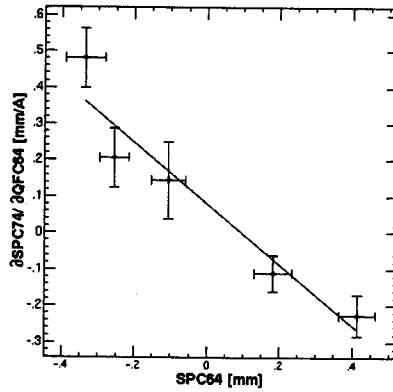


File Edit Window

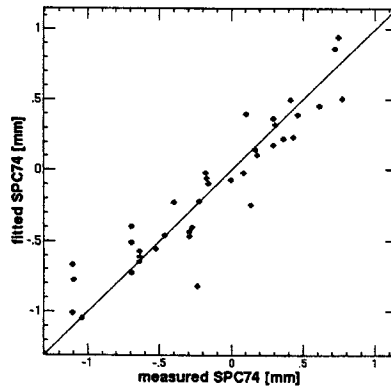


Hard Copy

Condition
 BPM to be Calibrated :
 SPC64
 Direction :
 Horizontal Vertical
 Used Components :
 BPM : SPC64
 Steering : ((SXC61,1))
 from -1
 to 1
 number 5
 Q magnet: QFC64
 from -1
 to 1
 number 8
 next remem. save
 GO READ
 Display
 BPM : Steering step :
 SPC74 FIT
 Result
 When the beam is at the Q center :
 BPM reading [mm]: .15743
 error [mm]: .0085
 Last BPM taken into account :
 SP134
 rel. curr. thresh. : .7
 Fit Ok I Save

File Edit Window

residual : .203 mm

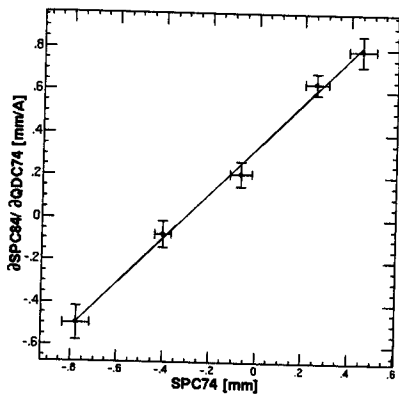


Hard Copy

Condition
 BPM to be Calibrated :
 SPC64
 Direction :
 Horizontal Vertical
 Used Components :
 BPM : SPC64
 Steering : ((SXC61,1))
 from -1
 to 1
 number 5
 Q magnet: QFC64
 from -1
 to 1
 number 8
 next remem. save
 GO READ
 Display
 BPM : Steering step :
 SPC74 FIT
 Result
 When the beam is at the Q center :
 BPM reading [mm]: .15743
 error [mm]: .0085
 Last BPM taken into account :
 SP134
 rel. curr. thresh. : .7
 Fit Ok I Save

SPC74	0.095	0.024	(0.203)
SPC84	0.167	0.017	(0.190)
SP114	0.171	0.012	(0.094)
SP124	0.365	0.233	(0.121)
SP134	0.145	0.026	(0.153)

File Edit Window



Hard Copy

11/19/2007 11:44:56 Help

Condition
BPM to be Calibrated :
SPC74

Direction :
Horizontal Vertical

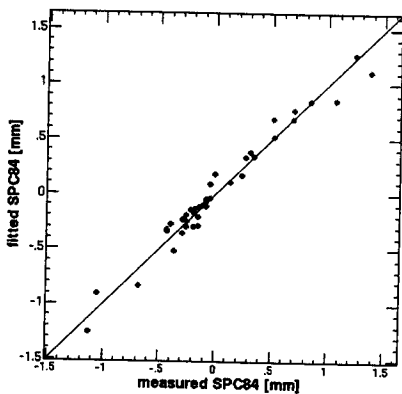
Used Components :
BPM : SPC74
Steering : {{('SXC61',1)}}
from -1
to 1
number 5
Q magnet: QDC74
from -1
to 1
number 8
next remem. save
GO READ

Display
BPM : Steering step :
SPC84 Fit

Result
When the beam is at the Q center :
BPM reading [mm]: -0.3842
error [mm]: .00707
Last BPM taken into account :
SP144
rel. curr. thresh. : .7
Fit Chk 1 Save

File Edit Window

residual = .106 mm



Hard Copy

11/19/2007 11:44:56 Help

Condition
BPM to be Calibrated :
SPC74

Direction :
Horizontal Vertical

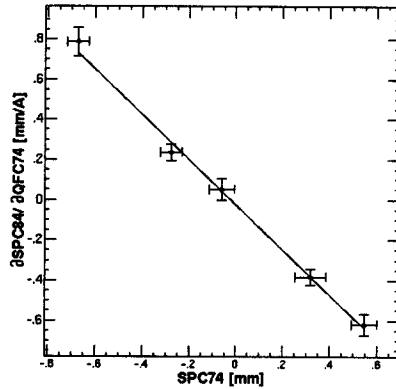
Used Components :
BPM : SPC74
Steering : {{('SXC61',1)}}
from -1
to 1
number 5
Q magnet: QDC74
from -1
to 1
number 8
next remem. save
GO READ

Display
BPM : Steering step :
SPC84 Fit

Result
When the beam is at the Q center :
BPM reading [mm]: -0.3842
error [mm]: .00707
Last BPM taken into account :
SP144
rel. curr. thresh. : .7
Fit Chk 1 Save

SPC84	-0.374	0.014	(0.106)
SP114	-0.408	0.011	(0.079)
SP124	-0.369	0.017	(0.093)
SP134	0.645	1.492	(0.100)
SP144	-0.357	0.018	(0.136)

File Edit Window



Progress Bar

11-18-2003 23:26:14 Help

Condition
BPM to be Calibrated :
SPC74

Direction :
Horizontal Vertical

Used Components :
BPM : SPC74
Steering : (('SXC61',1))
from -1
to 1
number 5
Q magnet: QFC74
from -1
to 1
number 8

next remem. save

GO READ

Display
BPM : Steering step :
SPC84 RT

Result
When the beam is at the Q center :
BPM reading [mm]: -0.1425
error [mm]: .00435

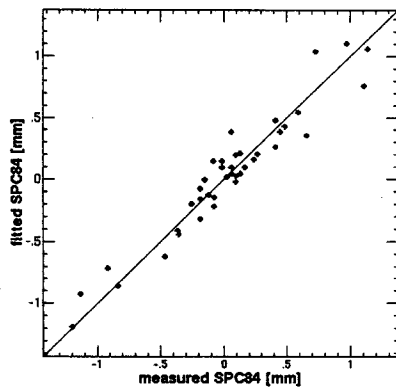
Last BPM taken into account :
SP144

rel. curr. thresh. : .7

RT Ok I Save

File Edit Window

residual = .153 mm



Hard Copy

11-18-2003 23:30:27 Help

Condition
BPM to be Calibrated :
SPC74

Direction :
Horizontal Vertical

Used Components :
BPM : SPC74
Steering : (('SXC61',1))
from -1
to 1
number 5
Q magnet: QFC74
from -1
to 1
number 8

next remem. save

GO READ

Display
BPM : Steering step :
SPC84 RT

Result
When the beam is at the Q center :
BPM reading [mm]: -0.1425
error [mm]: .00435

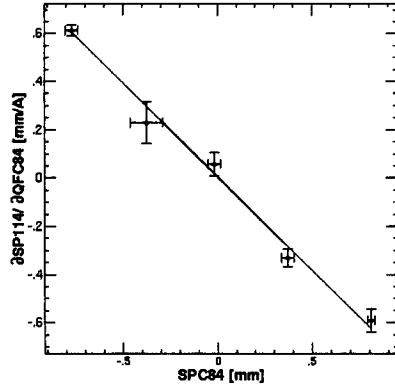
Last BPM taken into account :
SP144

rel. curr. thresh. : .7

RT Ok I Save

SPC84	0.029	0.009	(0.153)
SP114	-0.035	0.008	(0.154)
SP124	-0.058	0.008	(0.096)
SP134	-0.789	0.336	(0.105)
SP144	0.042	0.011	(0.175)

File Edit Window



Hard Copy

11/19/2003 09:02:04 Help

Condition
 BPM to be Calibrated :
 SPC84

Direction :
 Horizontal Vertical

Used Components :
 BPM : SPC84
 Steering : ((SXC71,1))
 from -1
 to 1
 number 5
 Q magnet: QFC84
 from -1
 to 1
 number 8

next remem. save
 GO READ

Display
 BPM : Steering step :
 SP114 RT

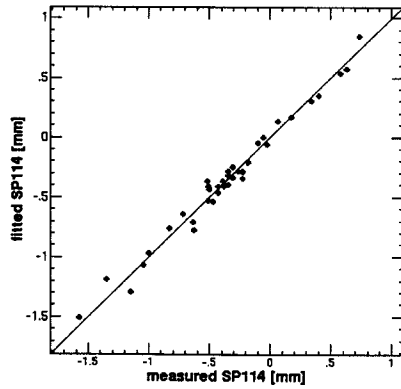
Result
 When the beam is at the Q center :
 BPM reading [mm]: .03797
 error [mm]: .00276

Last BPM taken into account :
 SP154
 rel. curr. thresh. : .7

RT Ok I Save

File Edit Window

residual = .076 mm



Hard Copy

11/19/2003 09:02:04 Help

Condition
 BPM to be Calibrated :
 SPC84

Direction :
 Horizontal Vertical

Used Components :
 BPM : SPC84
 Steering : ((SXC71,1))
 from -1
 to 1
 number 5
 Q magnet: QFC84
 from -1
 to 1
 number 8

next remem. save
 GO READ

Display
 BPM : Steering step :
 SP114 RT

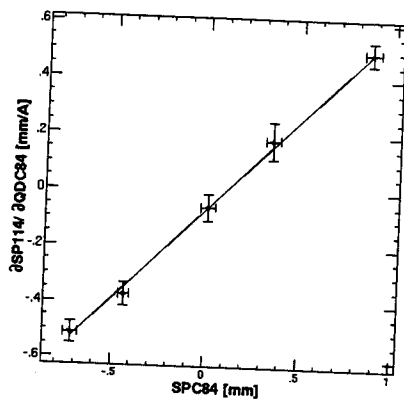
Result
 When the beam is at the Q center :
 BPM reading [mm]: .03797
 error [mm]: .00276

Last BPM taken into account :
 SP154
 rel. curr. thresh. : .7

RT Ok I Save

SP114	0.067	0.006	(0.076)
SP124	0.022	0.004	(0.092)
SP134	0.039	0.005	(0.096)
SP144	0.032	0.028	(0.123)
SP154	0.036	0.018	(0.176)

File Edit Window



11:10:20 2/2/2012 Help

Condition
BPM to be Calibrated :
SPC84

Direction :
Horizontal Vertical

Used Components :
BPM : SPC84
Steering : (('SXC71',1))
from -1
to 1
number 5
Q magnet: QDC84
from -1
to 1
number 8
next remem. save
GO READ

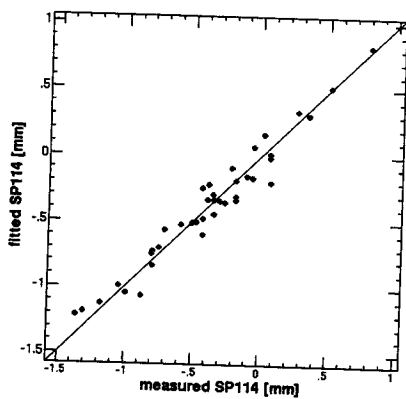
Display
BPM : Steering step :
SP114 R0

Result
When the beam is at the Q center :
BPM reading [mm]: .06578
error [mm]: .00393
Last BPM taken into account :
SP154
rel. curr. thresh. : .7
Rt Ok I Save

Hard Copy

File Edit Window

residual = .111 mm



11:10:20 2/2/2012 Help

Condition
BPM to be Calibrated :
SPC84

Direction :
Horizontal Vertical

Used Components :
BPM : SPC84
Steering : (('SXC71',1))
from -1
to 1
number 5
Q magnet: QDC84
from -1
to 1
number 8
next remem. save
GO READ

Display
BPM : Steering step :
SP114 R0

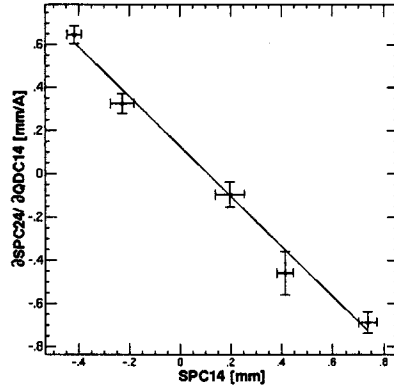
Result
When the beam is at the Q center :
BPM reading [mm]: .06578
error [mm]: .00393
Last BPM taken into account :
SP154
rel. curr. thresh. : .7
Rt Ok I Save

Hard Copy

SP114	0.053	0.010	(0.111)
SP124	0.082	0.006	(0.103)
SP134	0.073	0.007	(0.096)
SP144	0.108	0.041	(0.157)
SP154	-0.090	0.018	(0.163)

File Edit Window

11/19/2003 10:42:04 Help



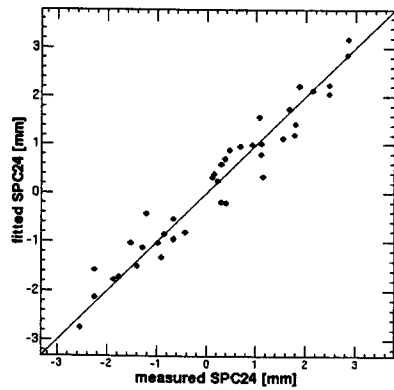
Condition
 BPM to be Calibrated :
 SPC14
 Direction :
 Horizontal \leftrightarrow Vertical
 Used Components :
 BPM : SPC14
 Steering : {{'SYC11',1}}
 from -1
 to 1
 number 5
 Q magnet: GDC14
 from -1
 to 1
 number 8
 next remem. save
 GO READ
 Display
 BPM : Steering step :
 SPC24 Fit
 Result
 When the beam is at the Q center :
 BPM reading [mm]: .17676
 error [mm]: .01388
 Last BPM taken into account :
 SPC24
 rel. curr. thresh. : .7
 Fit Ok I Save

Hard Copy

File Edit Window

11/19/2003 10:42:02 Help

residual = .385 mm

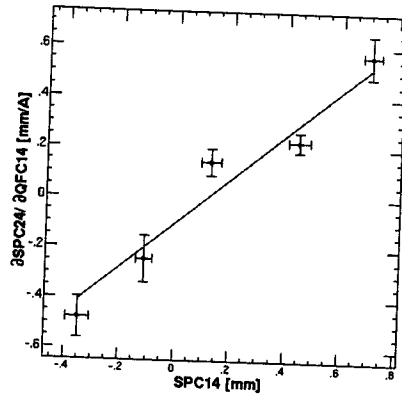


Condition
 BPM to be Calibrated :
 SPC14
 Direction :
 Horizontal \leftrightarrow Vertical
 Used Components :
 BPM : SPC14
 Steering : {{'SYC11',1}}
 from -1
 to 1
 number 5
 Q magnet: GDC14
 from -1
 to 1
 number 8
 next remem. save
 GO READ
 Display
 BPM : Steering step :
 SPC24 Fit
 Result
 When the beam is at the Q center :
 BPM reading [mm]: .17676
 error [mm]: .01388
 Last BPM taken into account :
 SPC24
 rel. curr. thresh. : .7
 Fit Ok I Save

Hard Copy

SPC24	0.188	0.027	(0.385)
SPC34	-4.412	22.600	(0.123)
SPC44	0.143	0.025	(0.402)
SPC54	0.215	0.036	(0.281)
SPC64	0.182	0.025	(0.398)

File Edit Window



Hard Copy

11-19-2002 12:54:11 Help

Condition
BPM to be Calibrated :
SPC14

Direction :
Horizontal Vertical

Used Components :
BPM : SPC14
Steering : ((SYC11*,1))
from -1
to 1
number 5
Q magnet: QFC14
from -1
to 1
number

next remem. save

GO READ

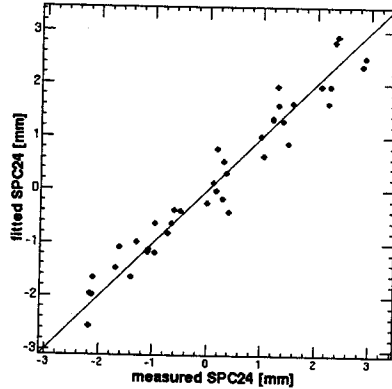
Display
BPM : Steering step :
SPC24 Rt

Result
When the beam is at the Q center :
BPM reading [mm]: .05279
error [mm]: .02431
Last BPM taken into account :
SPC54
rel. curr. thresh. : .7

Rt Chk I Save

File Edit Window

residual = .377 mm



Hard Copy

11-19-2002 12:54:54 Help

Condition
BPM to be Calibrated :
SPC14

Direction :
Horizontal Vertical

Used Components :
BPM : SPC14
Steering : ((SYC11*,1))
from -1
to 1
number 5
Q magnet: QFC14
from -1
to 1
number

next remem. save

GO READ

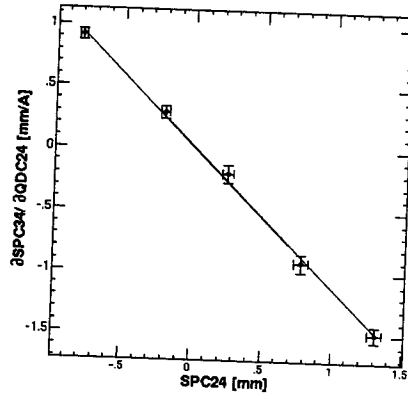
Display
BPM : Steering step :
SPC24 R10

Result
When the beam is at the Q center :
BPM reading [mm]: .05279
error [mm]: .02431
Last BPM taken into account :
SPC54
rel. curr. thresh. : .7

Rt Chk I Save

SPC24	-0.026	0.051	(0.377)
SPC34	0.323	0.077	(0.100)
SPC44	0.022	0.043	(0.347)
SPC54	-0.183	0.396	(0.284)
SPC64	0.058	0.042	(0.366)

File Edit Window



Hard Copy

11/19/2003 12:31:06 Help

Condition
BPM to be Calibrated :
SPC24

Direction :
Horizontal Vertical

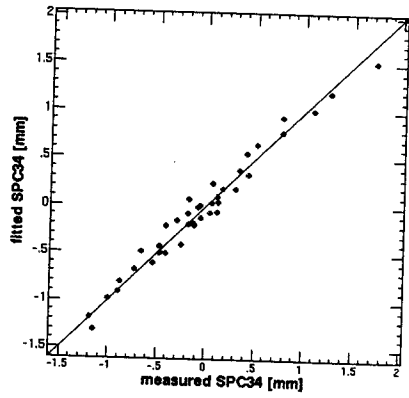
Used Components :
BPM : SPC24
Steering : ((SYC21,1))
from -2
to 2
number 5
Q magnet: GDC24
from -1
to 1
number
next remem. save
GO READ

Display
BPM : Steering step :
SPC34 Rt

Result
When the beam is at the G center :
BPM reading [mm]: -2.9506E-4
error [mm]: .00473
Last BPM taken into account :
SPC74
rel. curr. thresh. : .7
Rt Chk I Save

File Edit Window

residual = .119 mm



Hard Copy

11/19/2003 12:31:07 Help

Condition
BPM to be Calibrated :
SPC24

Direction :
Horizontal Vertical

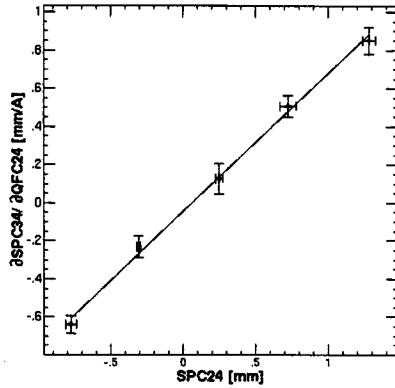
Used Components :
BPM : SPC24
Steering : ((SYC21,1))
from -2
to 2
number 5
Q magnet: GDC24
from -1
to 1
number
next remem. save
GO READ

Display
BPM : Steering step :
SPC34 Rt

Result
When the beam is at the G center :
BPM reading [mm]: -2.9506E-4
error [mm]: .00473
Last BPM taken into account :
SPC74
rel. curr. thresh. : .7
Rt Chk I Save

SPC34	-0.005	0.006	(0.119)
SPC44	-0.516	0.193	(0.150)
SPC54	-0.013	0.008	(0.142)
SPC64	-0.037	0.041	(0.130)
SPC74	0.065	0.014	(0.147)

File Edit Window

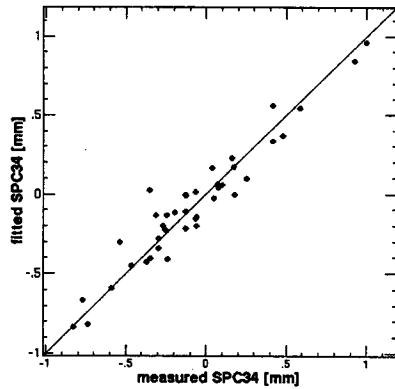


Hard Copy

Condition
 BPM to be Calibrated :
 SPC24
 Direction :
 Horizontal Vertical
 Used Components :
 BPM : SPC24
 Steering : ((SYC21,1))
 from -2
 to 2
 number 5
 Q magnet: QFC24
 from -1
 to 1
 number
 next remem. save
 GO READ
 Display
 BPM : Steering step :
 SPC34 R0
 Result
 When the beam is at the Q center :
 BPM reading [mm]: .02081
 error [mm]: .0086
 Last BPM taken into account :
 SPC74
 rel. curr. thresh. : .7
 R0 Ok I Save

File Edit Window

residual = .123 mm

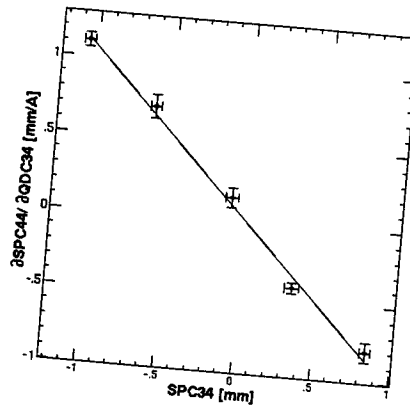


Hard Copy

Condition
 BPM to be Calibrated :
 SPC24
 Direction :
 Horizontal Vertical
 Used Components :
 BPM : SPC24
 Steering : ((SYC21,1))
 from -2
 to 2
 number 5
 Q magnet: QFC24
 from -1
 to 1
 number
 next remem. save
 GO READ
 Display
 BPM : Steering step :
 SPC34 R0
 Result
 When the beam is at the Q center :
 BPM reading [mm]: .02081
 error [mm]: .0086
 Last BPM taken into account :
 SPC74
 rel. curr. thresh. : .7
 R0 Ok I Save

SPC34	0.067	0.012 (0.123)
SPC44	0.184	0.166 (0.135)
SPC54	-0.006	0.014 (0.139)
SPC64	0.092	0.057 (0.141)
SPC74	-0.170	0.029 (0.174)

File Edit Window



Hard Copy

Condition 11/19/2003 11:07:11 Help

BPM to be Calibrated : SPC34

Direction : Horizontal Vertical

Used Components :

BPM : SPC34

Steering : {{'SYC31',1}}

from to number

Q magnet: QDC34

from to number

next remem. save

GO READ

Display

BPM : SPC44 Steering step : Rt

Result

When the beam is at the Q center :

BPM reading [mm]: .01436

error [mm]: .00447

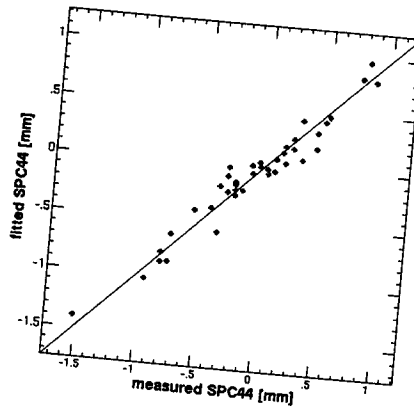
Last BPM taken into account : SPC34

rel. curr. thresh. : .7

Rt Chk I Save

File Edit Window

residual = .122 mm



Hard Copy

Condition 11/19/2003 11:08:31 Help

BPM to be Calibrated : SPC34

Direction : Horizontal Vertical

Used Components :

BPM : SPC34

Steering : {{'SYC31',1}}

from to number

Q magnet: QDC34

from to number

next remem. save

GO READ

Display

BPM : SPC44 Steering step : Rt

Result

When the beam is at the Q center :

BPM reading [mm]: .01436

error [mm]: .00447

Last BPM taken into account : SPC34

rel. curr. thresh. : .7

Rt Chk I Save

SPC44	-0.005	0.008	(0.122)
SPC54	0.060	0.018	(0.170)
SPC64	0.027	0.009	(0.148)
SPC74	0.017	0.009	(0.147)
SPC84	0.009	0.018	(0.150)