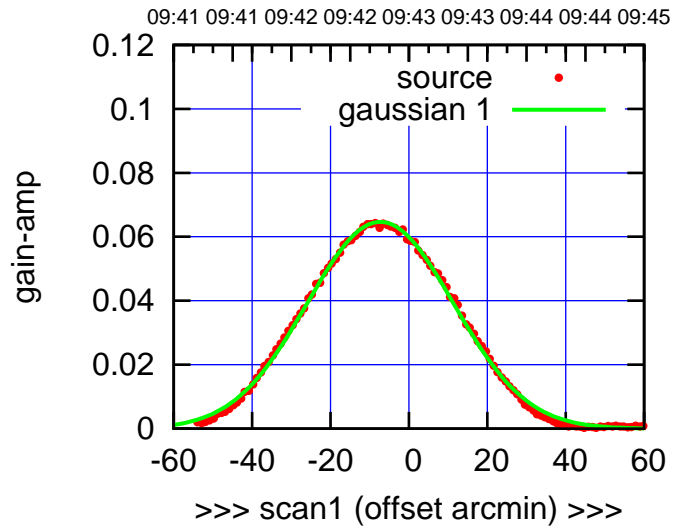
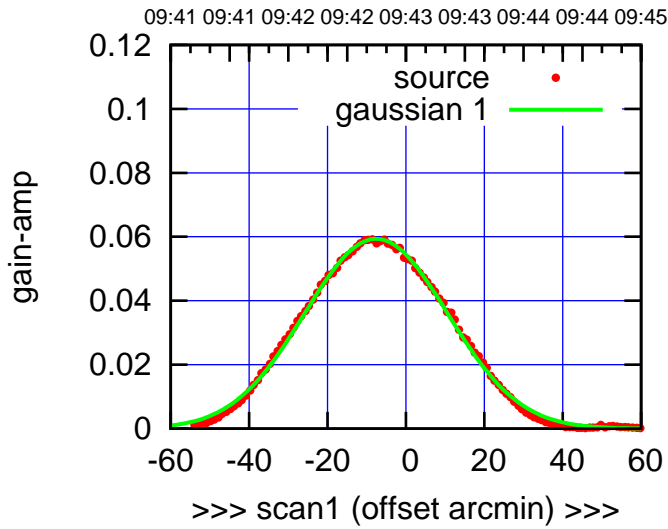


C00-130-EL OFF= -7.6' ( 43.0')

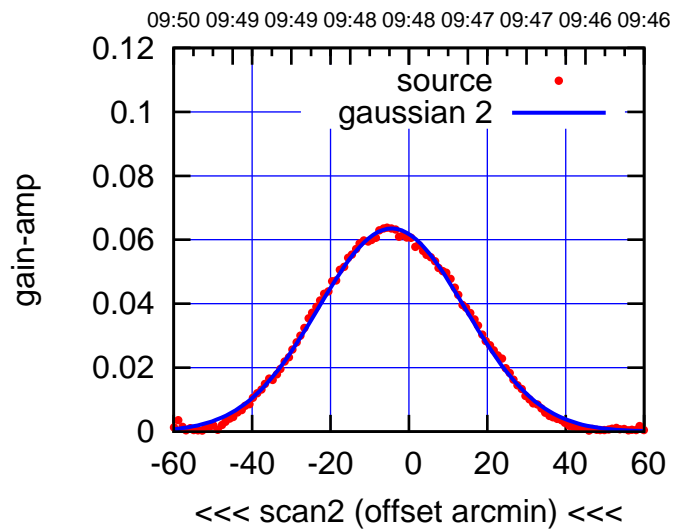
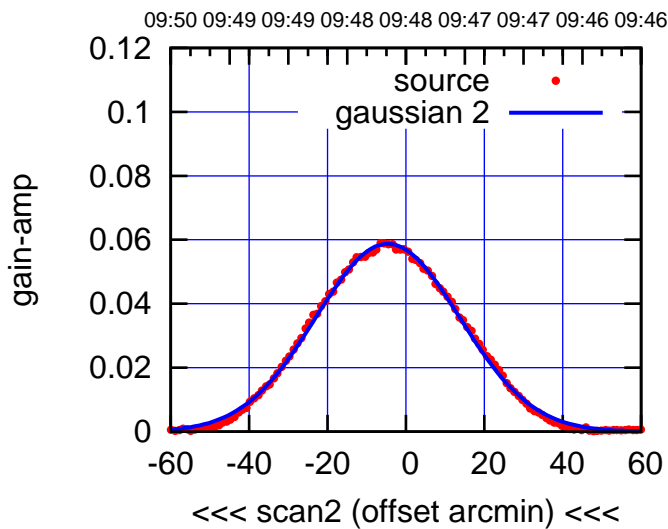
C00-175-EL OFF= -7.3' ( 43.9')



(+30'/m) 18Nov2016 09:43:00

C00-130-EL OFF= -4.6' ( 43.3')

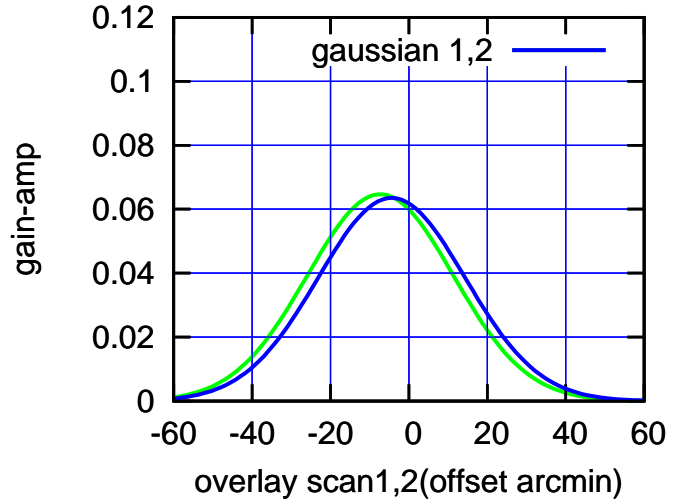
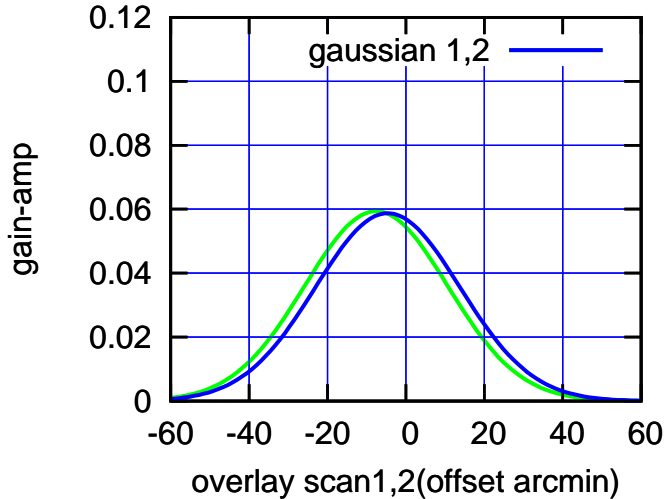
C00-175-EL OFF= -4.4' ( 44.2')



(-30'/m) 18Nov2016 09:48:00

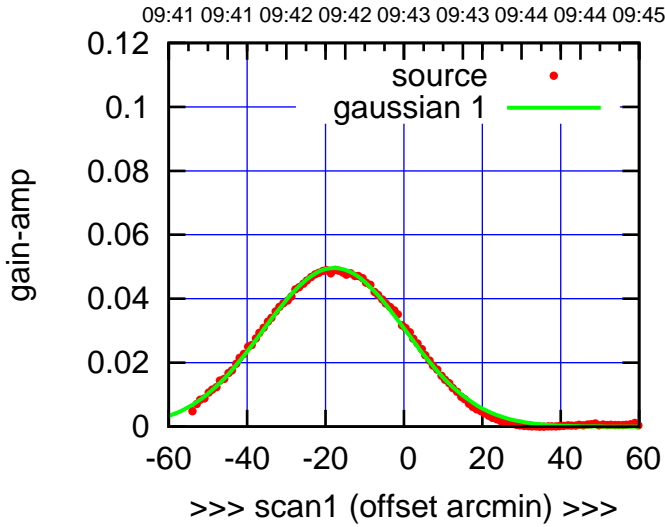
BACKLASH ERROR= 3.0'

BACKLASH ERROR= 2.9'

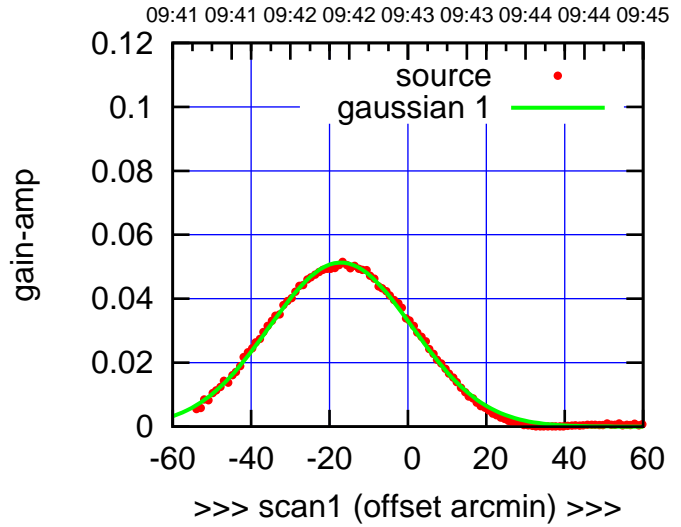


(591 MHz.)

C01-130-EL OFF= -17.8' ( 42.8')

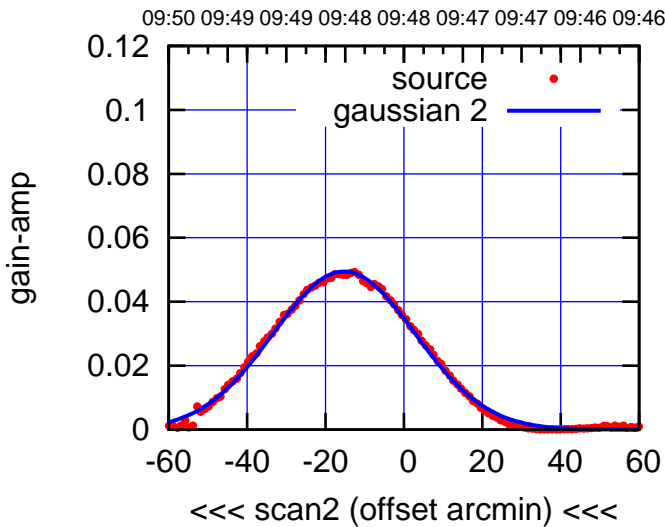


C01-175-EL OFF= -17.1' ( 43.0')

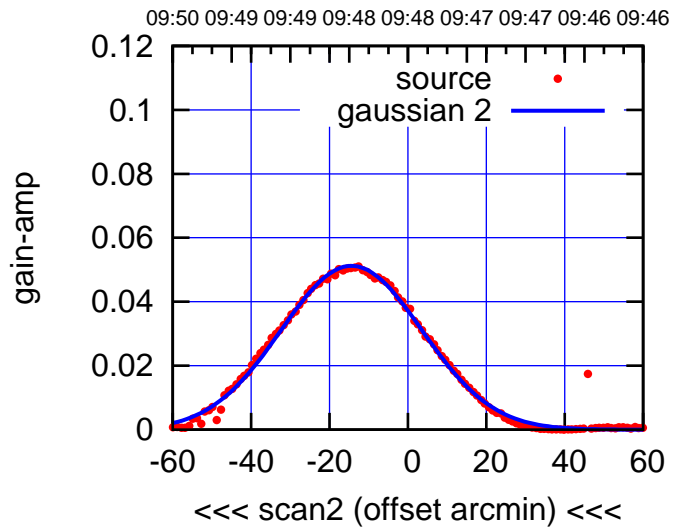


(+30'/m) 18Nov2016 09:43:00

C01-130-EL OFF= -15.3' ( 42.7')

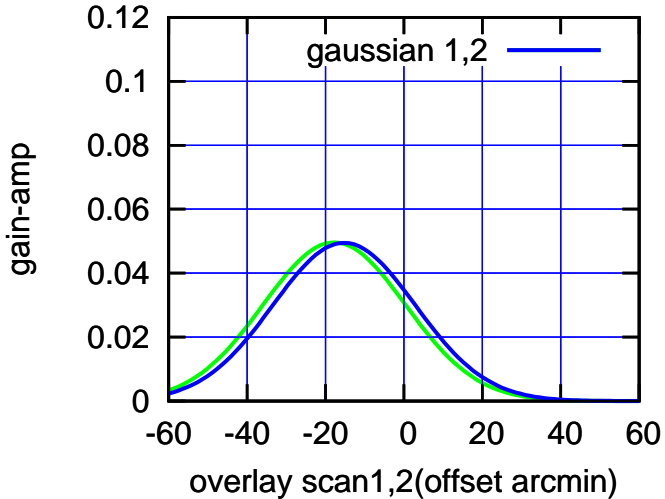


C01-175-EL OFF= -14.4' ( 42.4')

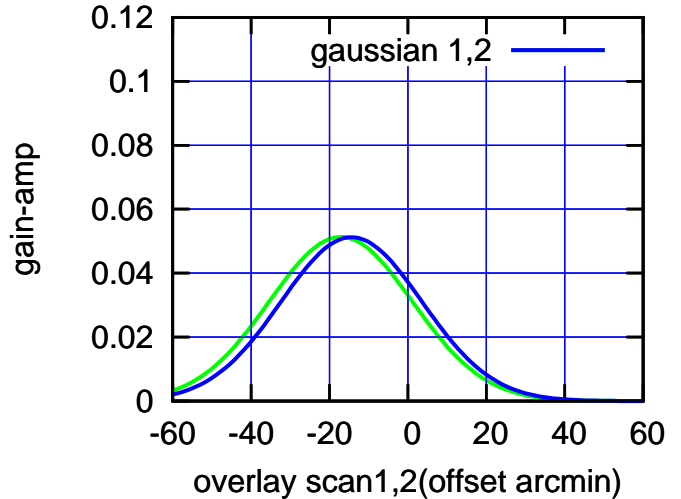


(-30'/m) 18Nov2016 09:48:00

BACKLASH ERROR= 2.5'



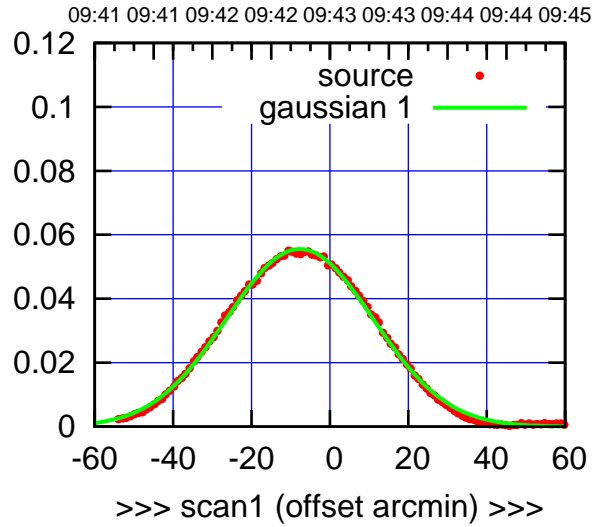
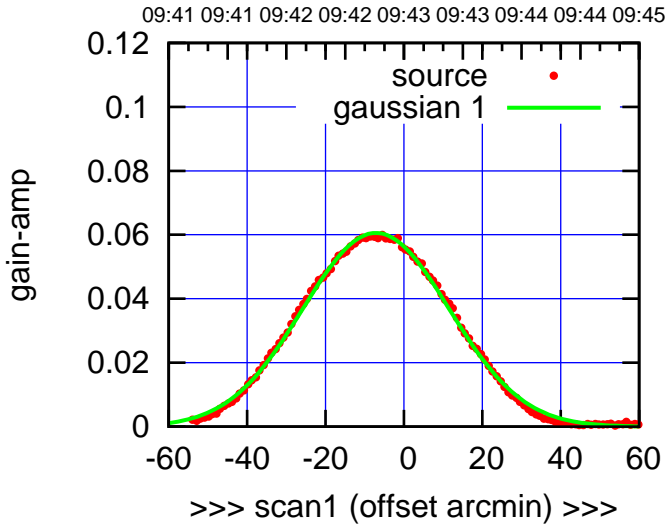
BACKLASH ERROR= 2.7'



(591 MHz.)

C02-130-EL OFF= -7.1' ( 44.1')

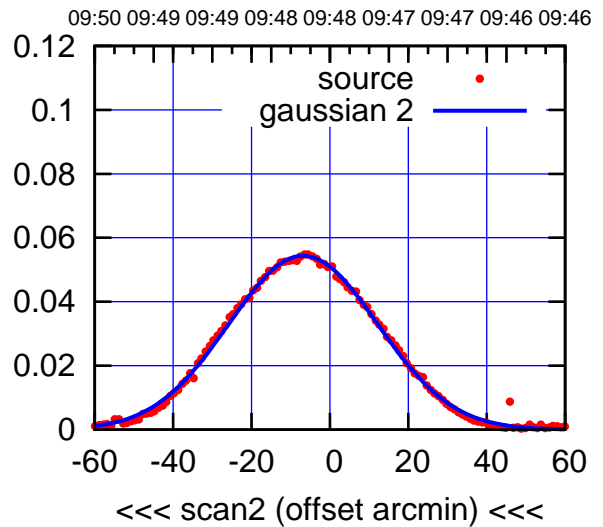
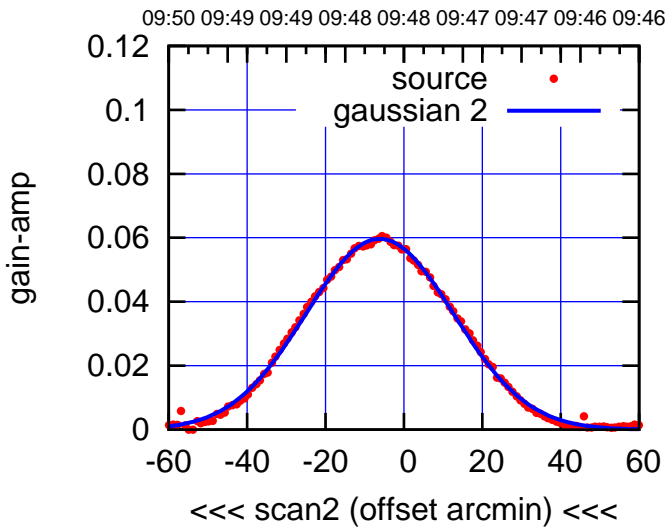
C02-175-EL OFF= -7.7' ( 44.1')



(+30'/m) 18Nov2016 09:43:00

C02-130-EL OFF= -6.2' ( 44.4')

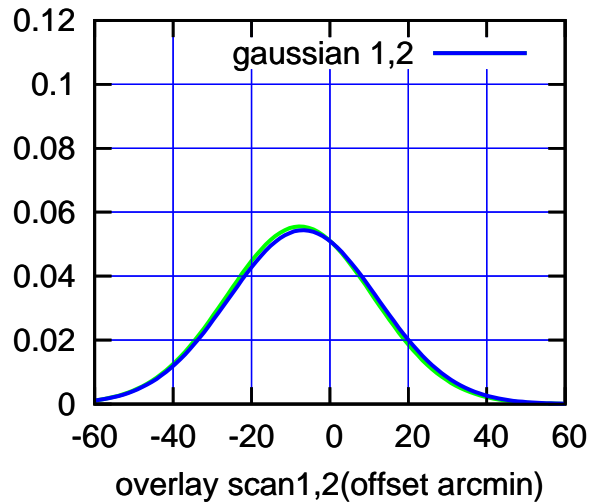
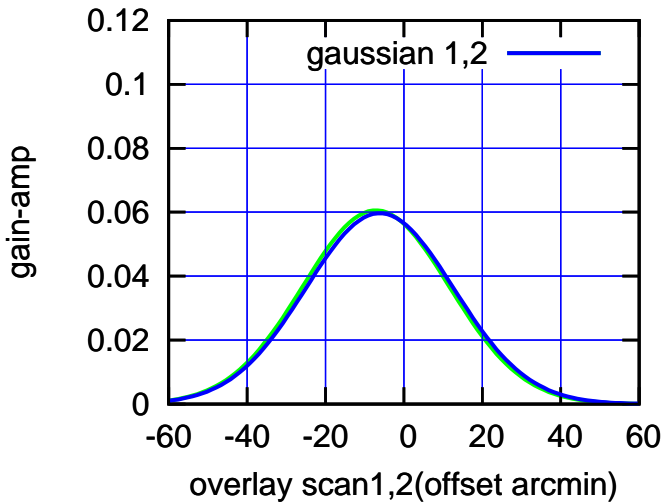
C02-175-EL OFF= -6.8' ( 44.8')



(-30'/m) 18Nov2016 09:48:00

BACKLASH ERROR= 0.9'

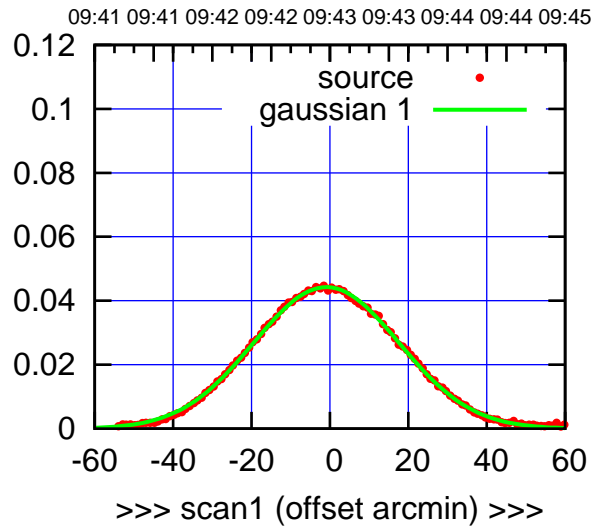
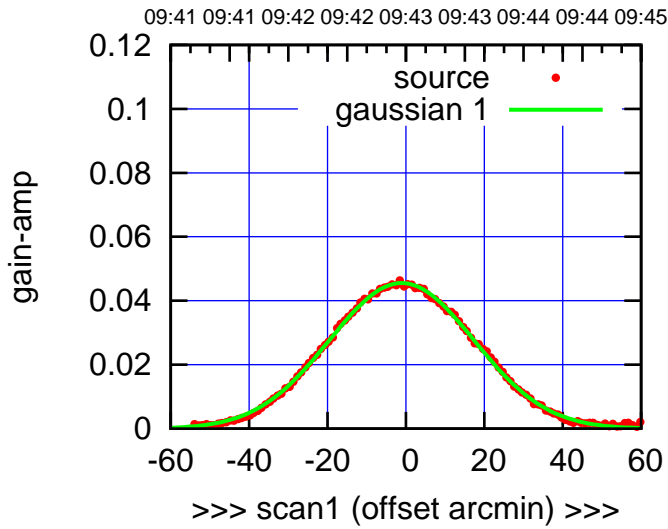
BACKLASH ERROR= 0.9'



(591 MHz.)

C03-130-EL OFF= -1.1' ( 43.5')

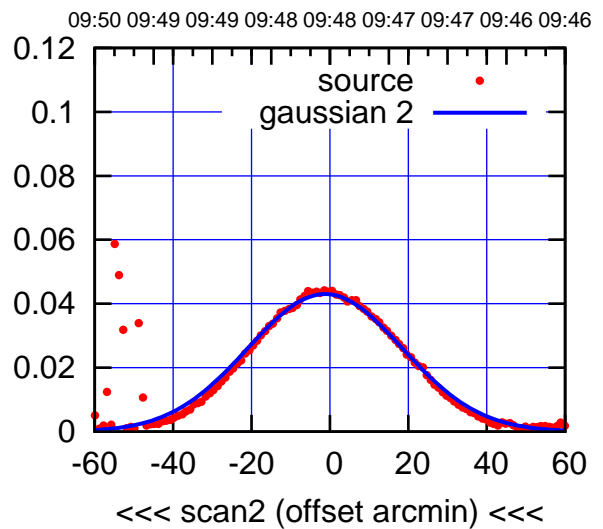
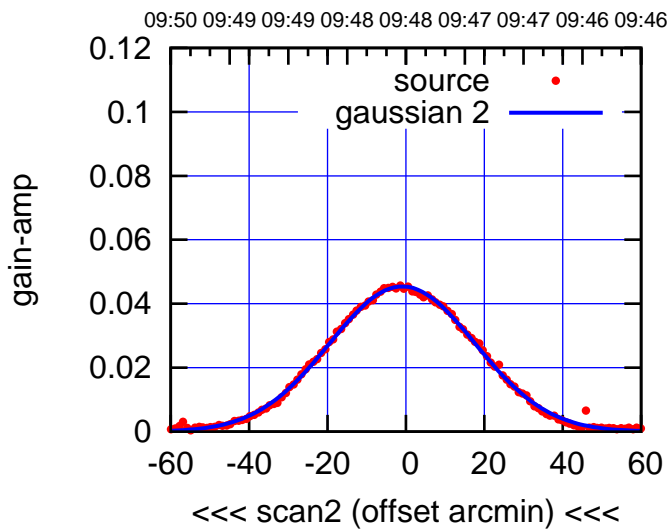
C03-175-EL OFF= -0.9' ( 43.7')



(+30'/m) 18Nov2016 09:43:00

C03-130-EL OFF= -0.9' ( 43.8')

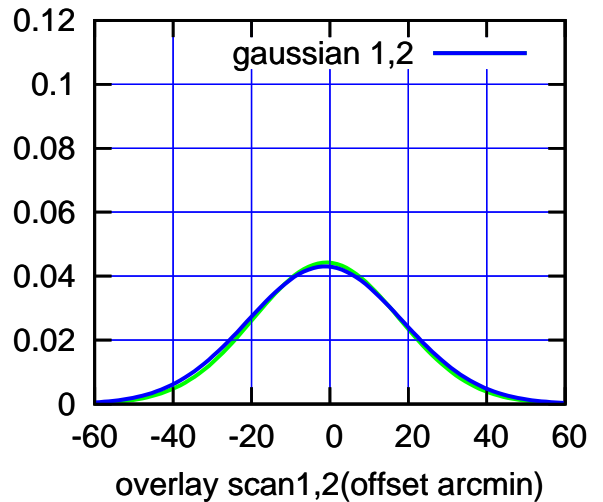
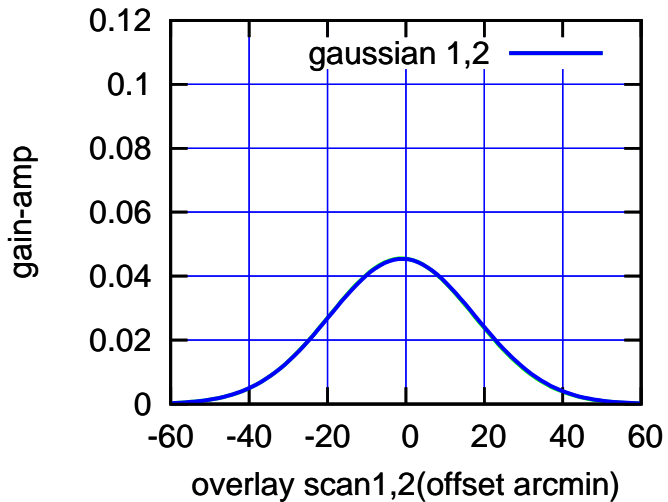
C03-175-EL OFF= -1.2' ( 46.4')



(-30'/m) 18Nov2016 09:48:00

BACKLASH ERROR= 0.2'

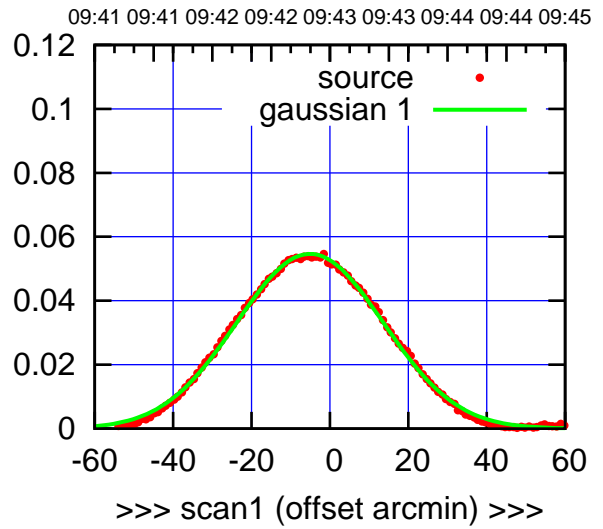
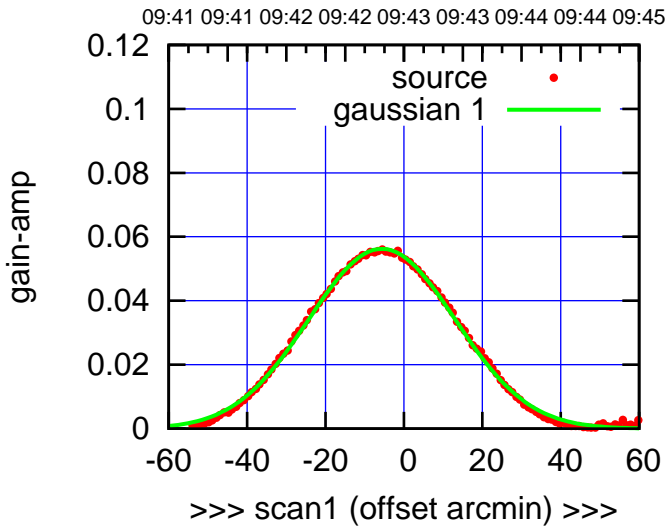
BACKLASH ERROR= 0.3'



(591 MHz.)

C04-130-EL OFF= -5.6' ( 44.0')

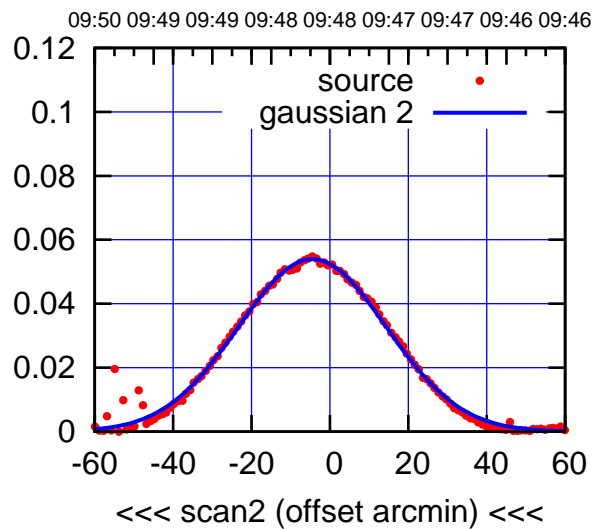
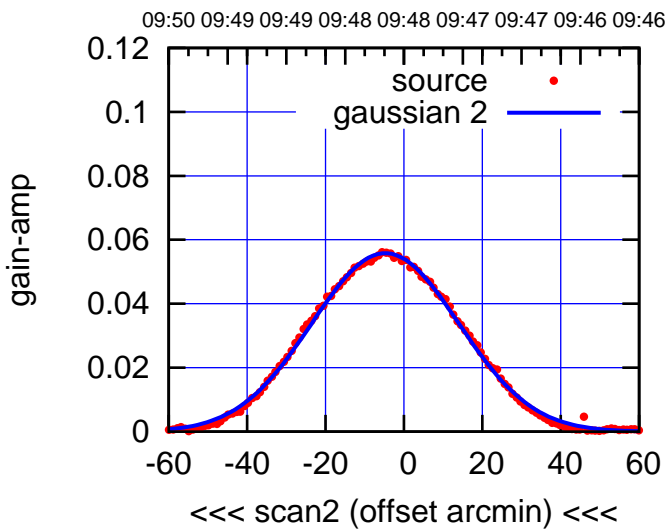
C04-175-EL OFF= -5.1' ( 44.1')



(+30'/m) 18Nov2016 09:43:00

C04-130-EL OFF= -4.8' ( 44.2')

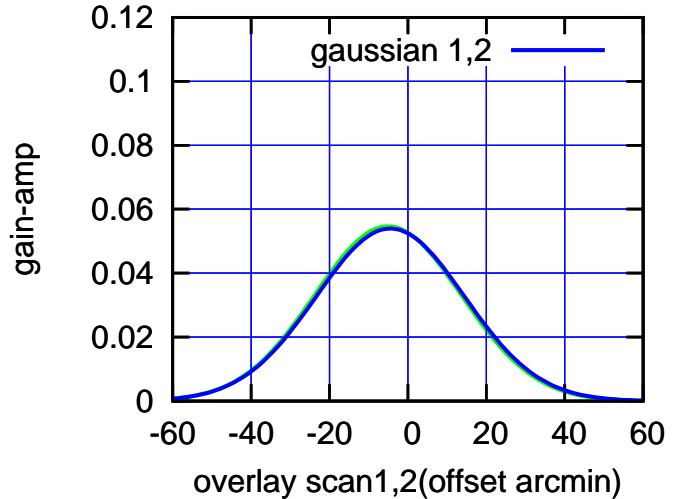
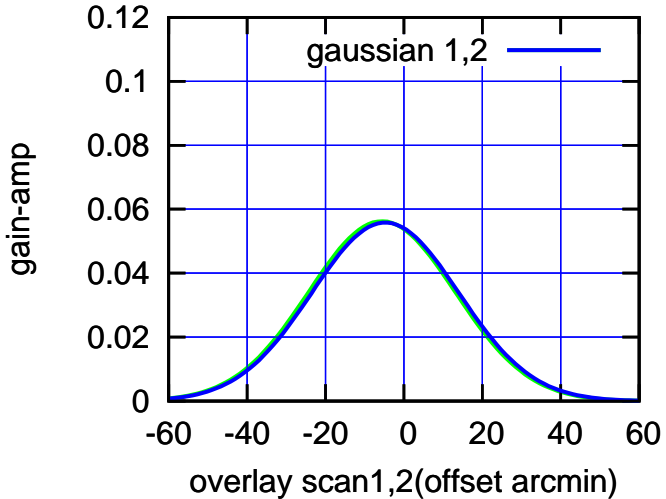
C04-175-EL OFF= -4.5' ( 44.5')



(-30'/m) 18Nov2016 09:48:00

BACKLASH ERROR= 0.8'

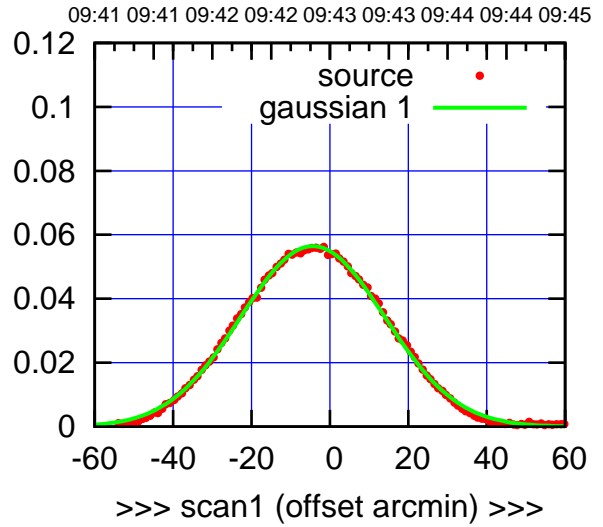
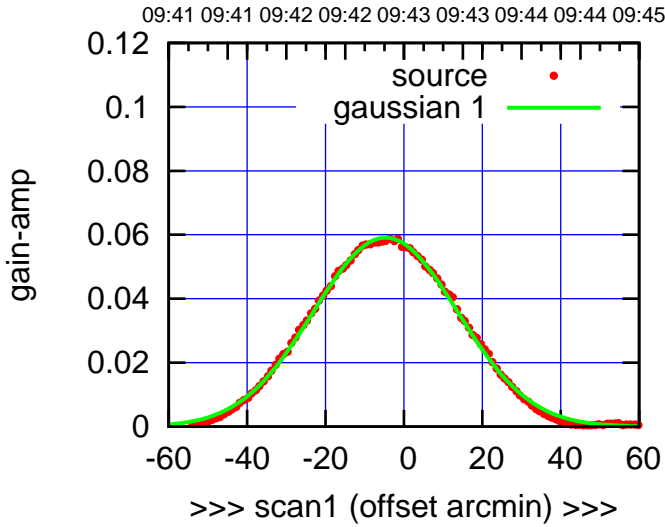
BACKLASH ERROR= 0.6'



(591 MHz.)

C05-130-EL OFF= -4.7' ( 43.4')

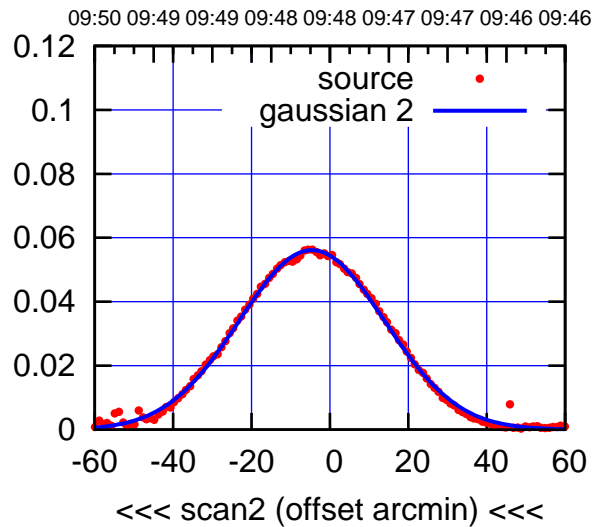
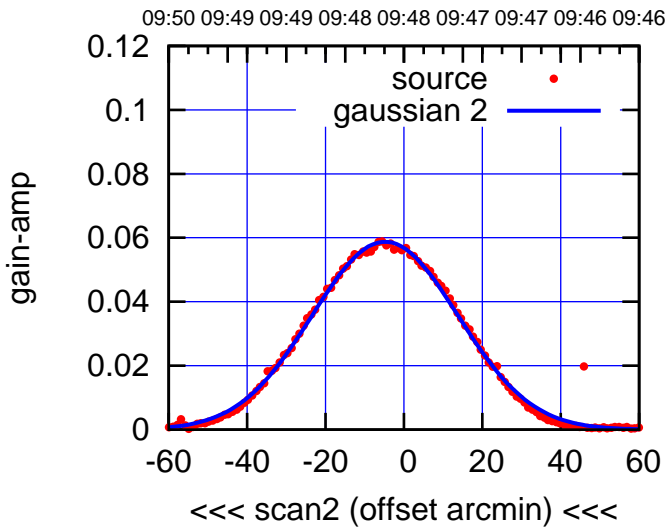
C05-175-EL OFF= -4.4' ( 43.3')



(+30'/m) 18Nov2016 09:43:00

C05-130-EL OFF= -4.8' ( 43.9')

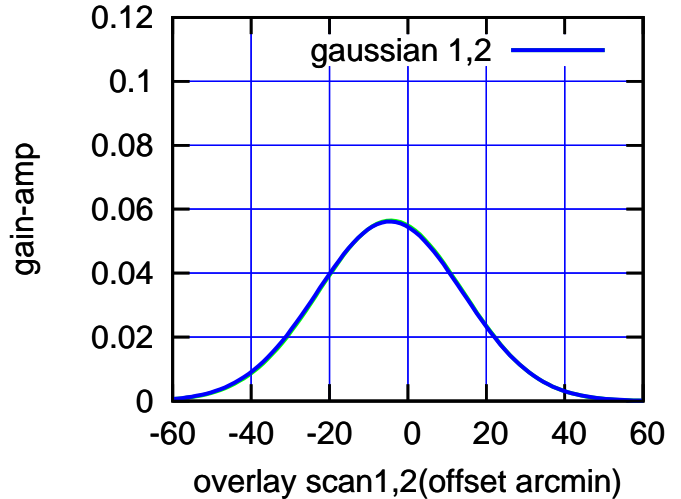
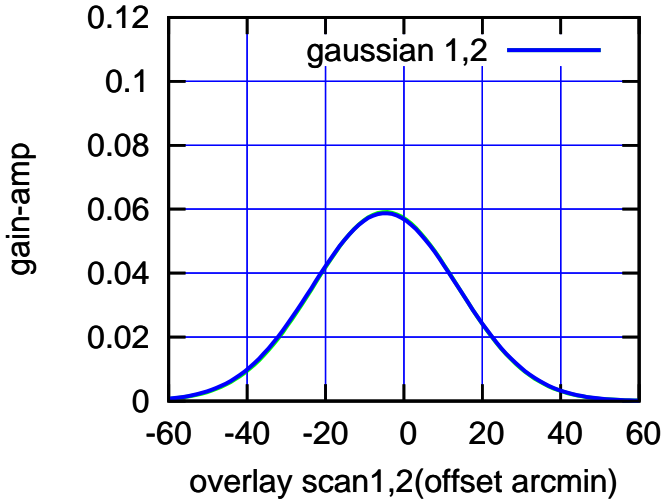
C05-175-EL OFF= -4.6' ( 43.7')



(-30'/m) 18Nov2016 09:48:00

BACKLASH ERROR= 0.1'

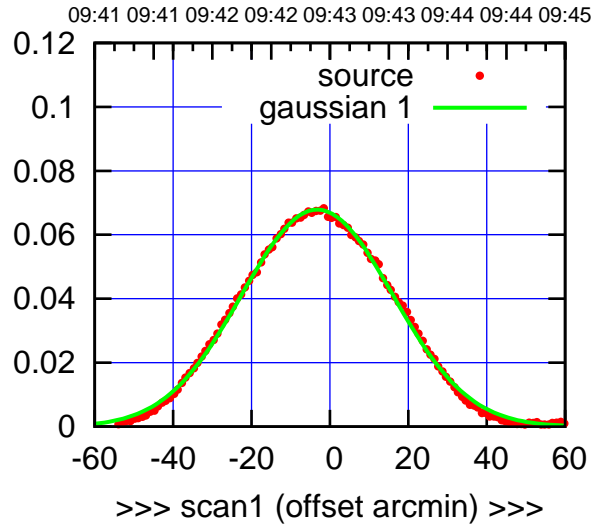
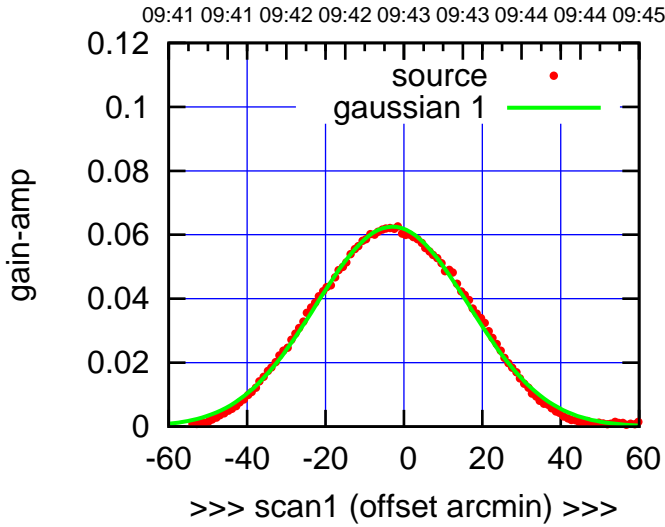
BACKLASH ERROR= 0.2'



(591 MHz.)

C06-130-EL OFF= -3.0' ( 46.0')

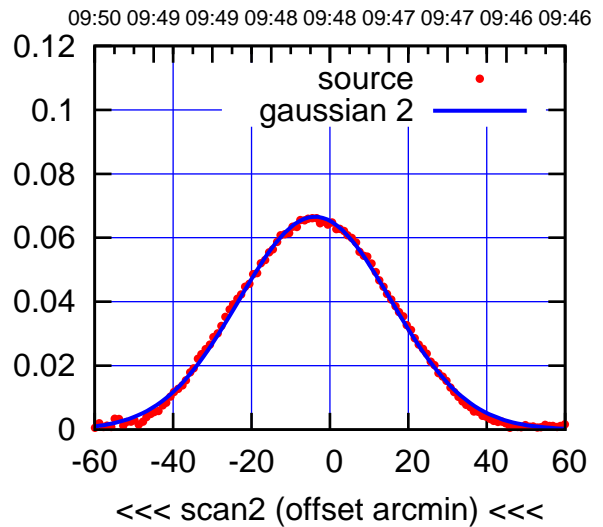
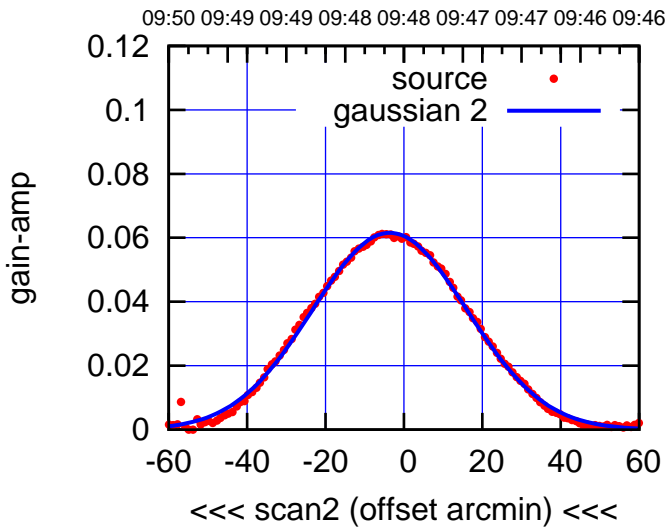
C06-175-EL OFF= -3.2' ( 45.5')



(+30'/m) 18Nov2016 09:43:00

C06-130-EL OFF= -3.6' ( 46.5')

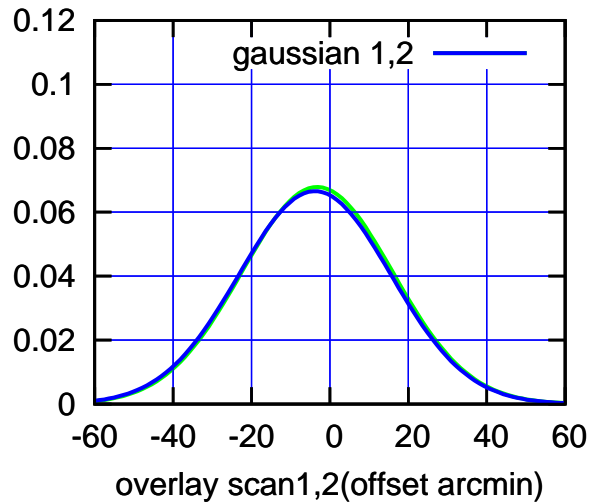
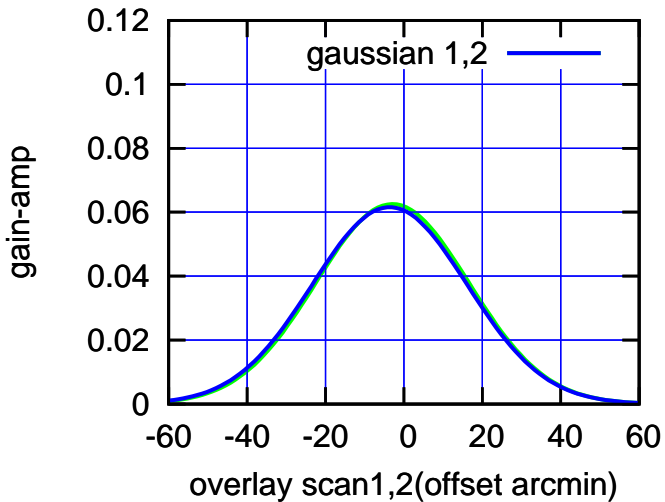
C06-175-EL OFF= -3.8' ( 45.8')



(-30'/m) 18Nov2016 09:48:00

BACKLASH ERROR= 0.6'

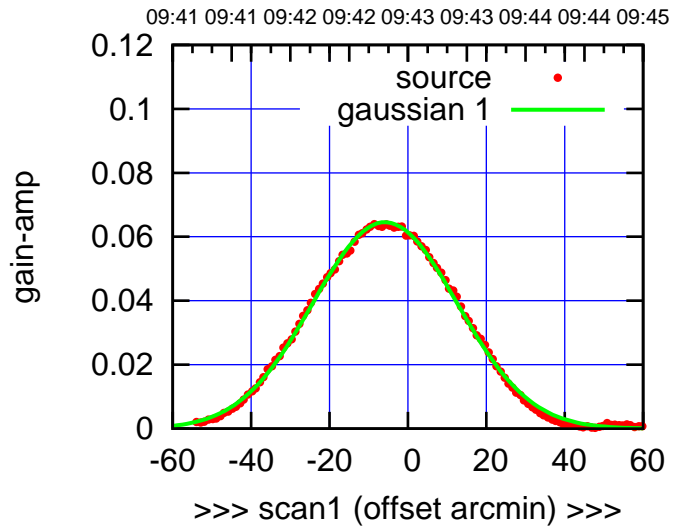
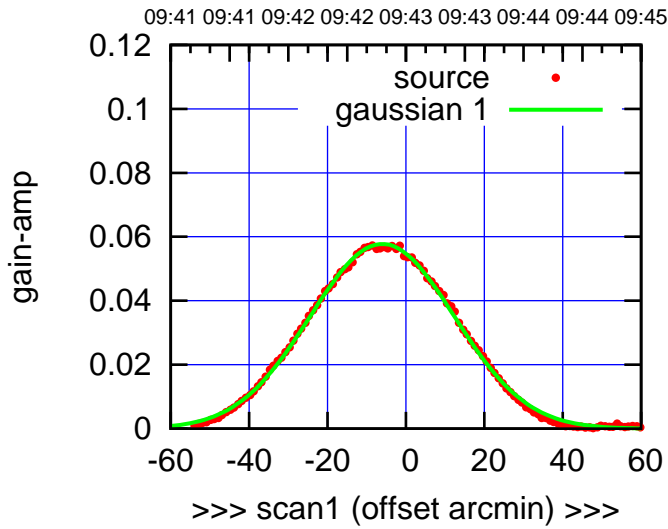
BACKLASH ERROR= 0.6'



(591 MHz.)

C08-130-EL OFF= -6.0' ( 43.4')

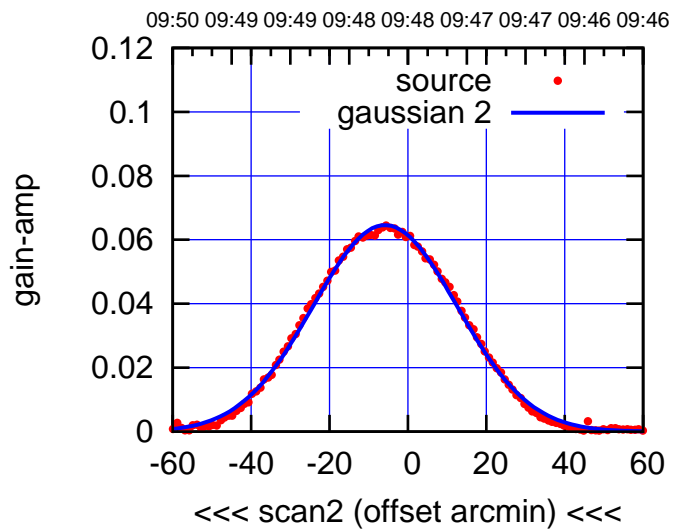
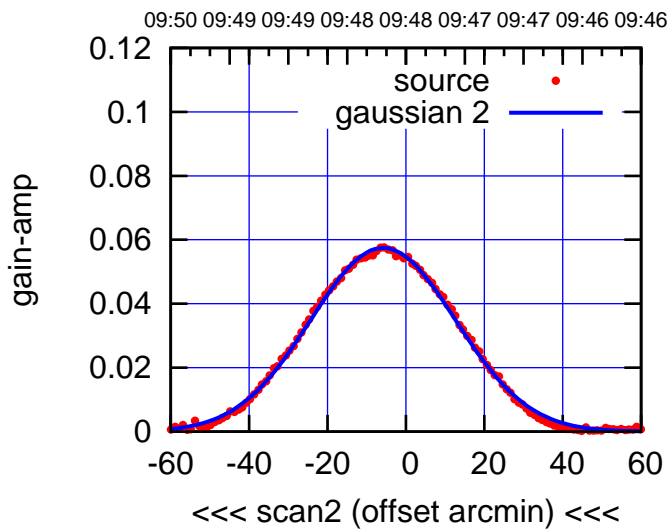
C08-175-EL OFF= -5.9' ( 43.5')



(+30'/m) 18Nov2016 09:43:00

C08-130-EL OFF= -5.8' ( 43.6')

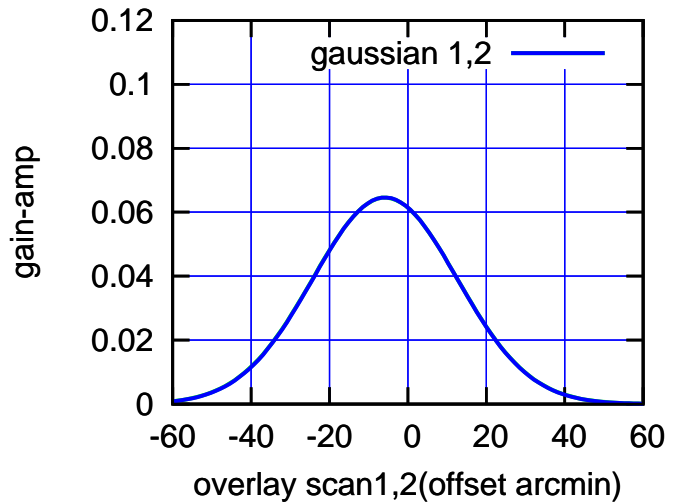
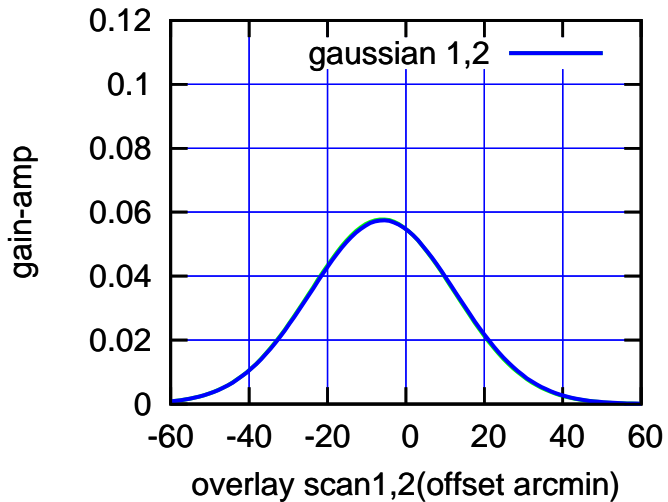
C08-175-EL OFF= -5.8' ( 43.4')



(-30'/m) 18Nov2016 09:48:00

BACKLASH ERROR= 0.2'

BACKLASH ERROR= 0.1'

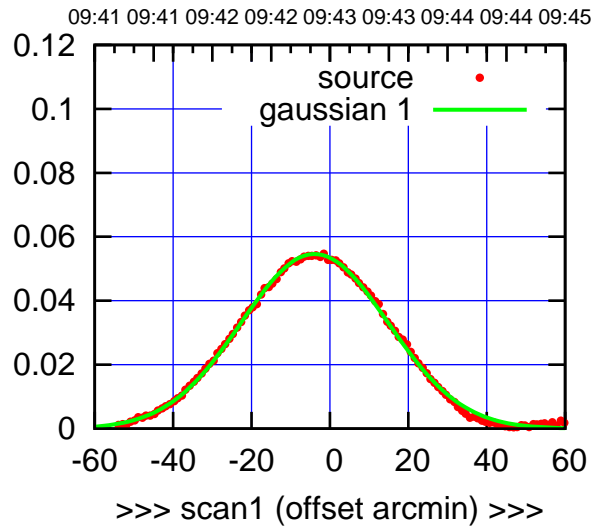
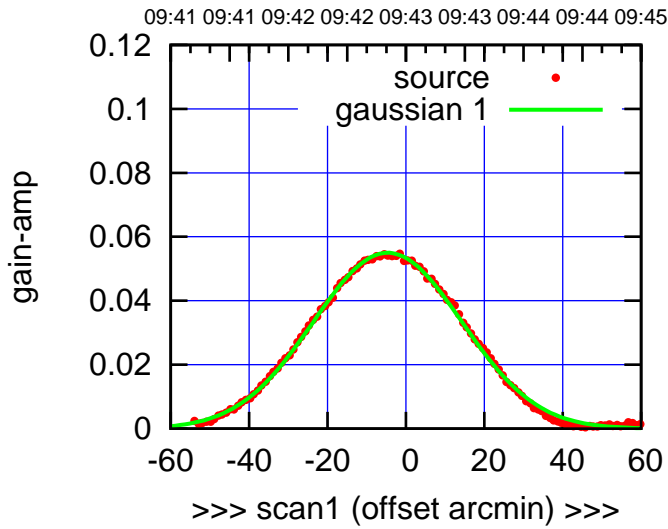


(591 MHz.)



C09-130-EL OFF= -4.7' ( 44.7')

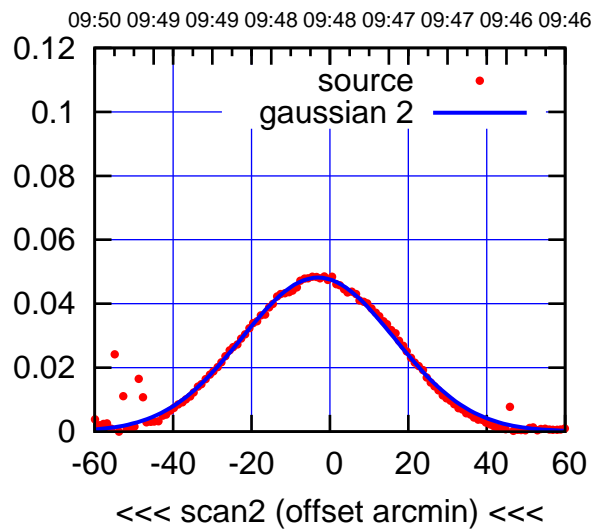
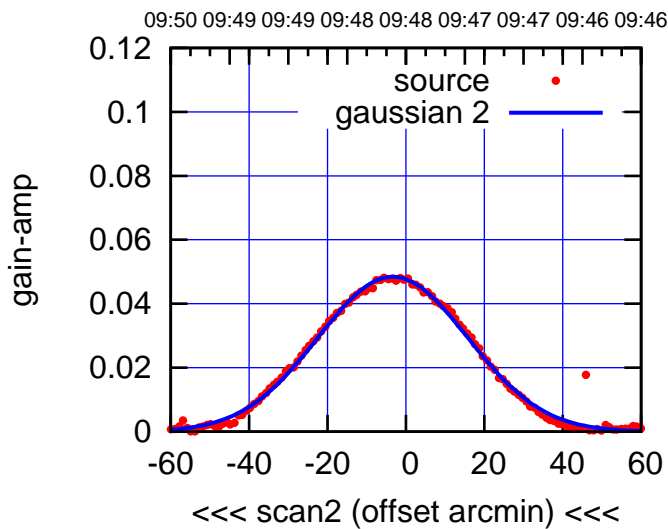
C09-175-EL OFF= -3.9' ( 44.1')



(+30'/m) 18Nov2016 09:43:00

C09-130-EL OFF= -3.3' ( 45.1')

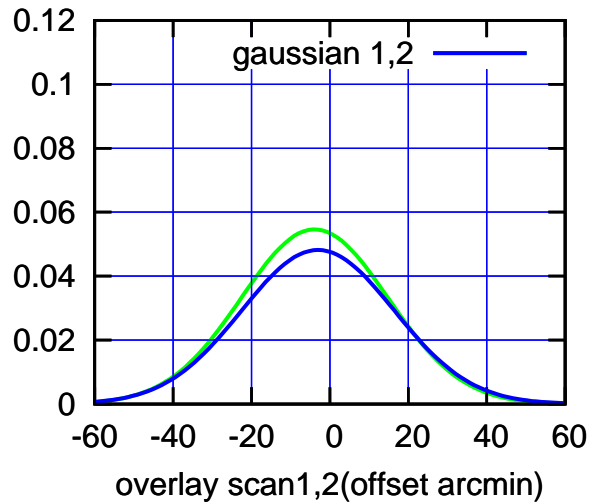
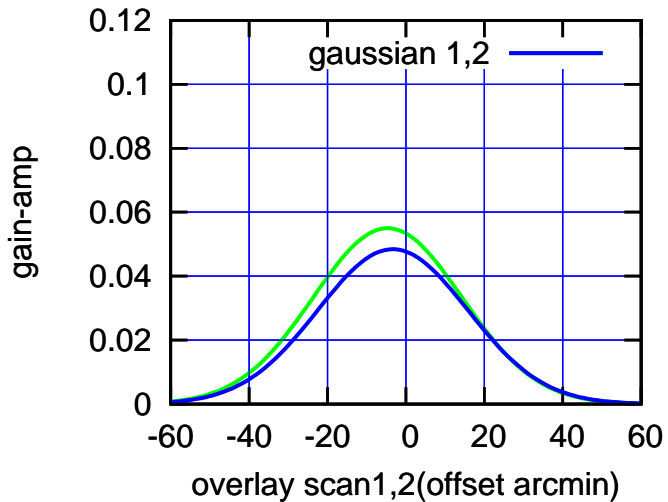
C09-175-EL OFF= -3.1' ( 45.9')



(-30'/m) 18Nov2016 09:48:00

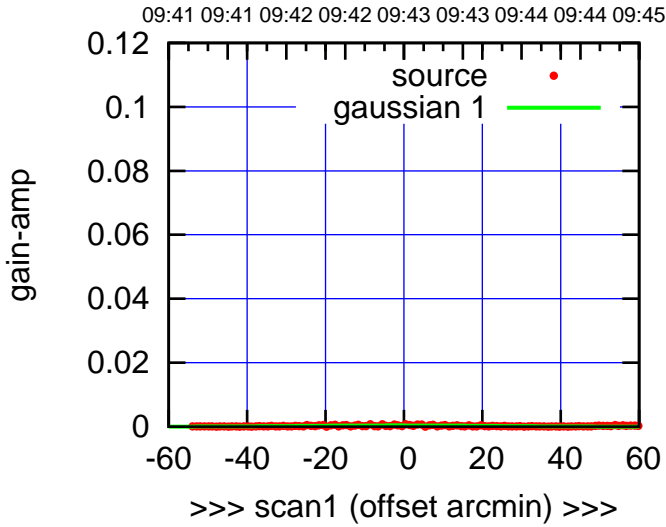
BACKLASH ERROR= 1.4'

BACKLASH ERROR= 0.8'

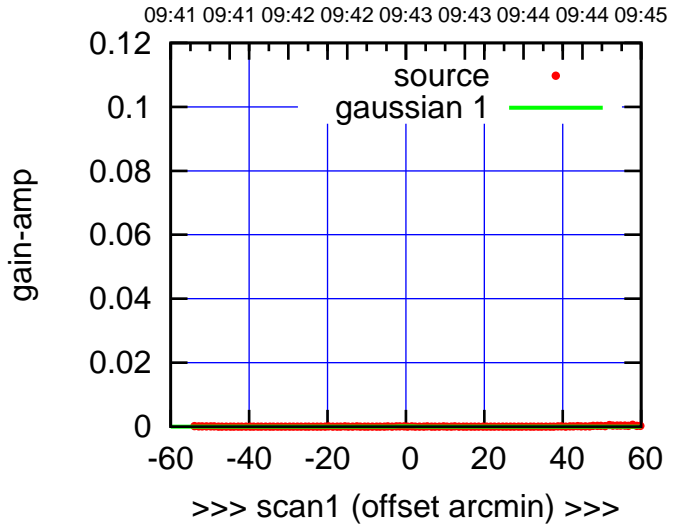


(591 MHz.)

C10-130-EL OFF= 0.0' ( 56.9')

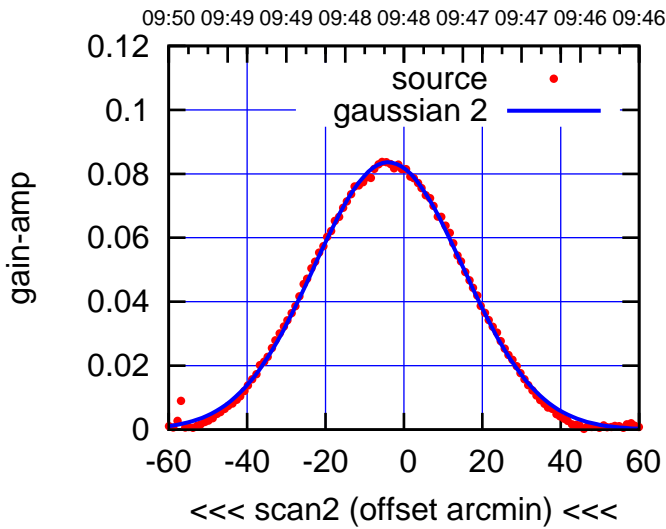


C10-175-EL OFF= 0.0' ( 42.4')

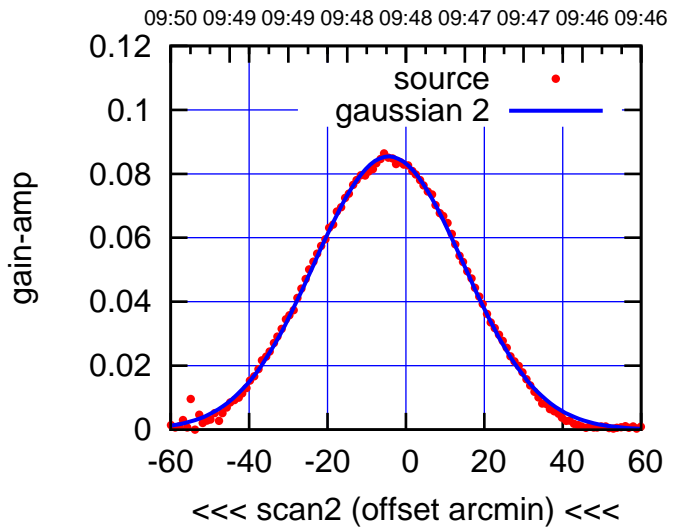


(+30'/m) 18Nov2016 09:43:00

C10-130-EL OFF= -4.0' ( 44.9')

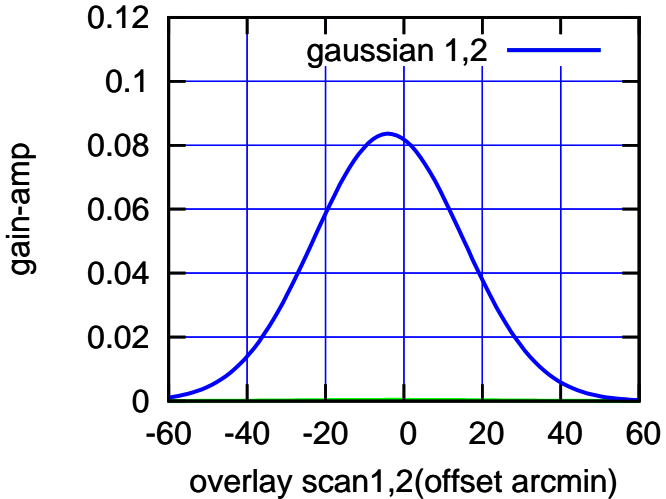


C10-175-EL OFF= -4.4' ( 44.9')

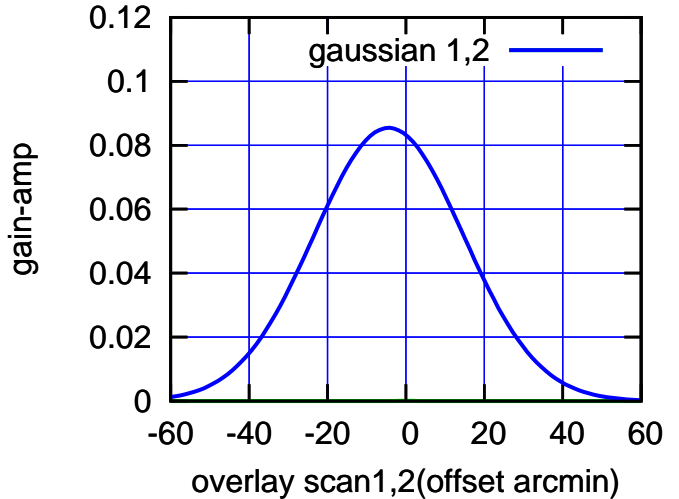


(-30'/m) 18Nov2016 09:48:00

BACKLASH ERROR= 4.0'

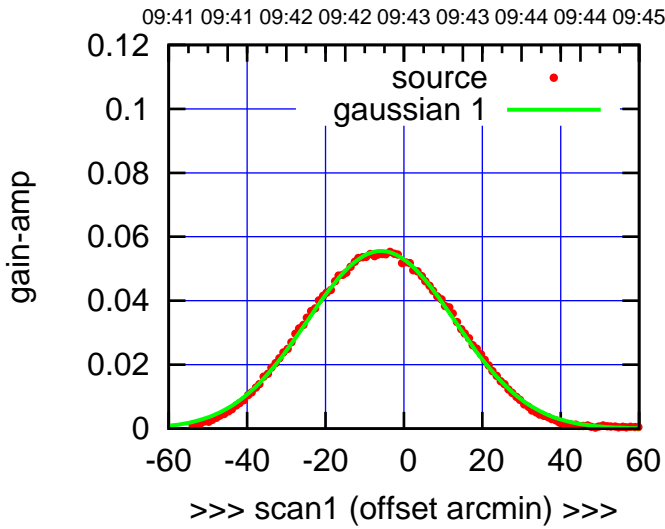


BACKLASH ERROR= 4.4'

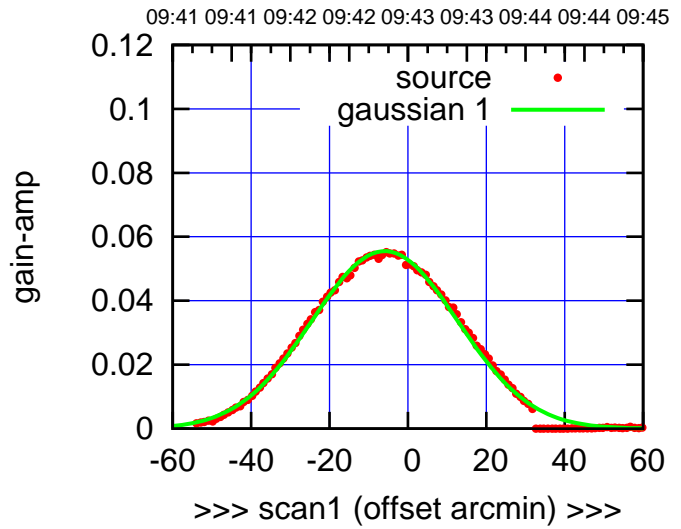


(591 MHz.)

C11-130-EL OFF= -5.8' ( 44.3')

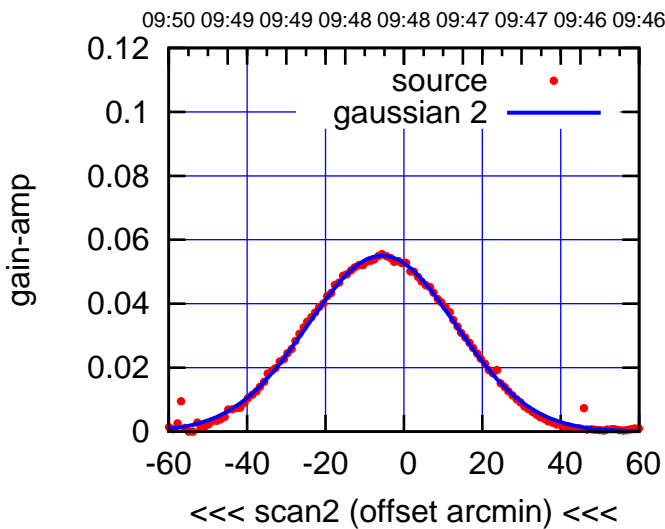


C11-175-EL OFF= -5.9' ( 43.8')

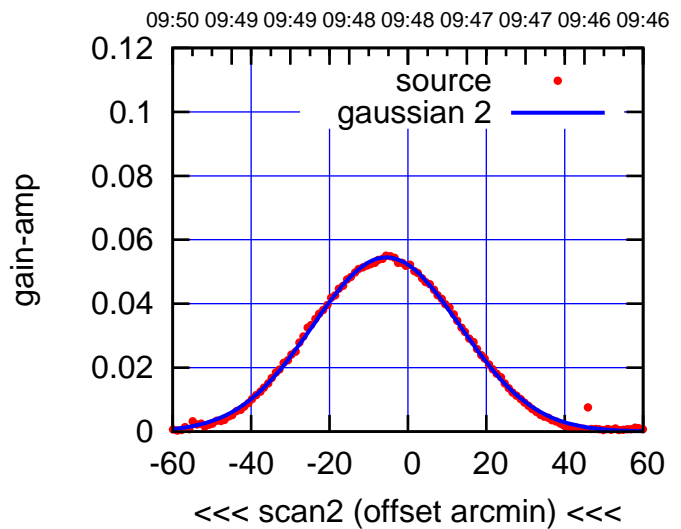


(+30'/m) 18Nov2016 09:43:00

C11-130-EL OFF= -5.6' ( 44.5')

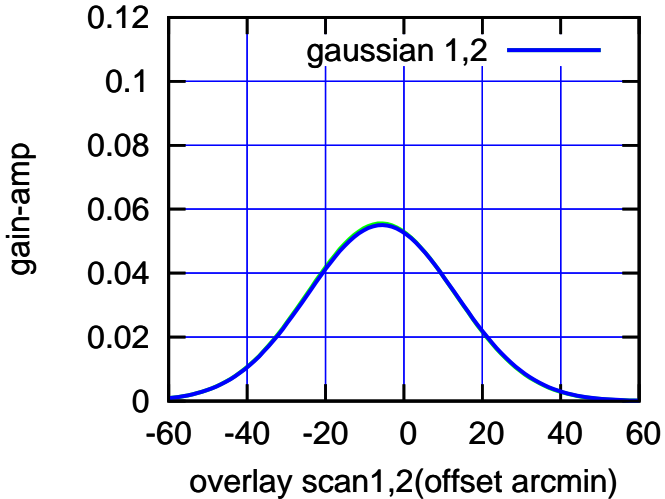


C11-175-EL OFF= -5.5' ( 44.3')

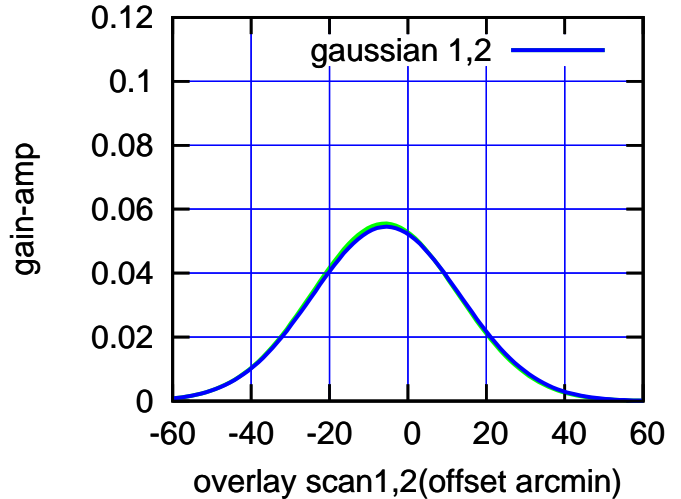


(-30'/m) 18Nov2016 09:48:00

BACKLASH ERROR= 0.2'



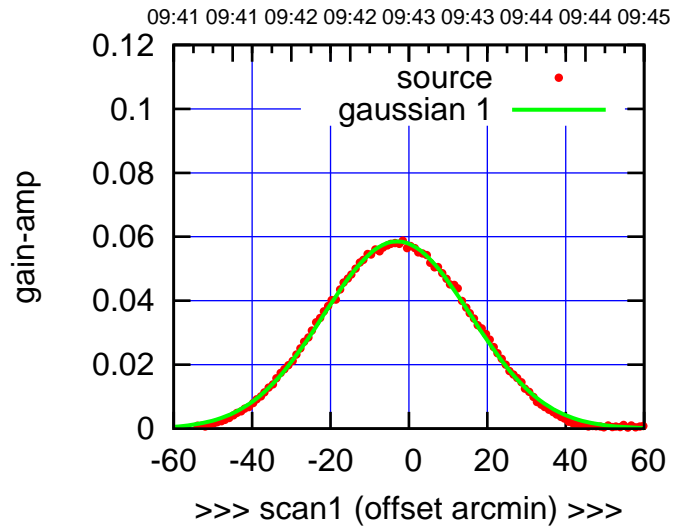
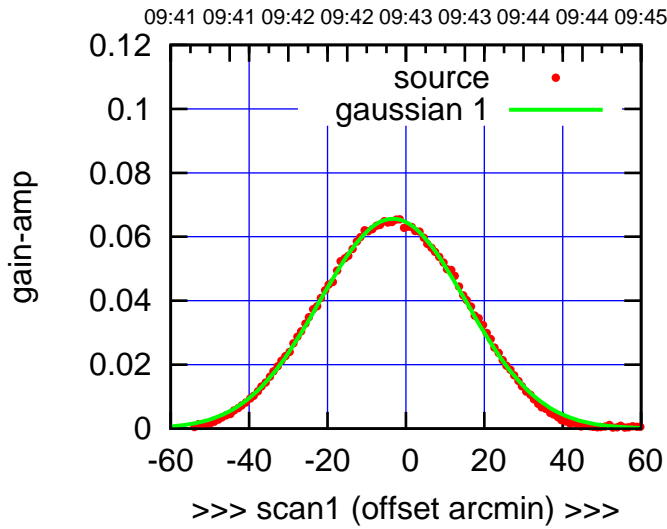
BACKLASH ERROR= 0.4'



(591 MHz.)

C12-130-EL OFF= -3.3' ( 43.9')

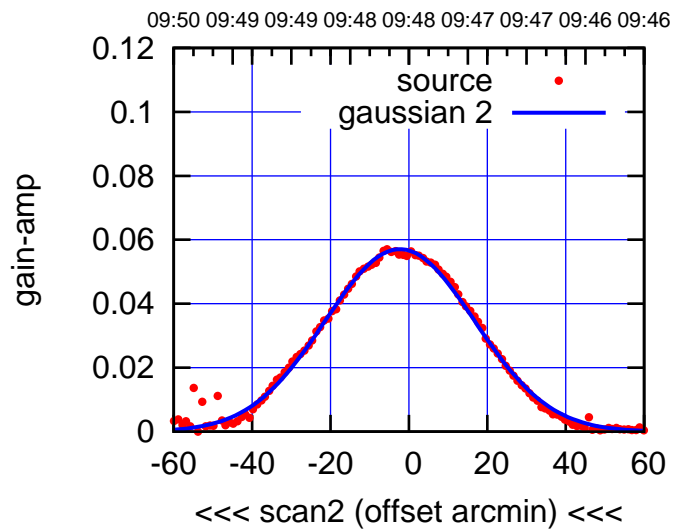
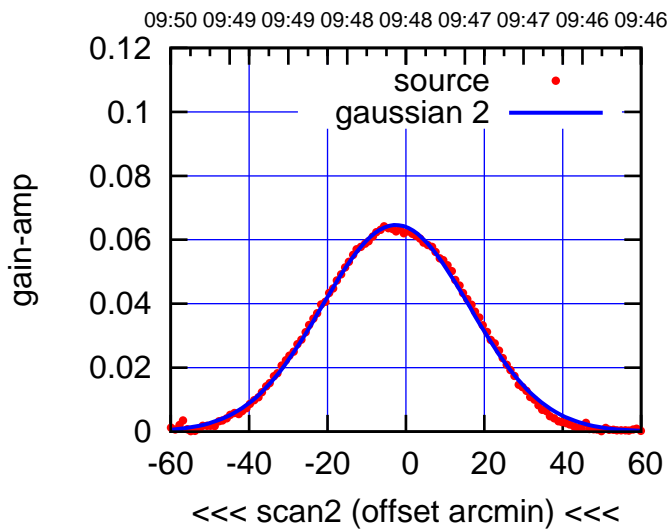
C12-175-EL OFF= -3.0' ( 44.2')



(+30'/m) 18Nov2016 09:43:00

C12-130-EL OFF= -2.6' ( 44.3')

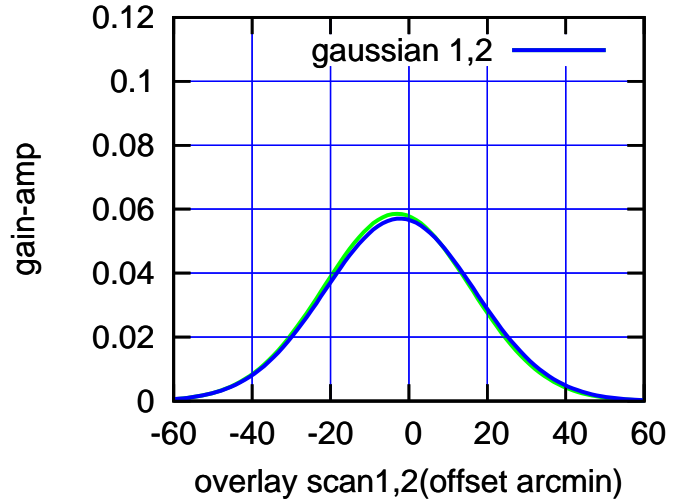
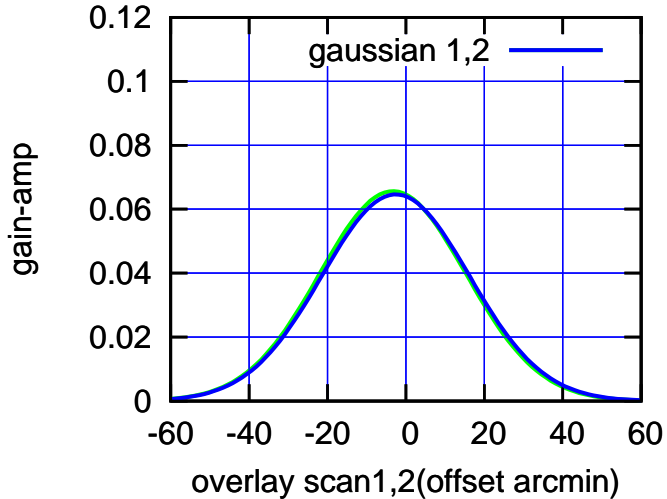
C12-175-EL OFF= -2.3' ( 44.9')



(-30'/m) 18Nov2016 09:48:00

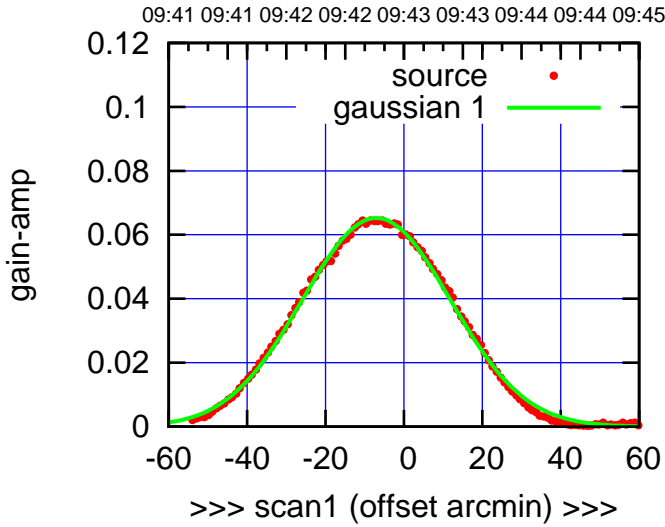
BACKLASH ERROR= 0.7'

BACKLASH ERROR= 0.7'

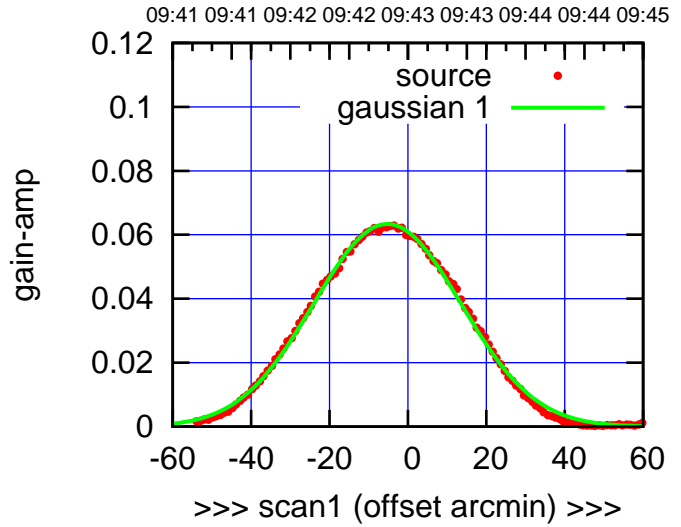


(591 MHz.)

C13-130-EL OFF= -7.0' ( 44.6')

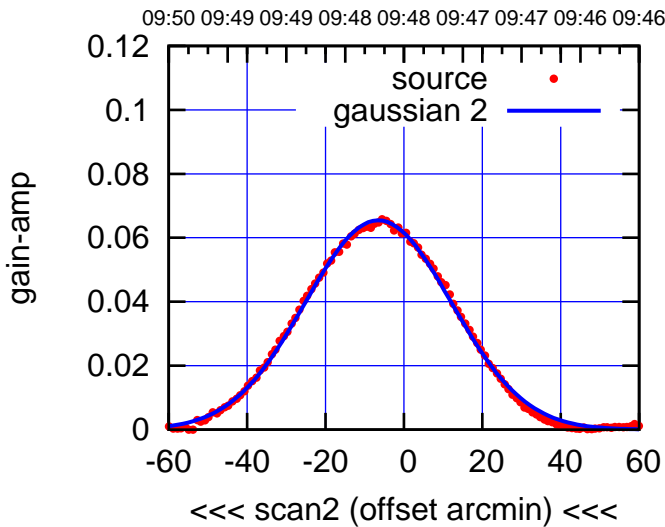


C13-175-EL OFF= -5.2' ( 44.3')

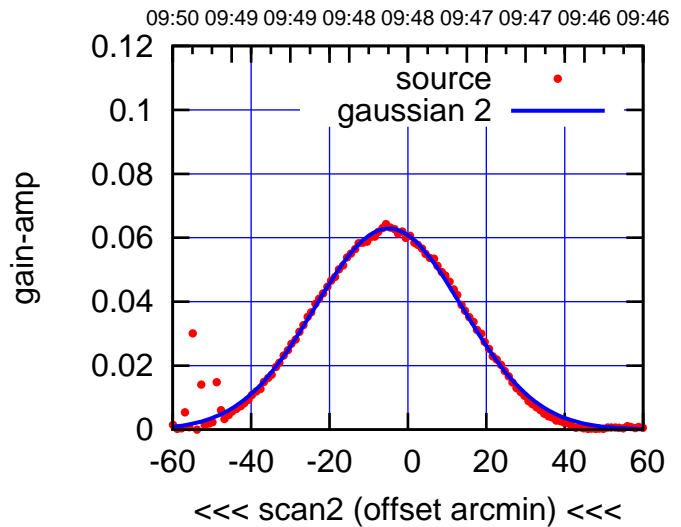


(+30'/m) 18Nov2016 09:43:00

C13-130-EL OFF= -6.5' ( 43.9')

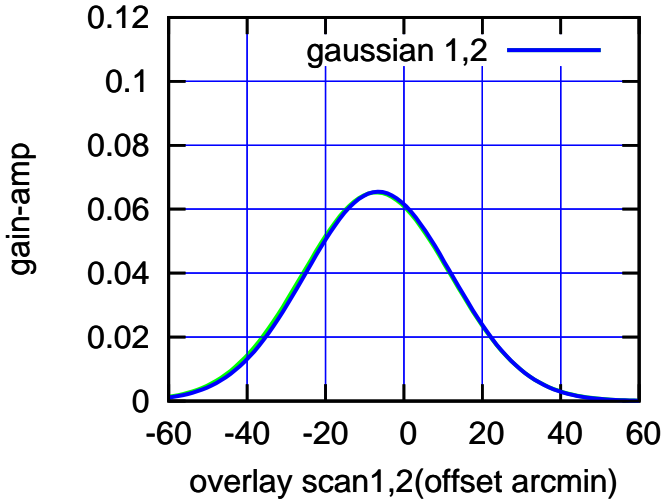


C13-175-EL OFF= -4.9' ( 44.4')

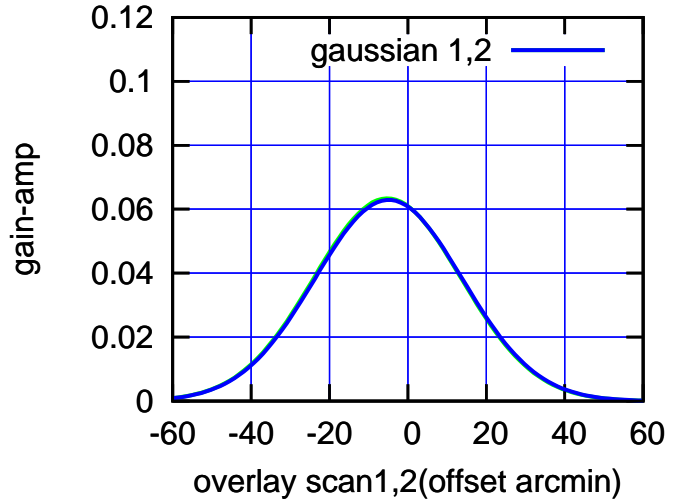


(-30'/m) 18Nov2016 09:48:00

BACKLASH ERROR= 0.5'

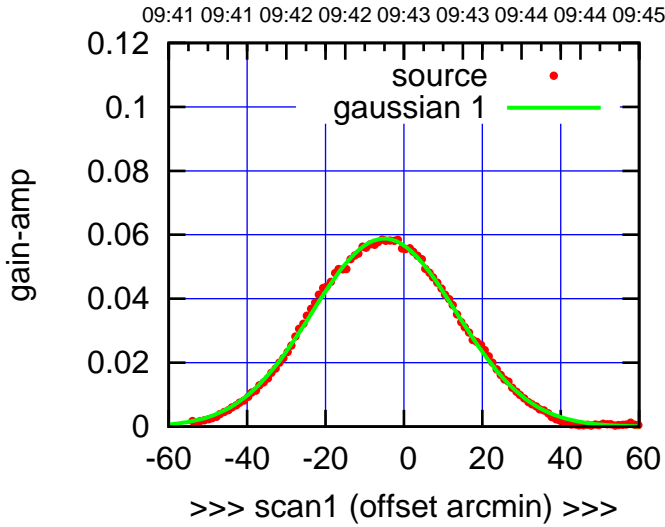


BACKLASH ERROR= 0.3'

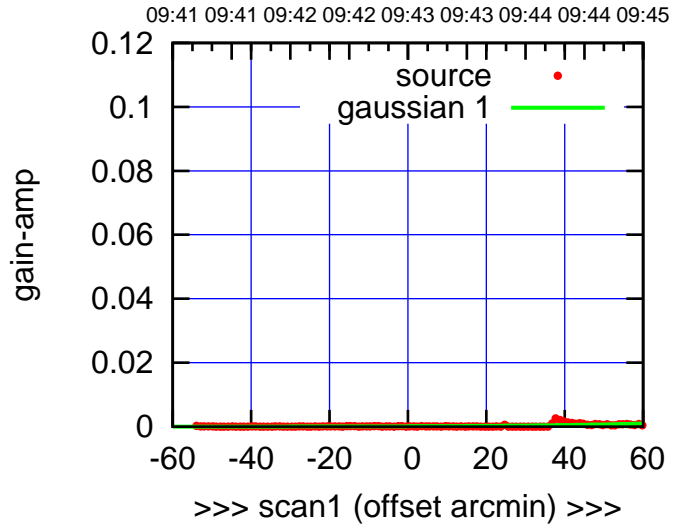


(591 MHz.)

C14-130-EL OFF= -5.0' ( 43.4')

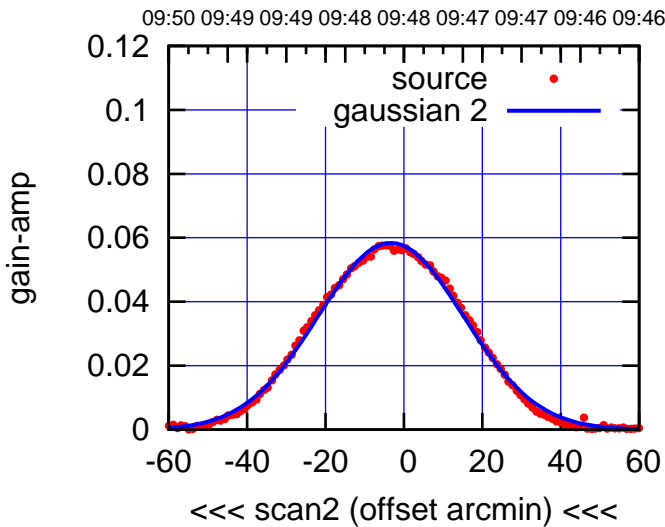


C14-175-EL OFF= 0.0' ( 0.0')

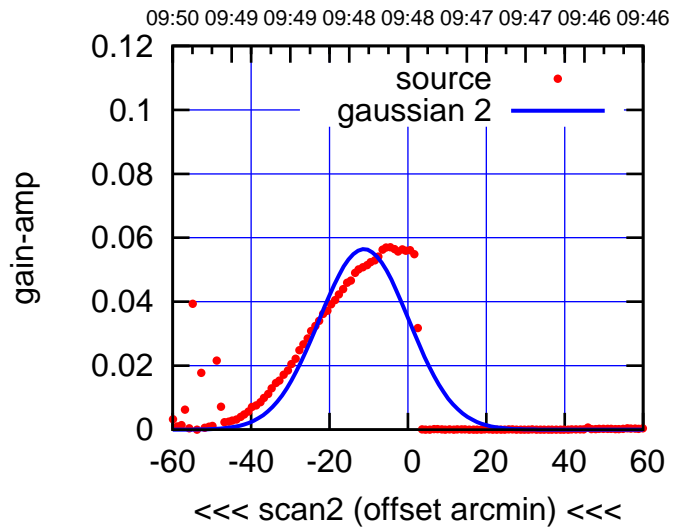


(+30'/m) 18Nov2016 09:43:00

C14-130-EL OFF= -3.4' ( 43.8')

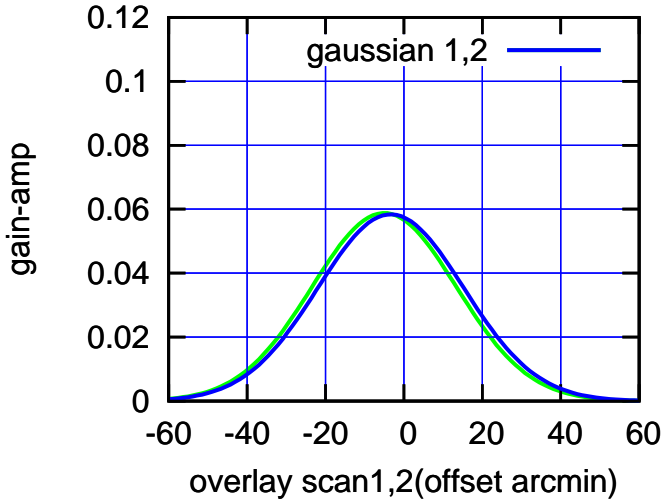


C14-175-EL OFF= -11.2' ( 27.0')

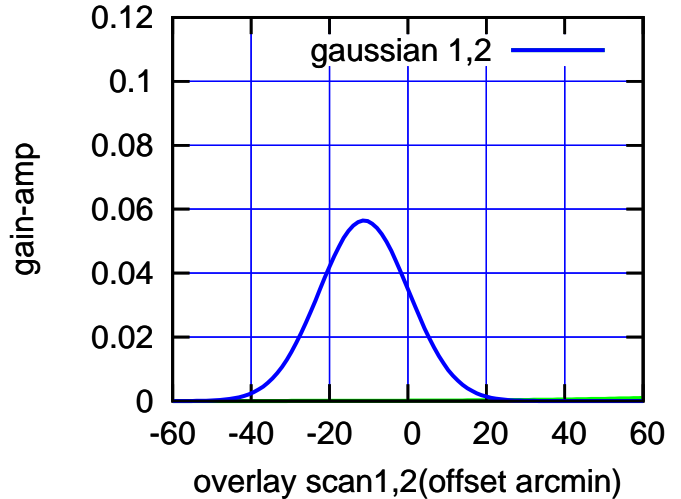


(-30'/m) 18Nov2016 09:48:00

BACKLASH ERROR= 1.6'

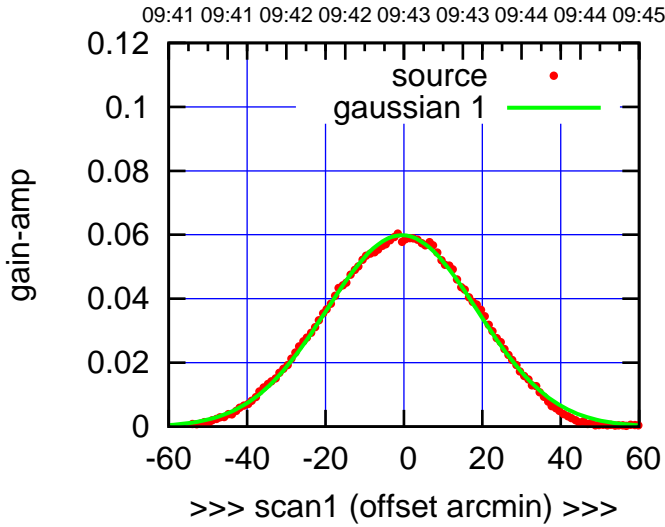


BACKLASH ERROR= 11.2'

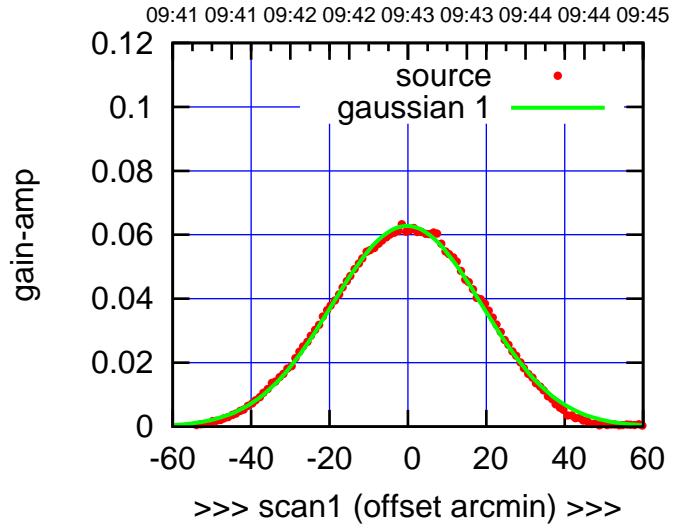


(591 MHz.)

E02-130-EL OFF= -0.5' ( 45.4')

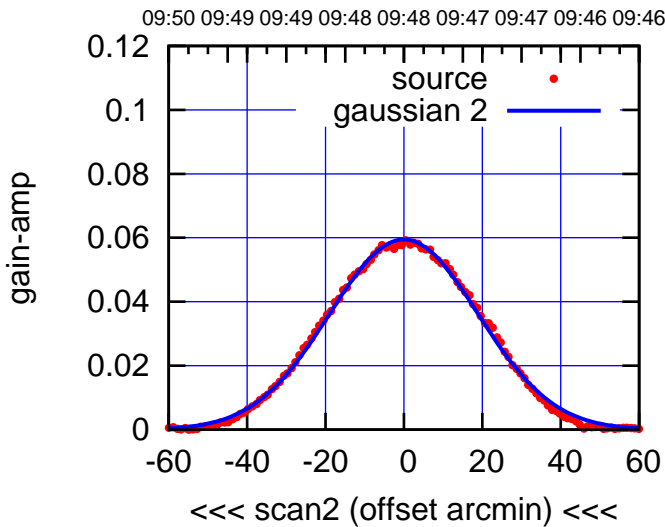


E02-175-EL OFF= -0.3' ( 45.0')

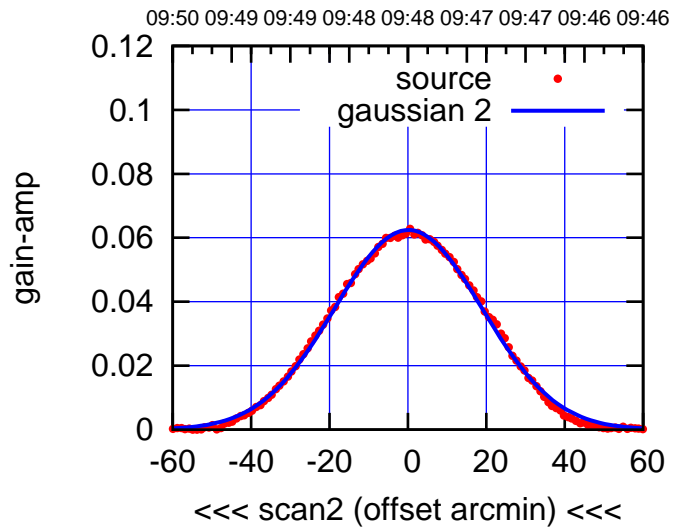


(+30'/m) 18Nov2016 09:43:00

E02-130-EL OFF= -0.0' ( 44.8')

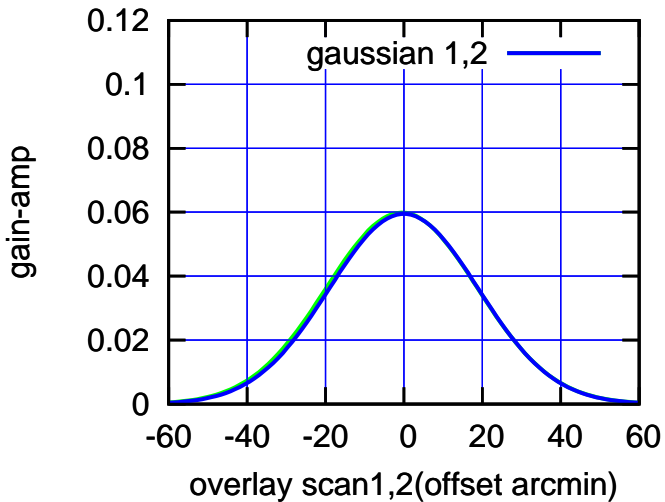


E02-175-EL OFF= 0.1' ( 44.3')

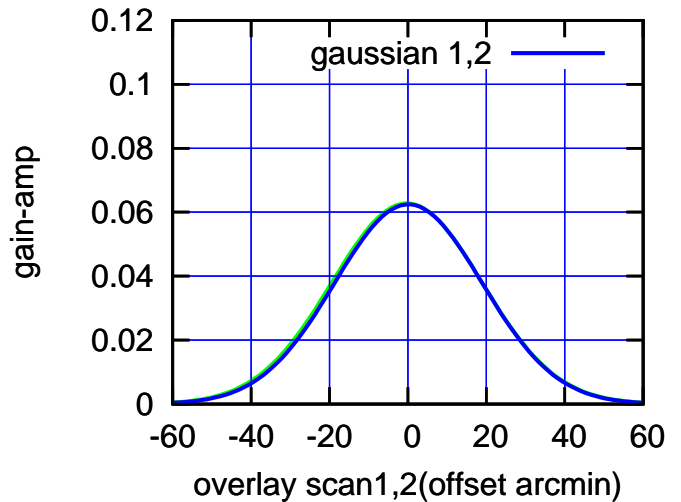


(-30'/m) 18Nov2016 09:48:00

BACKLASH ERROR= 0.5'



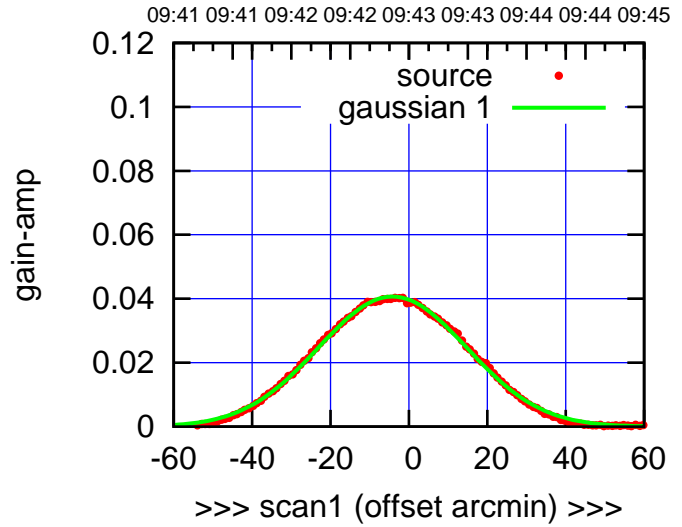
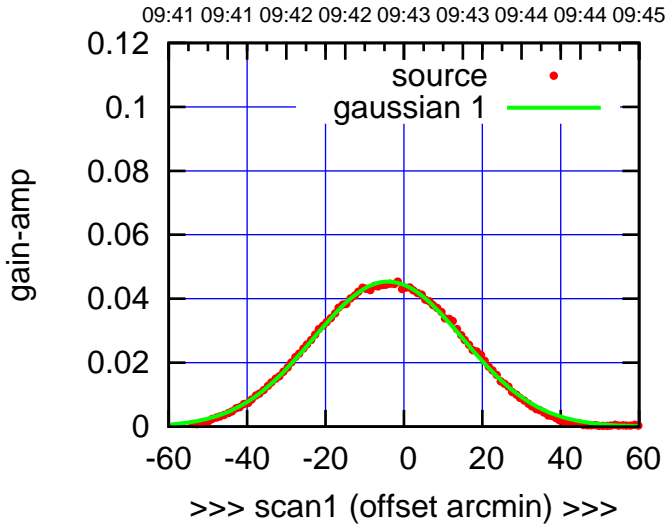
BACKLASH ERROR= 0.4'



(591 MHz.)

E03-130-EL OFF= -4.1' ( 44.9')

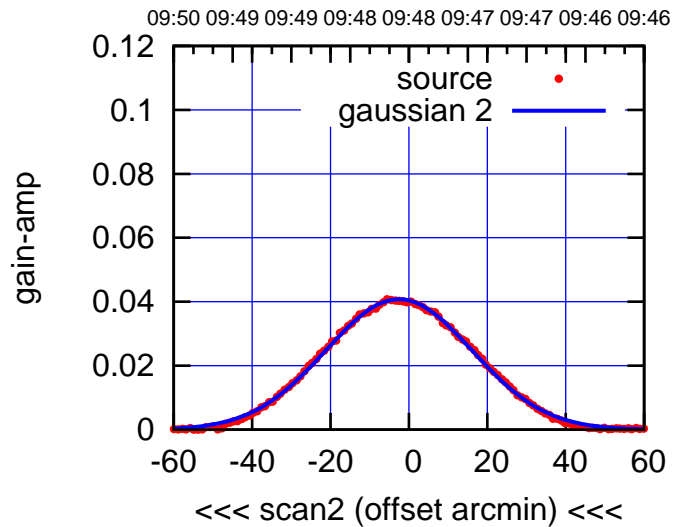
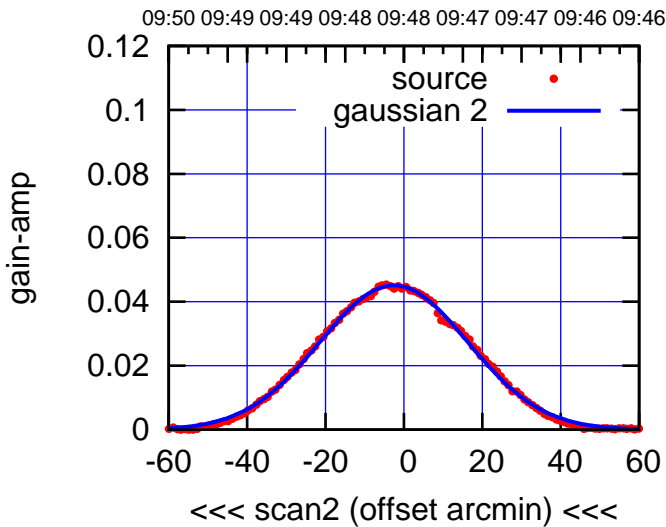
E03-175-EL OFF= -4.2' ( 44.6')



(+30'/m) 18Nov2016 09:43:00

E03-130-EL OFF= -2.6' ( 44.5')

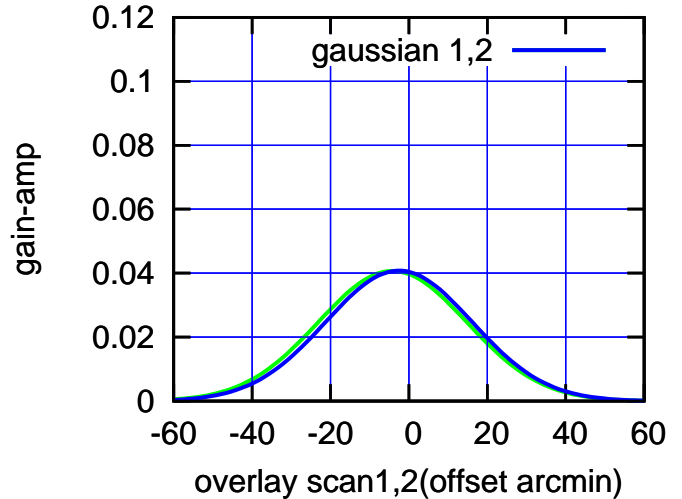
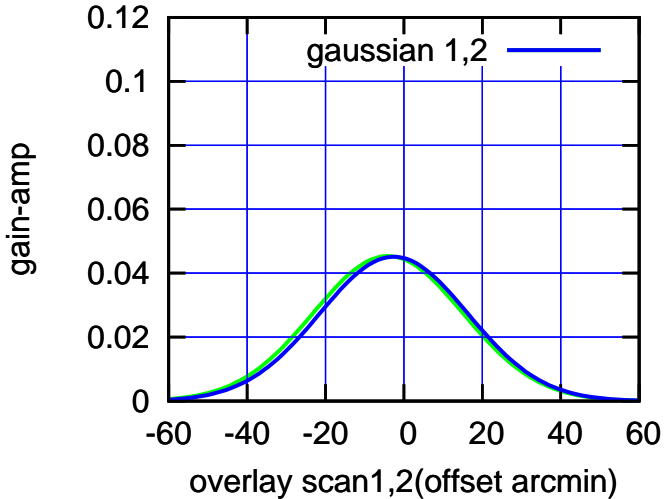
E03-175-EL OFF= -2.6' ( 44.0')



(-30'/m) 18Nov2016 09:48:00

BACKLASH ERROR= 1.5'

BACKLASH ERROR= 1.6'

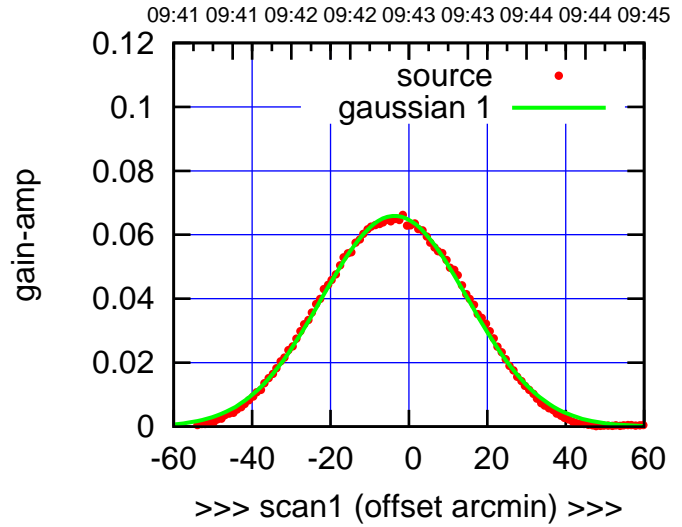
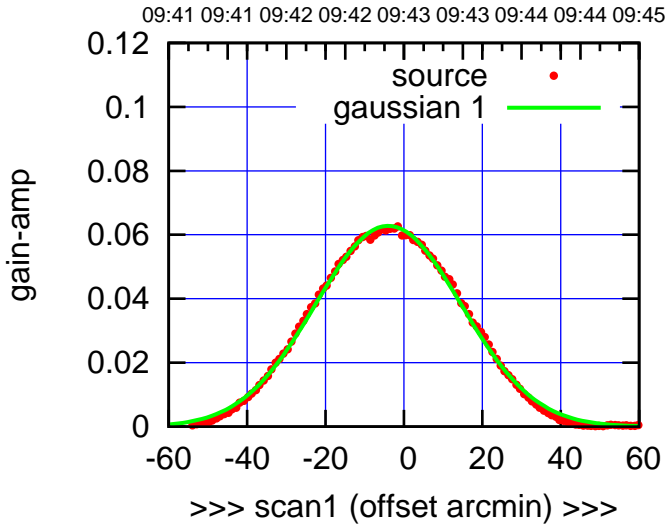


(591 MHz.)



E04-130-EL OFF= -4.0' ( 43.9')

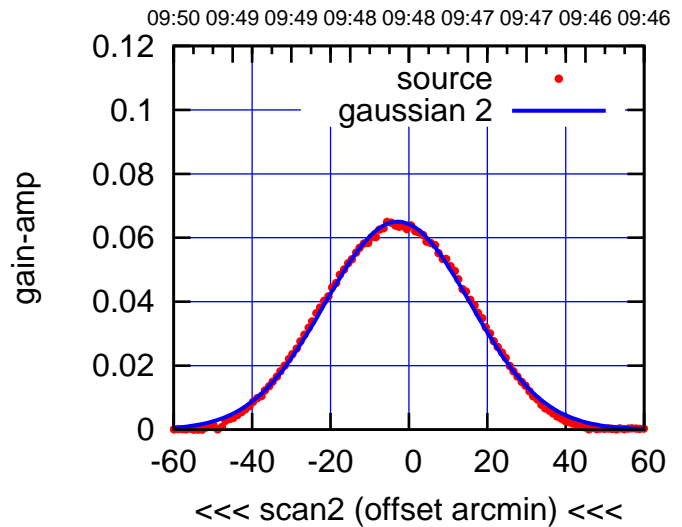
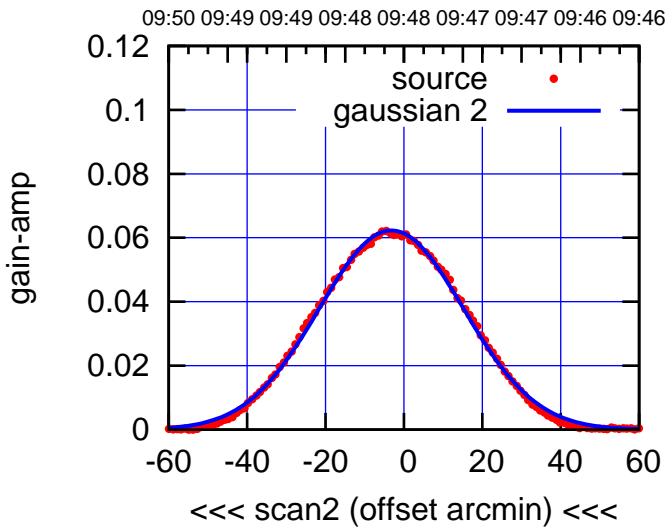
E04-175-EL OFF= -3.7' ( 44.0')



(+30'/m) 18Nov2016 09:43:00

E04-130-EL OFF= -3.2' ( 43.4')

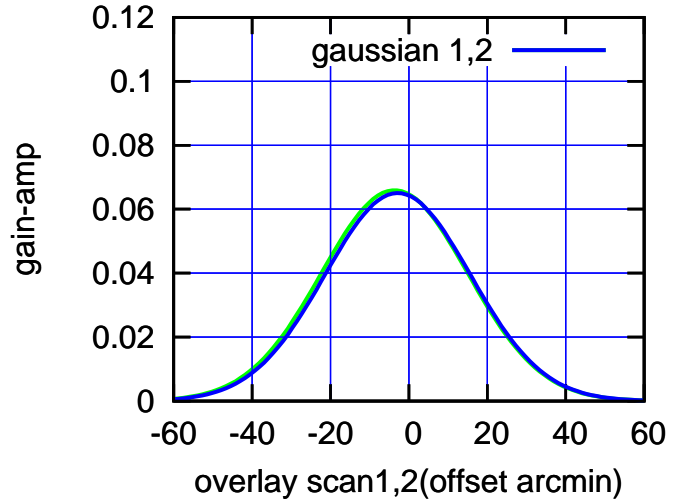
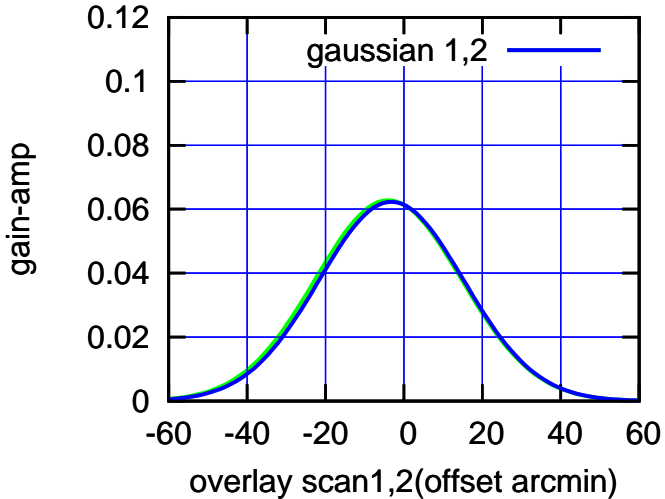
E04-175-EL OFF= -2.9' ( 43.7')



(-30'/m) 18Nov2016 09:48:00

BACKLASH ERROR= 0.8'

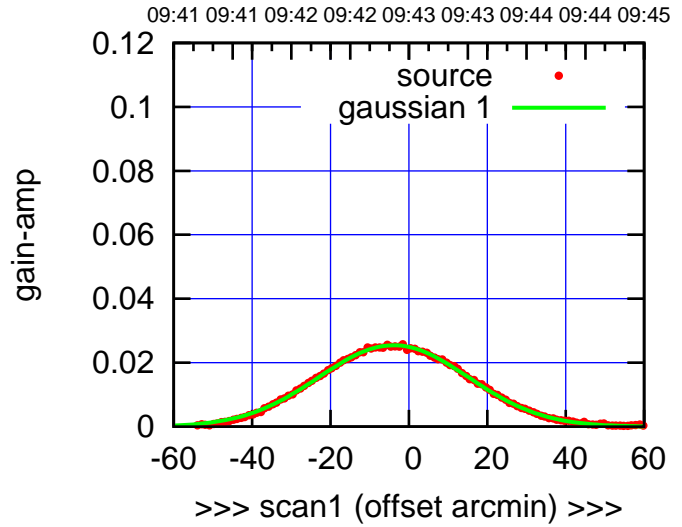
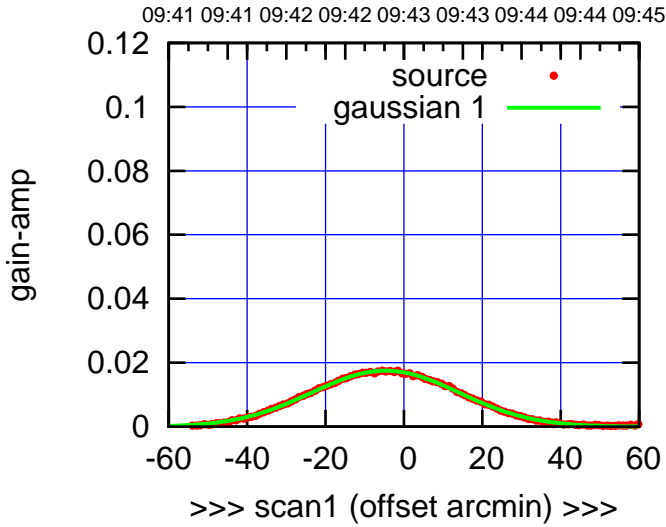
BACKLASH ERROR= 0.8'



(591 MHz.)

E05-130-EL OFF= -4.7' ( 44.4')

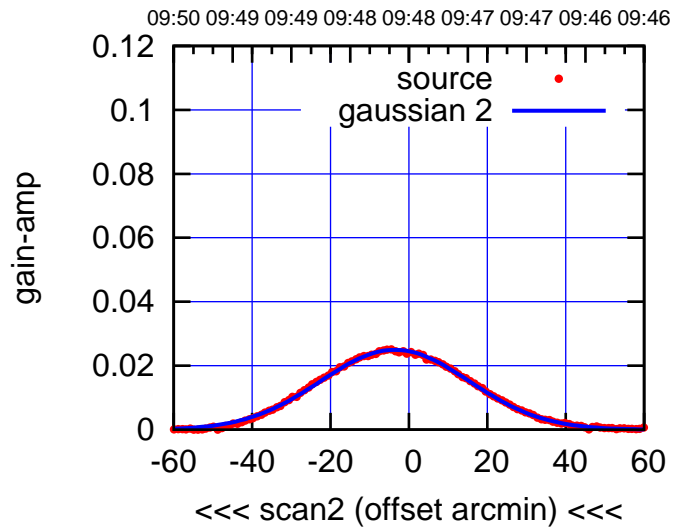
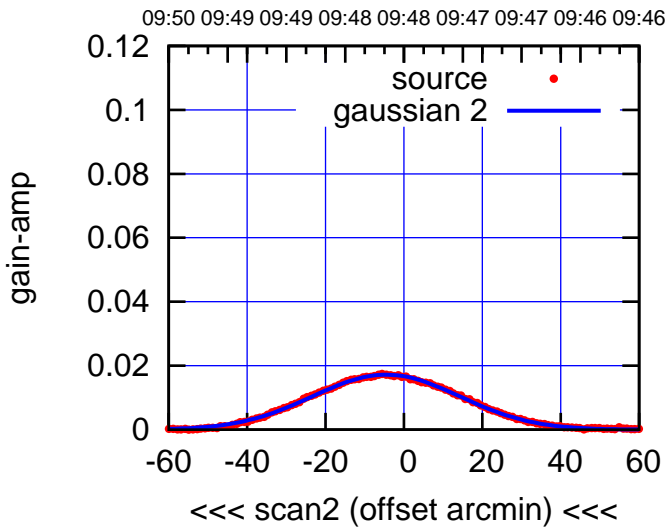
E05-175-EL OFF= -3.9' ( 45.0')



(+30'/m) 18Nov2016 09:43:00

E05-130-EL OFF= -4.5' ( 44.1')

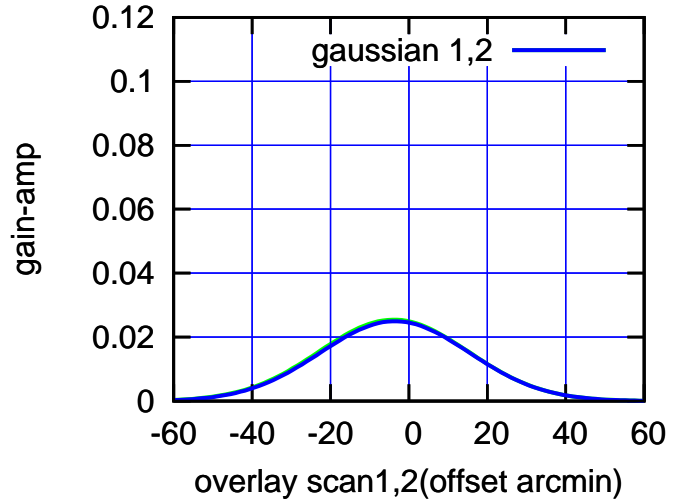
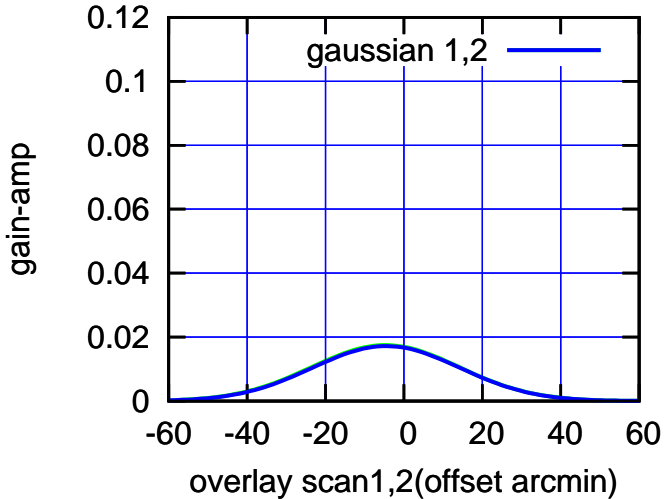
E05-175-EL OFF= -3.6' ( 44.7')



(-30'/m) 18Nov2016 09:48:00

BACKLASH ERROR= 0.2'

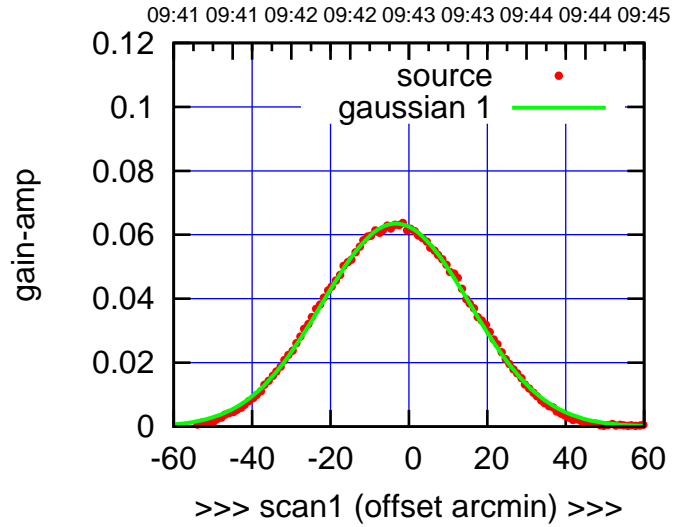
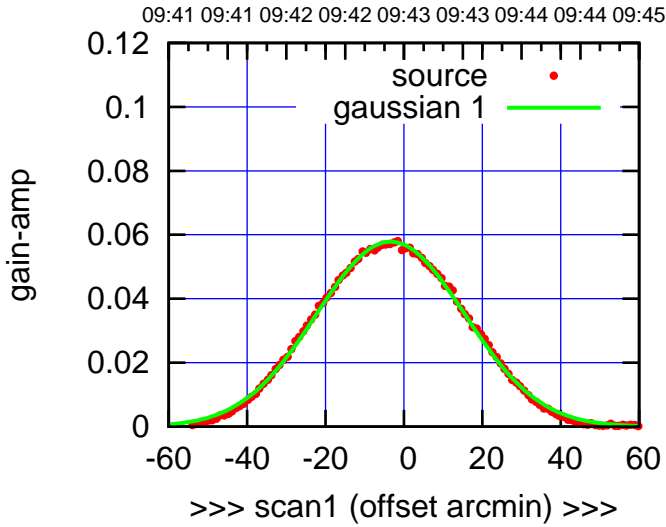
BACKLASH ERROR= 0.3'



(591 MHz.)

E06-130-EL OFF= -3.4' ( 44.6')

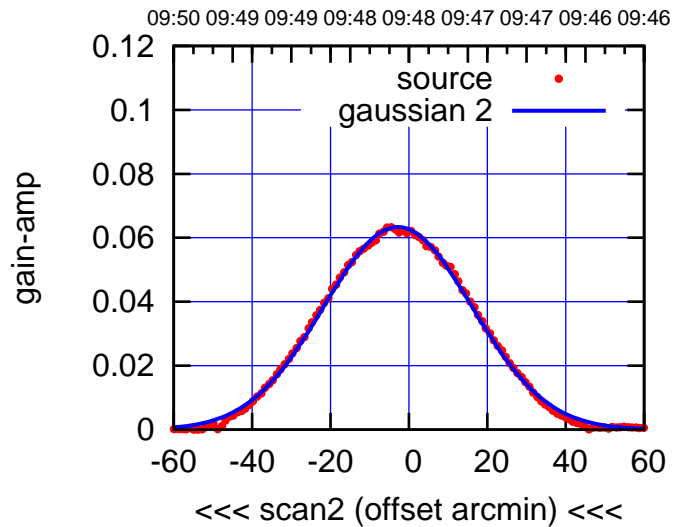
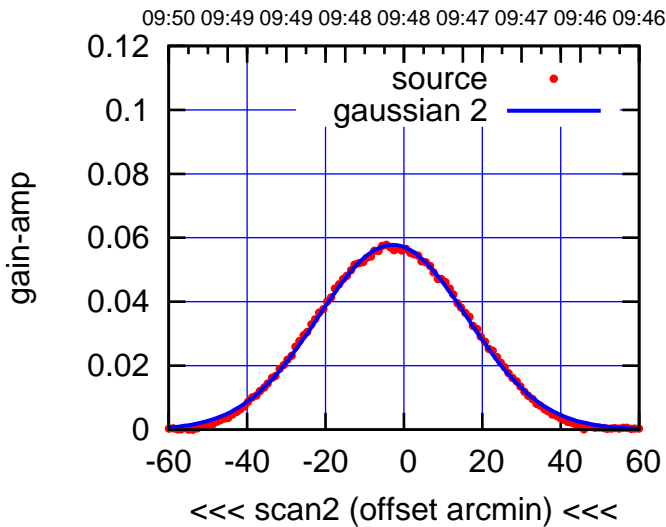
E06-175-EL OFF= -3.3' ( 44.3')



(+30'/m) 18Nov2016 09:43:00

E06-130-EL OFF= -2.9' ( 44.9')

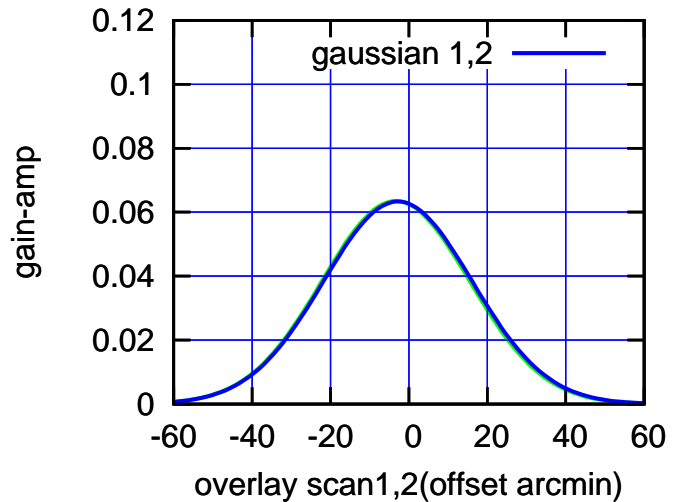
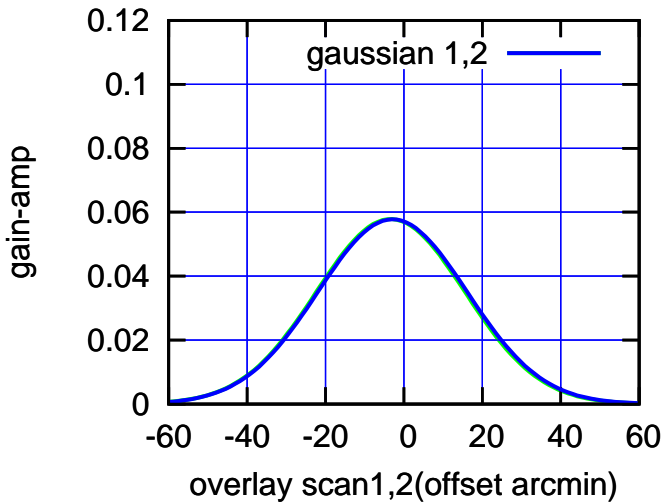
E06-175-EL OFF= -2.8' ( 44.6')



(-30'/m) 18Nov2016 09:48:00

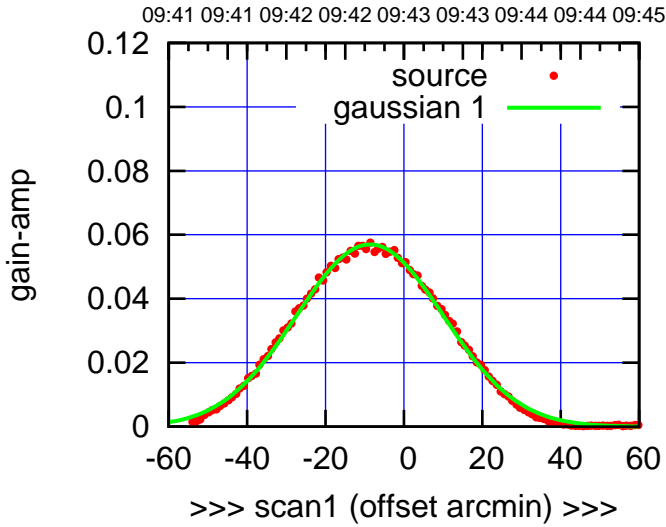
BACKLASH ERROR= 0.5'

BACKLASH ERROR= 0.5'

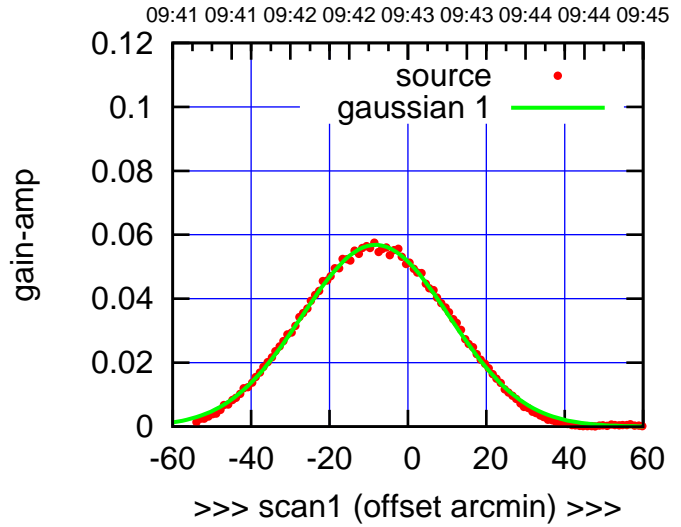


(591 MHz.)

S01-130-EL OFF= -8.7' ( 44.3')

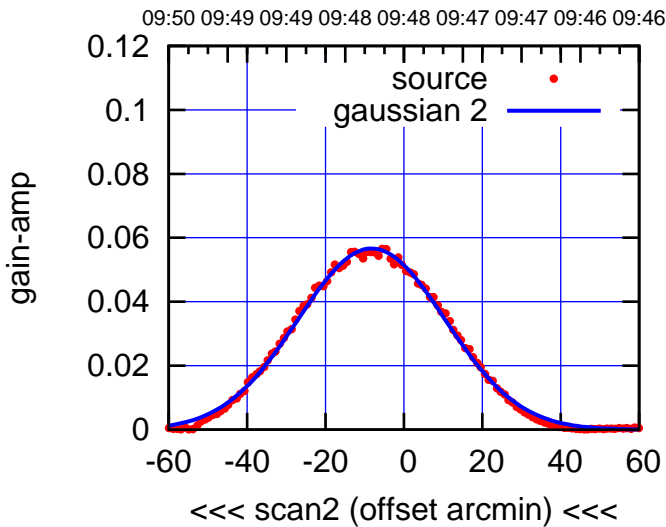


S01-175-EL OFF= -8.3' ( 44.3')

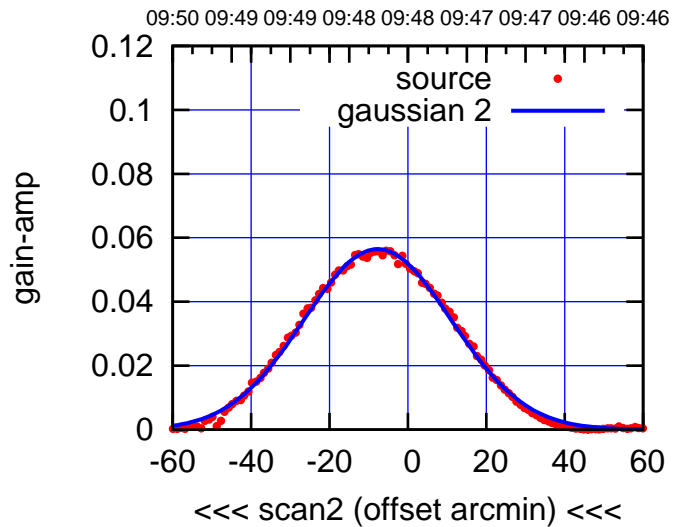


(+30'/m) 18Nov2016 09:43:00

S01-130-EL OFF= -8.3' ( 44.3')

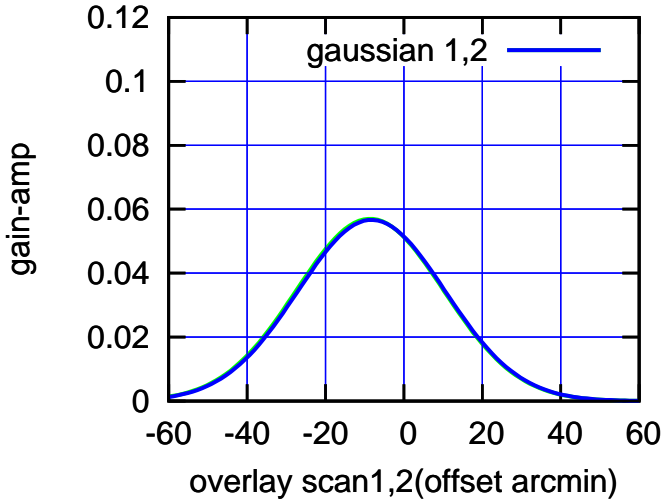


S01-175-EL OFF= -7.8' ( 44.4')

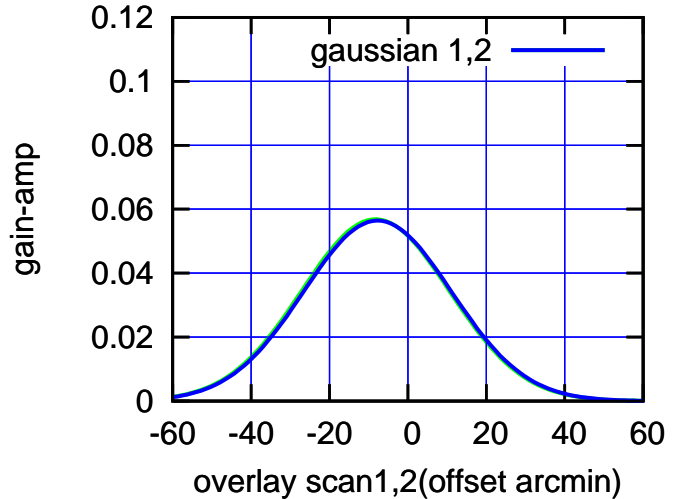


(-30'/m) 18Nov2016 09:48:00

BACKLASH ERROR= 0.4'



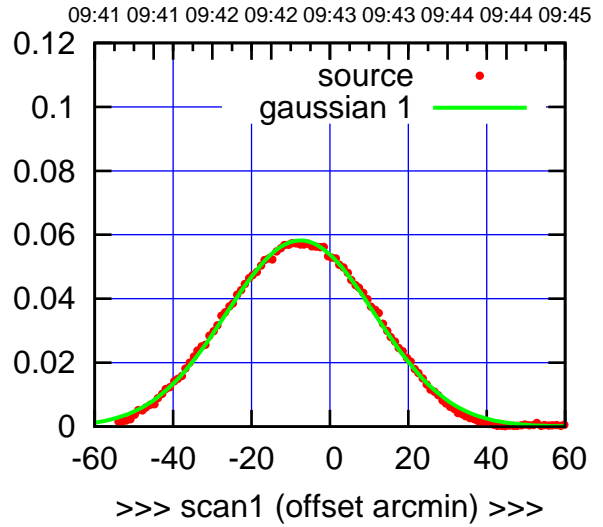
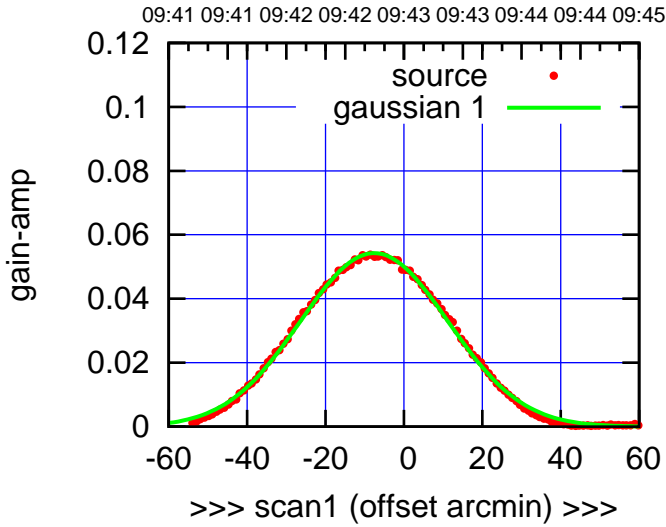
BACKLASH ERROR= 0.5'



(591 MHz.)

S02-130-EL OFF= -7.6' ( 44.4')

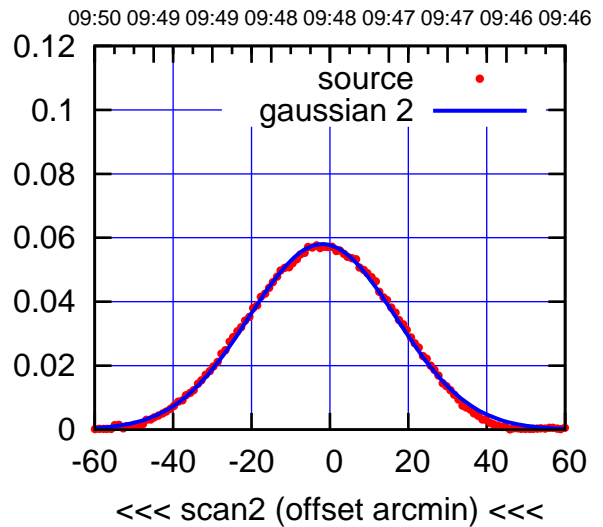
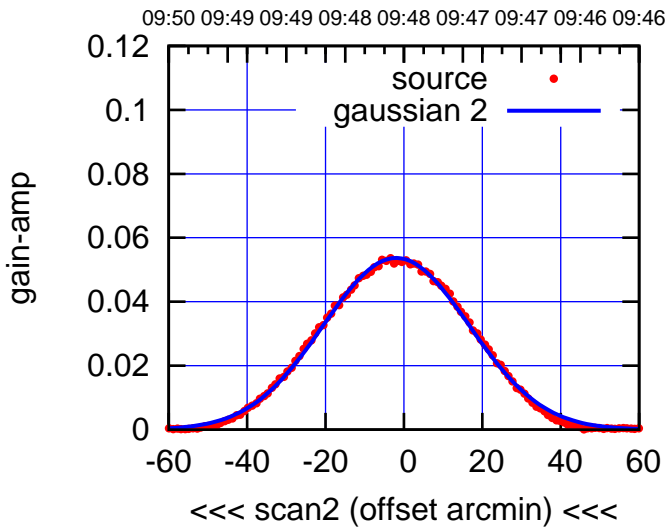
S02-175-EL OFF= -7.5' ( 44.6')



(+30'/m) 18Nov2016 09:43:00

S02-130-EL OFF= -2.0' ( 43.9')

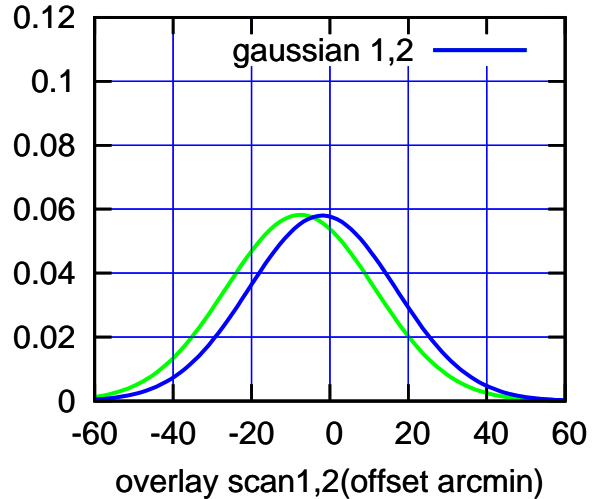
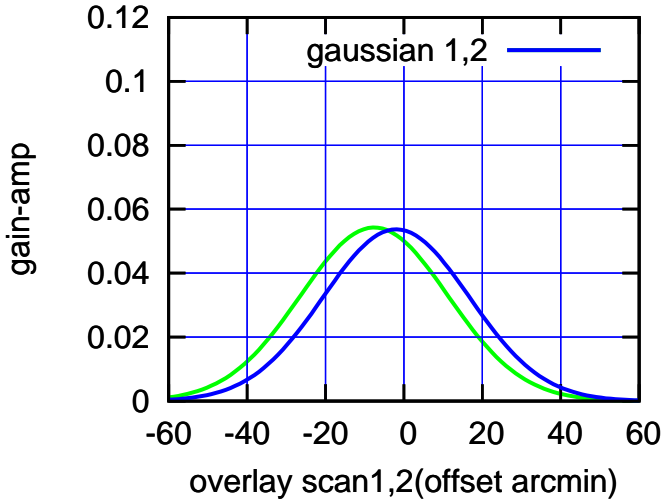
S02-175-EL OFF= -1.9' ( 44.1')



(-30'/m) 18Nov2016 09:48:00

BACKLASH ERROR= 5.6'

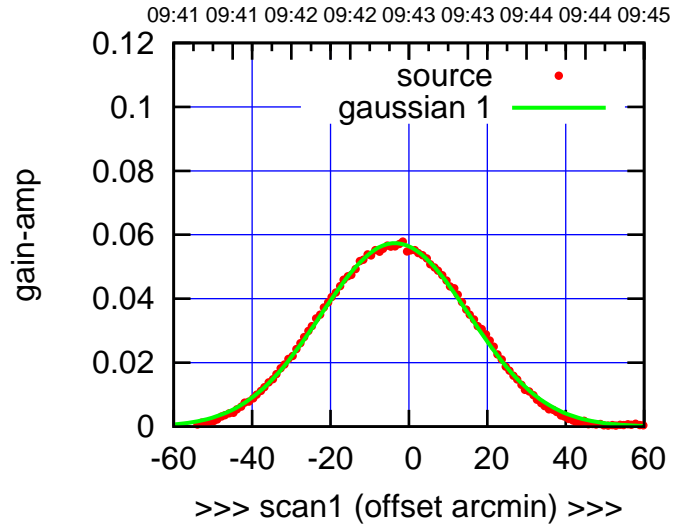
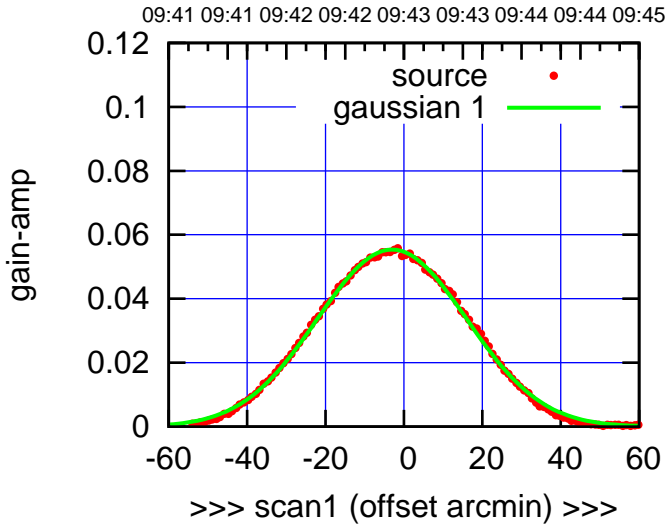
BACKLASH ERROR= 5.6'



(591 MHz.)

S03-130-EL OFF= -3.0' ( 45.0')

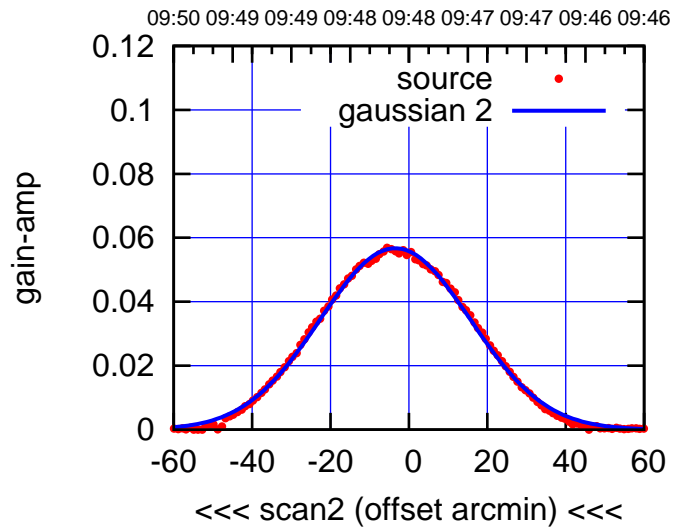
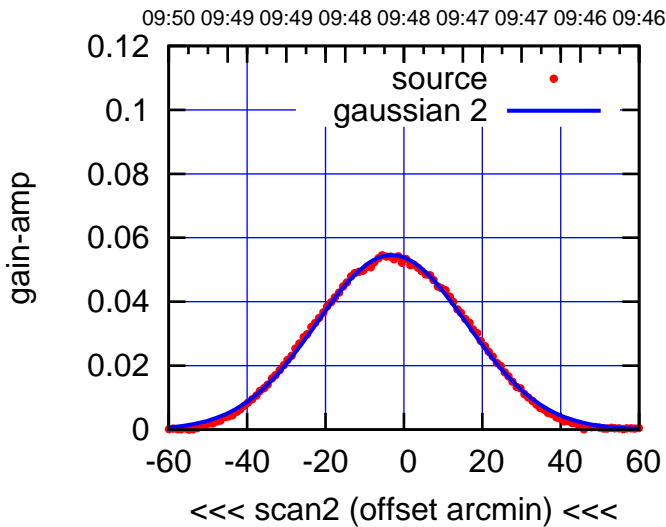
S03-175-EL OFF= -3.5' ( 44.7')



(+30'/m) 18Nov2016 09:43:00

S03-130-EL OFF= -3.1' ( 45.3')

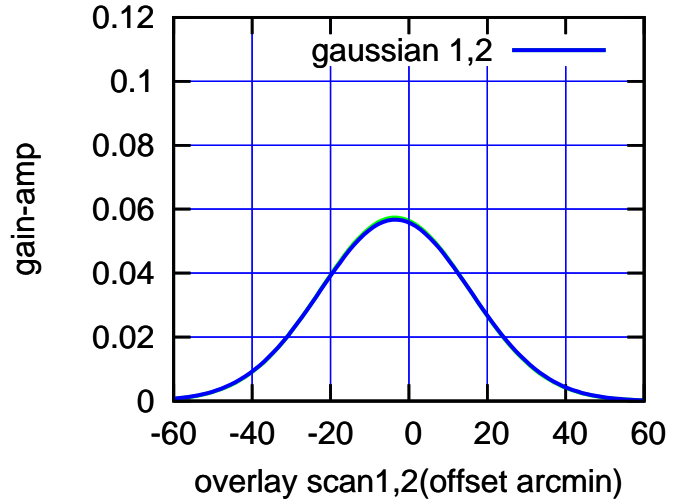
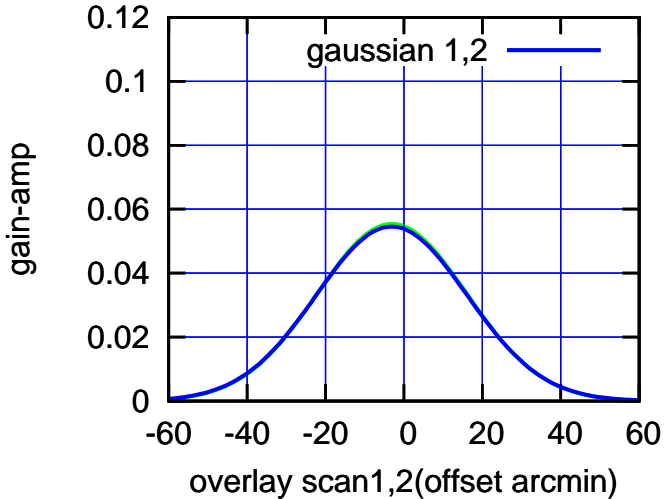
S03-175-EL OFF= -3.5' ( 45.1')



(-30'/m) 18Nov2016 09:48:00

BACKLASH ERROR= 0.1'

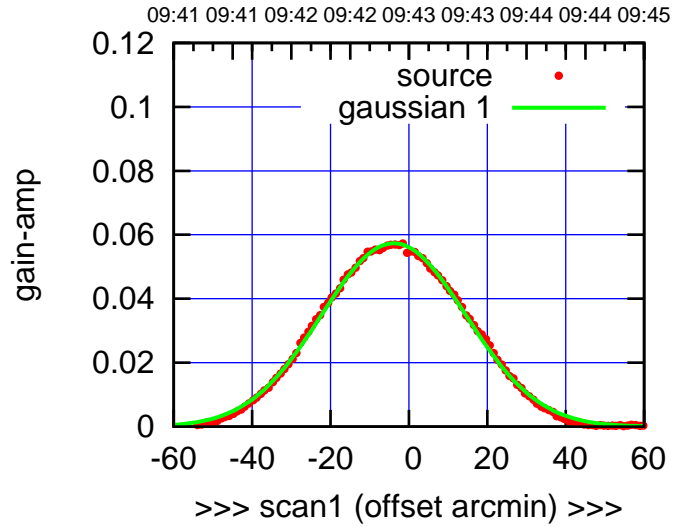
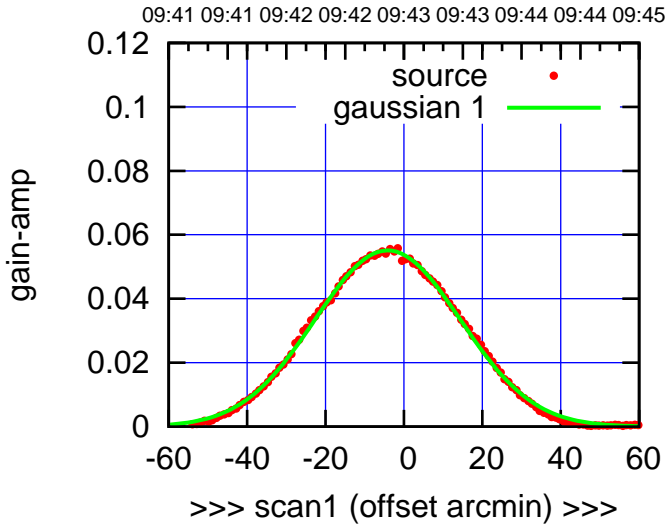
BACKLASH ERROR= 0.0'



(591 MHz.)

S04-130-EL OFF= -4.2' ( 43.7')

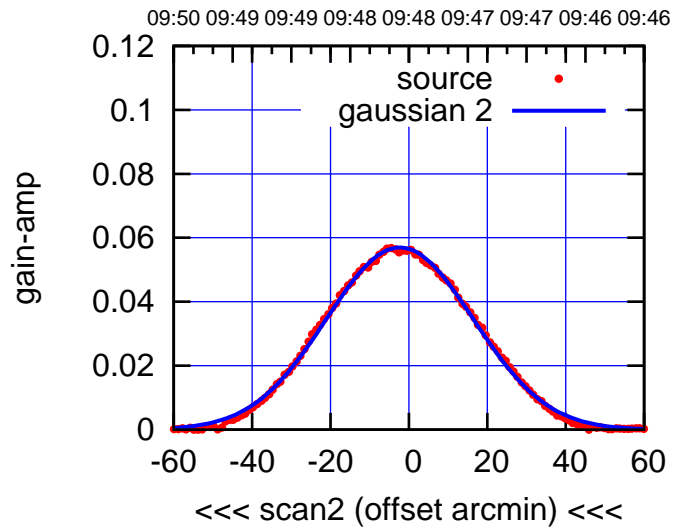
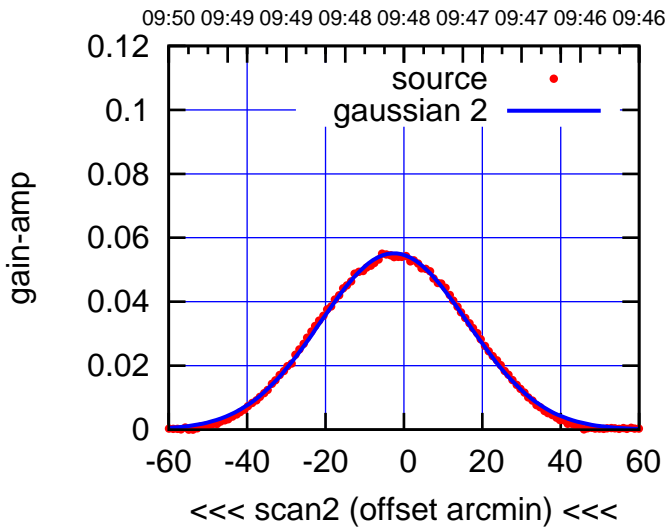
S04-175-EL OFF= -3.9' ( 43.5')



(+30'/m) 18Nov2016 09:43:00

S04-130-EL OFF= -2.6' ( 44.3')

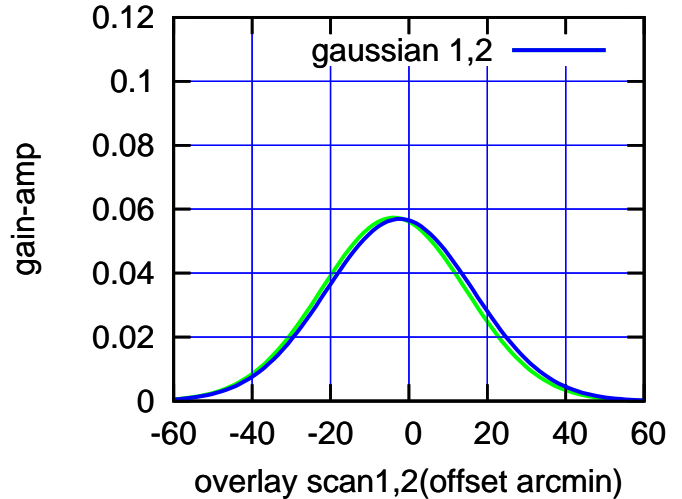
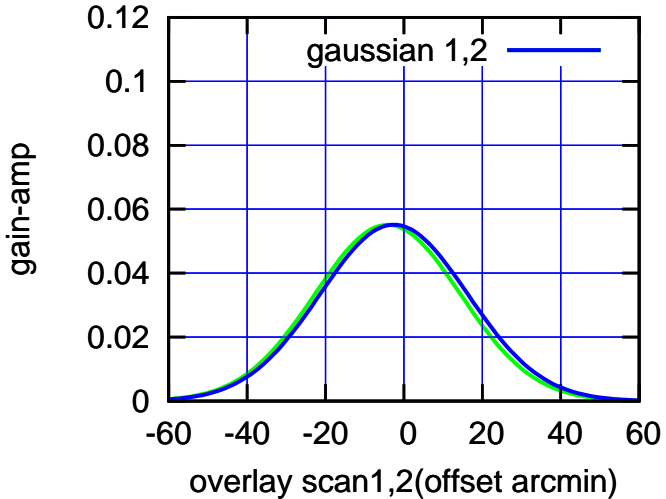
S04-175-EL OFF= -2.3' ( 44.2')



(-30'/m) 18Nov2016 09:48:00

BACKLASH ERROR= 1.6'

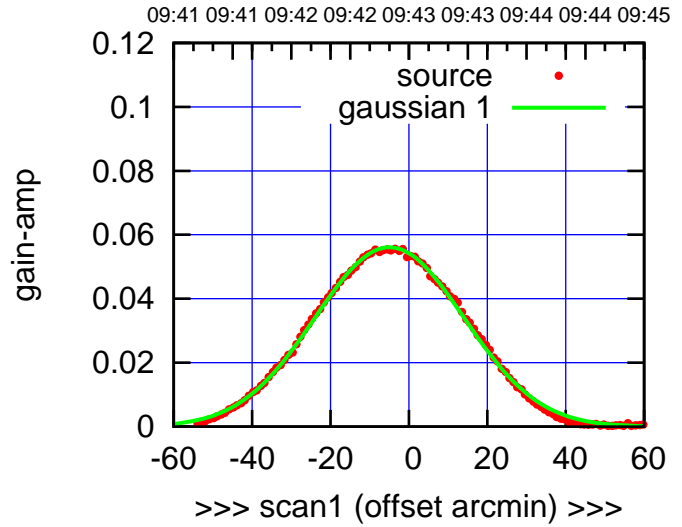
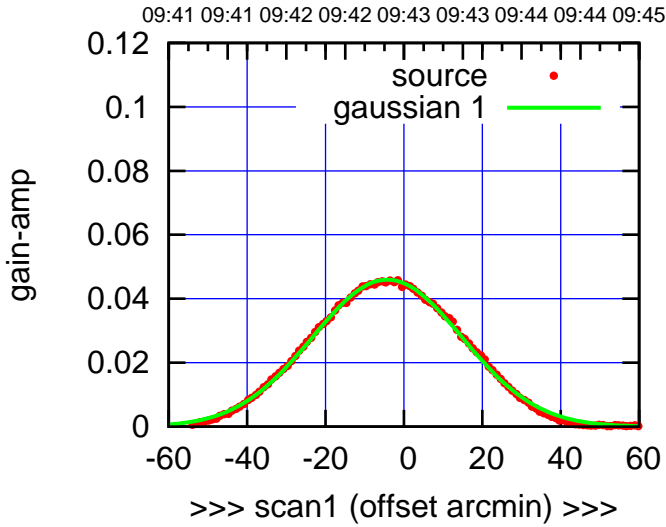
BACKLASH ERROR= 1.6'



(591 MHz.)

S06-130-EL OFF= -4.3' ( 45.1')

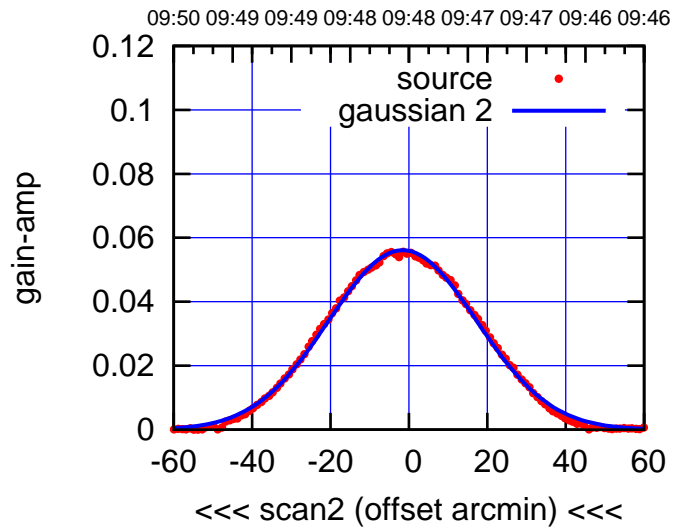
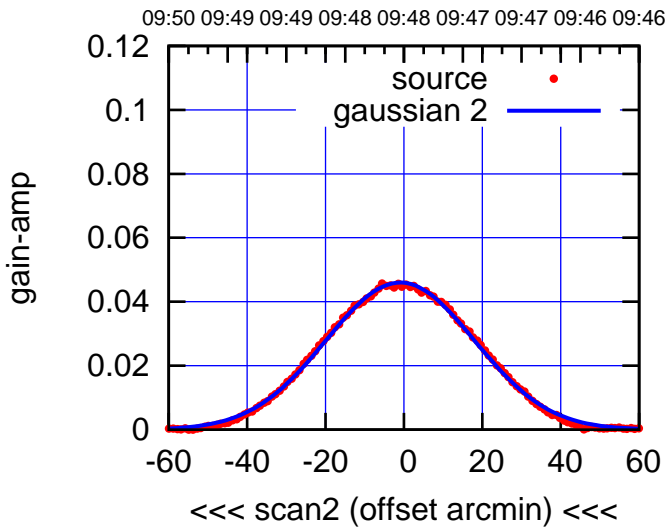
S06-175-EL OFF= -5.0' ( 44.8')



(+30'/m) 18Nov2016 09:43:00

S06-130-EL OFF= -1.0' ( 44.6')

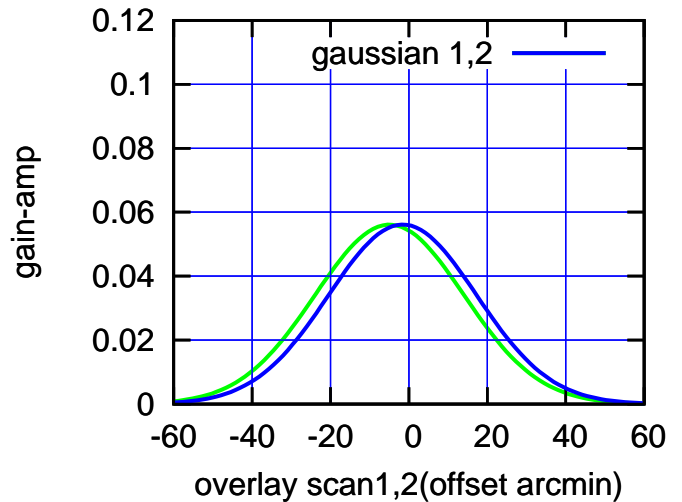
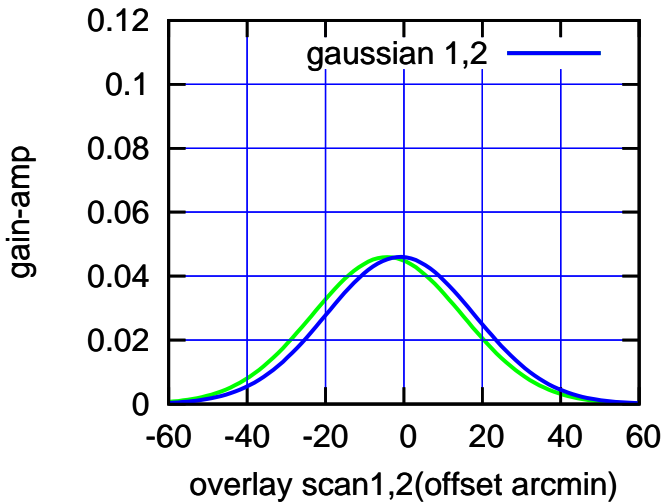
S06-175-EL OFF= -1.6' ( 44.5')



(-30'/m) 18Nov2016 09:48:00

BACKLASH ERROR= 3.3'

BACKLASH ERROR= 3.4'

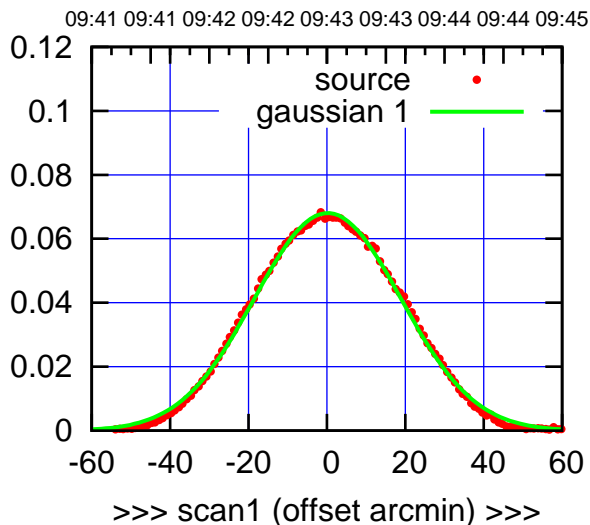
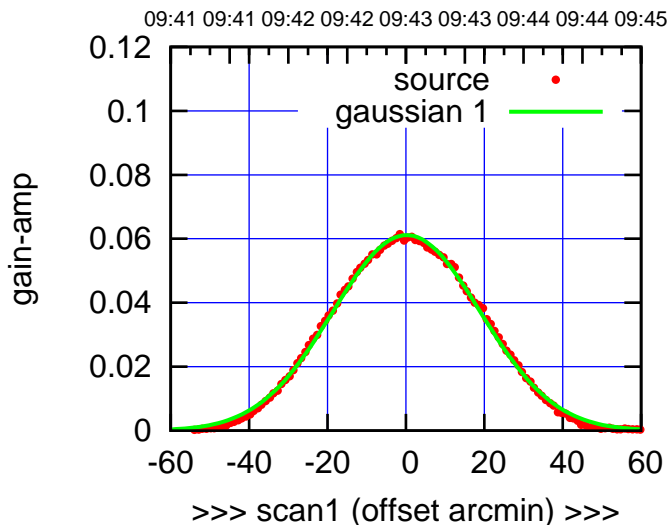


(591 MHz.)



W01-130-EL OFF= 0.2' ( 44.4')

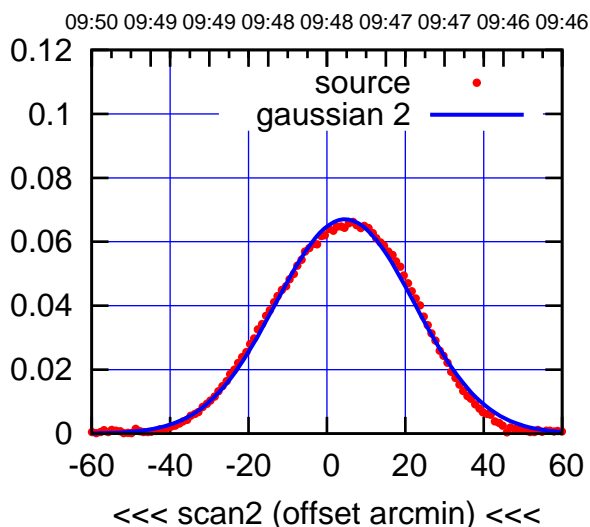
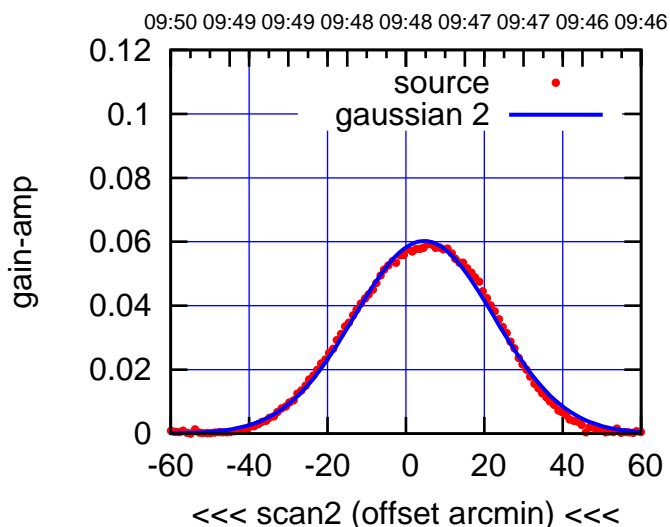
W01-175-EL OFF= 0.2' ( 44.1')



(+30'/m) 18Nov2016 09:43:00

W01-130-EL OFF= 4.6' ( 42.1')

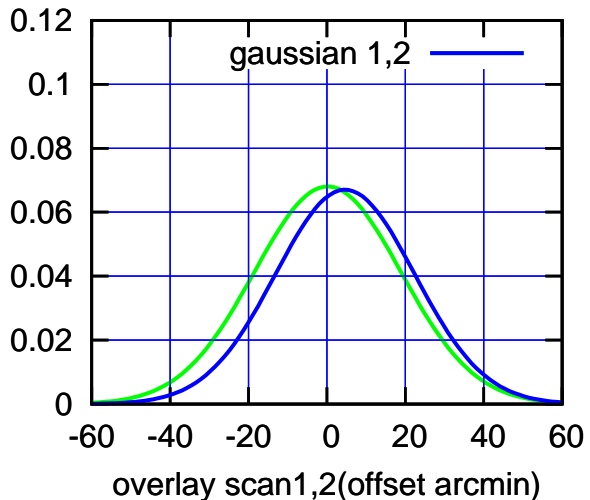
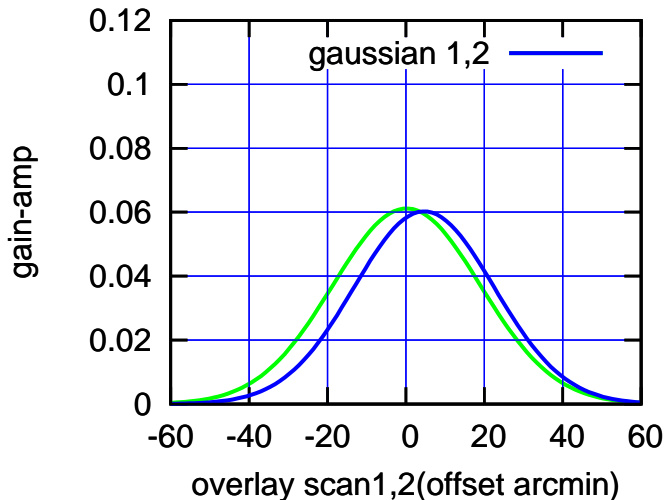
W01-175-EL OFF= 4.6' ( 41.8')



(-30'/m) 18Nov2016 09:48:00

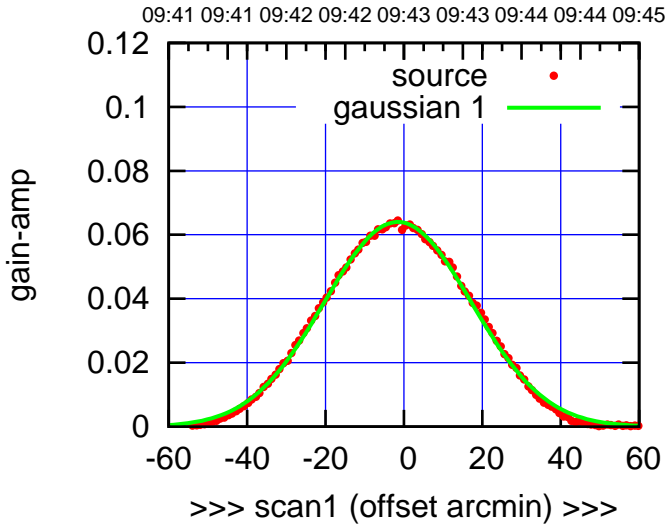
BACKLASH ERROR= 4.4'

BACKLASH ERROR= 4.4'

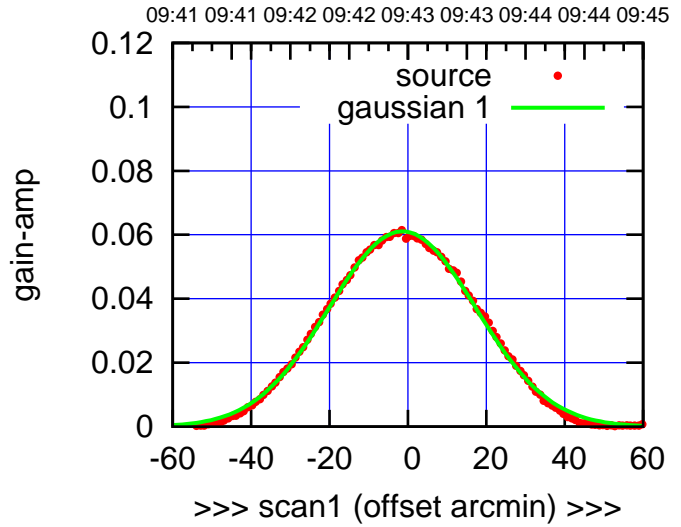


(591 MHz.)

W02-130-EL OFF= -1.6' ( 44.2')

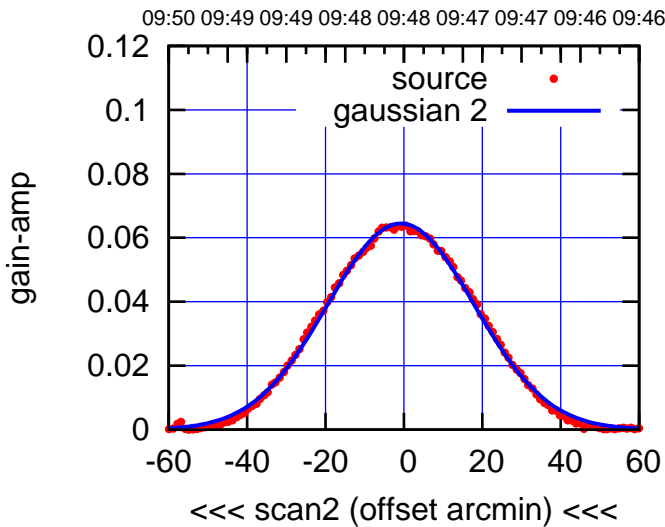


W02-175-EL OFF= -1.4' ( 44.2')

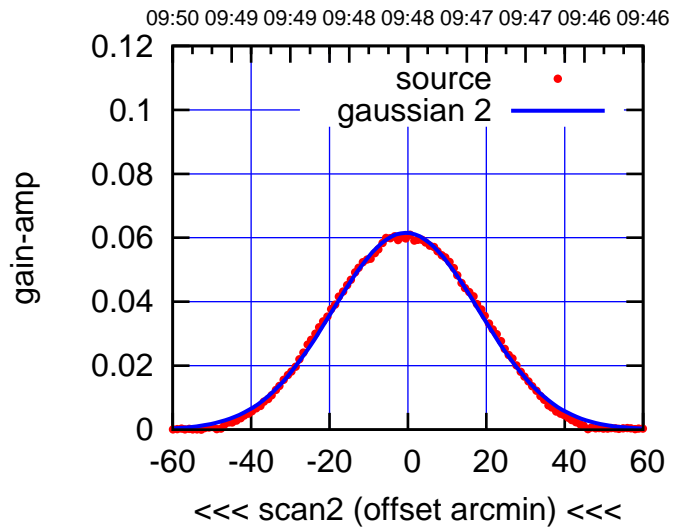


(+30'/m) 18Nov2016 09:43:00

W02-130-EL OFF= -0.8' ( 44.1')

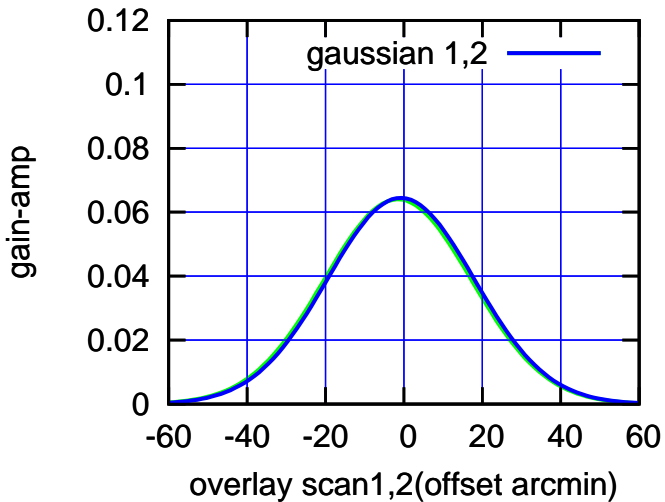


W02-175-EL OFF= -0.6' ( 43.9')

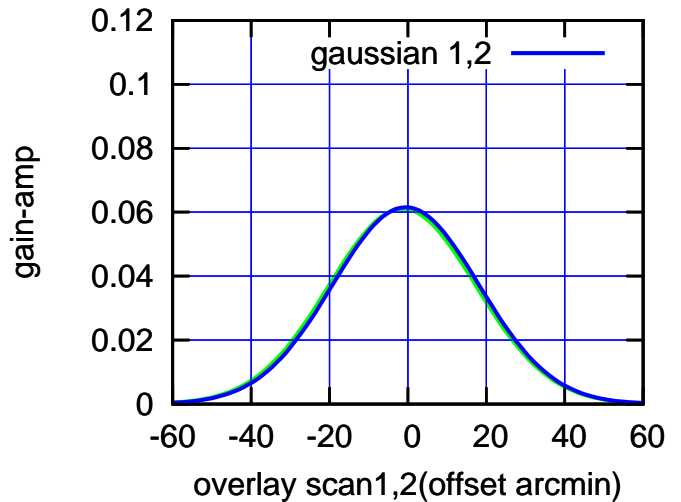


(-30'/m) 18Nov2016 09:48:00

BACKLASH ERROR= 0.8'

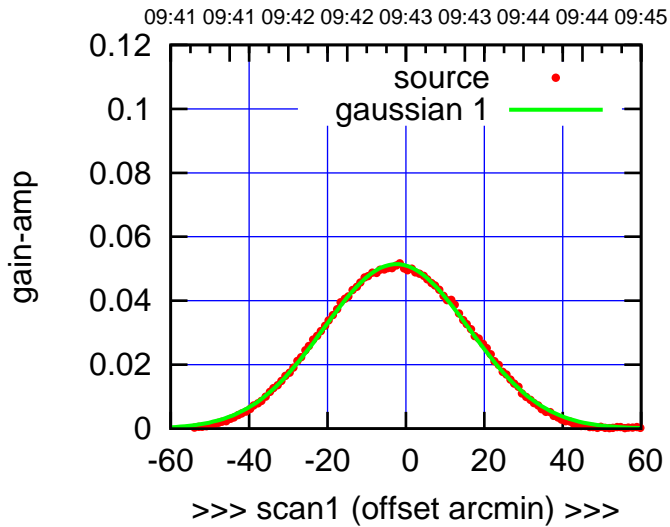


BACKLASH ERROR= 0.8'

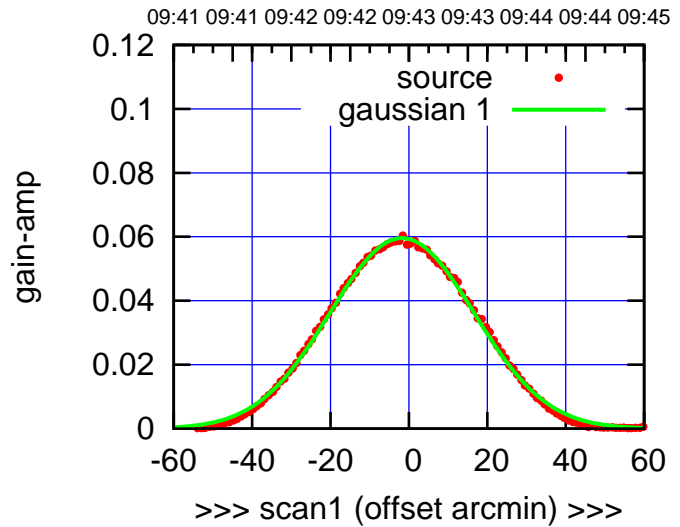


(591 MHz.)

W03-130-EL OFF= -2.4' ( 43.8')

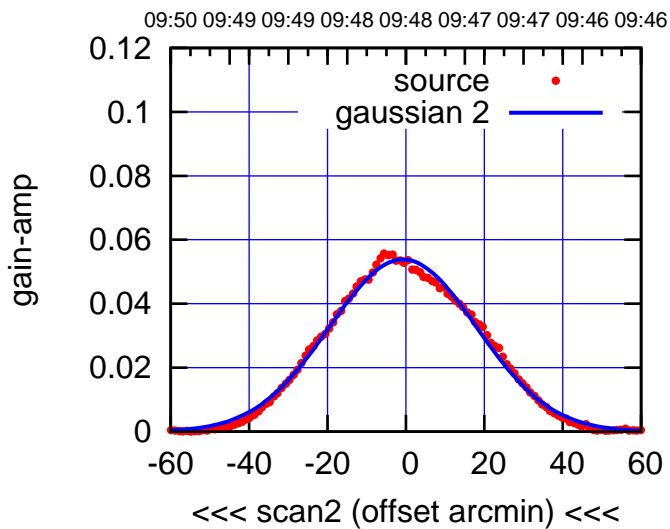


W03-175-EL OFF= -1.8' ( 43.3')

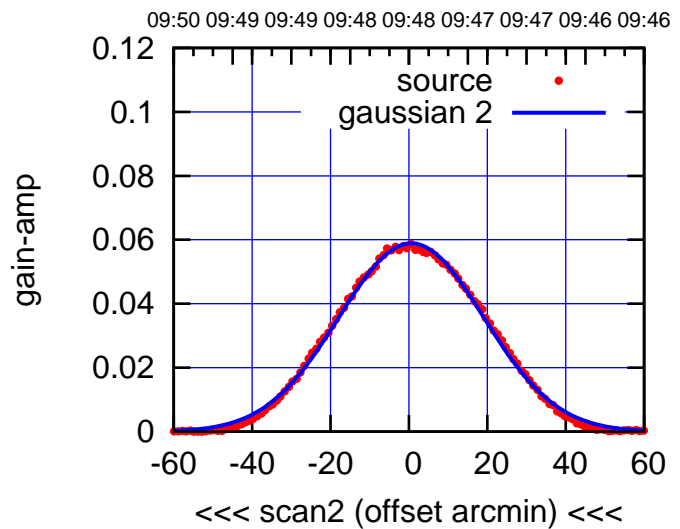


(+30'/m) 18Nov2016 09:43:00

W03-130-EL OFF= -0.8' ( 44.3')

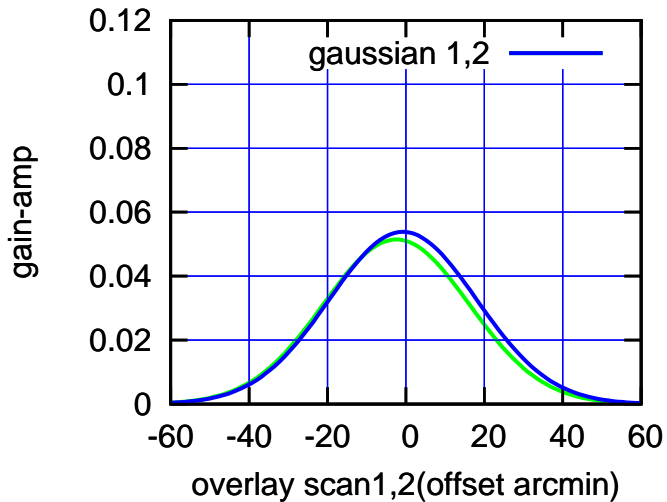


W03-175-EL OFF= 0.6' ( 43.6')

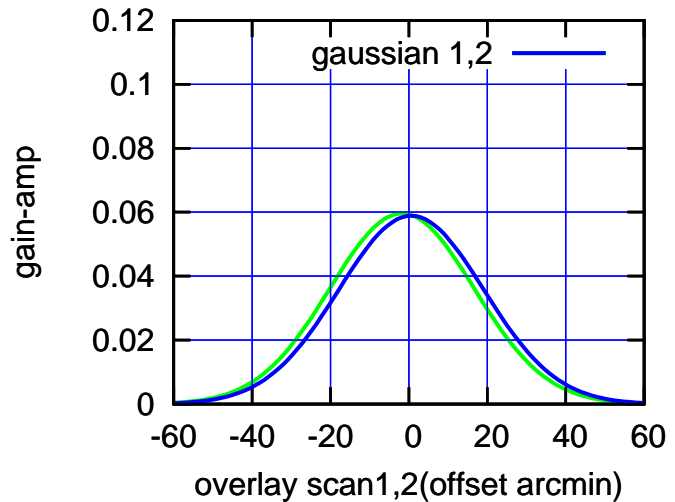


(-30'/m) 18Nov2016 09:48:00

BACKLASH ERROR= 1.6'



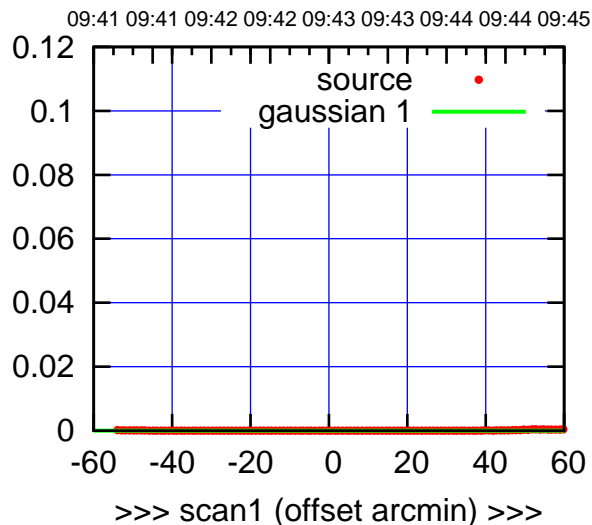
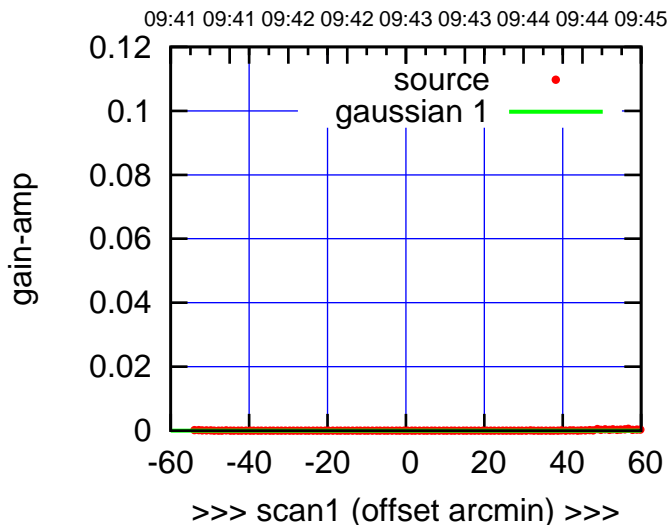
BACKLASH ERROR= 2.4'



(591 MHz.)

W04-130-EL OFF= 0.0' ( 42.4')

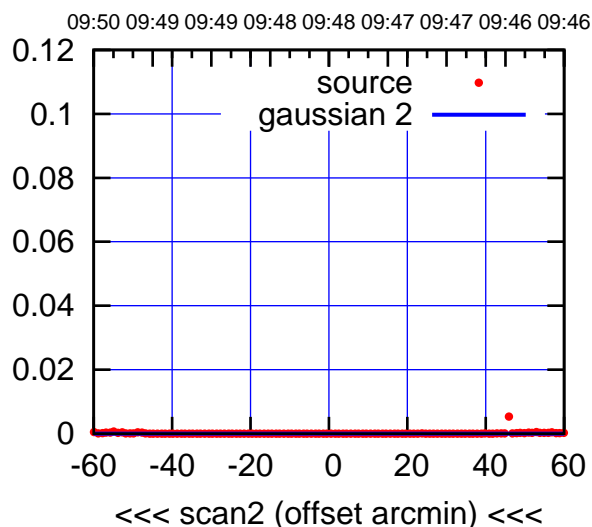
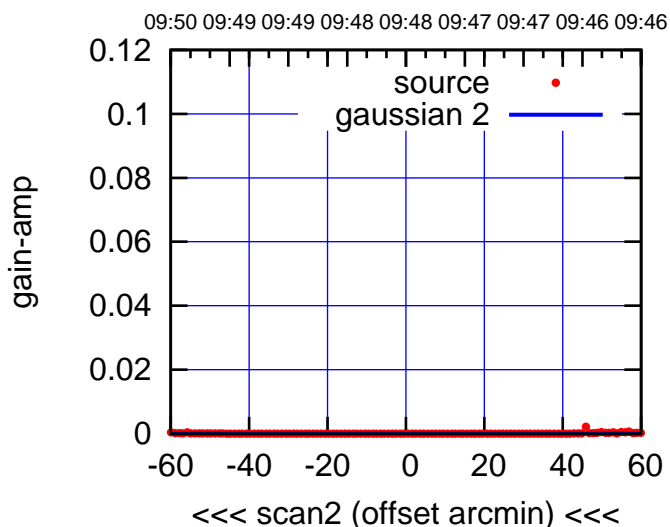
W04-175-EL OFF= 0.0' ( 42.4')



(+30'/m) 18Nov2016 09:43:00

W04-130-EL OFF= 0.0' ( 42.4')

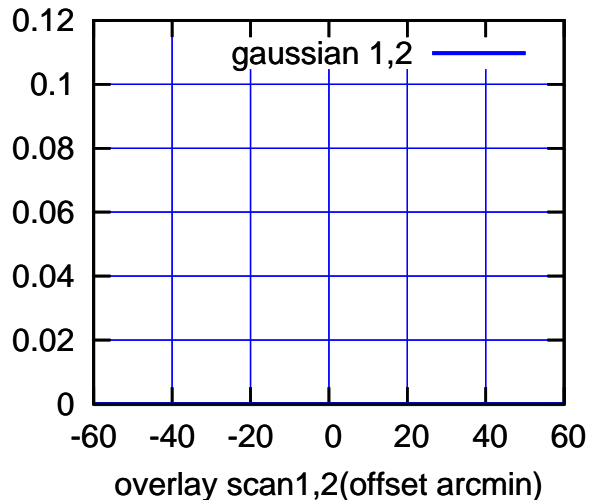
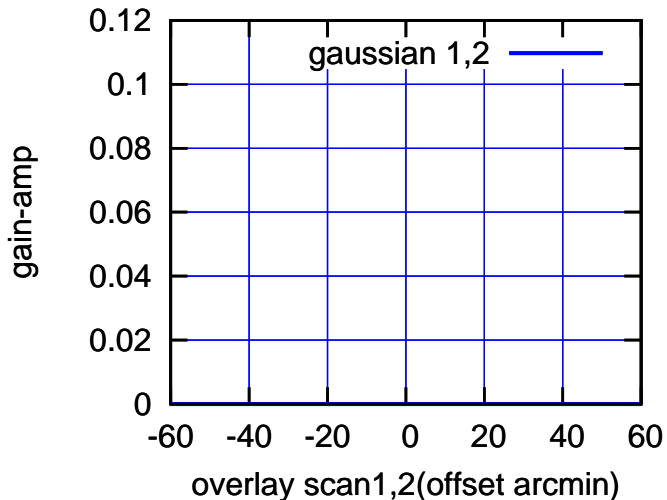
W04-175-EL OFF= 0.0' ( 42.4')



(-30'/m) 18Nov2016 09:48:00

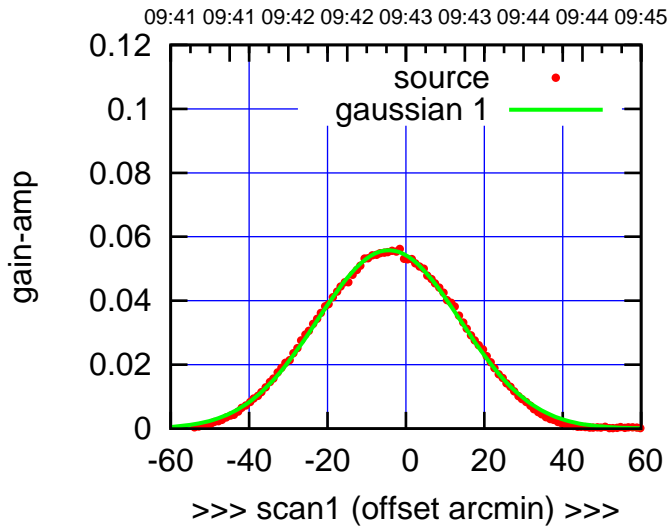
BACKLASH ERROR= 0.0'

BACKLASH ERROR= 0.0'

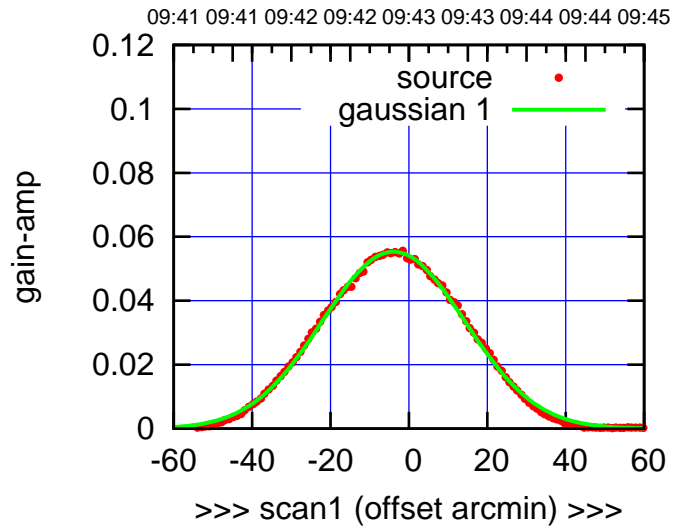


(591 MHz.)

W05-130-EL OFF= -4.4' ( 43.0')

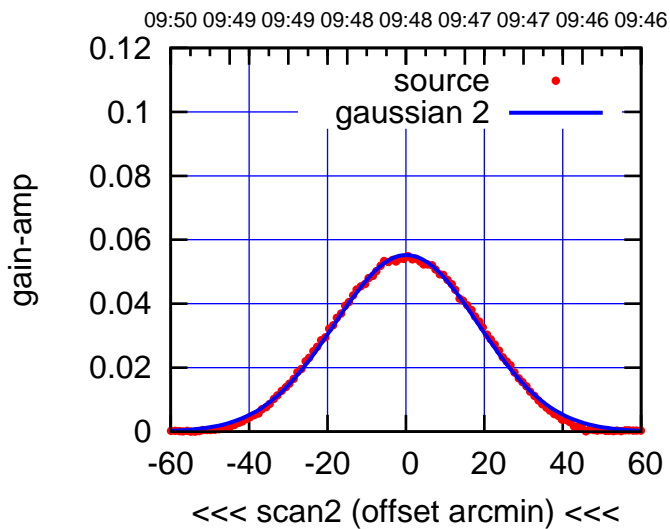


W05-175-EL OFF= -3.9' ( 42.8')

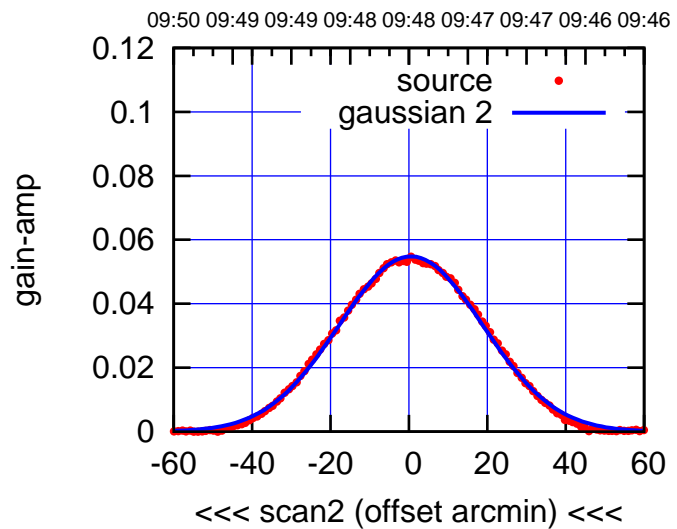


(+30'/m) 18Nov2016 09:43:00

W05-130-EL OFF= 0.1' ( 43.4')

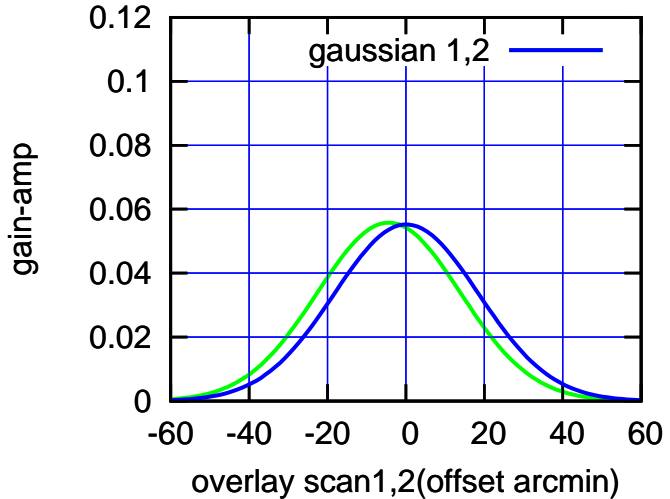


W05-175-EL OFF= 0.5' ( 43.2')

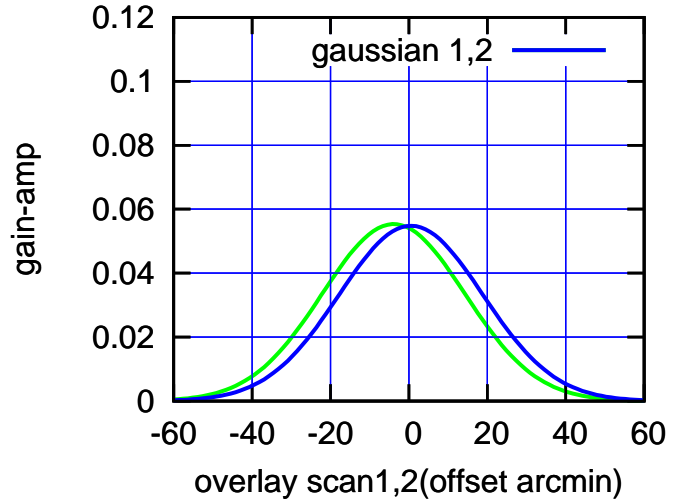


(-30'/m) 18Nov2016 09:48:00

BACKLASH ERROR= 4.5'



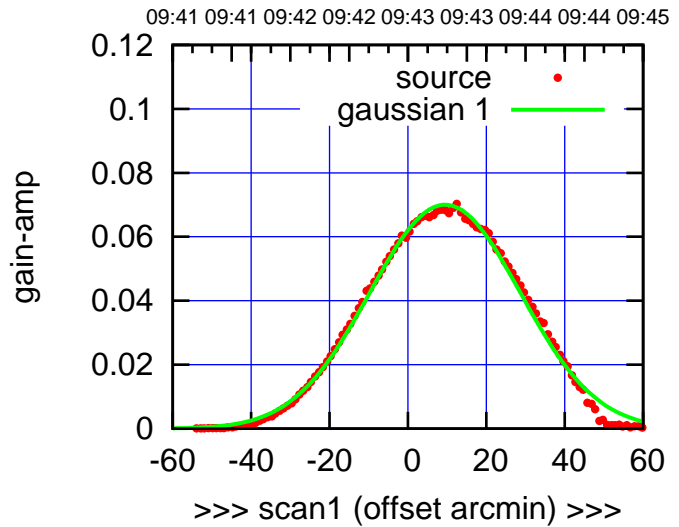
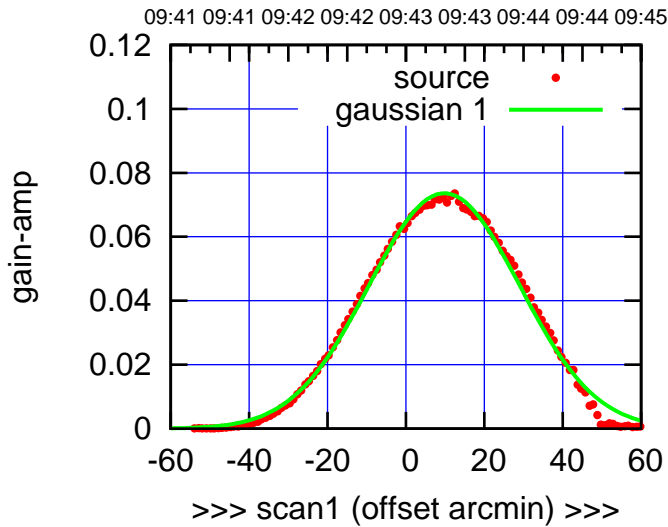
BACKLASH ERROR= 4.4'



(591 MHz.)

W06-130-EL OFF= 9.8' ( 45.4')

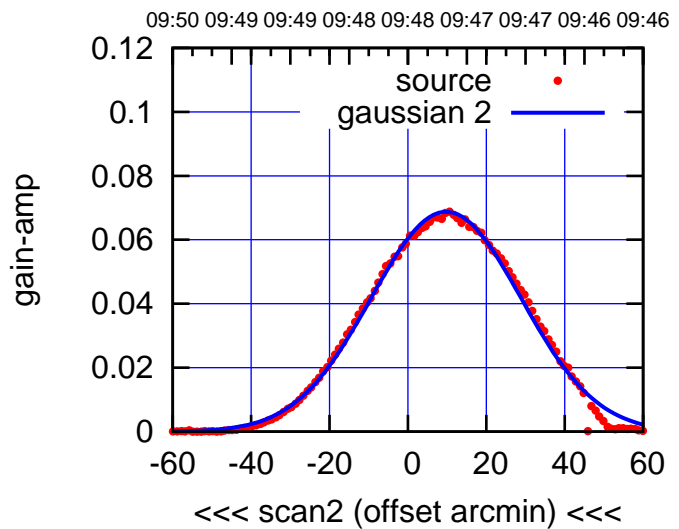
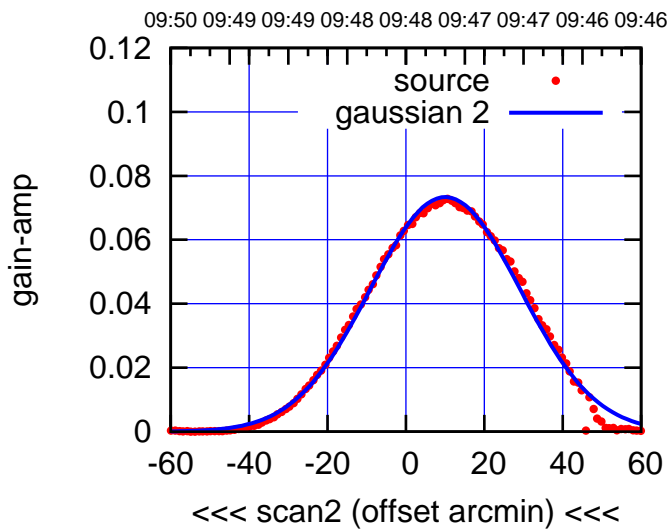
W06-175-EL OFF= 9.5' ( 45.3')



(+30'/m) 18Nov2016 09:43:00

W06-130-EL OFF= 10.0' ( 45.0')

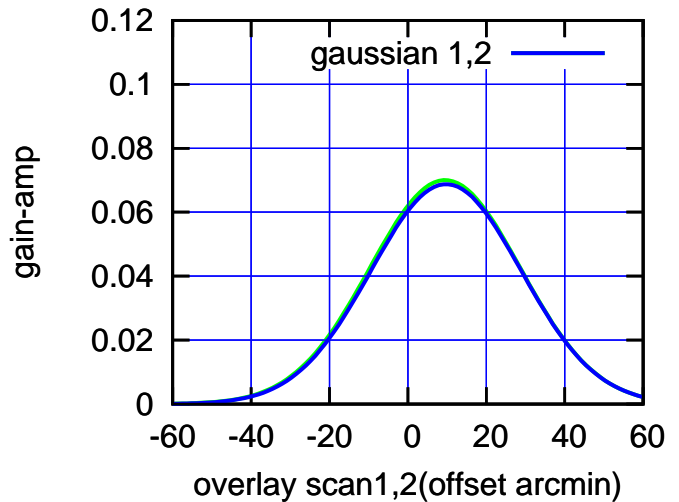
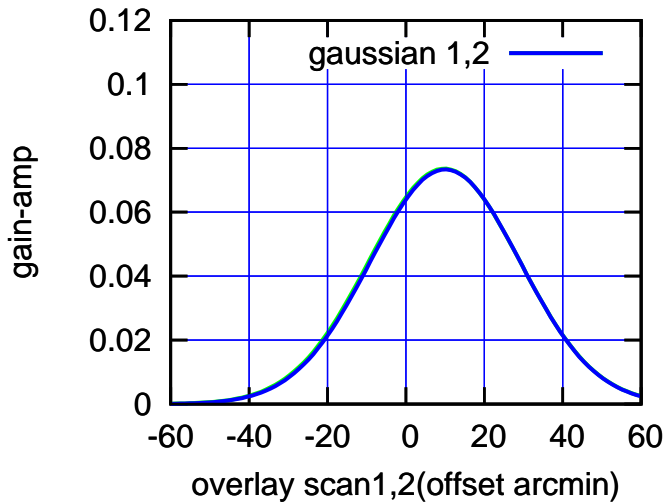
W06-175-EL OFF= 9.7' ( 45.1')



(-30'/m) 18Nov2016 09:48:00

BACKLASH ERROR= 0.2'

BACKLASH ERROR= 0.2'



(591 MHz.)

```

# backlash test   : 18Nov2016 09:43:00, 18Nov2016 09:48:00
# lta file        : /gsbifrdatal/18nov/snk_18nov2016.lta
# lta scan no(s)  : 2,3
# lta chan range  : [150,160]
# scan1 start time: 18Nov2016 09:41:00
# scan1 peak time : 18Nov2016 09:43:00
# scan1 end time  : 18Nov2016 09:45:00
# scan2 start time: 18Nov2016 09:46:00
# scan2 peak time : 18Nov2016 09:48:00
# scan2 end time  : 18Nov2016 09:50:00
# scan1 rate/speed: 30'/m
# scan2 rate/speed: -30'/m
# xrange posn     : [-60':60']
# yrange gain-amp : [0:0.12]
# frequency (MHz) : 591
# axis            : EL
# elevation(deg)  : 76.3
# antenna flag    : 1 - working, 0 - non working

```

|            |                   |                   |             |         |
|------------|-------------------|-------------------|-------------|---------|
| C00-130-EL | OFF(scan1)= -7.6  | OFF(scan2)= -4.6  | ERROR= 3.0  | FLAG= 1 |
| C00-175-EL | OFF(scan1)= -7.3  | OFF(scan2)= -4.4  | ERROR= 2.9  | FLAG= 1 |
| C01-130-EL | OFF(scan1)= -17.8 | OFF(scan2)= -15.3 | ERROR= 2.5  | FLAG= 1 |
| C01-175-EL | OFF(scan1)= -17.1 | OFF(scan2)= -14.4 | ERROR= 2.7  | FLAG= 1 |
| C02-130-EL | OFF(scan1)= -7.1  | OFF(scan2)= -6.2  | ERROR= 0.9  | FLAG= 1 |
| C02-175-EL | OFF(scan1)= -7.7  | OFF(scan2)= -6.8  | ERROR= 0.9  | FLAG= 1 |
| C03-130-EL | OFF(scan1)= -1.1  | OFF(scan2)= -0.9  | ERROR= 0.2  | FLAG= 1 |
| C03-175-EL | OFF(scan1)= -0.9  | OFF(scan2)= -1.2  | ERROR= 0.3  | FLAG= 1 |
| C04-130-EL | OFF(scan1)= -5.6  | OFF(scan2)= -4.8  | ERROR= 0.8  | FLAG= 1 |
| C04-175-EL | OFF(scan1)= -5.1  | OFF(scan2)= -4.5  | ERROR= 0.6  | FLAG= 1 |
| C05-130-EL | OFF(scan1)= -4.7  | OFF(scan2)= -4.8  | ERROR= 0.1  | FLAG= 1 |
| C05-175-EL | OFF(scan1)= -4.4  | OFF(scan2)= -4.6  | ERROR= 0.2  | FLAG= 1 |
| C06-130-EL | OFF(scan1)= -3.0  | OFF(scan2)= -3.6  | ERROR= 0.6  | FLAG= 1 |
| C06-175-EL | OFF(scan1)= -3.2  | OFF(scan2)= -3.8  | ERROR= 0.6  | FLAG= 1 |
| C08-130-EL | OFF(scan1)= -6.0  | OFF(scan2)= -5.8  | ERROR= 0.2  | FLAG= 1 |
| C08-175-EL | OFF(scan1)= -5.9  | OFF(scan2)= -5.8  | ERROR= 0.1  | FLAG= 1 |
| C09-130-EL | OFF(scan1)= -4.7  | OFF(scan2)= -3.3  | ERROR= 1.4  | FLAG= 1 |
| C09-175-EL | OFF(scan1)= -3.9  | OFF(scan2)= -3.1  | ERROR= 0.8  | FLAG= 1 |
| C10-130-EL | OFF(scan1)= 0.0   | OFF(scan2)= -4.0  | ERROR= 4.0  | FLAG= 0 |
| C10-175-EL | OFF(scan1)= 0.0   | OFF(scan2)= -4.4  | ERROR= 4.4  | FLAG= 0 |
| C11-130-EL | OFF(scan1)= -5.8  | OFF(scan2)= -5.6  | ERROR= 0.2  | FLAG= 1 |
| C11-175-EL | OFF(scan1)= -5.9  | OFF(scan2)= -5.5  | ERROR= 0.4  | FLAG= 1 |
| C12-130-EL | OFF(scan1)= -3.3  | OFF(scan2)= -2.6  | ERROR= 0.7  | FLAG= 1 |
| C12-175-EL | OFF(scan1)= -3.0  | OFF(scan2)= -2.3  | ERROR= 0.7  | FLAG= 1 |
| C13-130-EL | OFF(scan1)= -7.0  | OFF(scan2)= -6.5  | ERROR= 0.5  | FLAG= 1 |
| C13-175-EL | OFF(scan1)= -5.2  | OFF(scan2)= -4.9  | ERROR= 0.3  | FLAG= 1 |
| C14-130-EL | OFF(scan1)= -5.0  | OFF(scan2)= -3.4  | ERROR= 1.6  | FLAG= 1 |
| C14-175-EL | OFF(scan1)= 0.0   | OFF(scan2)= -11.2 | ERROR= 11.2 | FLAG= 0 |
| E02-130-EL | OFF(scan1)= -0.5  | OFF(scan2)= -0.0  | ERROR= 0.5  | FLAG= 1 |
| E02-175-EL | OFF(scan1)= -0.3  | OFF(scan2)= 0.1   | ERROR= 0.4  | FLAG= 1 |
| E03-130-EL | OFF(scan1)= -4.1  | OFF(scan2)= -2.6  | ERROR= 1.5  | FLAG= 1 |
| E03-175-EL | OFF(scan1)= -4.2  | OFF(scan2)= -2.6  | ERROR= 1.6  | FLAG= 1 |
| E04-130-EL | OFF(scan1)= -4.0  | OFF(scan2)= -3.2  | ERROR= 0.8  | FLAG= 1 |
| E04-175-EL | OFF(scan1)= -3.7  | OFF(scan2)= -2.9  | ERROR= 0.8  | FLAG= 1 |
| E05-130-EL | OFF(scan1)= -4.7  | OFF(scan2)= -4.5  | ERROR= 0.2  | FLAG= 1 |
| E05-175-EL | OFF(scan1)= -3.9  | OFF(scan2)= -3.6  | ERROR= 0.3  | FLAG= 1 |
| E06-130-EL | OFF(scan1)= -3.4  | OFF(scan2)= -2.9  | ERROR= 0.5  | FLAG= 1 |
| E06-175-EL | OFF(scan1)= -3.3  | OFF(scan2)= -2.8  | ERROR= 0.5  | FLAG= 1 |
| S01-130-EL | OFF(scan1)= -8.7  | OFF(scan2)= -8.3  | ERROR= 0.4  | FLAG= 1 |
| S01-175-EL | OFF(scan1)= -8.3  | OFF(scan2)= -7.8  | ERROR= 0.5  | FLAG= 1 |
| S02-130-EL | OFF(scan1)= -7.6  | OFF(scan2)= -2.0  | ERROR= 5.6  | FLAG= 1 |
| S02-175-EL | OFF(scan1)= -7.5  | OFF(scan2)= -1.9  | ERROR= 5.6  | FLAG= 1 |
| S03-130-EL | OFF(scan1)= -3.0  | OFF(scan2)= -3.1  | ERROR= 0.1  | FLAG= 1 |
| S03-175-EL | OFF(scan1)= -3.5  | OFF(scan2)= -3.5  | ERROR= 0.0  | FLAG= 1 |
| S04-130-EL | OFF(scan1)= -4.2  | OFF(scan2)= -2.6  | ERROR= 1.6  | FLAG= 1 |
| S04-175-EL | OFF(scan1)= -3.9  | OFF(scan2)= -2.3  | ERROR= 1.6  | FLAG= 1 |
| S06-130-EL | OFF(scan1)= -4.3  | OFF(scan2)= -1.0  | ERROR= 3.3  | FLAG= 1 |
| S06-175-EL | OFF(scan1)= -5.0  | OFF(scan2)= -1.6  | ERROR= 3.4  | FLAG= 1 |

|            |             |      |             |      |        |     |       |   |
|------------|-------------|------|-------------|------|--------|-----|-------|---|
| W01-130-EL | OFF(scan1)= | 0.2  | OFF(scan2)= | 4.6  | ERROR= | 4.4 | FLAG= | 1 |
| W01-175-EL | OFF(scan1)= | 0.2  | OFF(scan2)= | 4.6  | ERROR= | 4.4 | FLAG= | 1 |
| W02-130-EL | OFF(scan1)= | -1.6 | OFF(scan2)= | -0.8 | ERROR= | 0.8 | FLAG= | 1 |
| W02-175-EL | OFF(scan1)= | -1.4 | OFF(scan2)= | -0.6 | ERROR= | 0.8 | FLAG= | 1 |
| W03-130-EL | OFF(scan1)= | -2.4 | OFF(scan2)= | -0.8 | ERROR= | 1.6 | FLAG= | 1 |
| W03-175-EL | OFF(scan1)= | -1.8 | OFF(scan2)= | 0.6  | ERROR= | 2.4 | FLAG= | 1 |
| W04-130-EL | OFF(scan1)= | 0.0  | OFF(scan2)= | 0.0  | ERROR= | 0.0 | FLAG= | 0 |
| W04-175-EL | OFF(scan1)= | 0.0  | OFF(scan2)= | 0.0  | ERROR= | 0.0 | FLAG= | 0 |
| W05-130-EL | OFF(scan1)= | -4.4 | OFF(scan2)= | 0.1  | ERROR= | 4.5 | FLAG= | 1 |
| W05-175-EL | OFF(scan1)= | -3.9 | OFF(scan2)= | 0.5  | ERROR= | 4.4 | FLAG= | 1 |
| W06-130-EL | OFF(scan1)= | 9.8  | OFF(scan2)= | 10.0 | ERROR= | 0.2 | FLAG= | 1 |
| W06-175-EL | OFF(scan1)= | 9.5  | OFF(scan2)= | 9.7  | ERROR= | 0.2 | FLAG= | 1 |