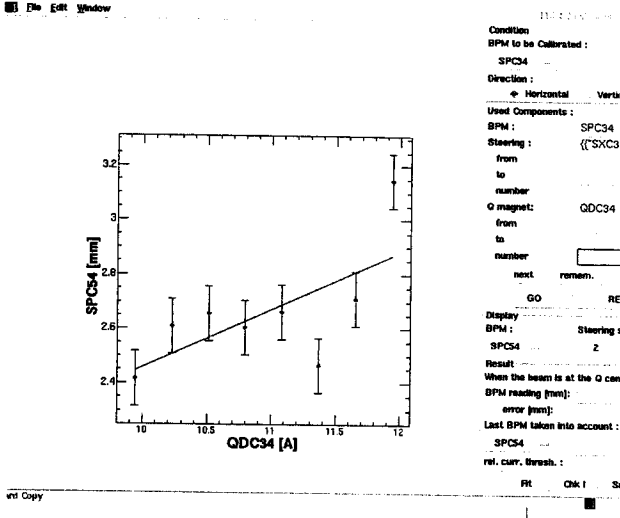
next remem. save

GO READ

Display: SPC34 Steering step: 1

Result: When the beam is at the Q center: BPM reading [mm]: -20122 error [mm]: .01714 Last BPM taken into account: SPC34 rel. curr. thresh.: .7

Rt Ok I Save



Condition BPM to be Calibrated: SPC34

Direction: Horizontal Vertical

Used Components: SPC34

BPM: SPC34

Steering: ((SX31,1))

from: -3

to: 3

number: 4

Q magnet: QDC34

from: 0

to: 2

number: 8

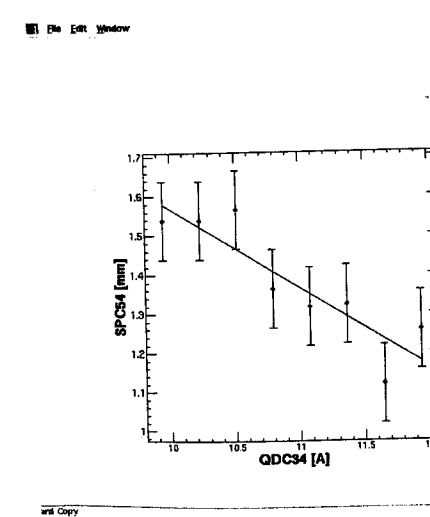
next remem. save

GO READ

Display: SPC34 Steering step: 2

Result: When the beam is at the Q center: BPM reading [mm]: error [mm]: Last BPM taken into account: SPC34 rel. curr. thresh.: .7

Rt Ok I Save



Condition BPM to be Calibrated: SPC34

Direction: Horizontal Vertical

Used Components: SPC34

BPM: SPC34

Steering: ((SX31,1))

from: -3

to: 3

number: 4

Q magnet: QDC34

from: 0

to: 2

number: 8

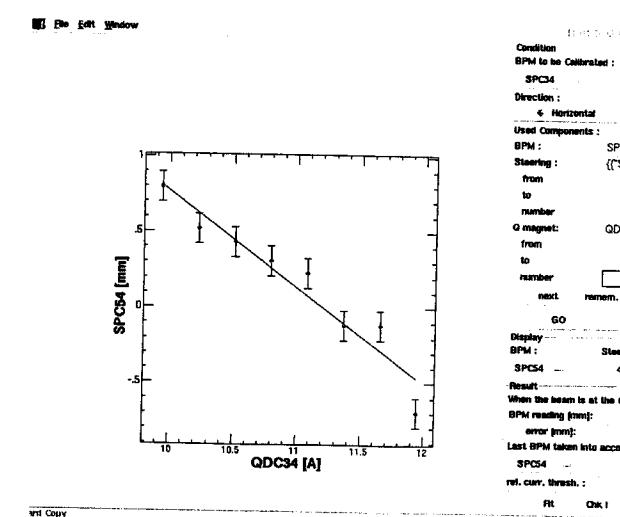
next remem. save

GO READ

Display: SPC34 Steering step: 3

Result: When the beam is at the Q center: BPM reading [mm]: -20122 error [mm]: .01714 Last BPM taken into account: SPC34 rel. curr. thresh.: .7

Rt Ok I Save



Condition BPM to be Calibrated: SPC34

Direction: Horizontal Vertical

Used Components: SPC34

BPM: SPC34

Steering: ((SX31,1))

from: -3

to: 3

number: 4

Q magnet: QDC34

from: 0

to: 2

number: 8

next remem. save

GO READ

Display: SPC34 Steering step: 4

Result: When the beam is at the Q center: BPM reading [mm]: error [mm]: Last BPM taken into account: SPC34 rel. curr. thresh.: .7

Rt Ok I Save