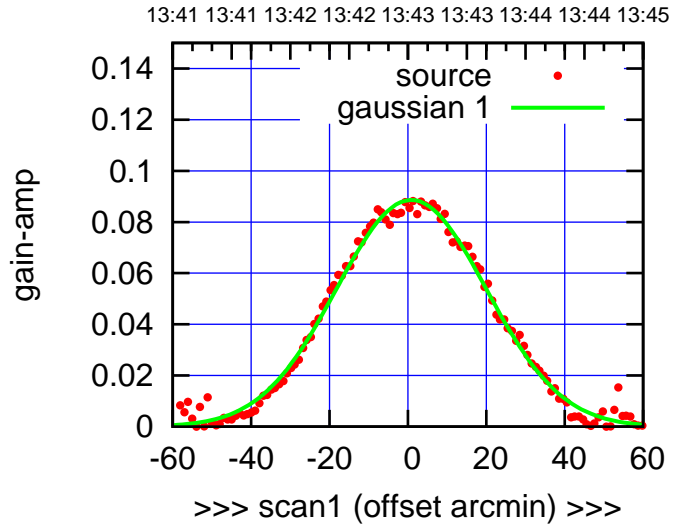
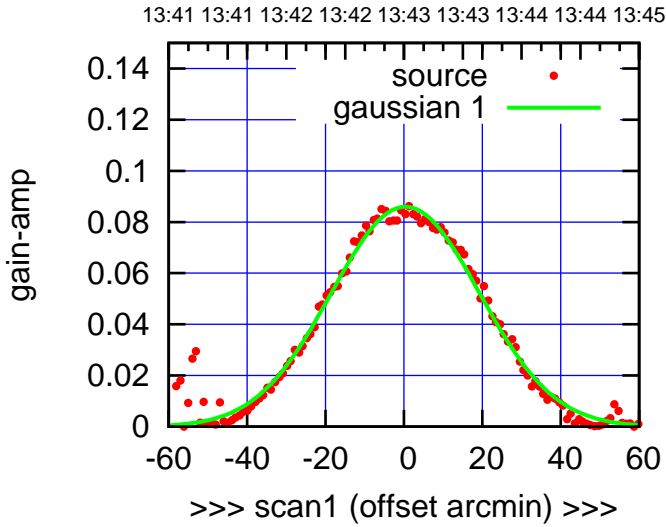


C00-130-EL OFF= 0.4' (44.6')

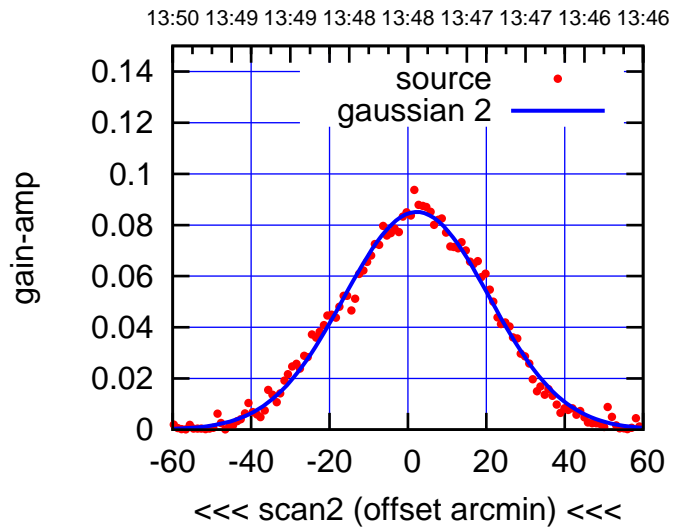
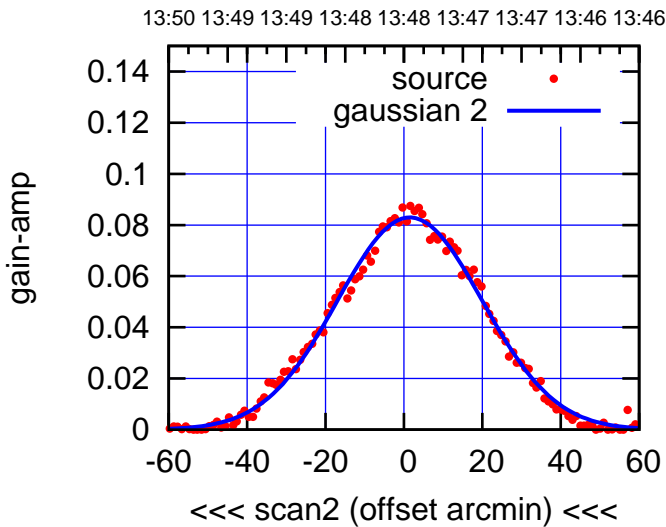
C00-175-EL OFF= 0.9' (45.1')



(+30'/m) 21Jul2017 13:43:00

C00-130-EL OFF= 1.5' (43.6')

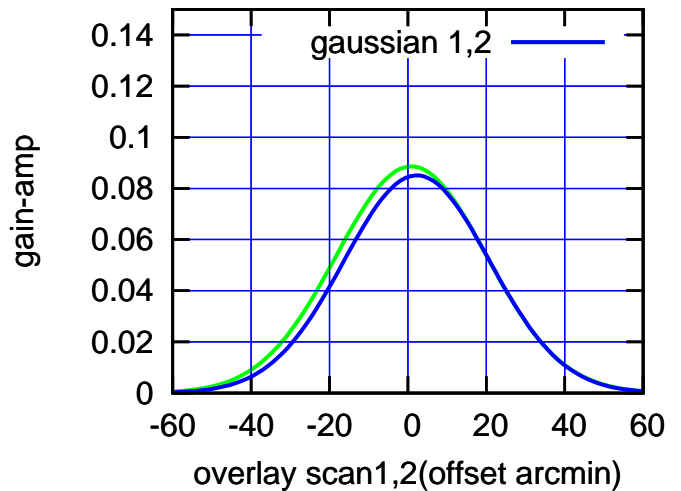
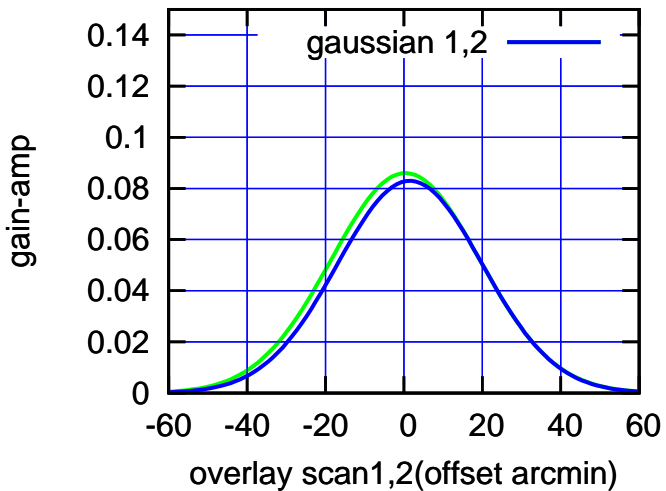
C00-175-EL OFF= 2.3' (43.8')



(-30'/m) 21Jul2017 13:48:00

BACKLASH ERROR= 1.1'

BACKLASH ERROR= 1.4'



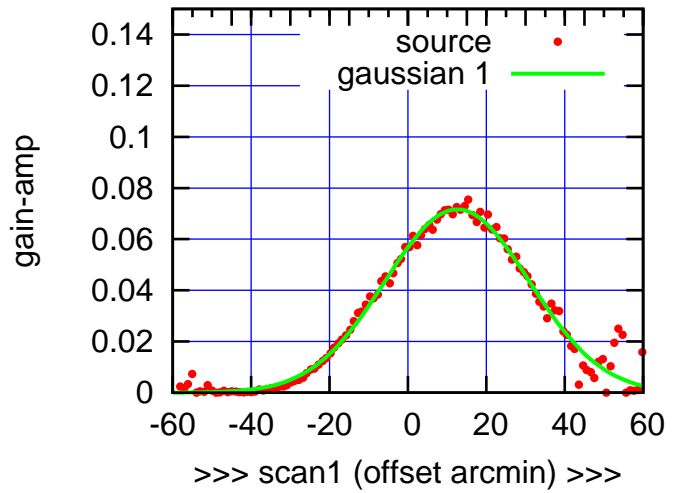
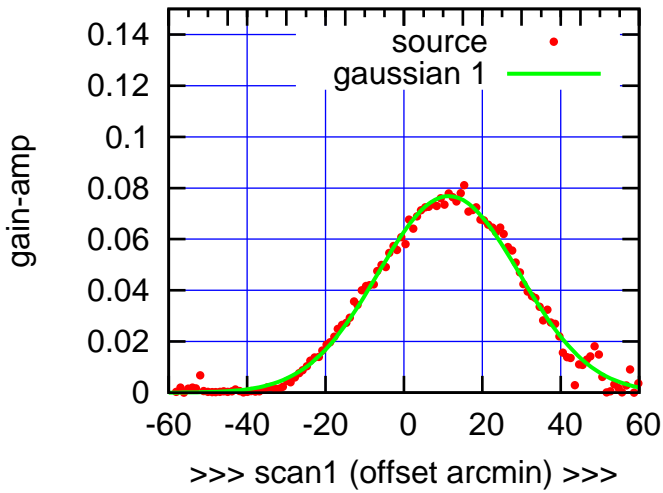
(591 MHz.)

C01-130-EL OFF= 11.4' (42.5')

C01-175-EL OFF= 12.6' (43.4')

13:41 13:41 13:42 13:42 13:43 13:43 13:44 13:44 13:45

13:41 13:41 13:42 13:42 13:43 13:43 13:44 13:44 13:45



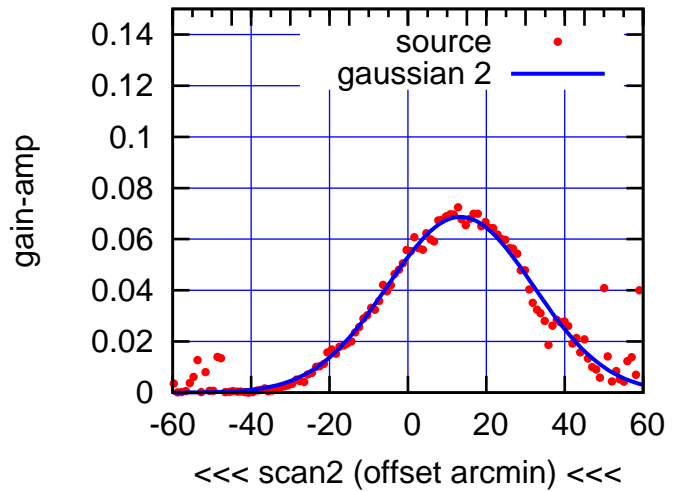
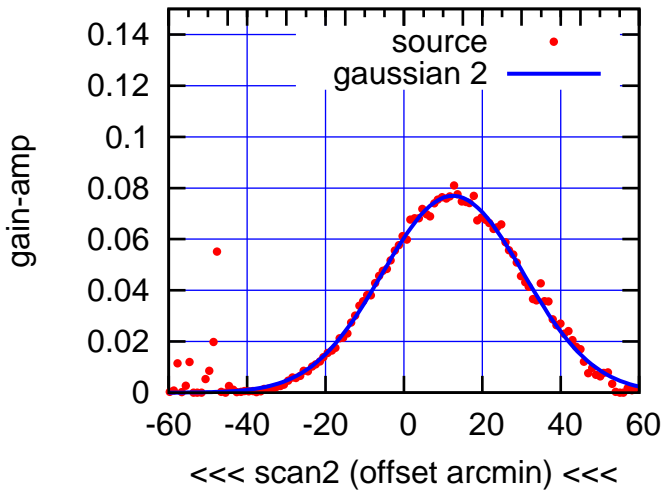
(+30'/m) 21Jul2017 13:43:00

C01-130-EL OFF= 12.5' (42.4')

C01-175-EL OFF= 13.4' (43.9')

13:50 13:49 13:49 13:48 13:48 13:47 13:47 13:46 13:46

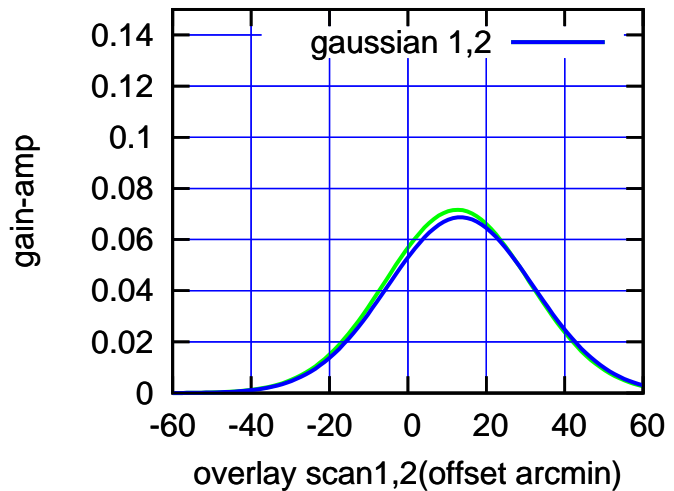
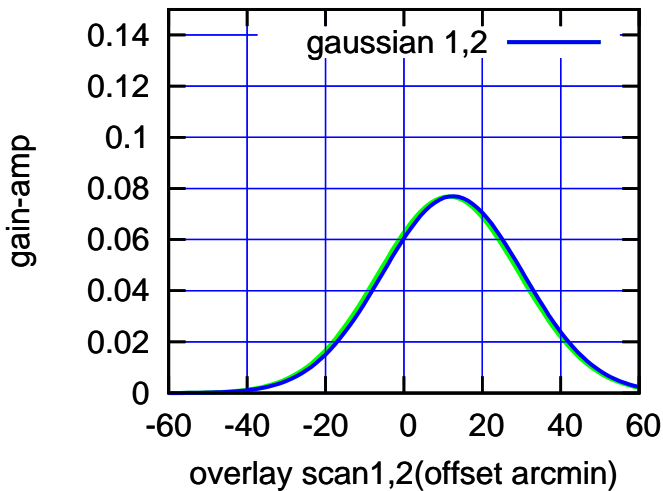
13:50 13:49 13:49 13:48 13:48 13:47 13:47 13:46 13:46



(-30'/m) 21Jul2017 13:48:00

BACKLASH ERROR= 1.1'

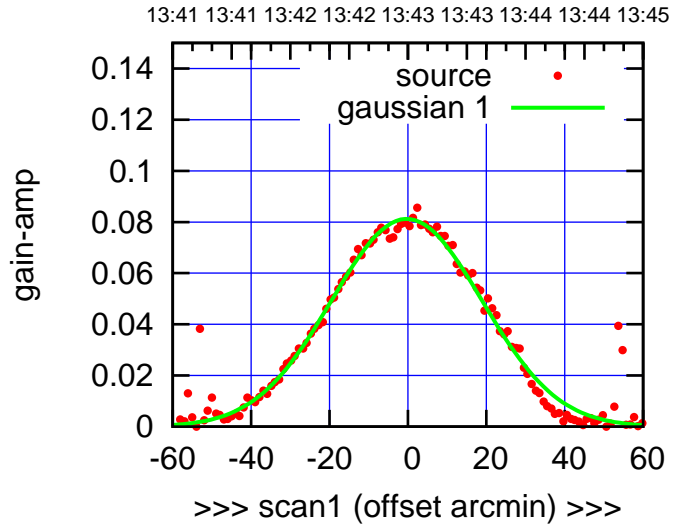
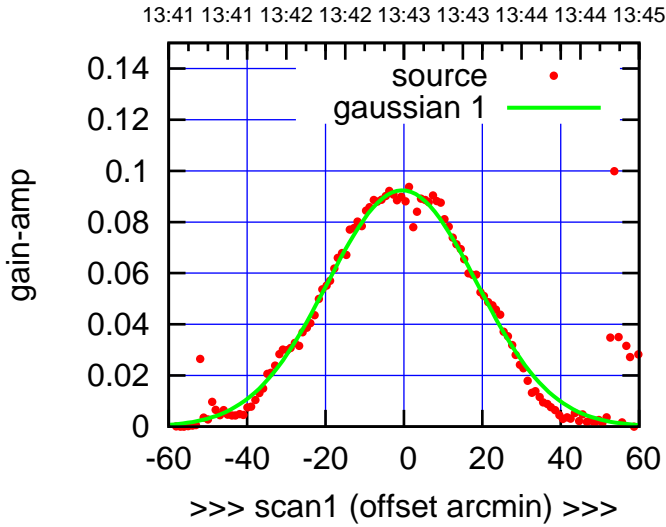
BACKLASH ERROR= 0.8'



(591 MHz.)

C02-130-EL OFF= -0.4' (45.0')

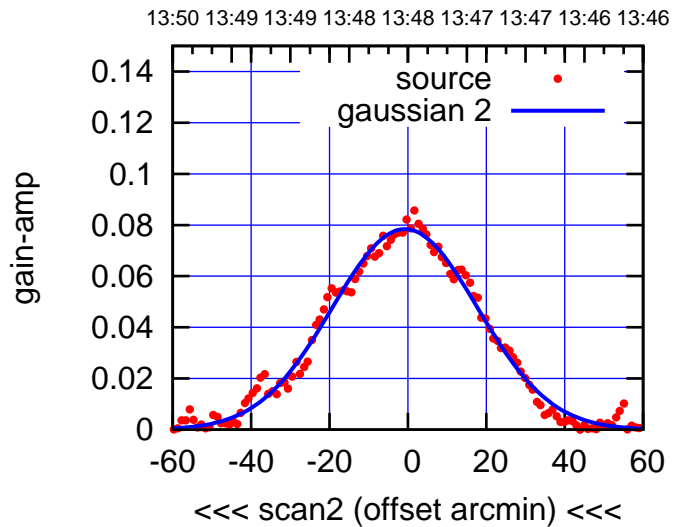
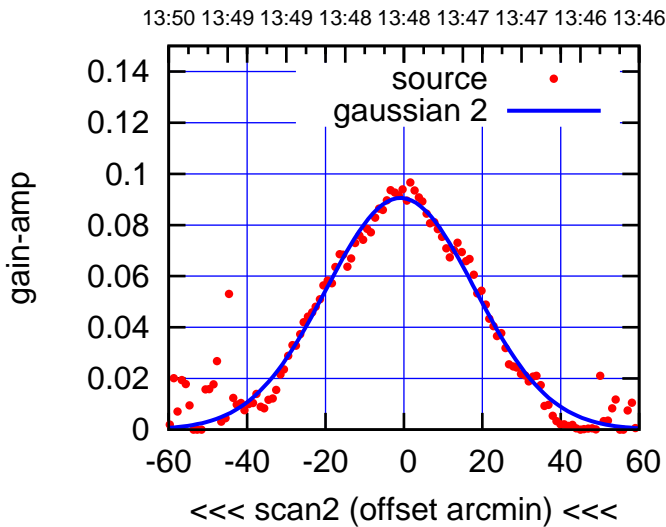
C02-175-EL OFF= -0.3' (45.3')



(+30'/m) 21Jul2017 13:43:00

C02-130-EL OFF= -0.8' (44.7')

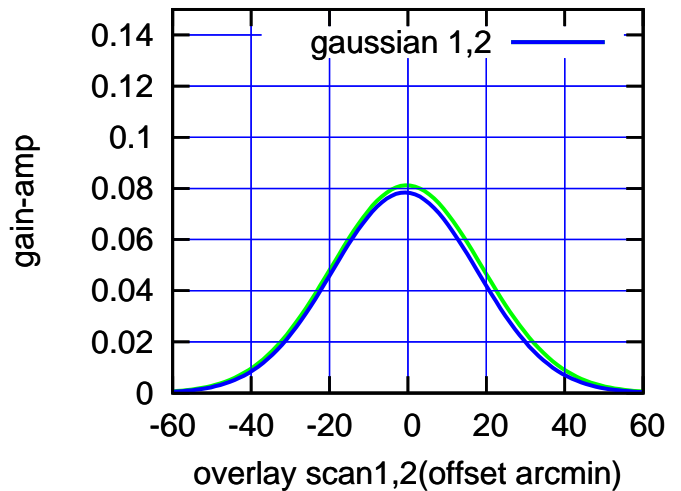
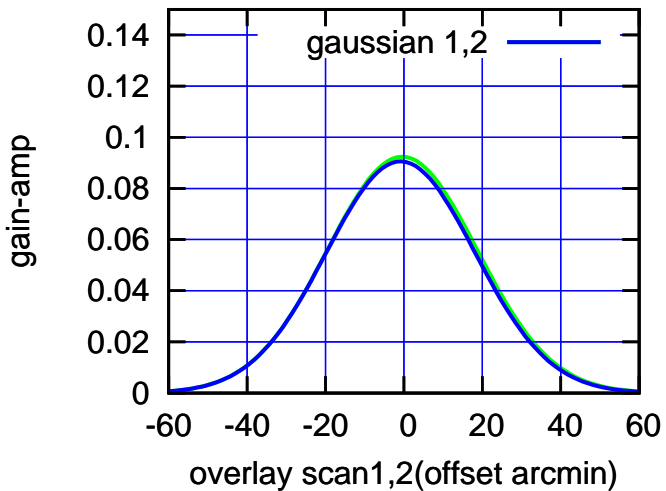
C02-175-EL OFF= -0.8' (43.7')



(-30'/m) 21Jul2017 13:48:00

BACKLASH ERROR= 0.4'

BACKLASH ERROR= 0.5'



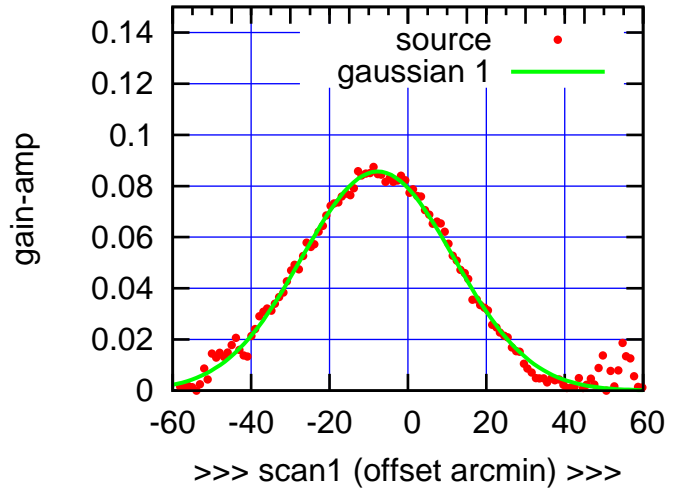
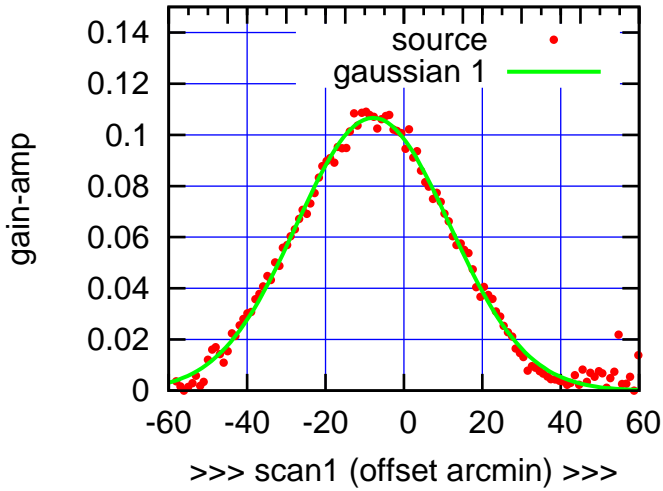
(591 MHz.)

C03-130-EL OFF= -7.9' (46.1')

C03-175-EL OFF= -7.7' (45.7')

13:41 13:41 13:42 13:42 13:43 13:43 13:44 13:44 13:45

13:41 13:41 13:42 13:42 13:43 13:43 13:44 13:44 13:45



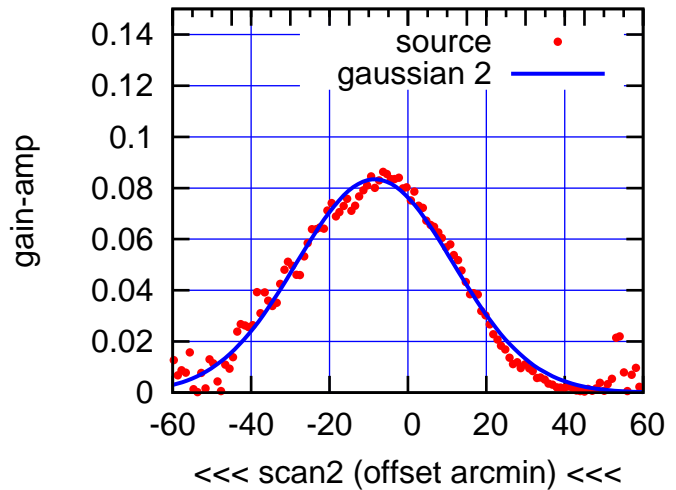
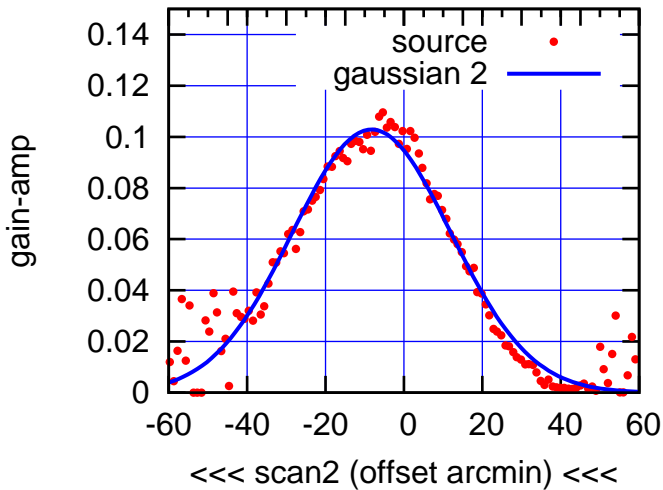
(+30'/m) 21Jul2017 13:43:00

C03-130-EL OFF= -8.2' (47.7')

C03-175-EL OFF= -8.4' (47.1')

13:50 13:49 13:49 13:48 13:48 13:47 13:47 13:46 13:46

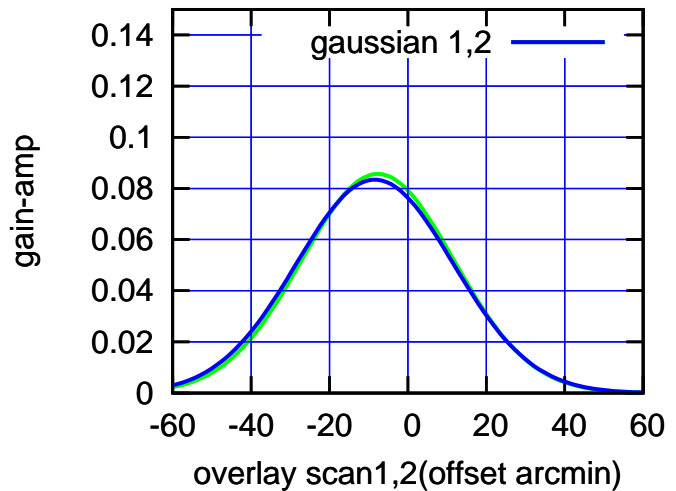
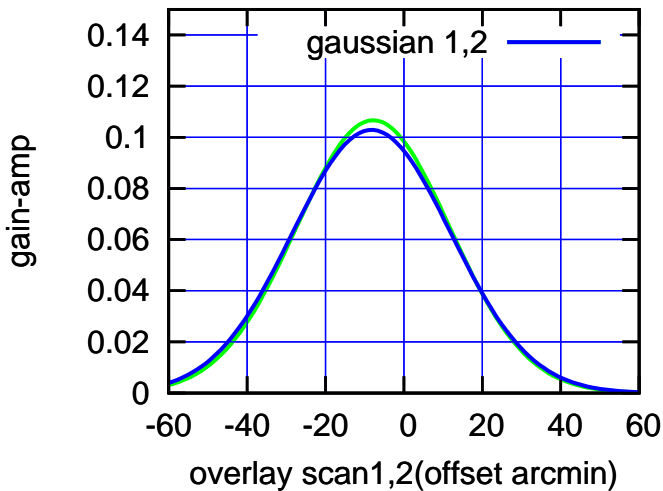
13:50 13:49 13:49 13:48 13:48 13:47 13:47 13:46 13:46



(-30'/m) 21Jul2017 13:48:00

BACKLASH ERROR= 0.3'

BACKLASH ERROR= 0.7'



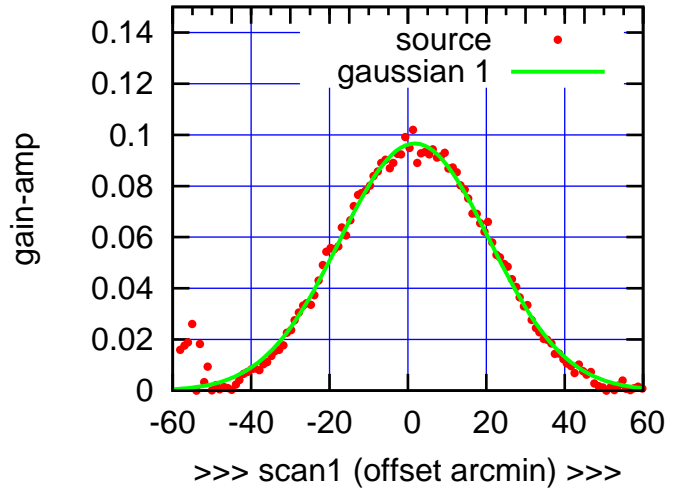
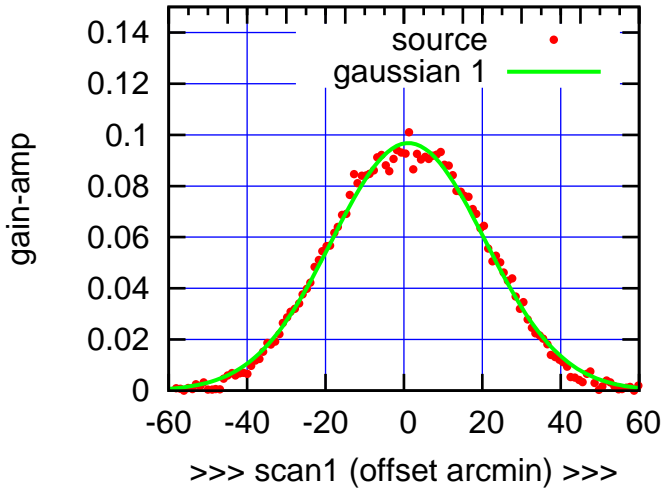
(591 MHz.)

C04-130-EL OFF= 1.2' (46.1')

C04-175-EL OFF= 1.7' (45.1')

13:41 13:41 13:42 13:42 13:43 13:43 13:44 13:44 13:45

13:41 13:41 13:42 13:42 13:43 13:43 13:44 13:44 13:45



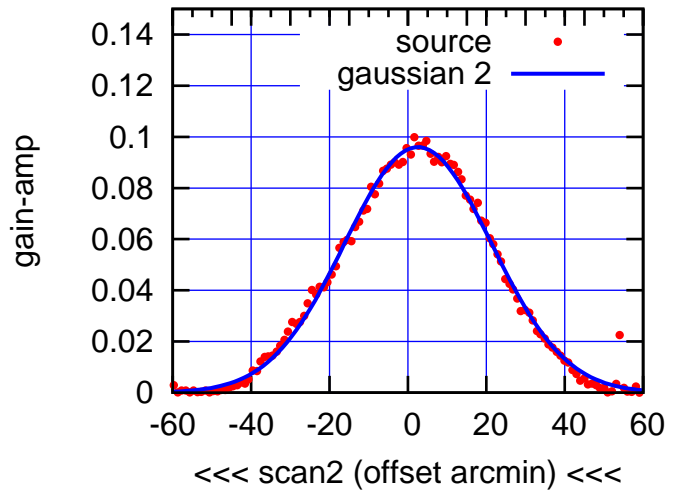
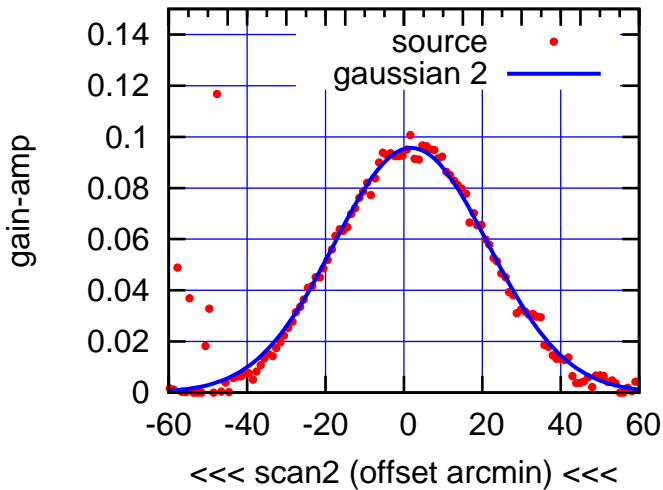
(+30'/m) 21Jul2017 13:43:00

C04-130-EL OFF= 1.8' (46.3')

C04-175-EL OFF= 2.6' (44.2')

13:50 13:49 13:49 13:48 13:48 13:47 13:47 13:46 13:46

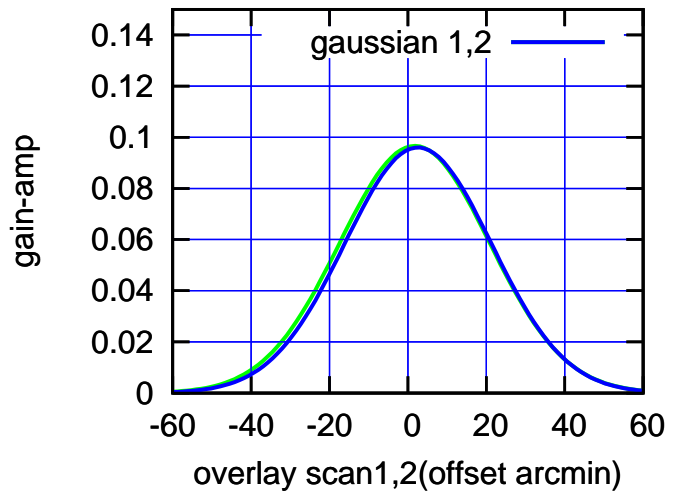
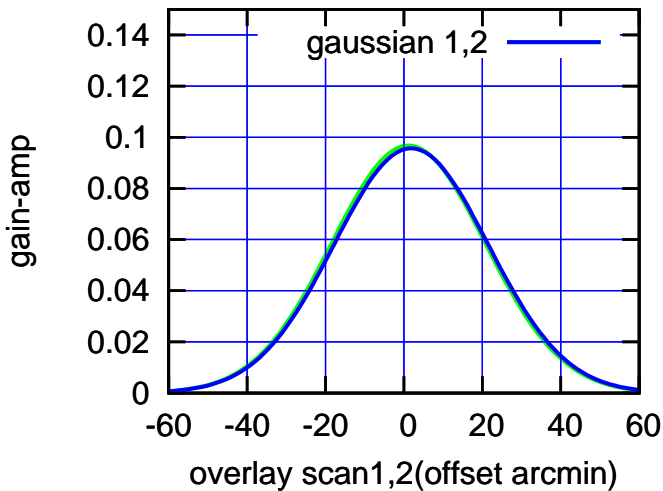
13:50 13:49 13:49 13:48 13:48 13:47 13:47 13:46 13:46



(-30'/m) 21Jul2017 13:48:00

BACKLASH ERROR= 0.6'

BACKLASH ERROR= 0.9'



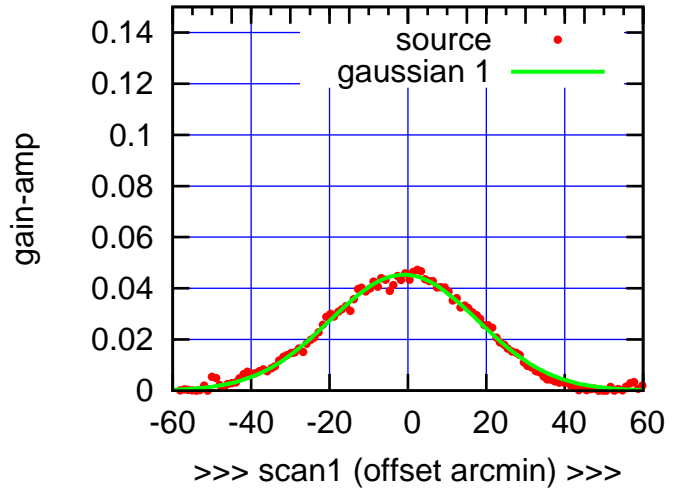
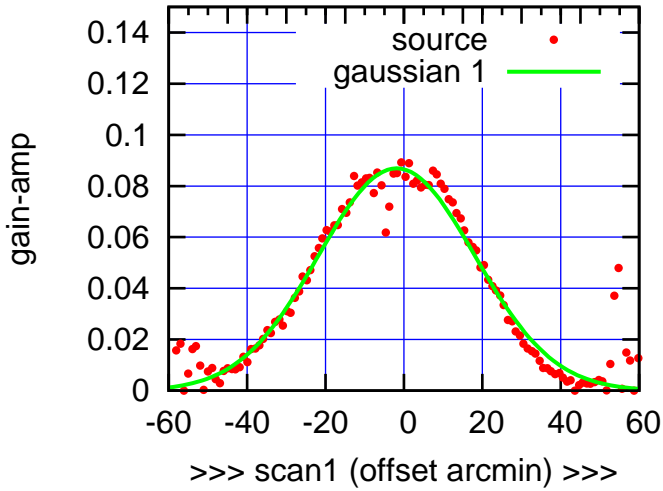
(591 MHz.)

C05-130-EL OFF= -1.9' (47.1')

C05-175-EL OFF= -1.0' (44.3')

13:41 13:41 13:42 13:42 13:43 13:43 13:44 13:44 13:45

13:41 13:41 13:42 13:42 13:43 13:43 13:44 13:44 13:45



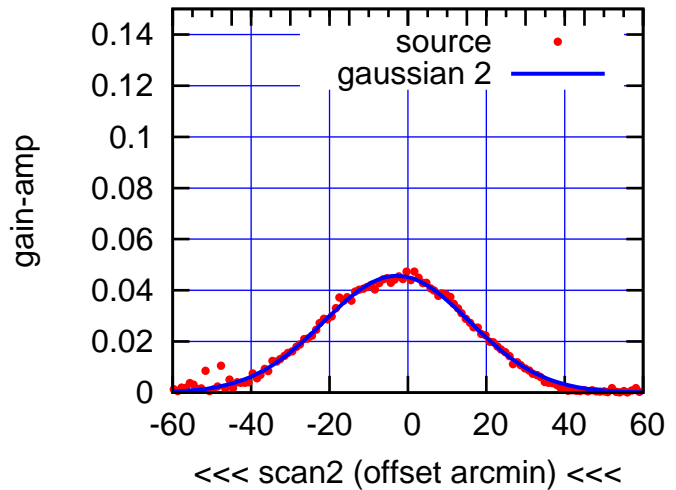
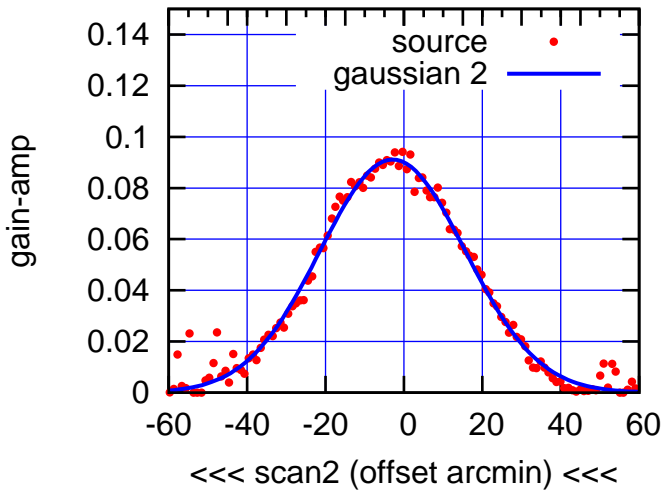
(+30'/m) 21Jul2017 13:43:00

C05-130-EL OFF= -2.9' (43.8')

C05-175-EL OFF= -2.8' (43.9')

13:50 13:49 13:49 13:48 13:48 13:47 13:47 13:46 13:46

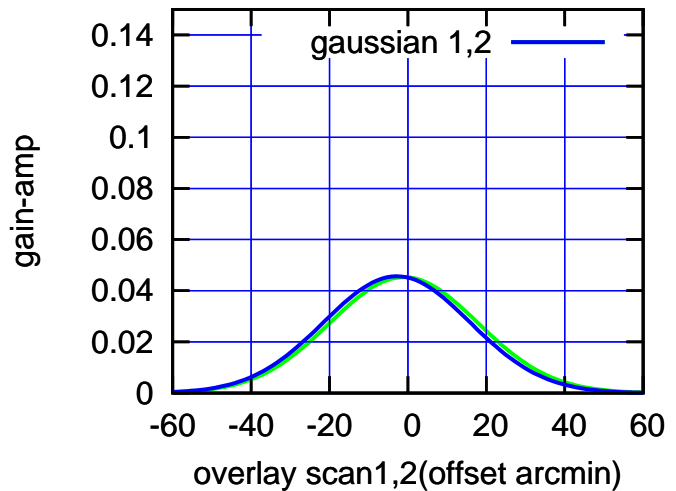
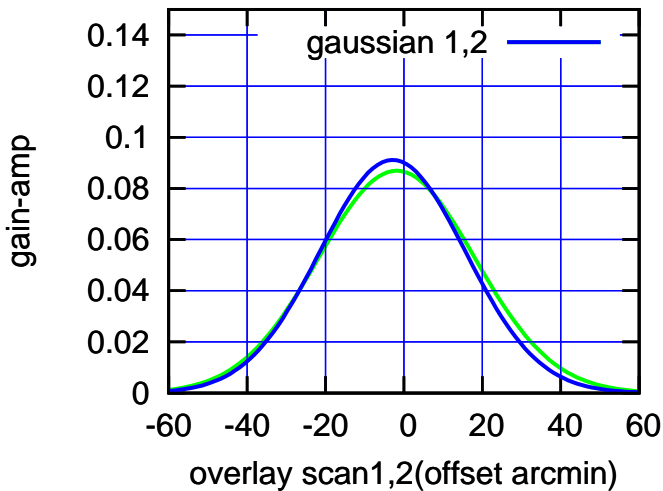
13:50 13:49 13:49 13:48 13:48 13:47 13:47 13:46 13:46



(-30'/m) 21Jul2017 13:48:00

BACKLASH ERROR= 1.0'

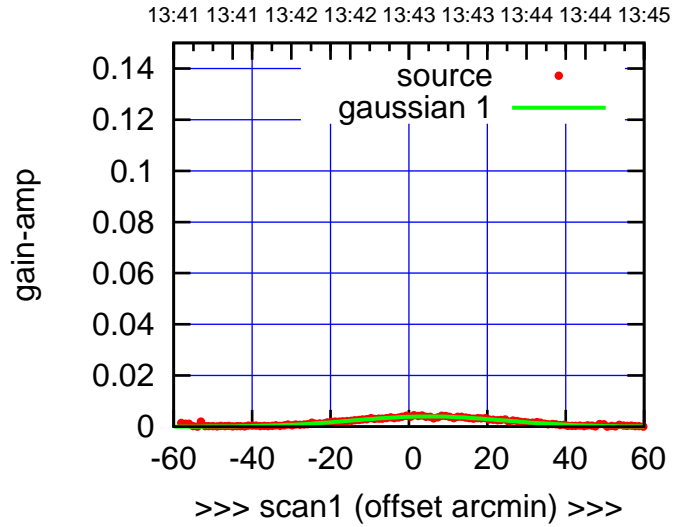
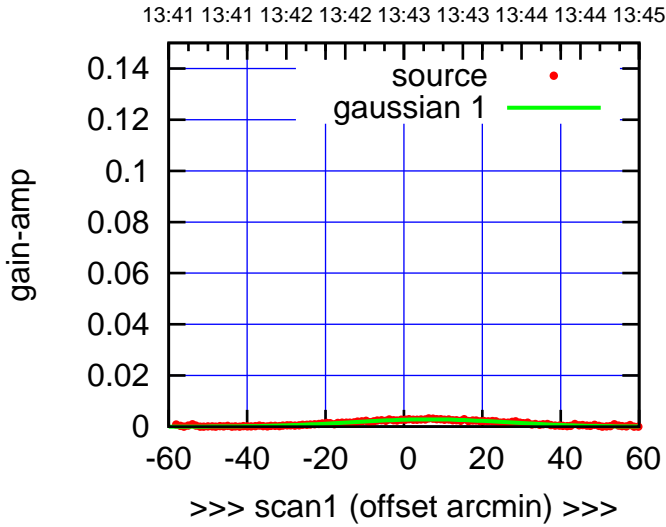
BACKLASH ERROR= 1.8'



(591 MHz.)

C06-130-EL OFF= 0.0' (46.2')

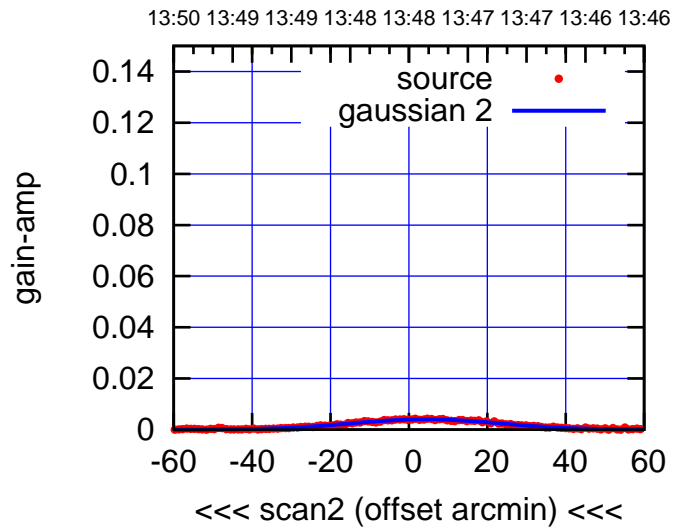
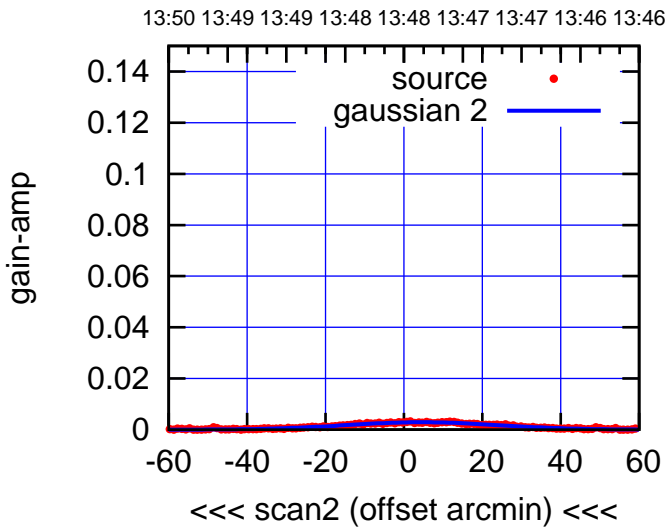
C06-175-EL OFF= 0.0' (45.2')



(+30'/m) 21Jul2017 13:43:00

C06-130-EL OFF= 0.0' (45.8')

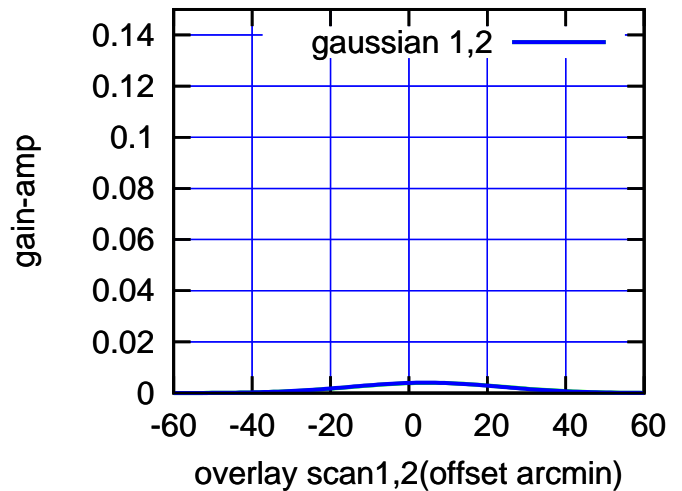
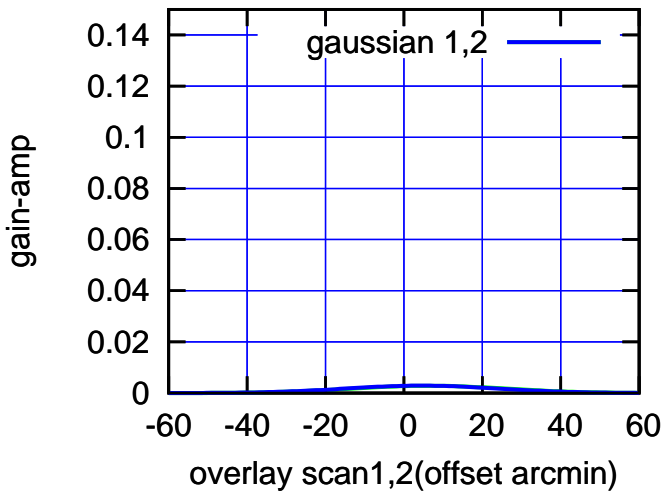
C06-175-EL OFF= 0.0' (44.4')



(-30'/m) 21Jul2017 13:48:00

BACKLASH ERROR= 0.0'

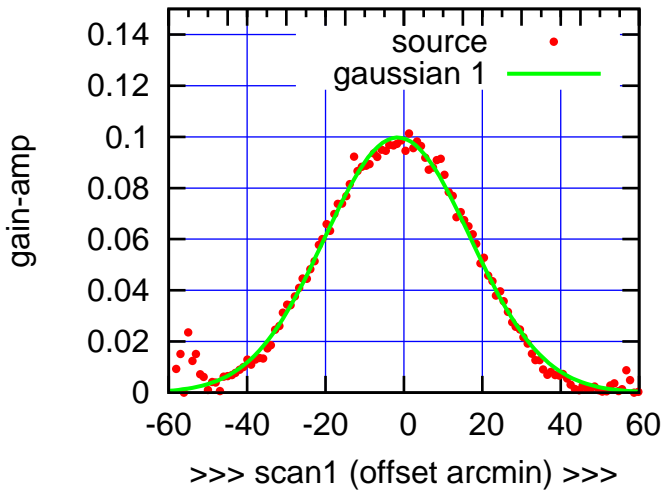
BACKLASH ERROR= 0.0'



(591 MHz.)

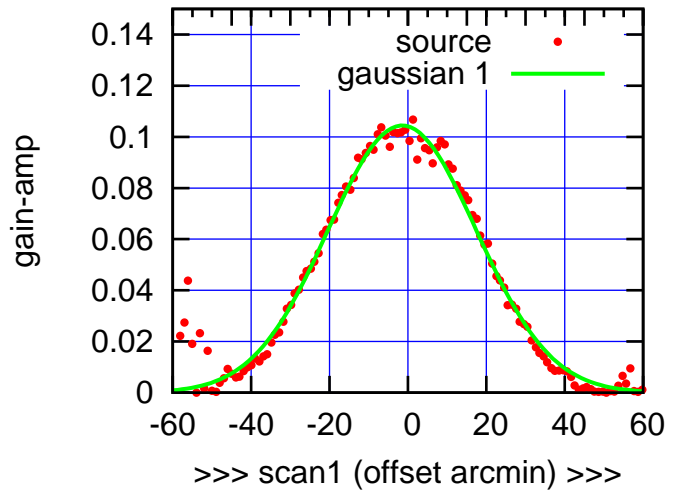
C08-130-EL OFF= -1.6' (43.8')

13:41 13:41 13:42 13:42 13:43 13:43 13:44 13:44 13:45



C08-175-EL OFF= -1.5' (44.7')

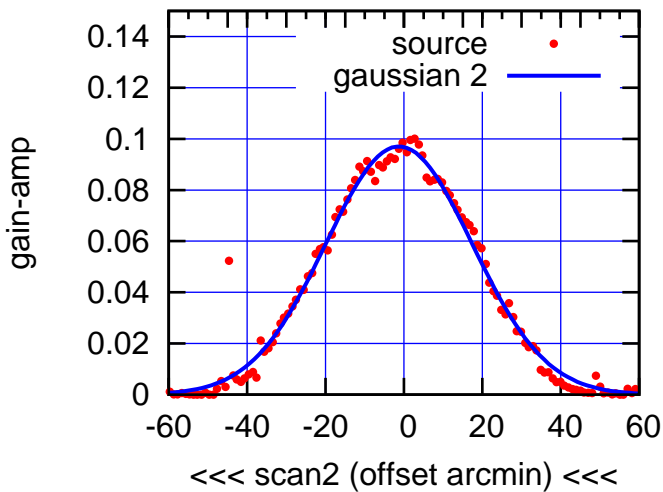
13:41 13:41 13:42 13:42 13:43 13:43 13:44 13:44 13:45



(+30'/m) 21Jul2017 13:43:00

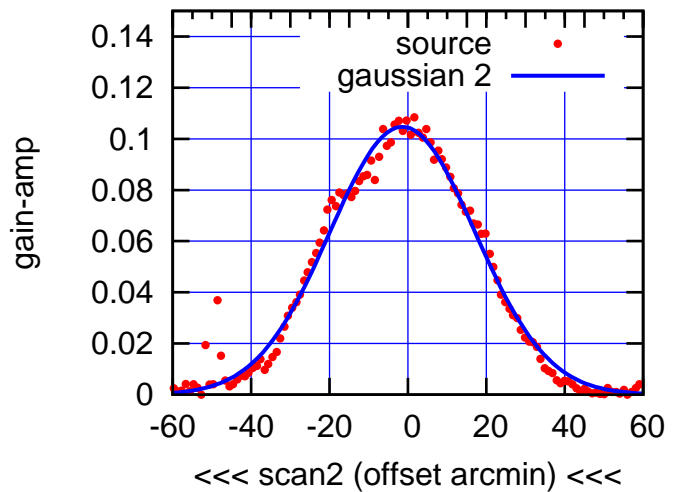
C08-130-EL OFF= -1.3' (44.1')

13:50 13:49 13:49 13:48 13:48 13:47 13:47 13:46 13:46



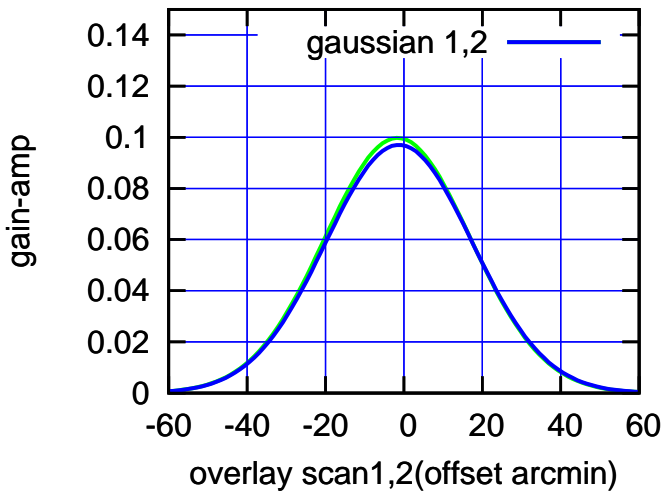
C08-175-EL OFF= -1.4' (43.6')

13:50 13:49 13:49 13:48 13:48 13:47 13:47 13:46 13:46

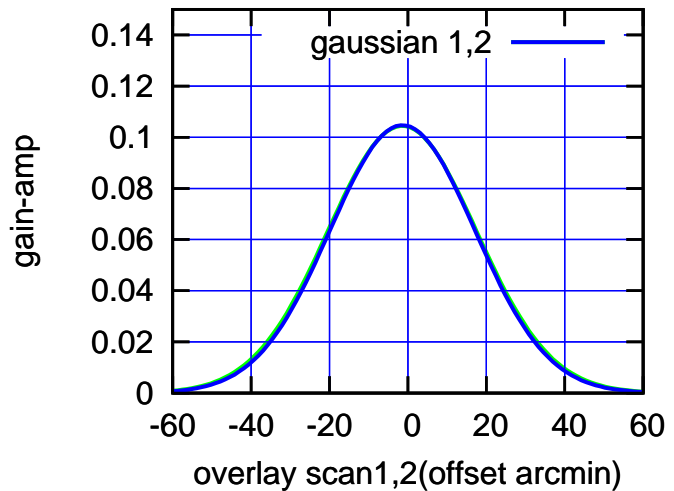


(-30'/m) 21Jul2017 13:48:00

BACKLASH ERROR= 0.3'



BACKLASH ERROR= 0.1'



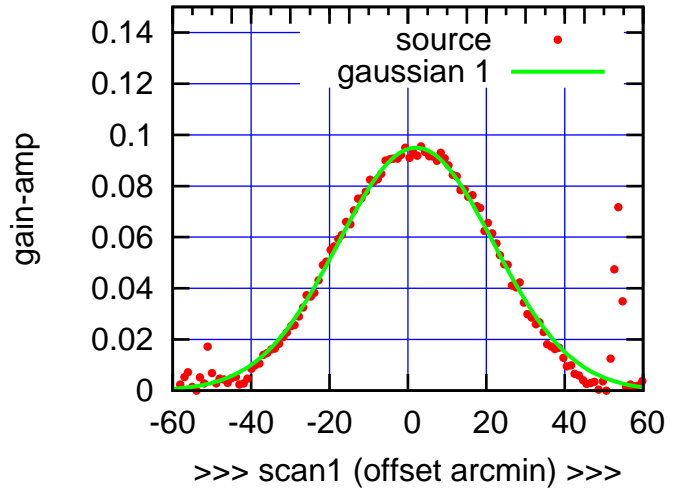
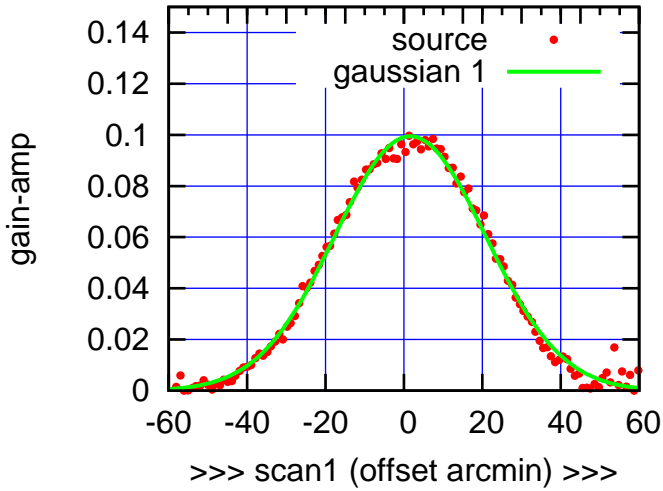
(591 MHz.)

C09-130-EL OFF= 1.6' (45.4')

C09-175-EL OFF= 2.0' (46.7')

13:41 13:41 13:42 13:42 13:43 13:43 13:44 13:44 13:45

13:41 13:41 13:42 13:42 13:43 13:43 13:44 13:44 13:45



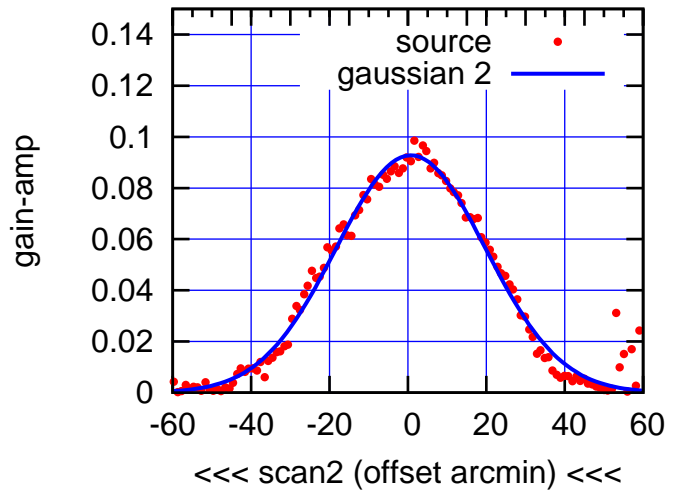
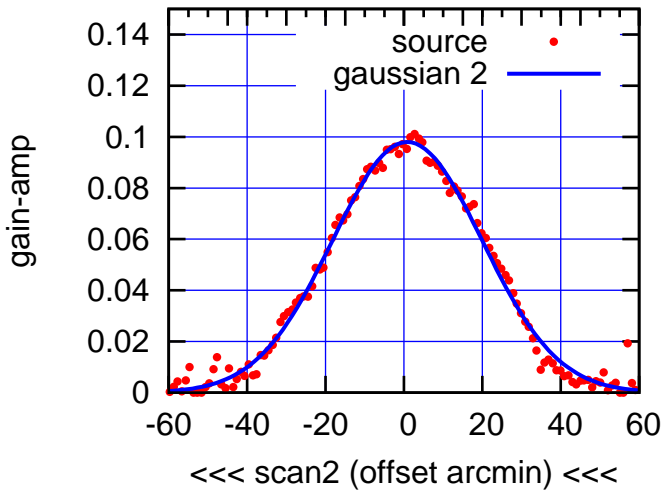
(+30'/m) 21Jul2017 13:43:00

C09-130-EL OFF= 0.9' (45.0')

C09-175-EL OFF= 0.7' (45.0')

13:50 13:49 13:49 13:48 13:48 13:47 13:47 13:46 13:46

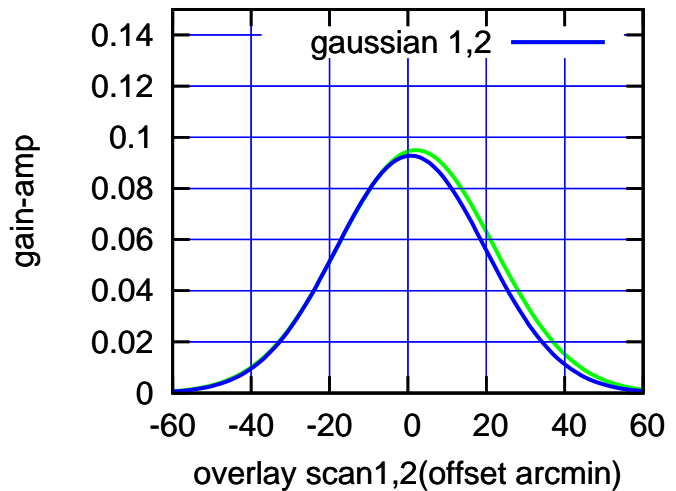
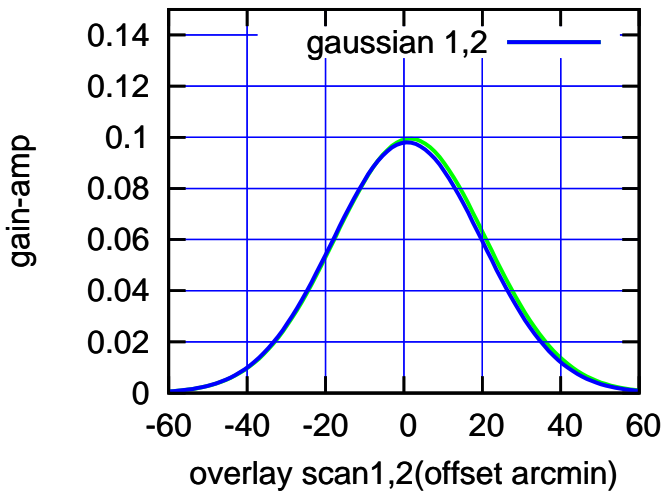
13:50 13:49 13:49 13:48 13:48 13:47 13:47 13:46 13:46



(-30'/m) 21Jul2017 13:48:00

BACKLASH ERROR= 0.7'

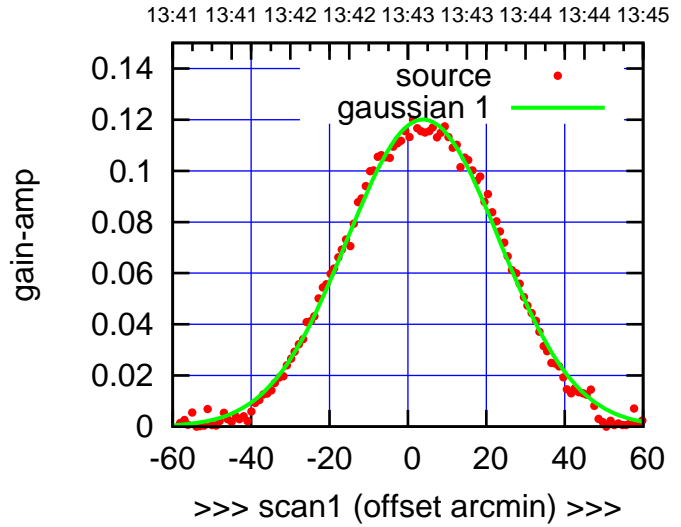
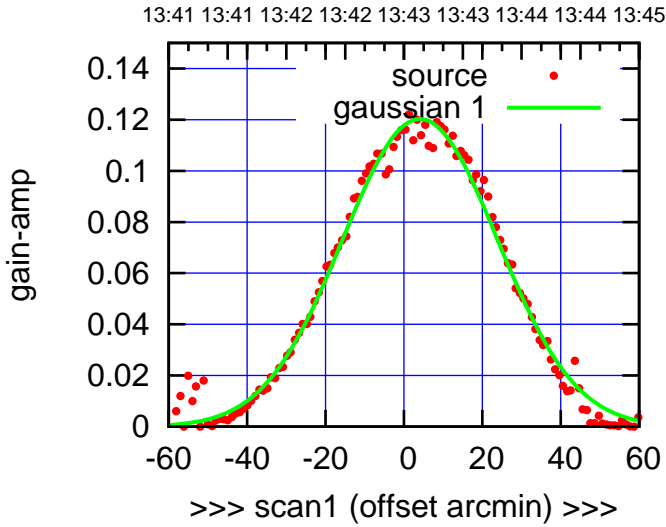
BACKLASH ERROR= 1.3'



(591 MHz.)

C10-130-EL OFF= 4.1' (46.6')

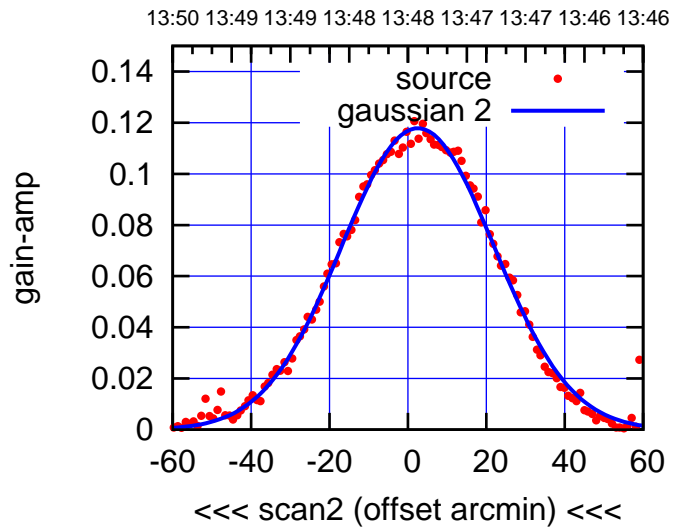
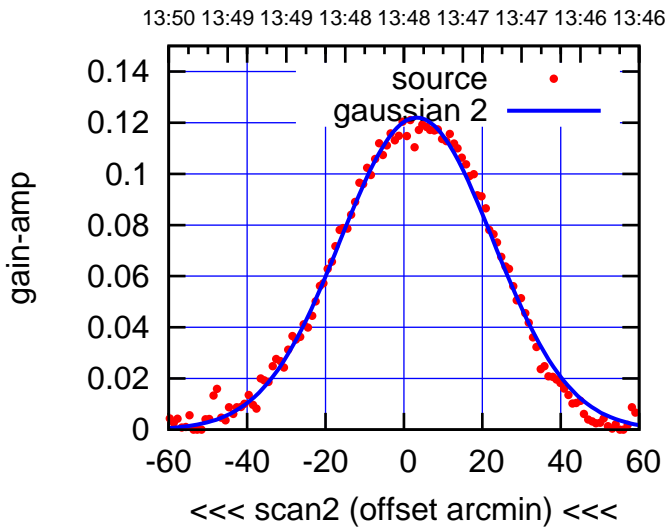
C10-175-EL OFF= 3.9' (45.8')



(+30'/m) 21Jul2017 13:43:00

C10-130-EL OFF= 3.3' (45.9')

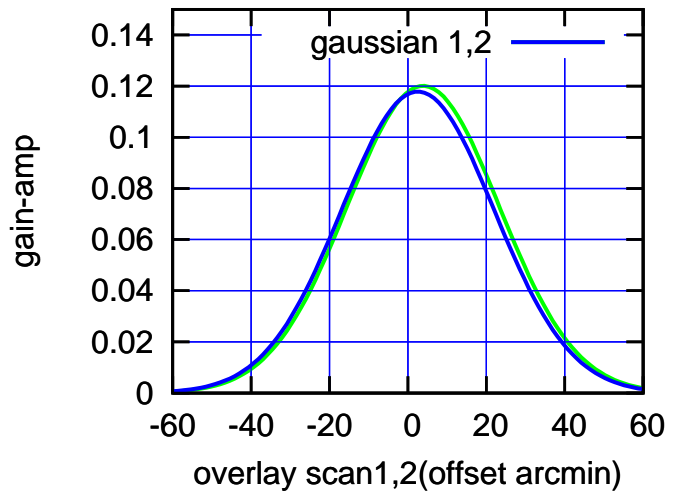
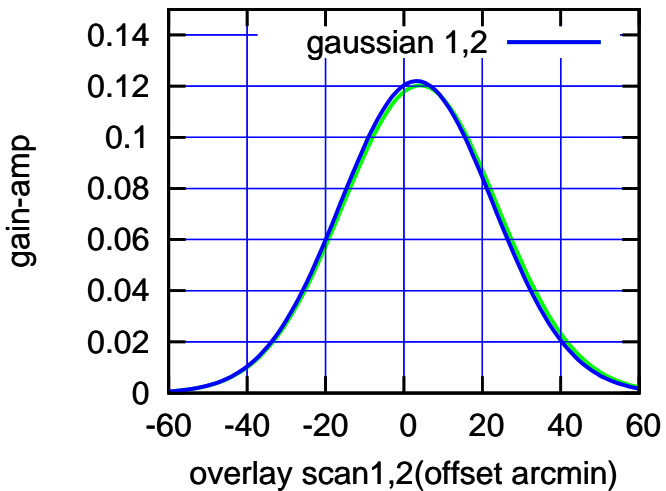
C10-175-EL OFF= 2.5' (45.9')



(-30'/m) 21Jul2017 13:48:00

BACKLASH ERROR= 0.8'

BACKLASH ERROR= 1.4'



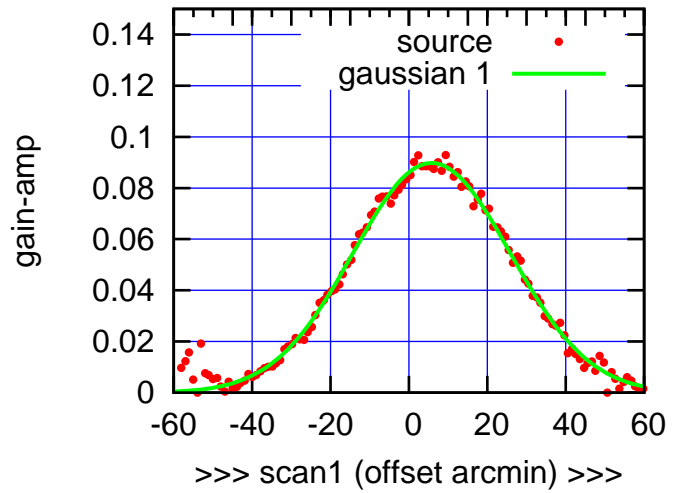
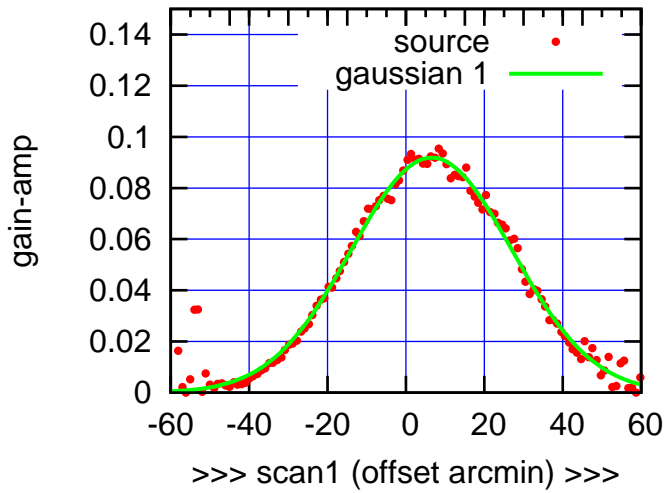
(591 MHz.)

C11-130-EL OFF= 6.5' (48.3')

C11-175-EL OFF= 5.8' (47.3')

13:41 13:41 13:42 13:42 13:43 13:43 13:44 13:44 13:45

13:41 13:41 13:42 13:42 13:43 13:43 13:44 13:44 13:45



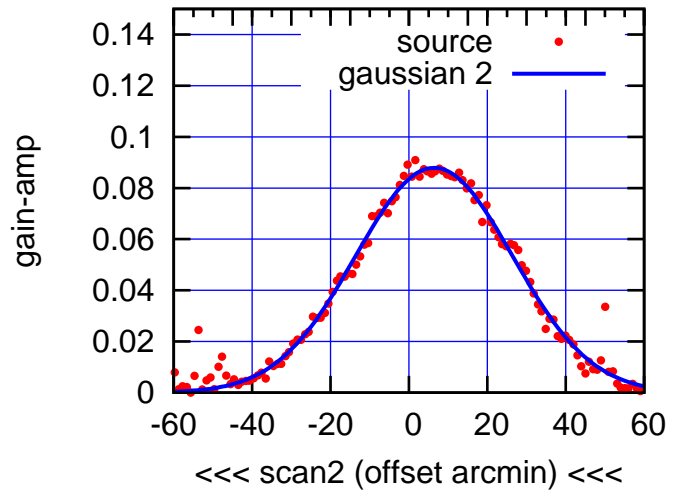
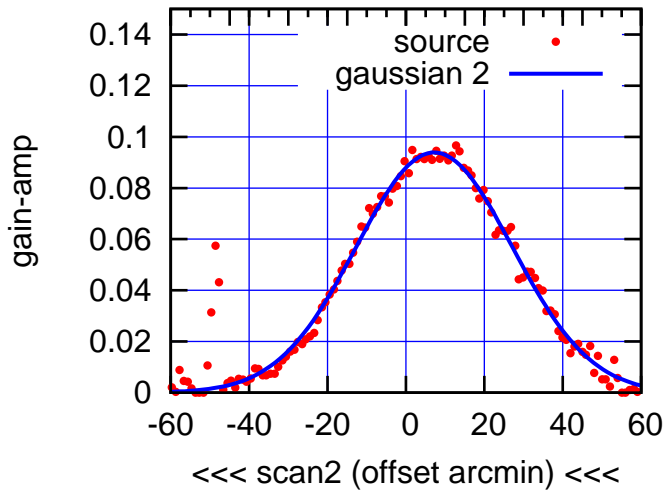
(+30'/m) 21Jul2017 13:43:00

C11-130-EL OFF= 7.2' (46.9')

C11-175-EL OFF= 6.4' (47.2')

13:50 13:49 13:49 13:48 13:48 13:47 13:47 13:46 13:46

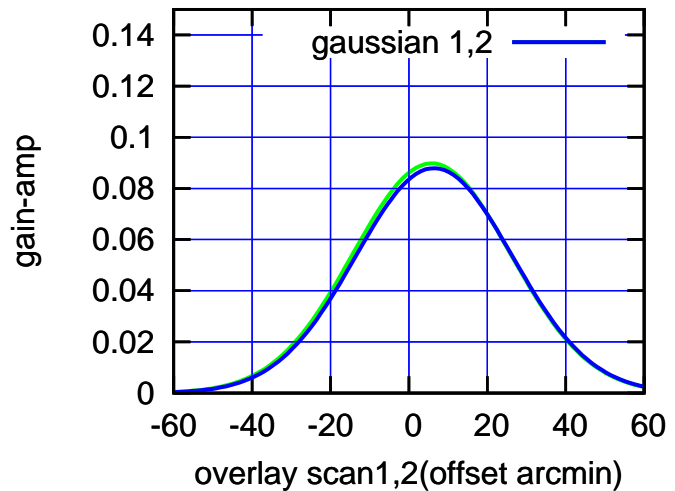
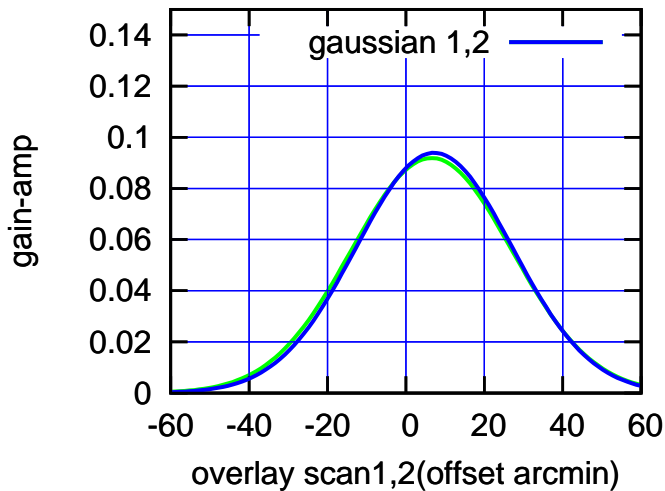
13:50 13:49 13:49 13:48 13:48 13:47 13:47 13:46 13:46



(-30'/m) 21Jul2017 13:48:00

BACKLASH ERROR= 0.7'

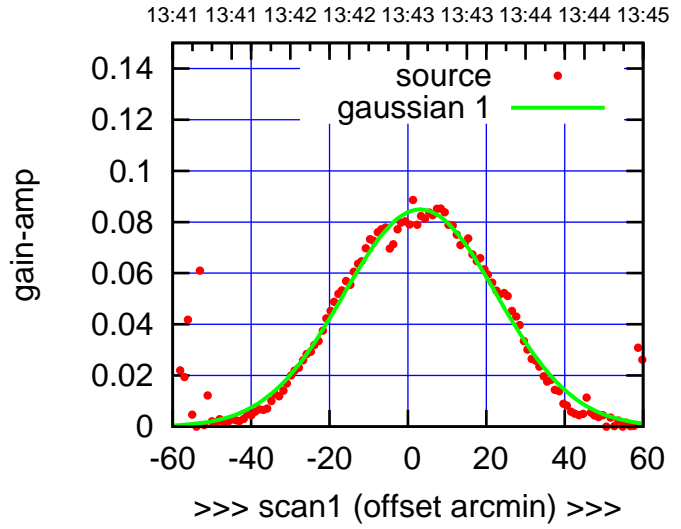
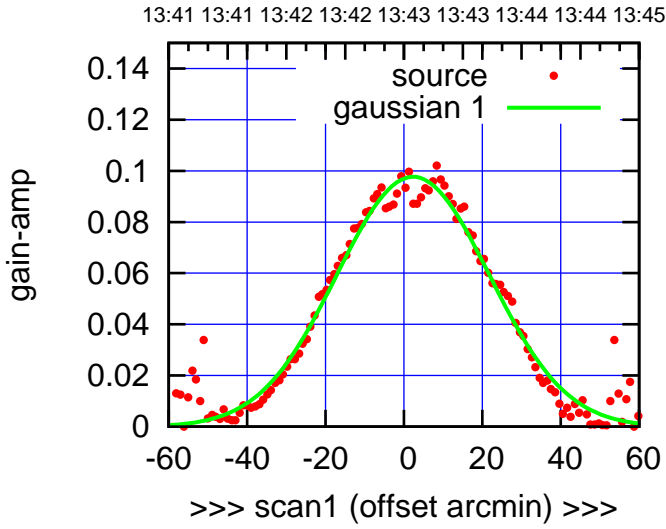
BACKLASH ERROR= 0.6'



(591 MHz.)

C12-130-EL OFF= 2.3' (45.9')

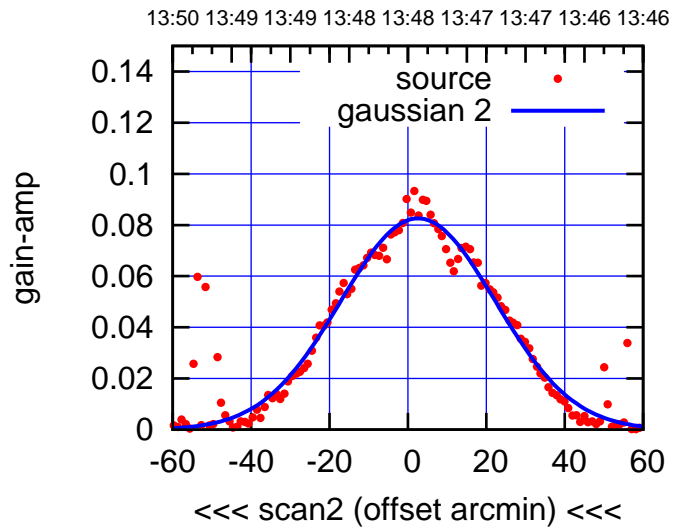
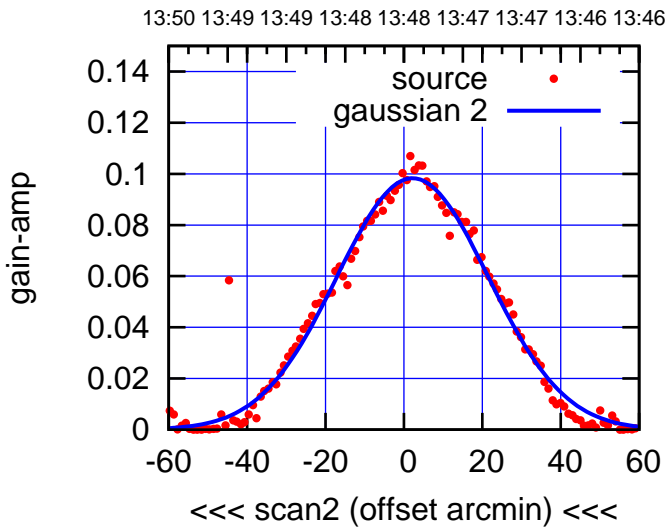
C12-175-EL OFF= 3.1' (46.0')



(+30'/m) 21Jul2017 13:43:00

C12-130-EL OFF= 2.2' (45.6')

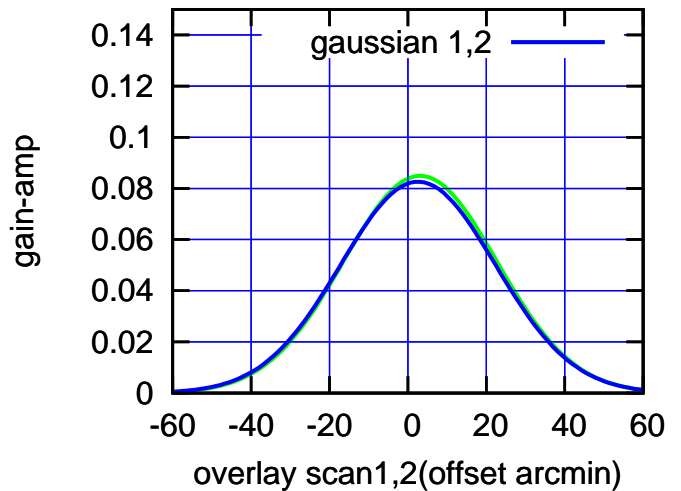
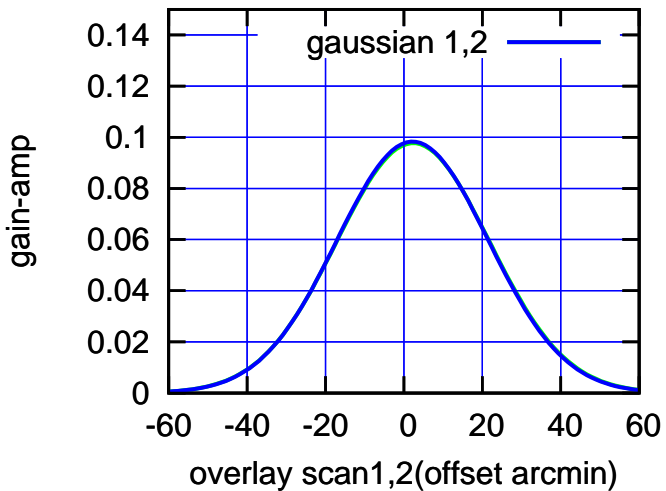
C12-175-EL OFF= 2.6' (46.5')



(-30'/m) 21Jul2017 13:48:00

BACKLASH ERROR= 0.1'

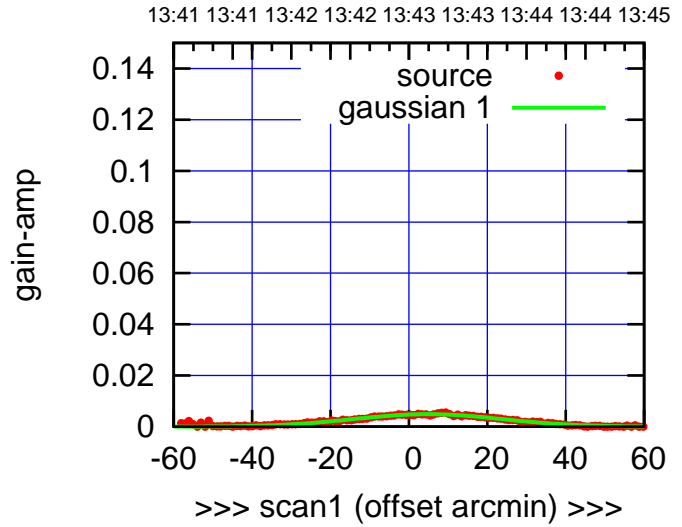
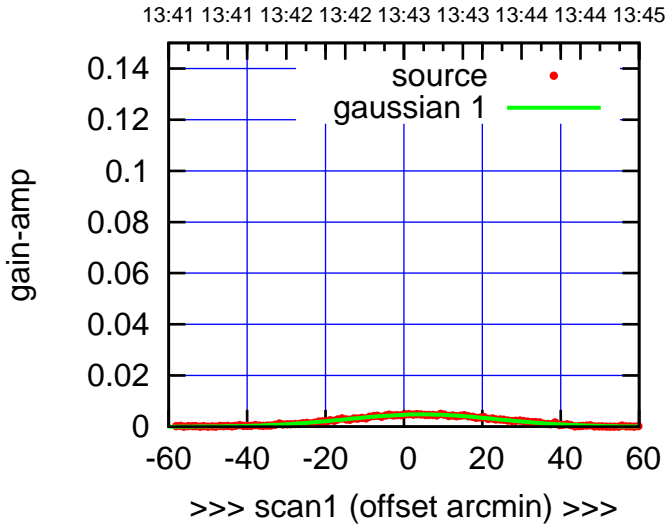
BACKLASH ERROR= 0.5'



(591 MHz.)

C13-130-EL OFF= 0.0' (45.2')

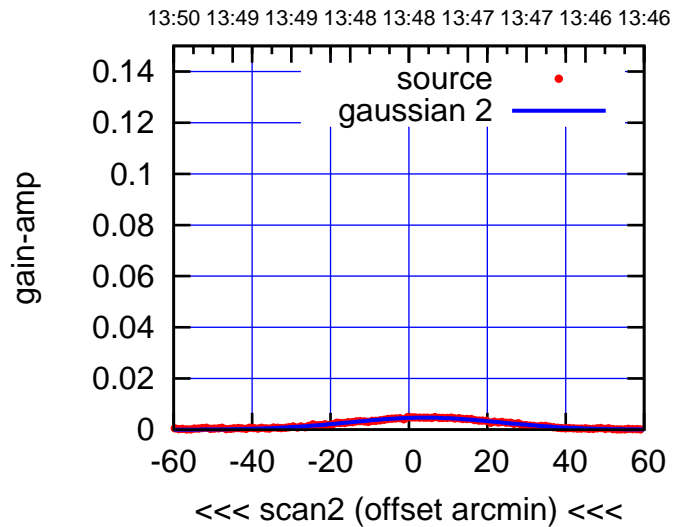
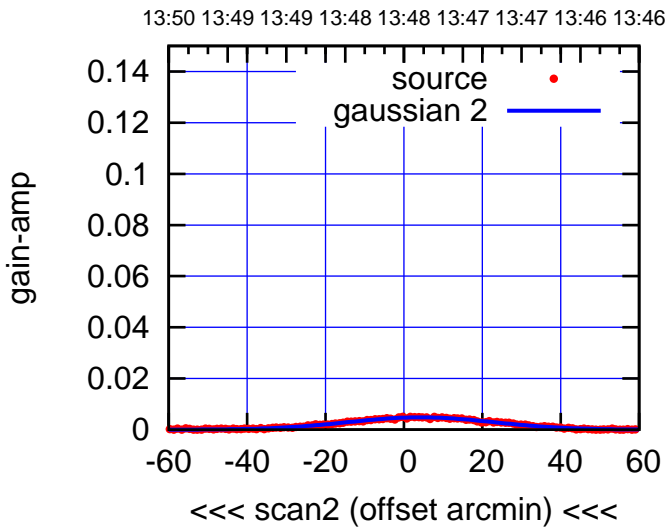
C13-175-EL OFF= 0.0' (44.7')



(+30'/m) 21Jul2017 13:43:00

C13-130-EL OFF= 0.0' (44.0')

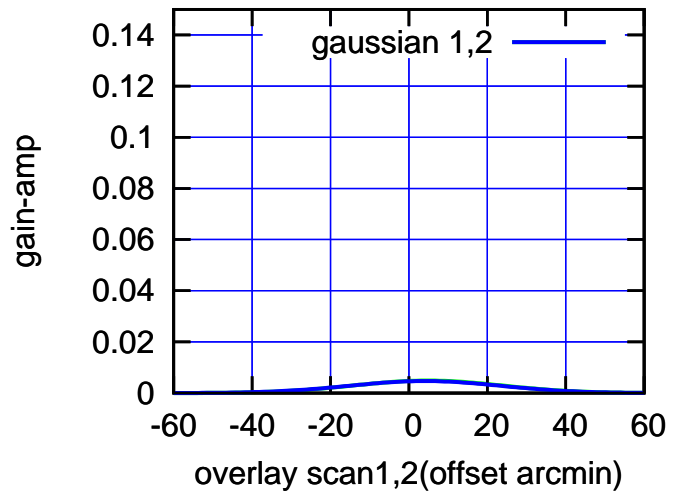
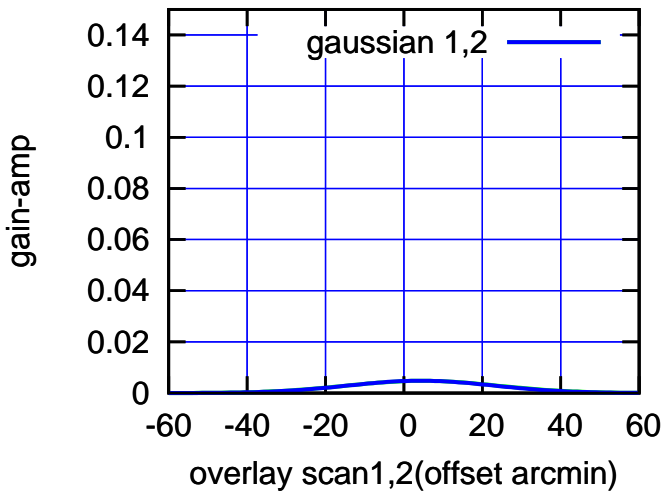
C13-175-EL OFF= 0.0' (45.4')



(-30'/m) 21Jul2017 13:48:00

BACKLASH ERROR= 0.0'

BACKLASH ERROR= 0.0'



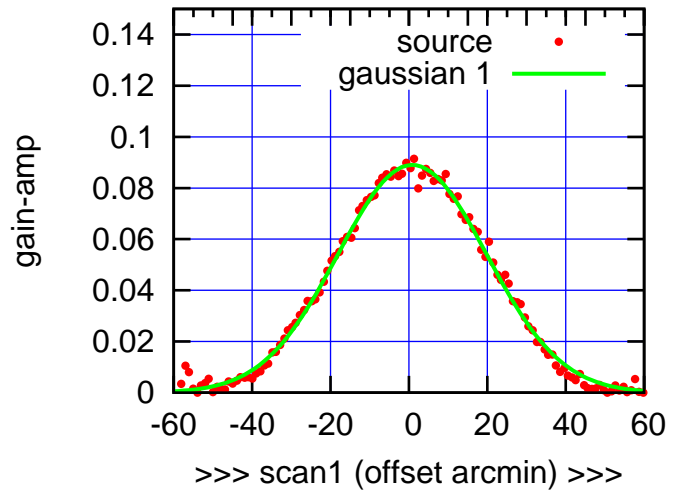
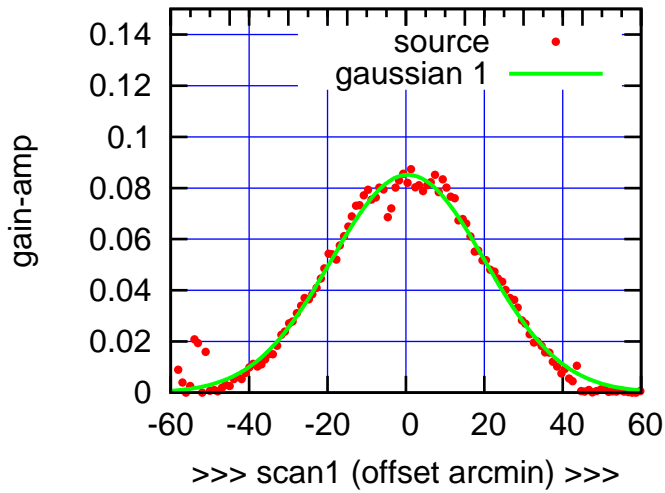
(591 MHz.)

C14-130-EL OFF= 0.5' (46.1')

C14-175-EL OFF= 0.9' (44.7')

13:41 13:41 13:42 13:42 13:43 13:43 13:44 13:44 13:45

13:41 13:41 13:42 13:42 13:43 13:43 13:44 13:44 13:45



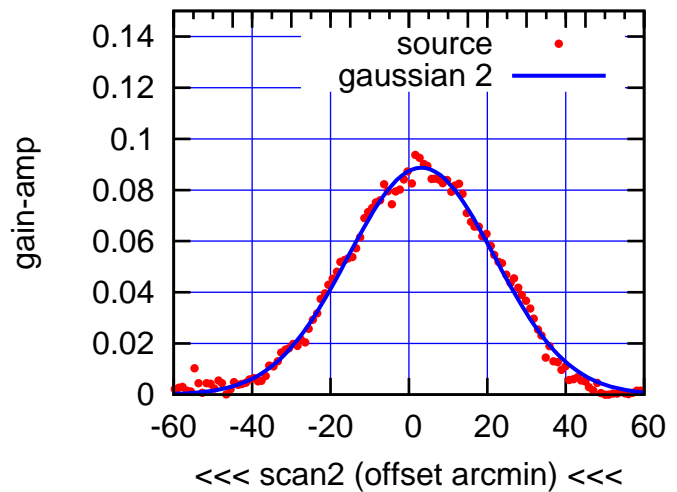
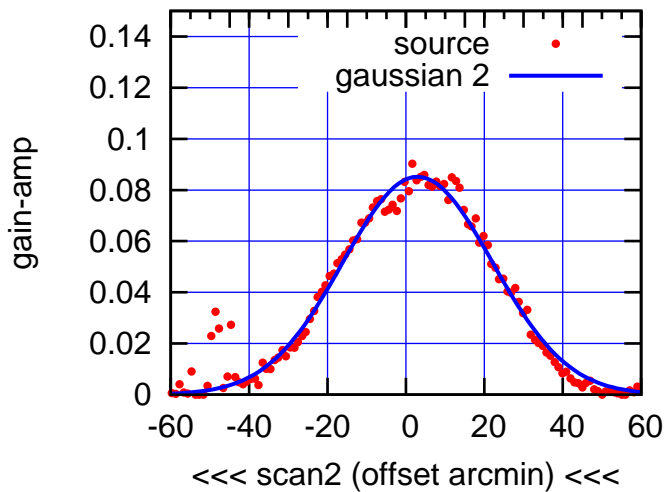
(+30'/m) 21Jul2017 13:43:00

C14-130-EL OFF= 3.0' (45.0')

C14-175-EL OFF= 3.2' (44.1')

13:50 13:49 13:49 13:48 13:48 13:47 13:47 13:46 13:46

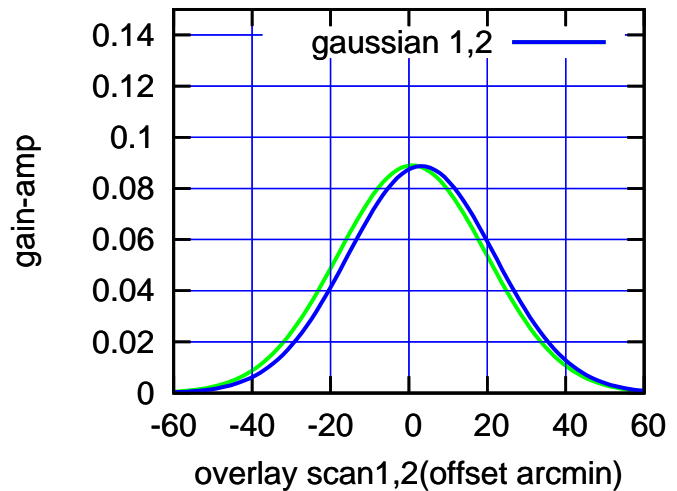
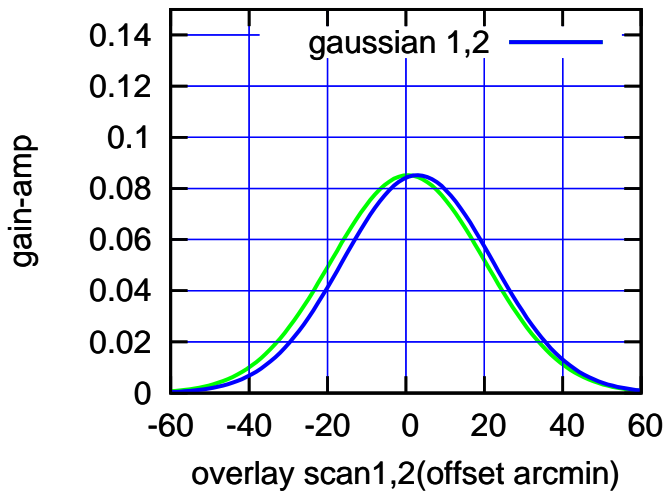
13:50 13:49 13:49 13:48 13:48 13:47 13:47 13:46 13:46



(-30'/m) 21Jul2017 13:48:00

BACKLASH ERROR= 2.5'

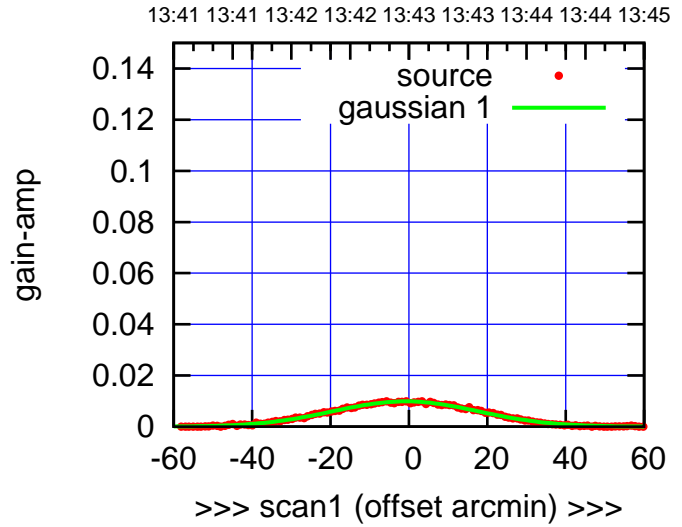
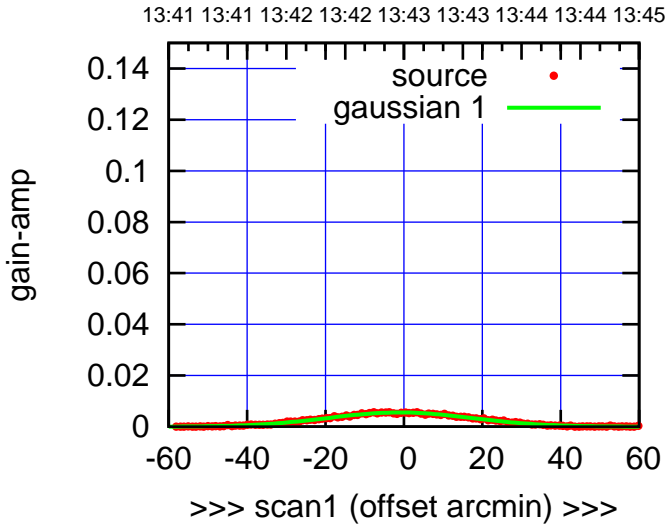
BACKLASH ERROR= 2.3'



(591 MHz.)

E02-130-EL OFF= -1.1' (43.4')

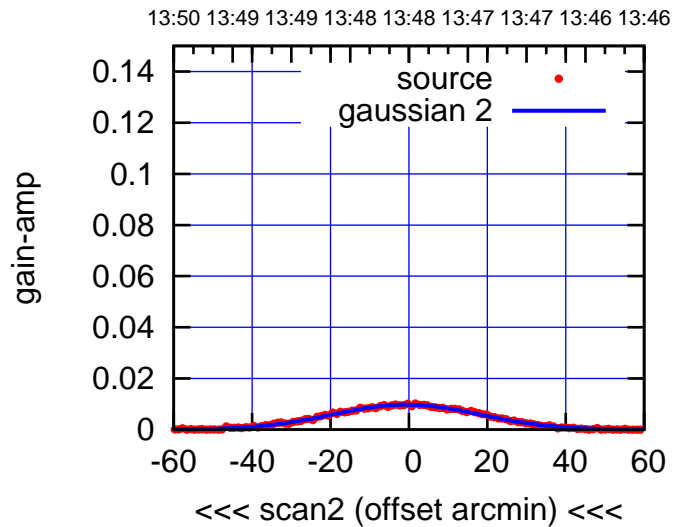
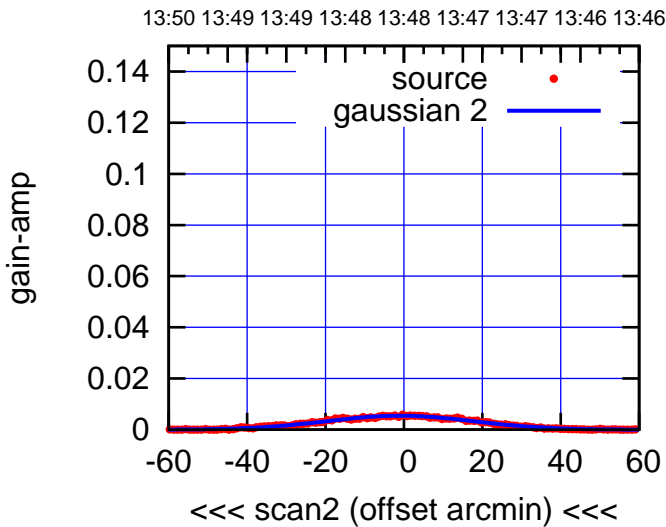
E02-175-EL OFF= -0.9' (43.7')



(+30'/m) 21Jul2017 13:43:00

E02-130-EL OFF= -1.1' (44.2')

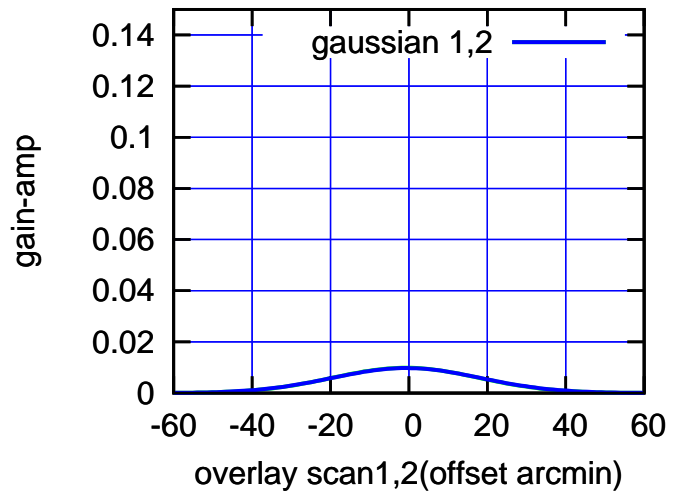
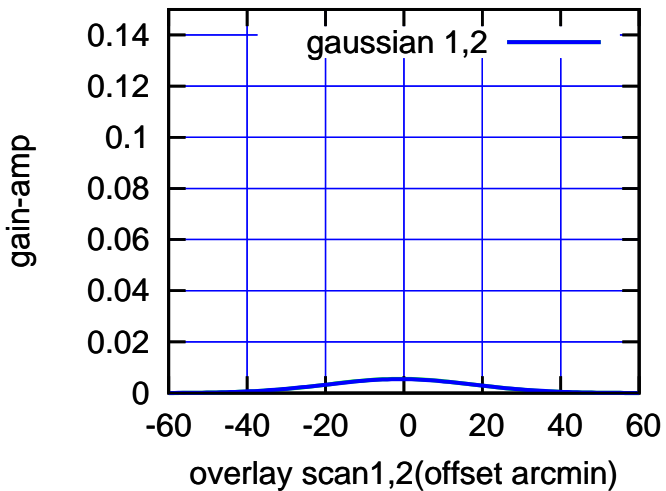
E02-175-EL OFF= -0.7' (44.4')



(-30'/m) 21Jul2017 13:48:00

BACKLASH ERROR= 0.0'

BACKLASH ERROR= 0.2'



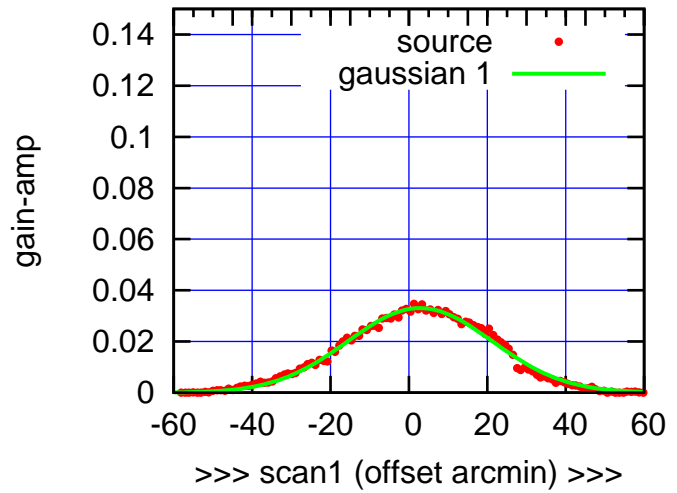
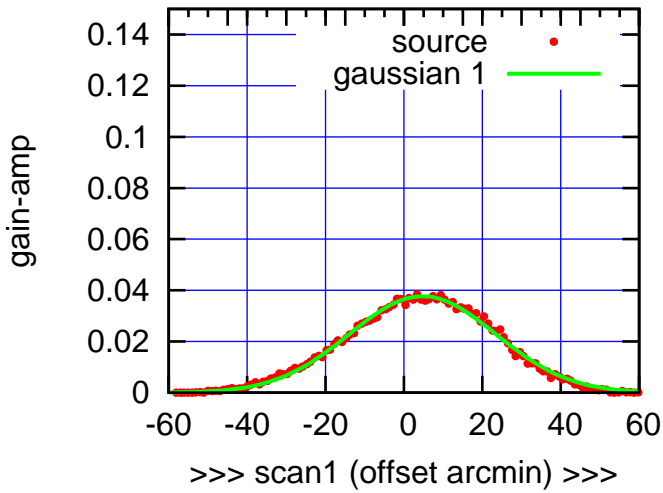
(591 MHz.)

E03-130-EL OFF= 4.8' (44.1')

E03-175-EL OFF= 2.8' (43.4')

13:41 13:41 13:42 13:42 13:43 13:43 13:44 13:44 13:45

13:41 13:41 13:42 13:42 13:43 13:43 13:44 13:44 13:45



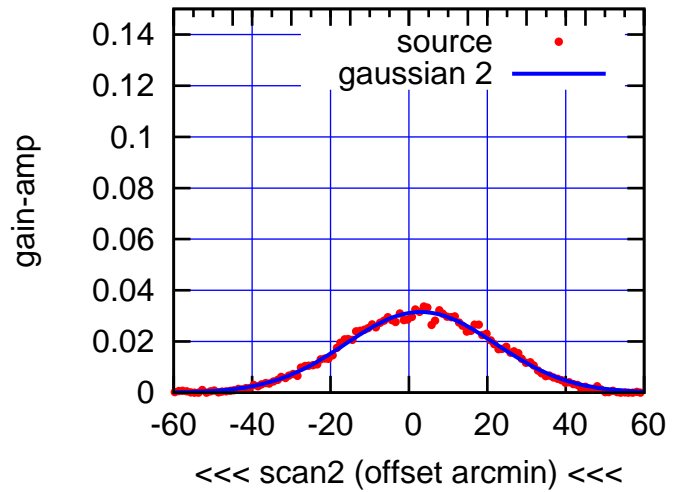
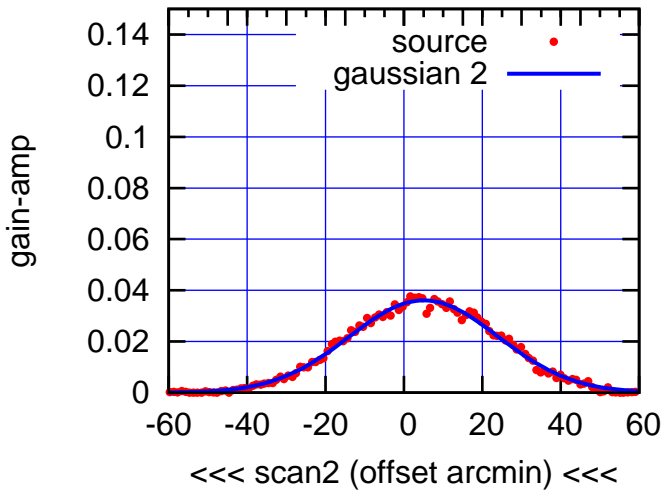
(+30'/m) 21Jul2017 13:43:00

E03-130-EL OFF= 5.0' (44.7')

E03-175-EL OFF= 3.0' (44.9')

13:50 13:49 13:49 13:48 13:48 13:47 13:47 13:46 13:46

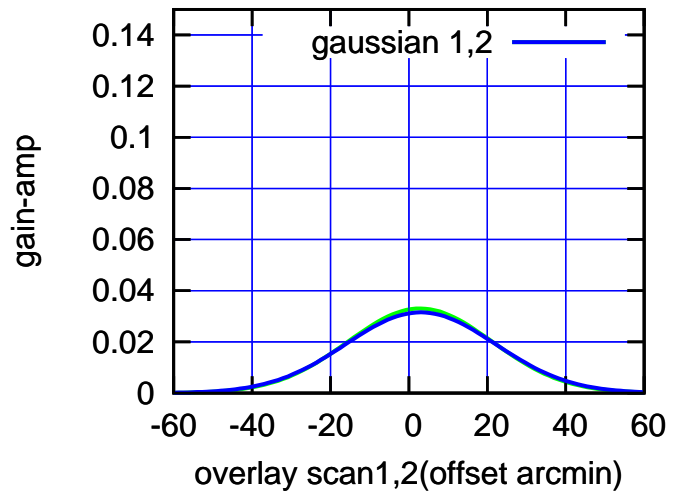
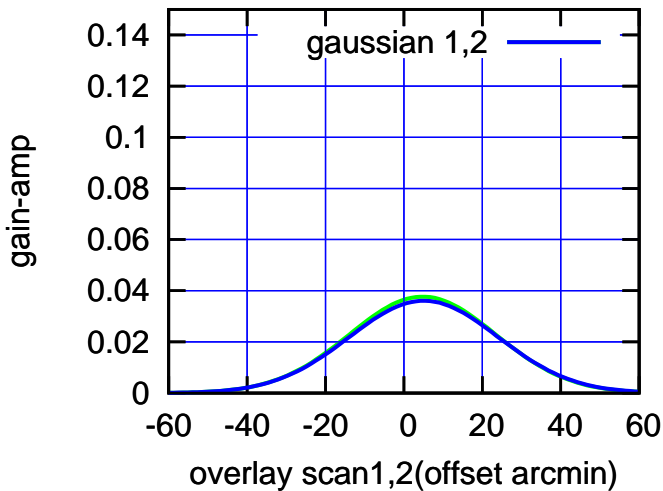
13:50 13:49 13:49 13:48 13:48 13:47 13:47 13:46 13:46



(-30'/m) 21Jul2017 13:48:00

BACKLASH ERROR= 0.2'

BACKLASH ERROR= 0.2'



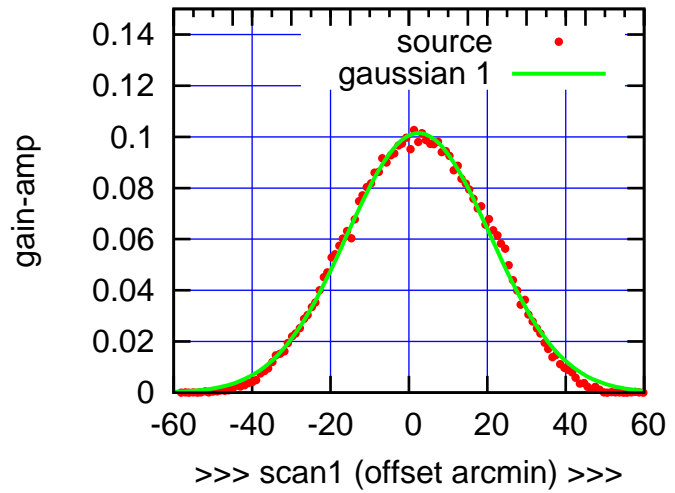
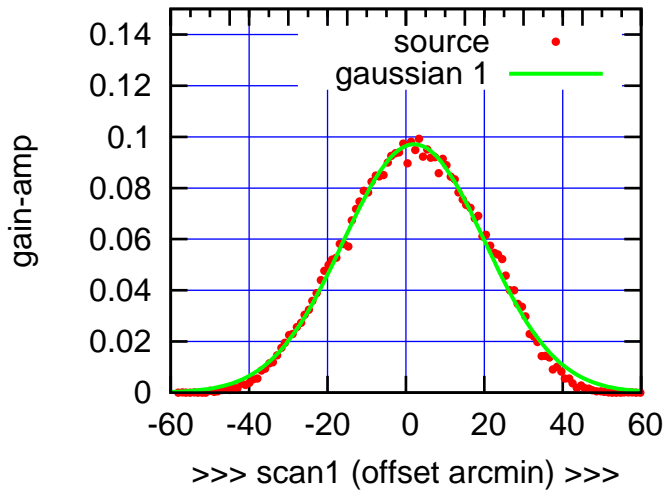
(591 MHz.)

E04-130-EL OFF= 2.1' (42.6')

E04-175-EL OFF= 2.5' (43.1')

13:41 13:41 13:42 13:42 13:43 13:43 13:44 13:44 13:45

13:41 13:41 13:42 13:42 13:43 13:43 13:44 13:44 13:45



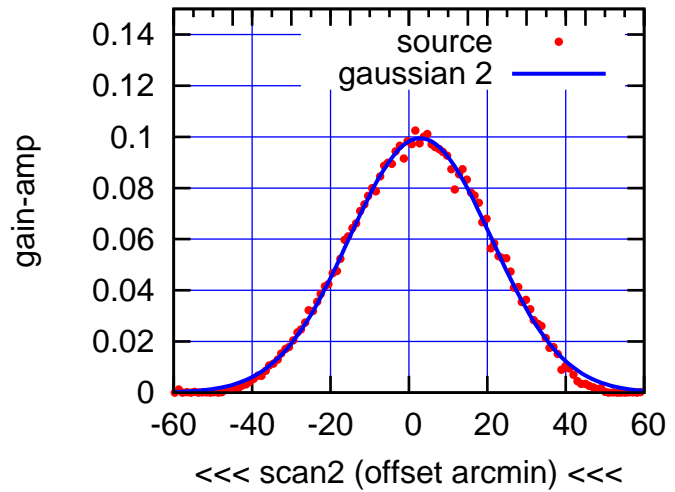
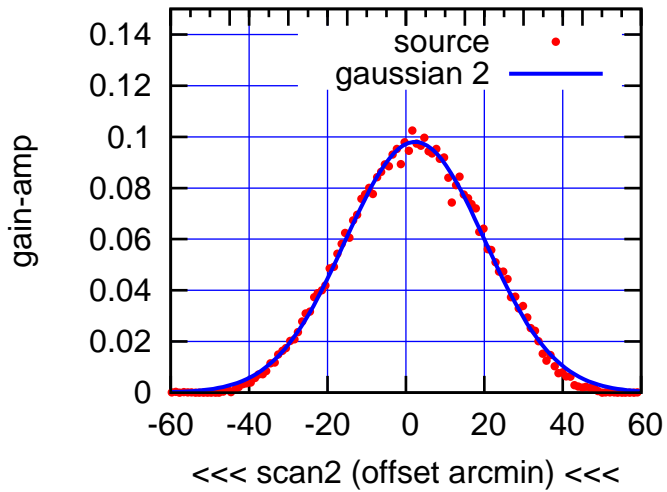
(+30'/m) 21Jul2017 13:43:00

E04-130-EL OFF= 2.3' (41.9')

E04-175-EL OFF= 2.9' (42.7')

13:50 13:49 13:49 13:48 13:48 13:47 13:47 13:46 13:46

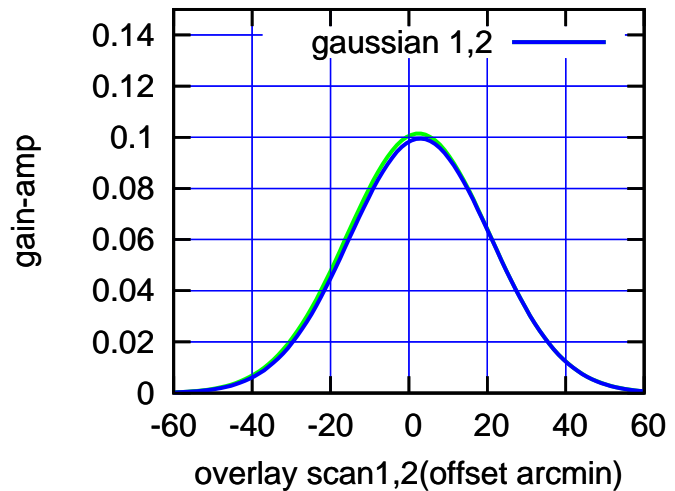
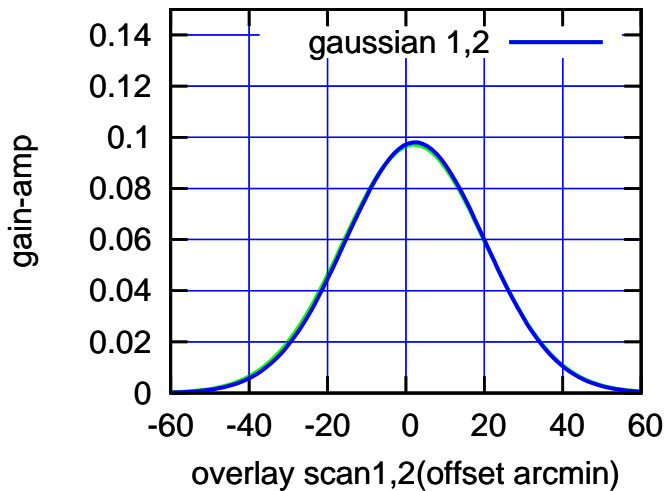
13:50 13:49 13:49 13:48 13:48 13:47 13:47 13:46 13:46



(-30'/m) 21Jul2017 13:48:00

BACKLASH ERROR= 0.2'

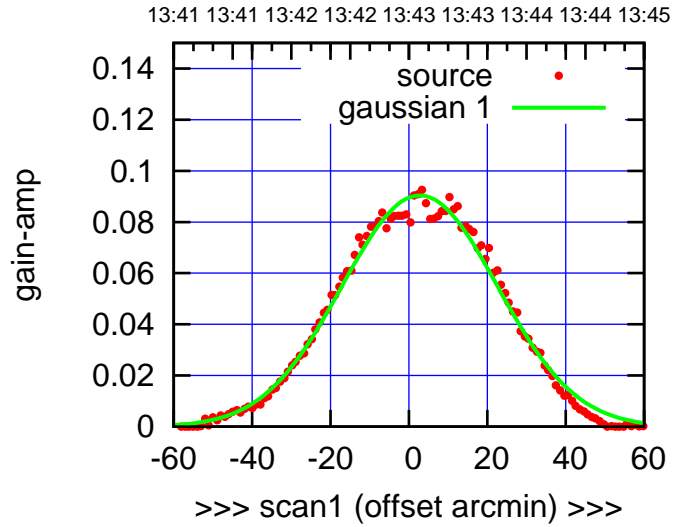
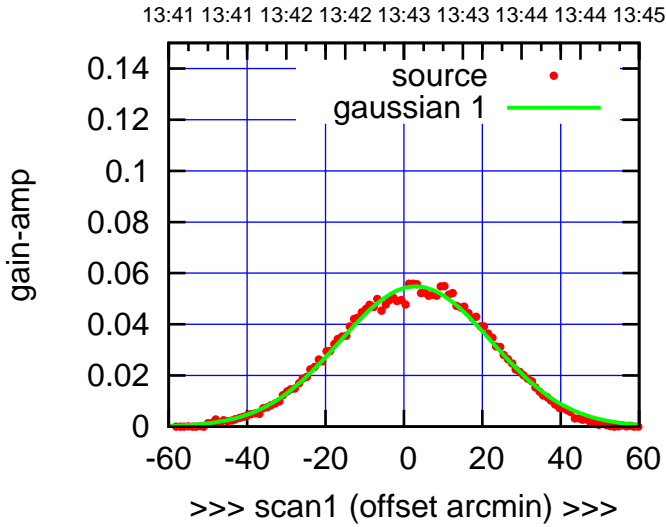
BACKLASH ERROR= 0.4'



(591 MHz.)

E05-130-EL OFF= 3.0' (45.7')

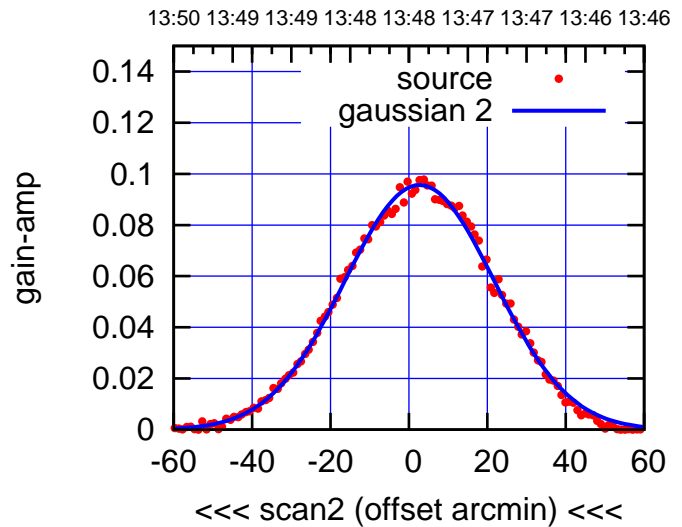
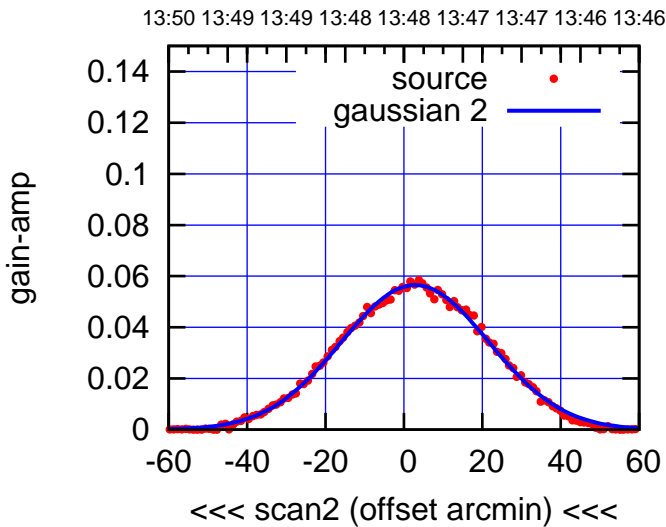
E05-175-EL OFF= 2.7' (46.8')



(+30'/m) 21Jul2017 13:43:00

E05-130-EL OFF= 2.8' (44.3')

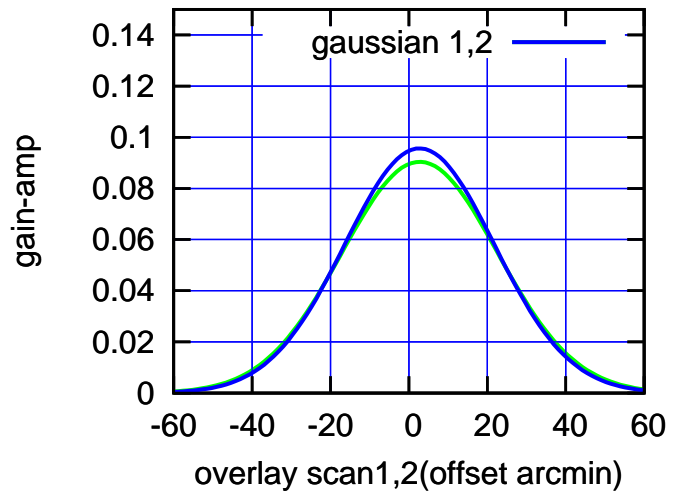
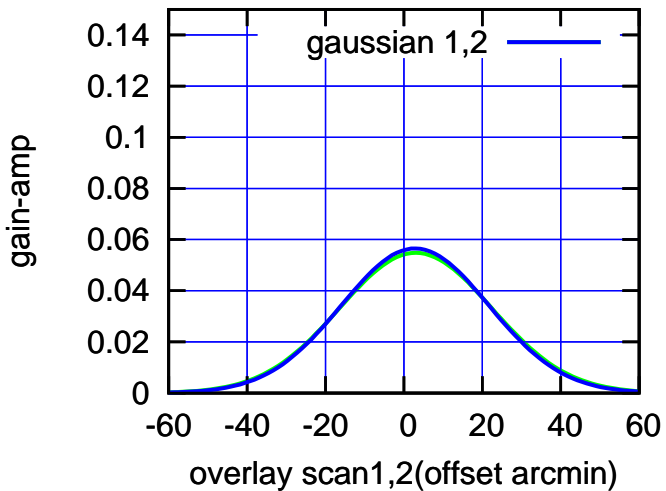
E05-175-EL OFF= 2.7' (45.0')



(-30'/m) 21Jul2017 13:48:00

BACKLASH ERROR= 0.2'

BACKLASH ERROR= 0.0'



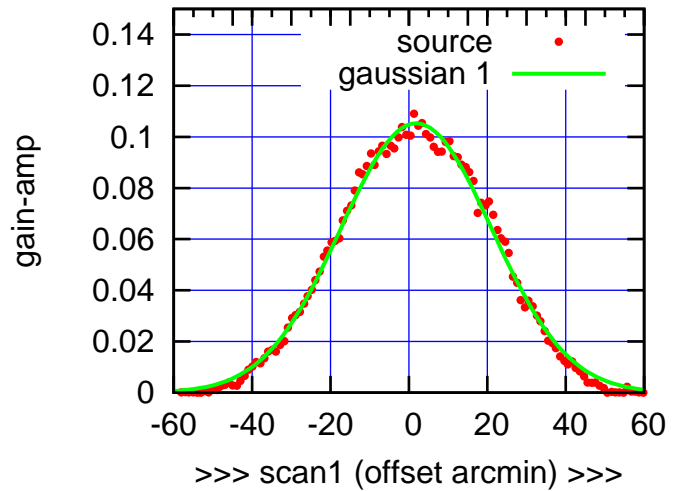
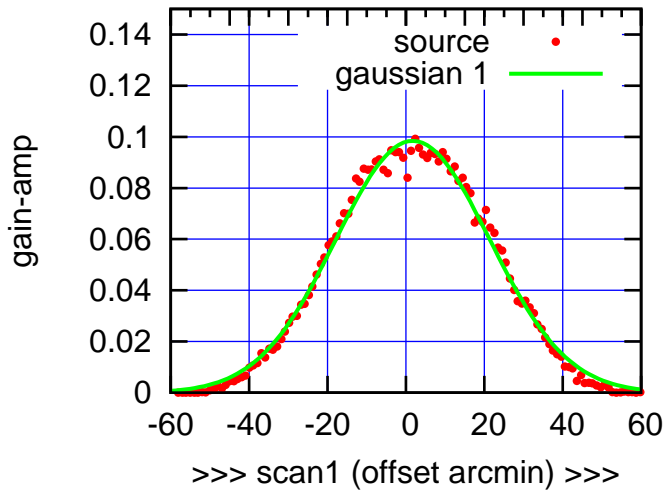
(591 MHz.)

E06-130-EL OFF= 1.7' (46.4')

E06-175-EL OFF= 1.9' (45.5')

13:41 13:41 13:42 13:42 13:43 13:43 13:44 13:44 13:45

13:41 13:41 13:42 13:42 13:43 13:43 13:44 13:44 13:45



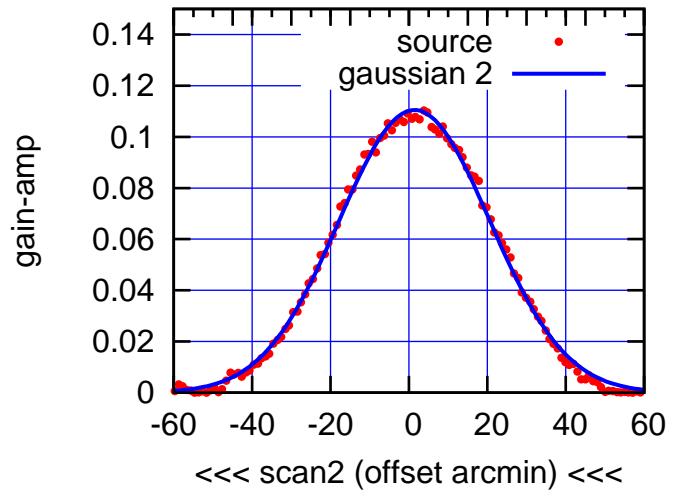
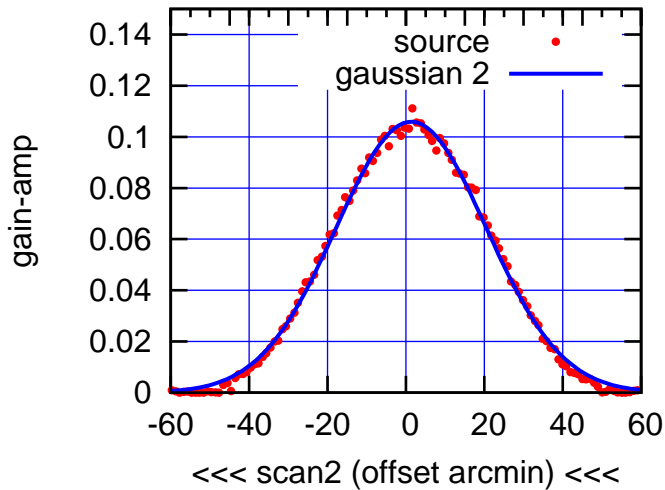
(+30'/m) 21Jul2017 13:43:00

E06-130-EL OFF= 1.3' (45.2')

E06-175-EL OFF= 1.4' (45.4')

13:50 13:49 13:49 13:48 13:48 13:47 13:47 13:46 13:46

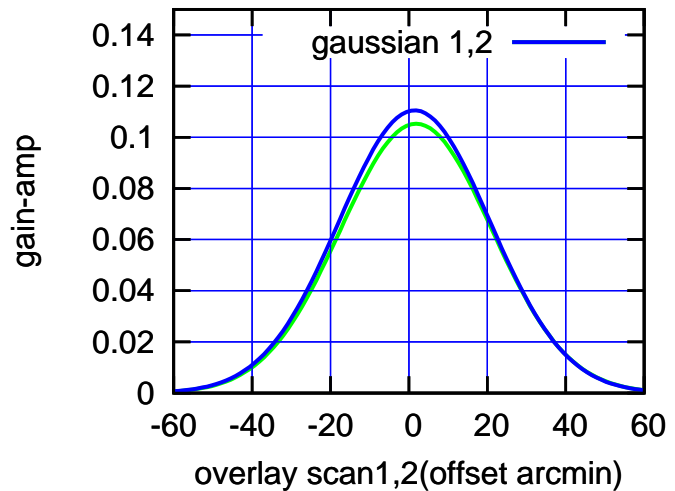
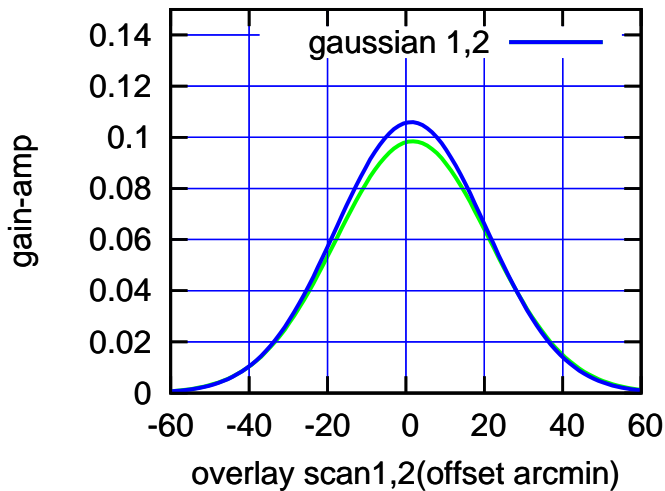
13:50 13:49 13:49 13:48 13:48 13:47 13:47 13:46 13:46



(-30'/m) 21Jul2017 13:48:00

BACKLASH ERROR= 0.4'

BACKLASH ERROR= 0.5'



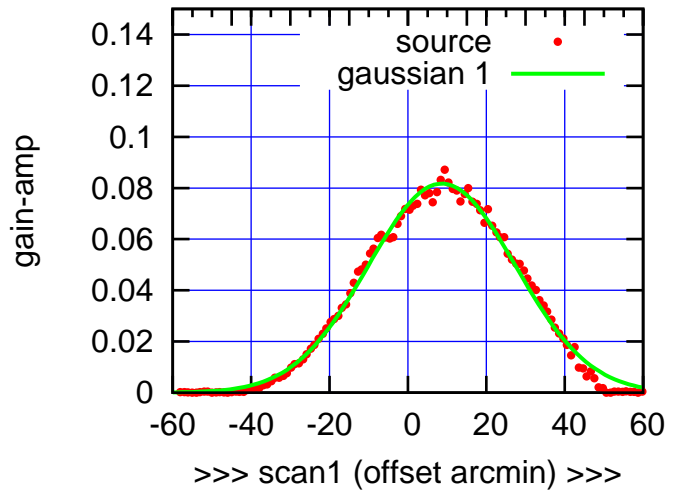
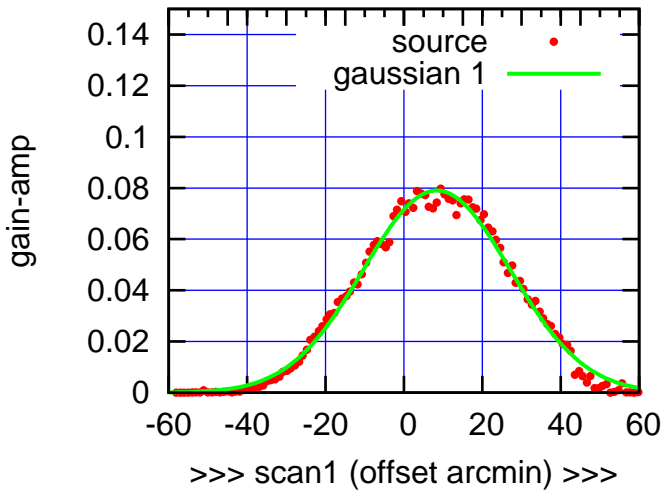
(591 MHz.)

S01-130-EL OFF= 8.4' (44.3')

S01-175-EL OFF= 8.7' (44.3')

13:41 13:41 13:42 13:42 13:43 13:43 13:44 13:44 13:45

13:41 13:41 13:42 13:42 13:43 13:43 13:44 13:44 13:45



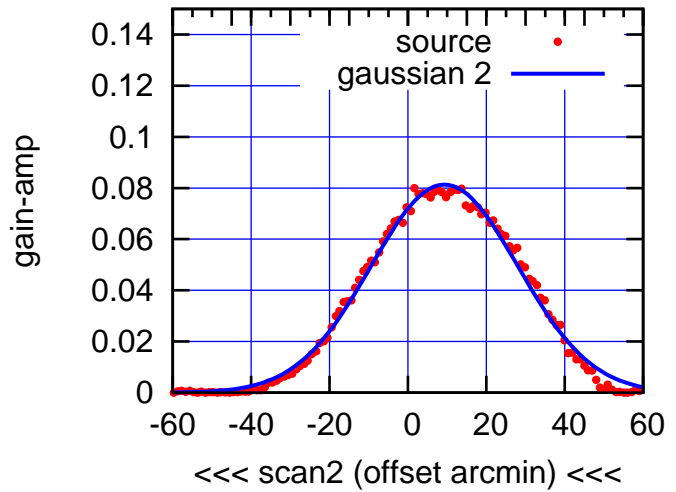
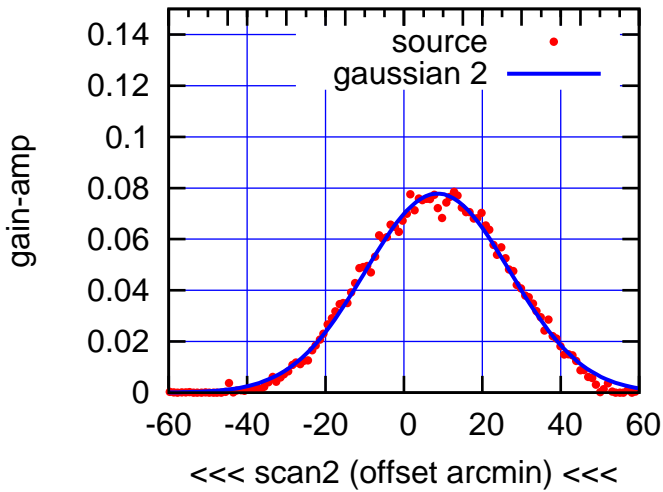
(+30'/m) 21Jul2017 13:43:00

S01-130-EL OFF= 8.6' (43.6')

S01-175-EL OFF= 9.3' (44.2')

13:50 13:49 13:49 13:48 13:48 13:47 13:47 13:46 13:46

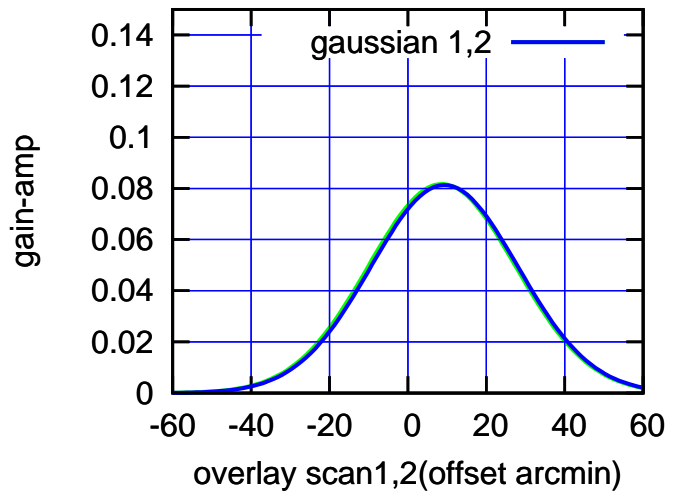
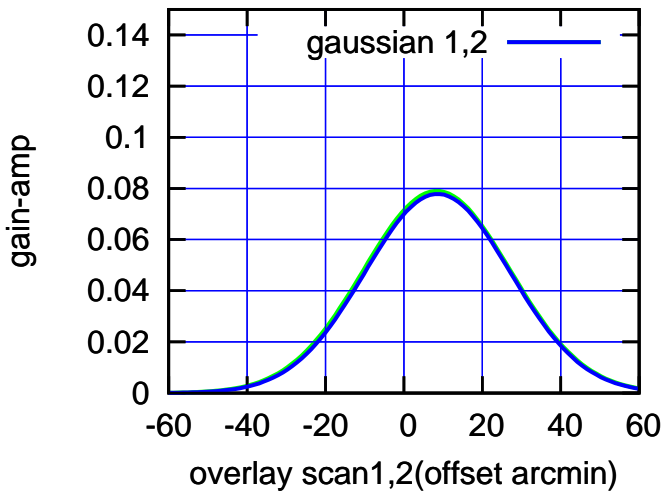
13:50 13:49 13:49 13:48 13:48 13:47 13:47 13:46 13:46



(-30'/m) 21Jul2017 13:48:00

BACKLASH ERROR= 0.2'

BACKLASH ERROR= 0.6'



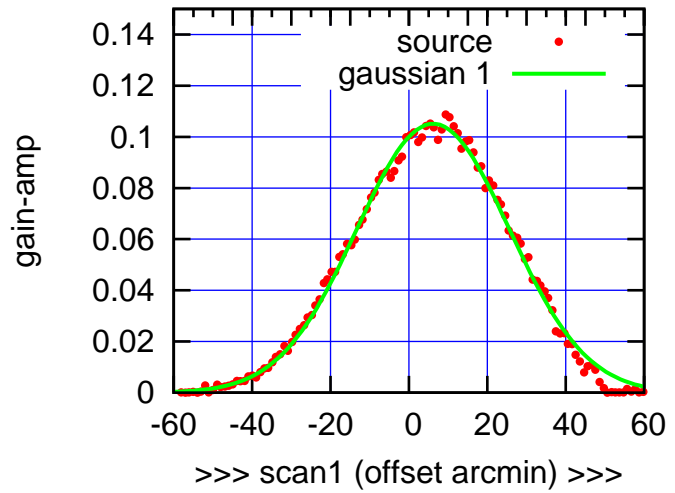
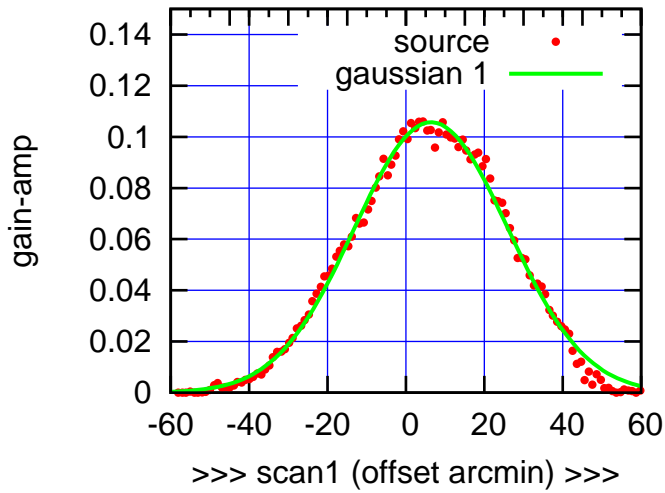
(591 MHz.)

S02-130-EL OFF= 6.4' (46.2')

S02-175-EL OFF= 6.2' (46.0')

13:41 13:41 13:42 13:42 13:43 13:43 13:44 13:44 13:45

13:41 13:41 13:42 13:42 13:43 13:43 13:44 13:44 13:45



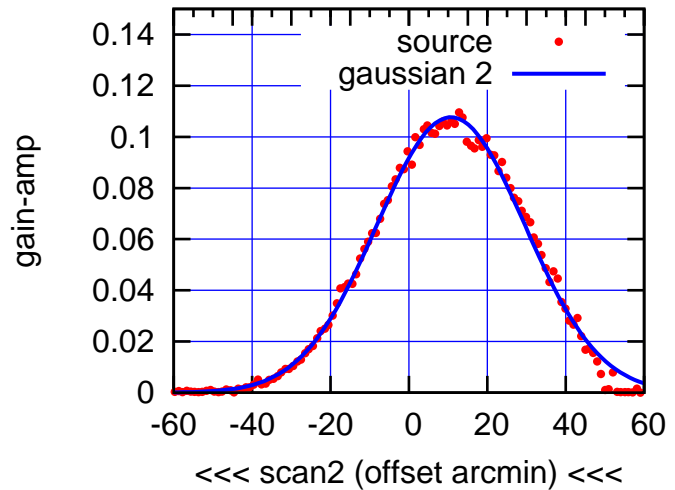
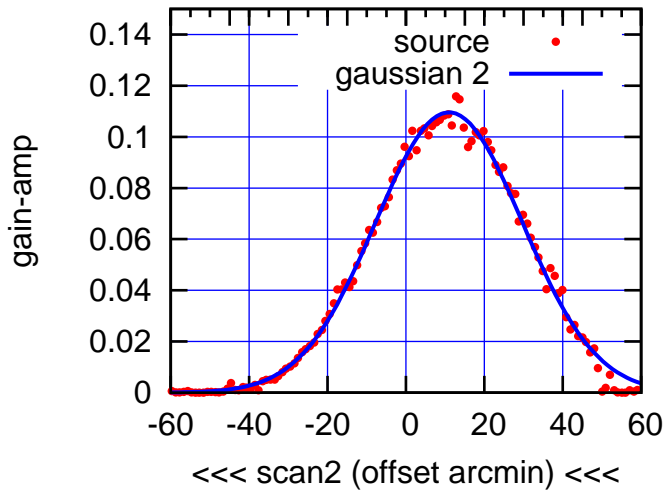
(+30'/m) 21Jul2017 13:43:00

S02-130-EL OFF= 11.0' (44.2')

S02-175-EL OFF= 10.7' (44.6')

13:50 13:49 13:49 13:48 13:48 13:47 13:47 13:46 13:46

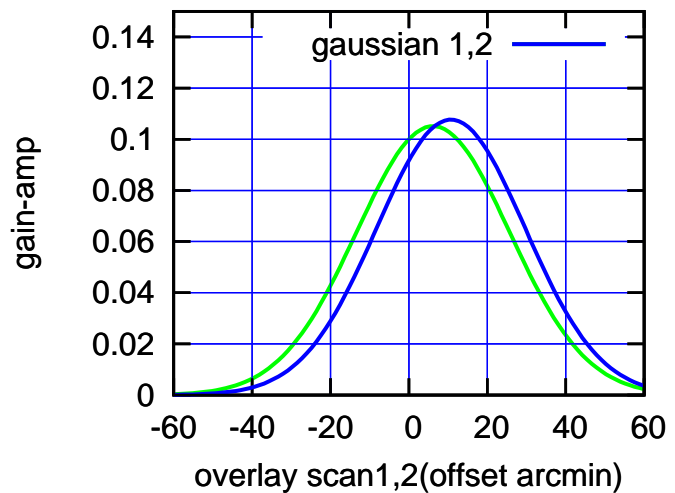
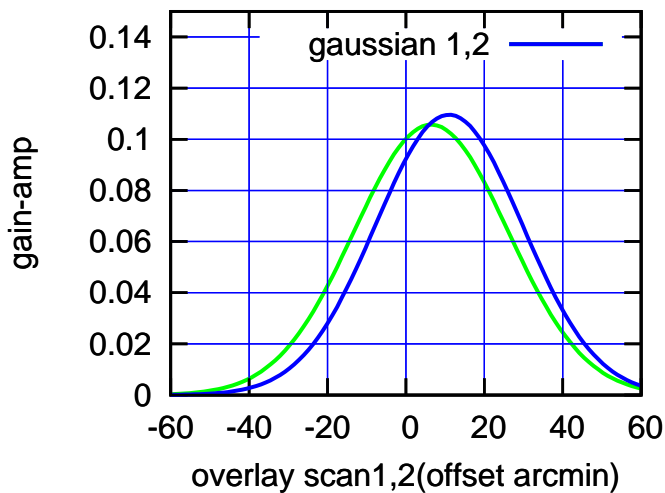
13:50 13:49 13:49 13:48 13:48 13:47 13:47 13:46 13:46



(-30'/m) 21Jul2017 13:48:00

BACKLASH ERROR= 4.6'

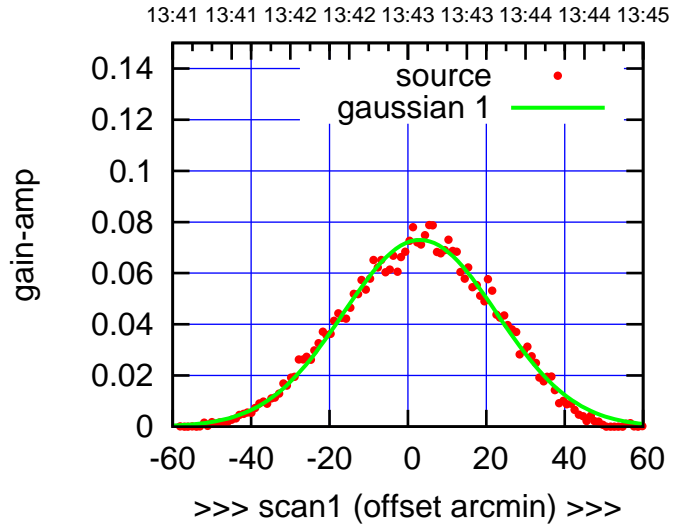
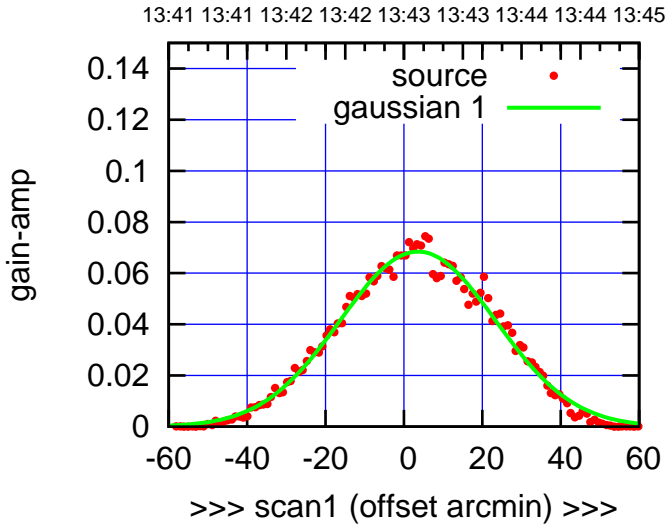
BACKLASH ERROR= 4.5'



(591 MHz.)

S03-130-EL OFF= 3.6' (46.7')

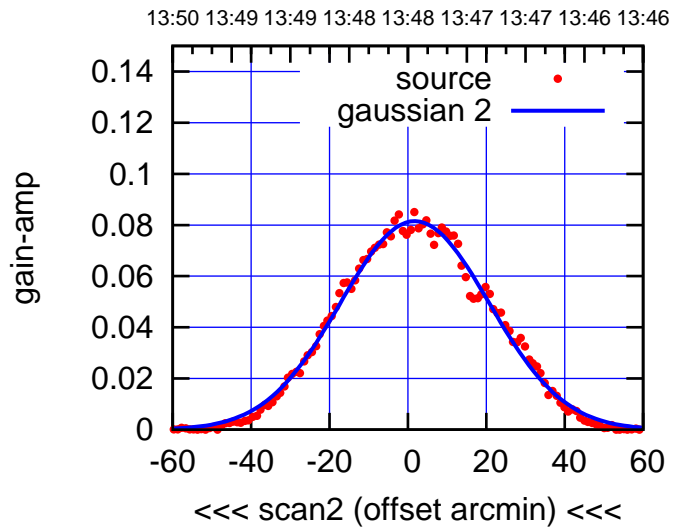
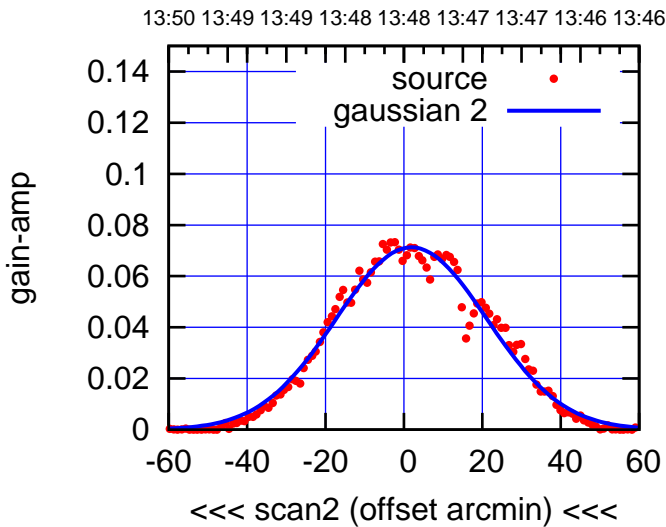
S03-175-EL OFF= 3.1' (46.1')



(+30'/m) 21Jul2017 13:43:00

S03-130-EL OFF= 1.9' (45.4')

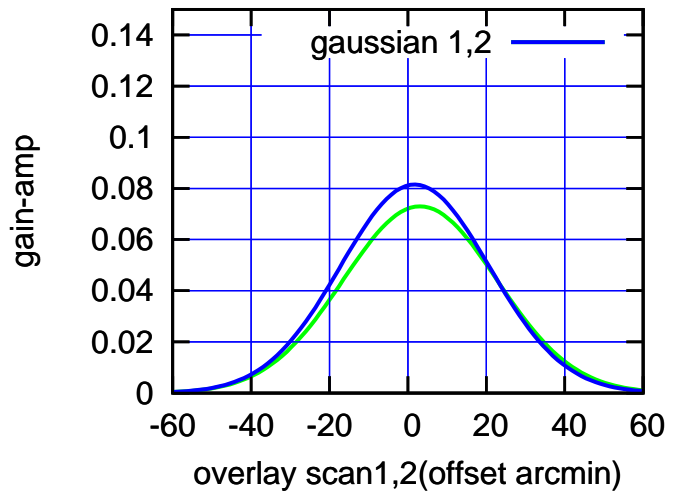
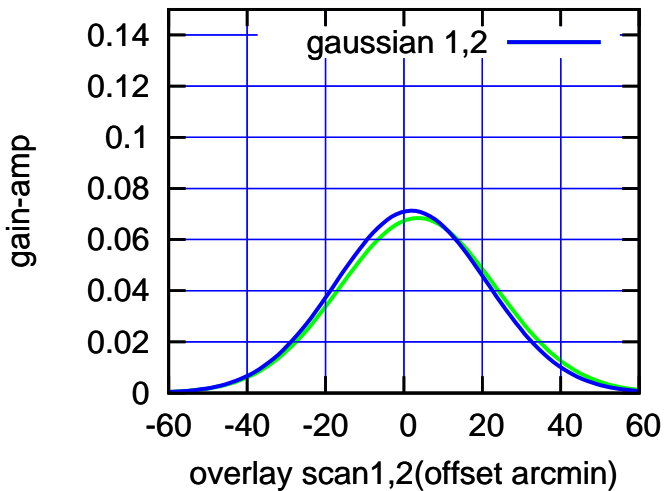
S03-175-EL OFF= 1.7' (44.7')



(-30'/m) 21Jul2017 13:48:00

BACKLASH ERROR= 1.7'

BACKLASH ERROR= 1.4'



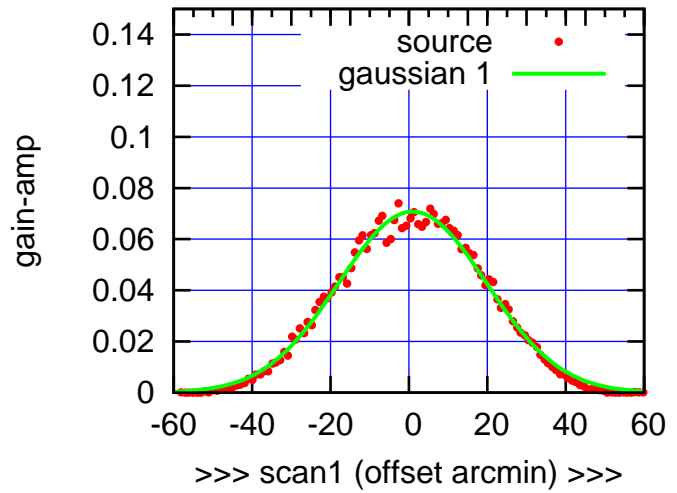
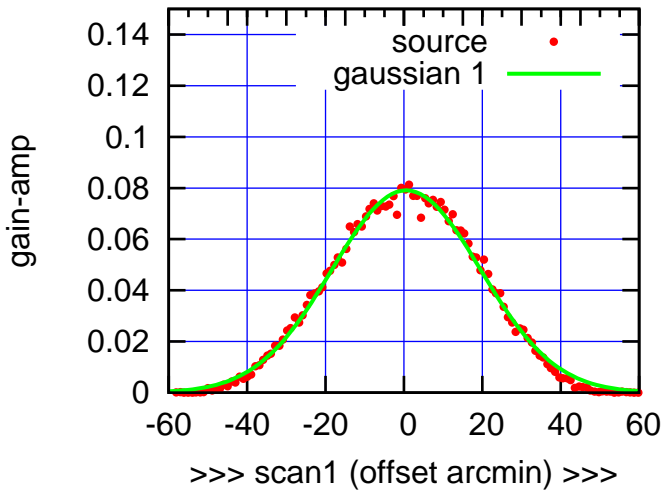
(591 MHz.)

S04-130-EL OFF= 0.6' (44.8')

S04-175-EL OFF= 0.9' (44.3')

13:41 13:41 13:42 13:42 13:43 13:43 13:44 13:44 13:45

13:41 13:41 13:42 13:42 13:43 13:43 13:44 13:44 13:45



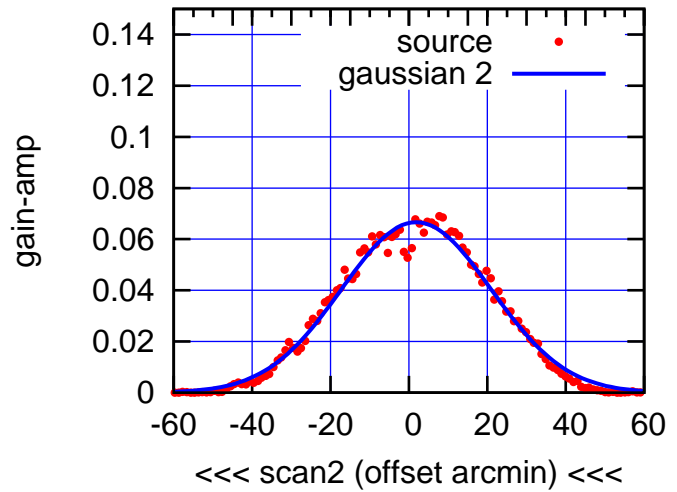
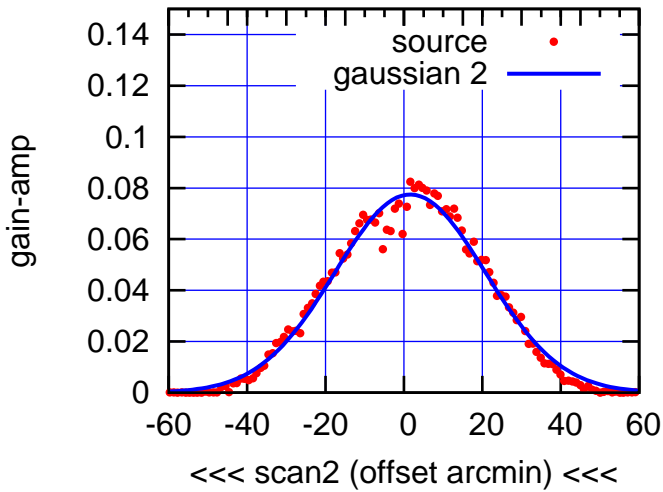
(+30'/m) 21Jul2017 13:43:00

S04-130-EL OFF= 1.6' (45.2')

S04-175-EL OFF= 1.9' (44.9')

13:50 13:49 13:49 13:48 13:48 13:47 13:47 13:46 13:46

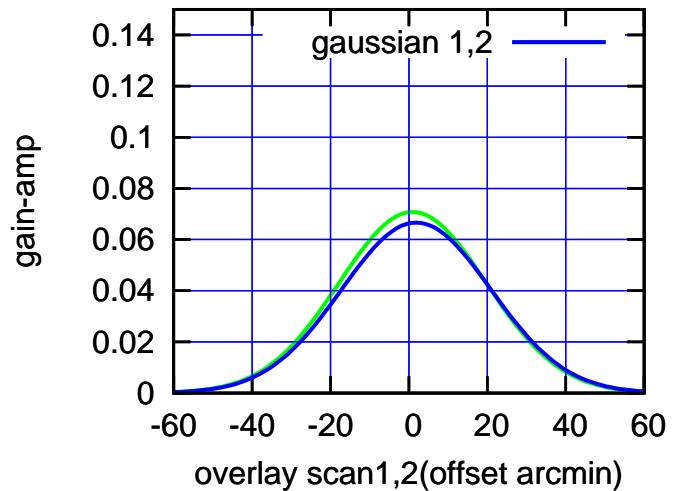
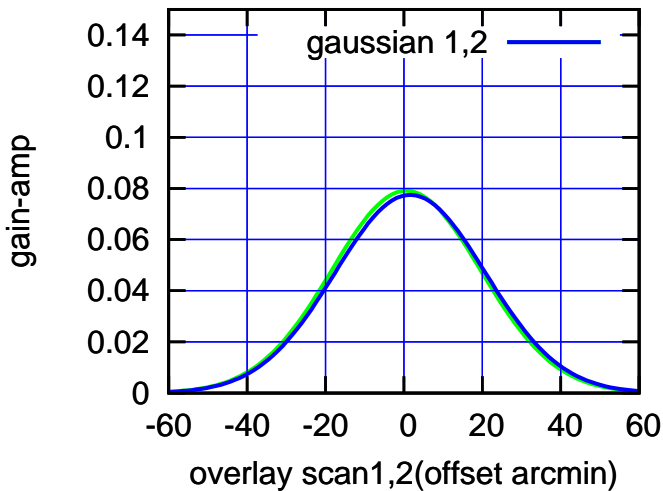
13:50 13:49 13:49 13:48 13:48 13:47 13:47 13:46 13:46



(-30'/m) 21Jul2017 13:48:00

BACKLASH ERROR= 1.0'

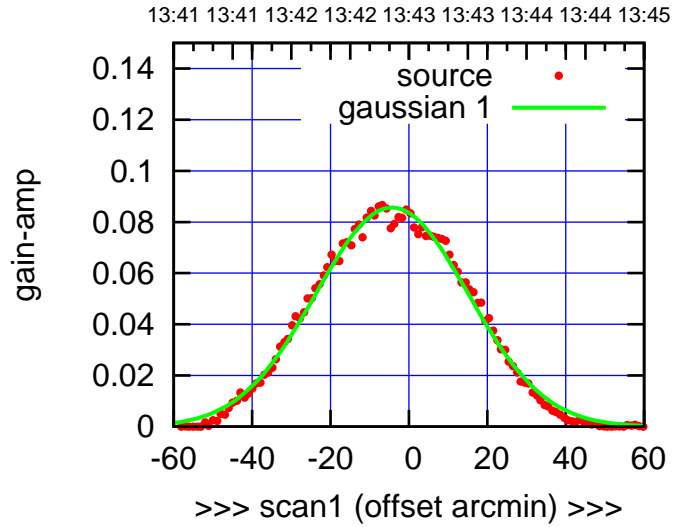
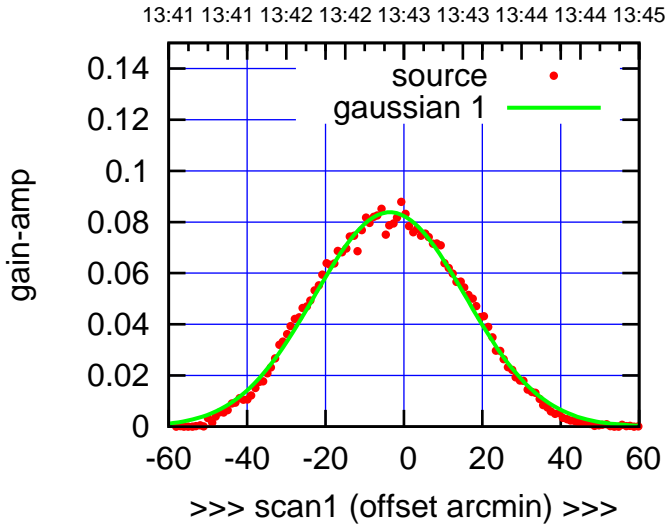
BACKLASH ERROR= 1.0'



(591 MHz.)

S06-130-EL OFF= -3.6' (45.5')

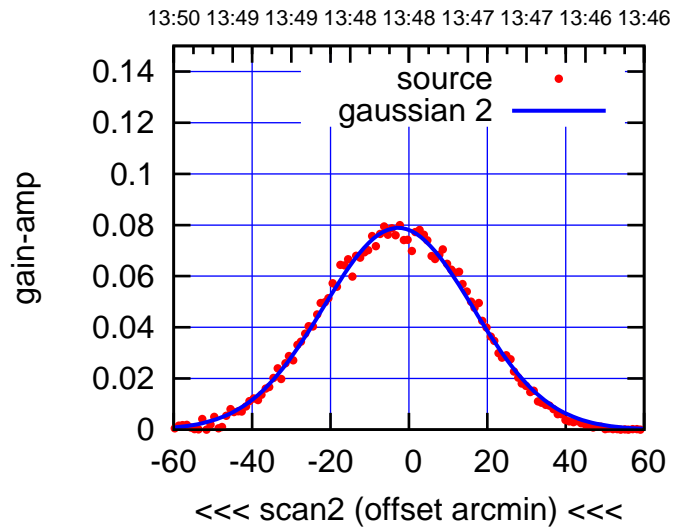
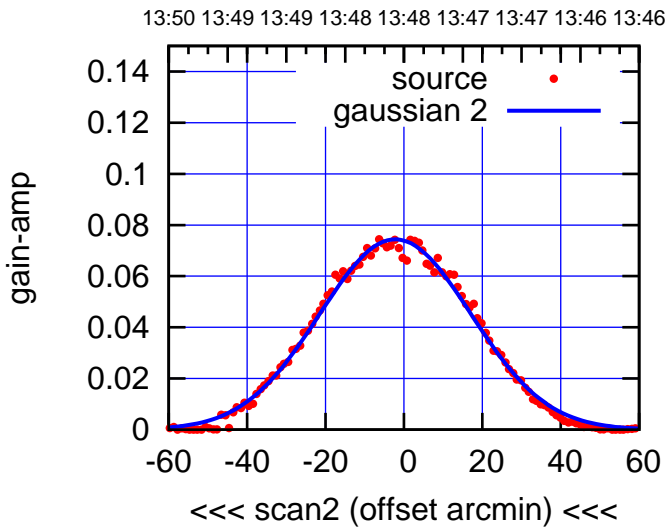
S06-175-EL OFF= -4.3' (45.8')



(+30'/m) 21Jul2017 13:43:00

S06-130-EL OFF= -2.2' (45.5')

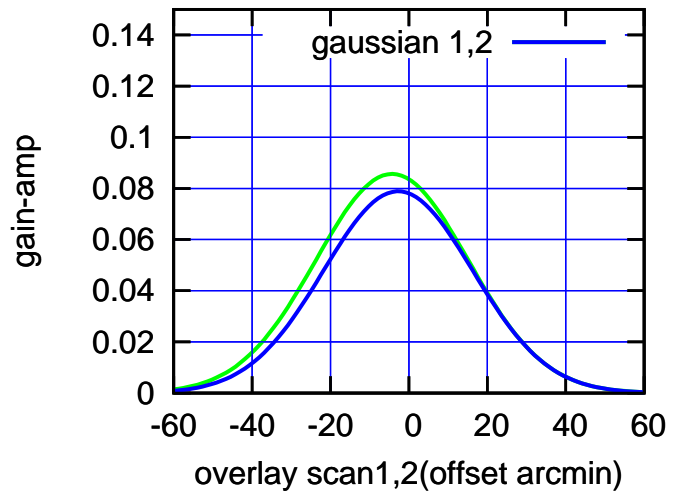
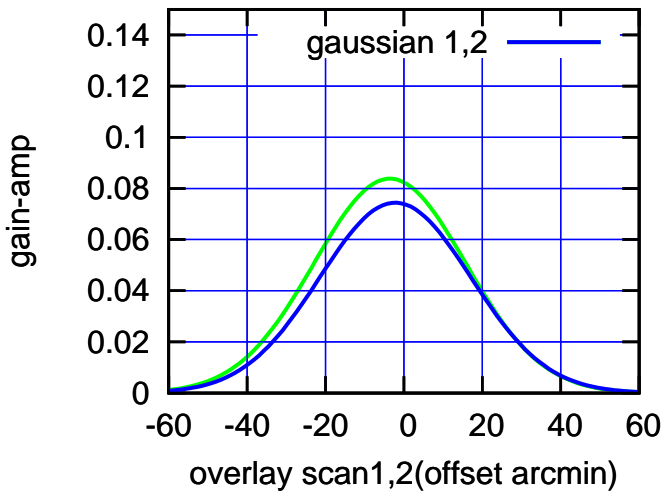
S06-175-EL OFF= -2.8' (44.9')



(-30'/m) 21Jul2017 13:48:00

BACKLASH ERROR= 1.4'

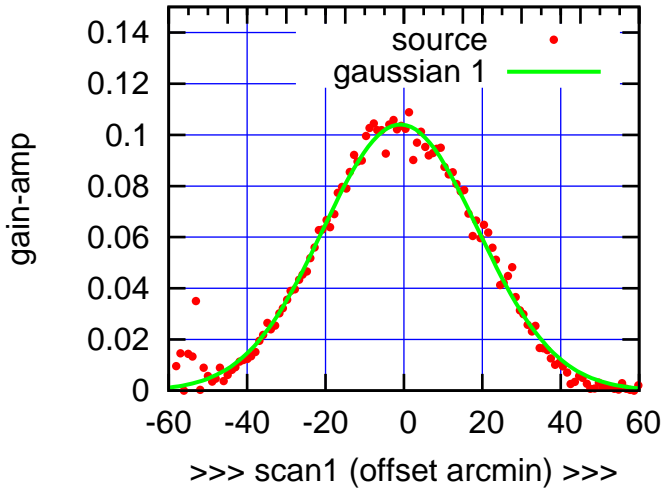
BACKLASH ERROR= 1.5'



(591 MHz.)

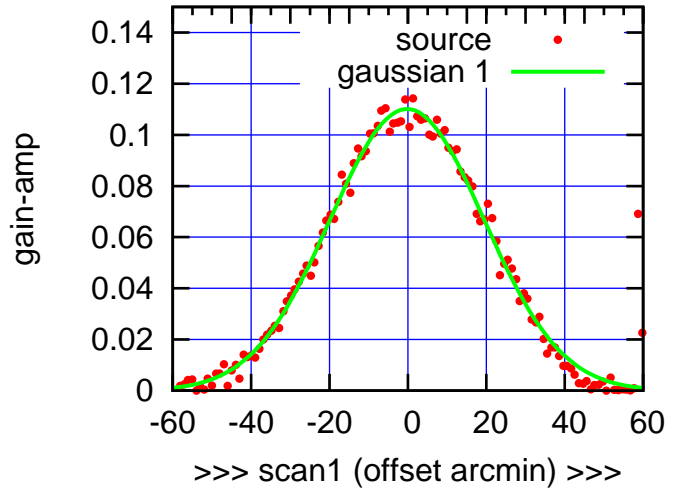
W01-130-EL OFF= -0.9' (46.5')

13:41 13:41 13:42 13:42 13:43 13:43 13:44 13:44 13:45



W01-175-EL OFF= -0.2' (46.3')

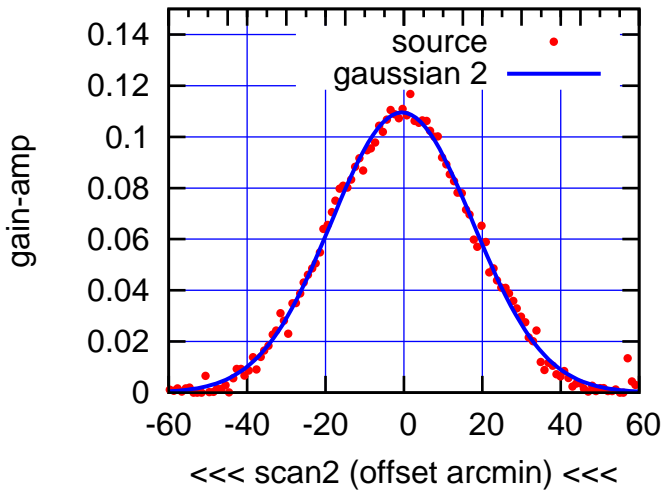
13:41 13:41 13:42 13:42 13:43 13:43 13:44 13:44 13:45



(+30'/m) 21Jul2017 13:43:00

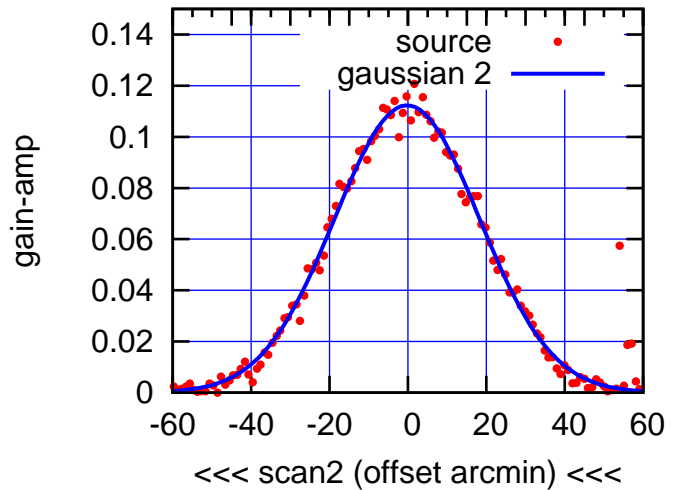
W01-130-EL OFF= -0.5' (42.7')

13:50 13:49 13:49 13:48 13:48 13:47 13:47 13:46 13:46



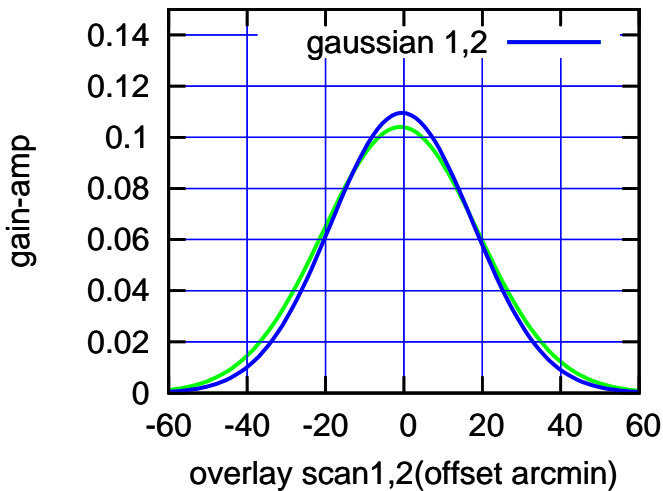
W01-175-EL OFF= -0.2' (43.5')

13:50 13:49 13:49 13:48 13:48 13:47 13:47 13:46 13:46

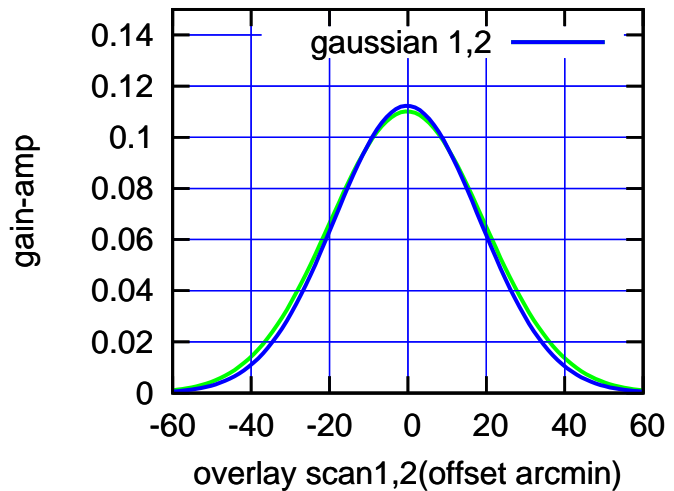


(-30'/m) 21Jul2017 13:48:00

BACKLASH ERROR= 0.4'



BACKLASH ERROR= 0.0'



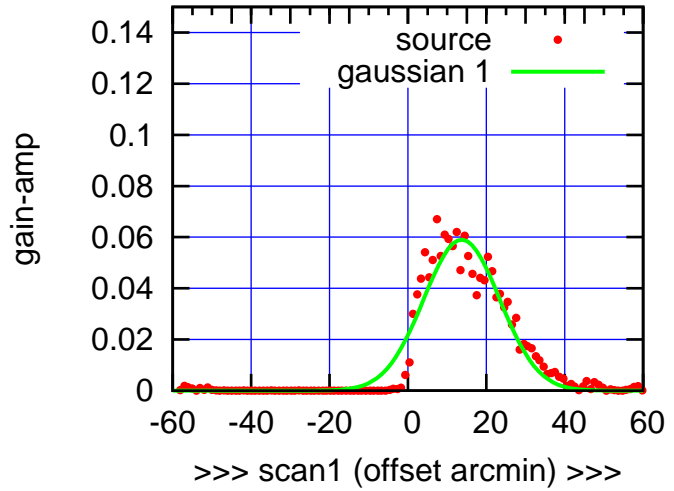
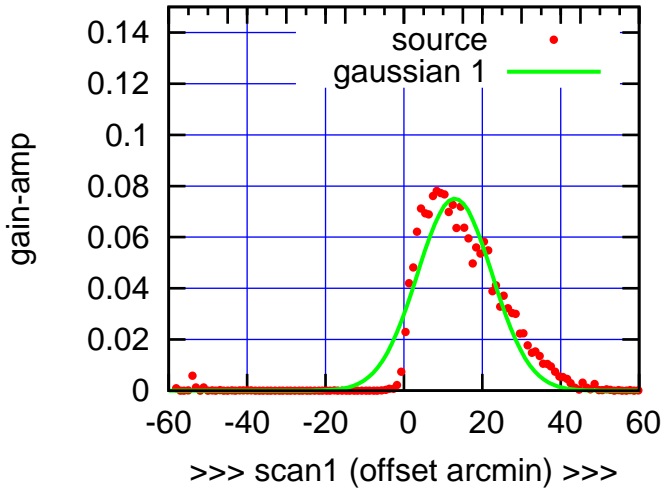
(591 MHz.)

W02-130-EL OFF= 13.0' (22.5')

W02-175-EL OFF= 13.7' (22.8')

13:41 13:41 13:42 13:42 13:43 13:43 13:44 13:44 13:45

13:41 13:41 13:42 13:42 13:43 13:43 13:44 13:44 13:45



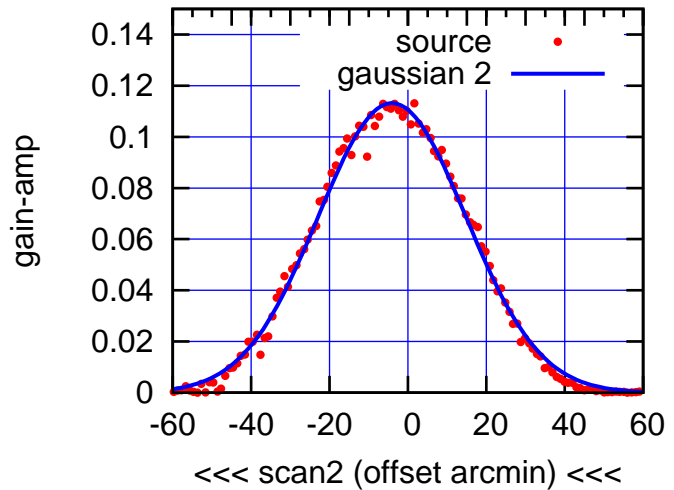
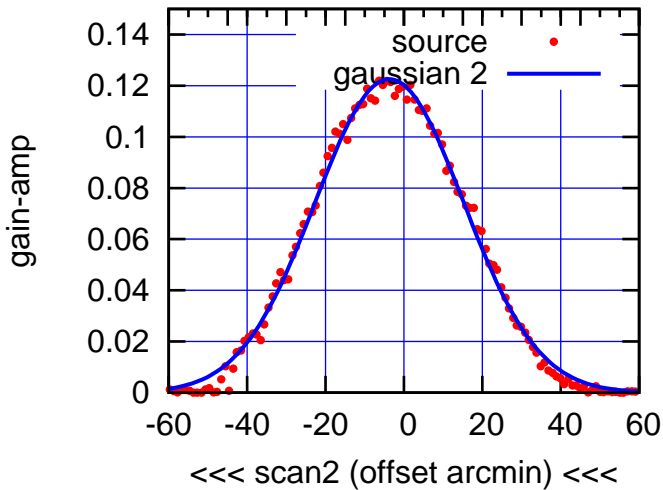
(+30'/m) 21Jul2017 13:43:00

W02-130-EL OFF= -3.7' (44.6')

W02-175-EL OFF= -4.1' (44.4')

13:50 13:49 13:49 13:48 13:48 13:47 13:47 13:46 13:46

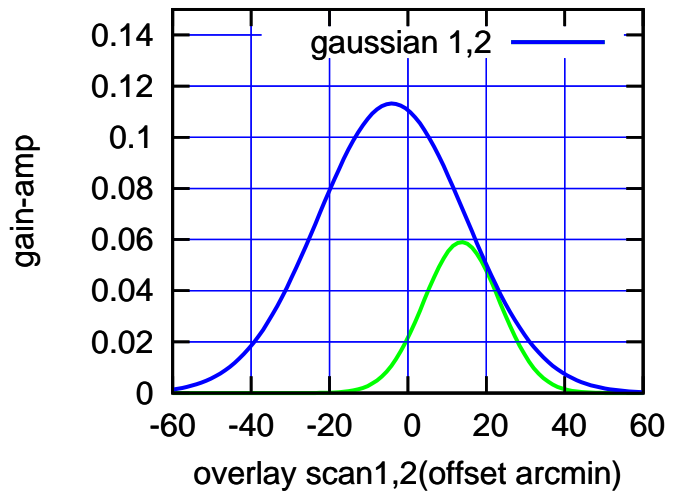
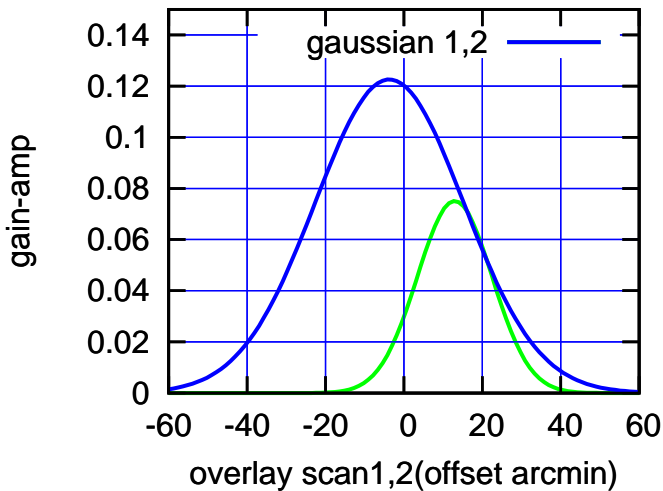
13:50 13:49 13:49 13:48 13:48 13:47 13:47 13:46 13:46



(-30'/m) 21Jul2017 13:48:00

BACKLASH ERROR= 16.7'

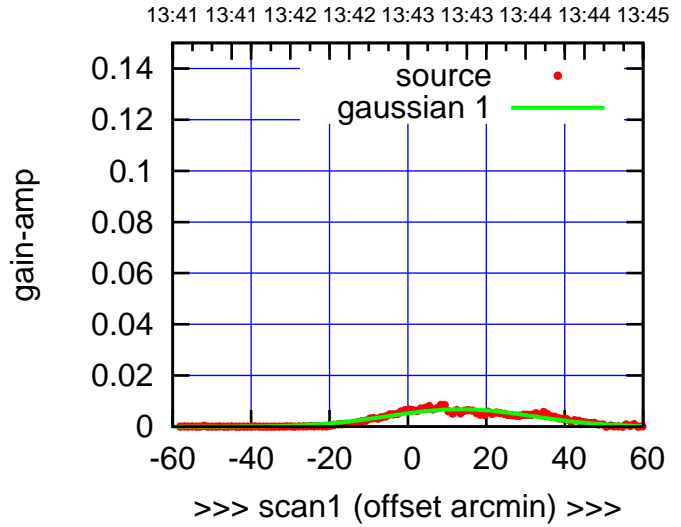
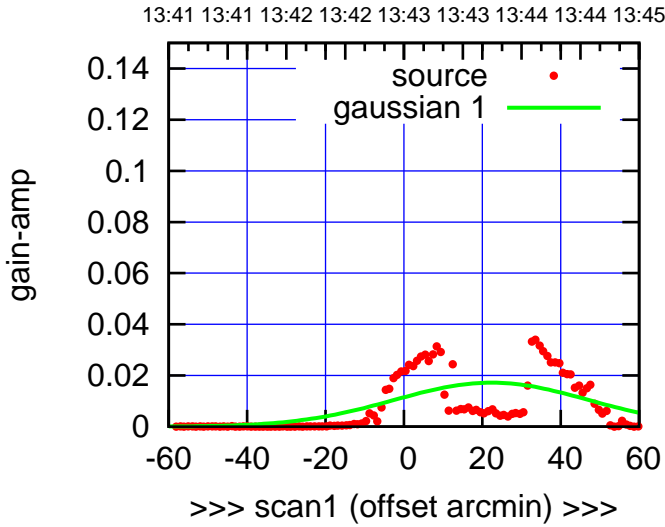
BACKLASH ERROR= 17.8'



(591 MHz.)

W03-130-EL OFF= 22.3' (58.3')

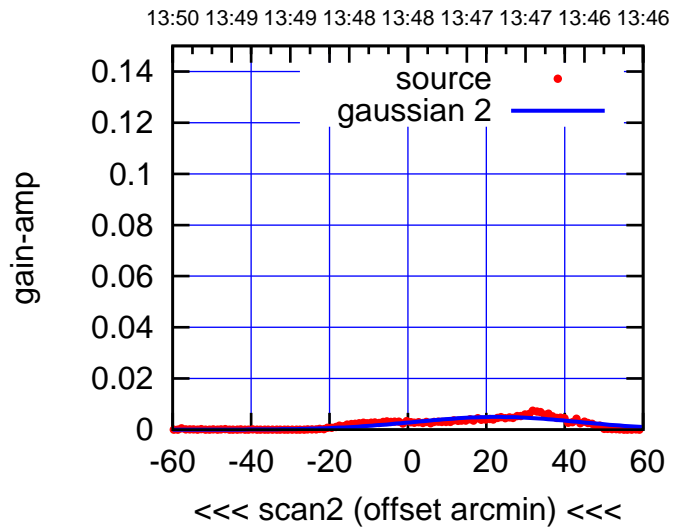
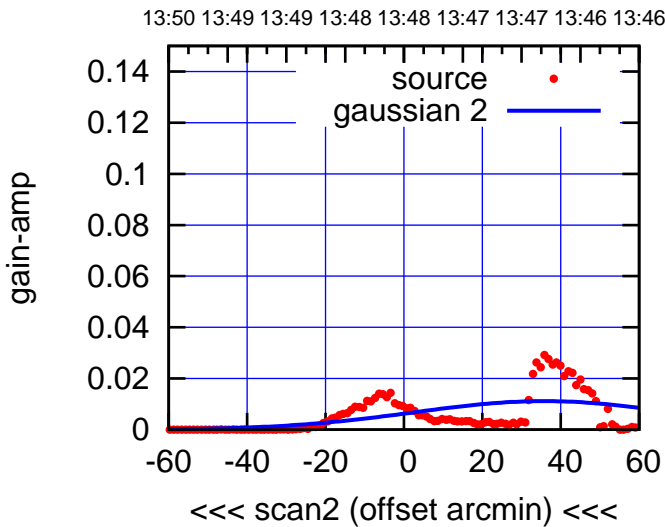
W03-175-EL OFF= 13.4' (42.9')



(+30'/m) 21Jul2017 13:43:00

W03-130-EL OFF= 35.8' (78.3')

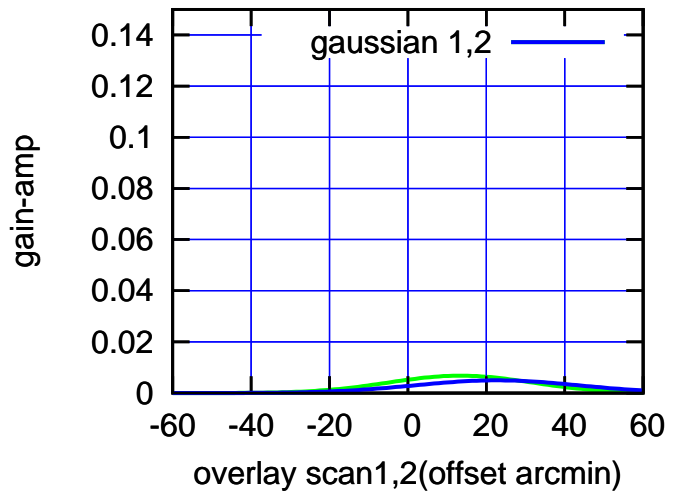
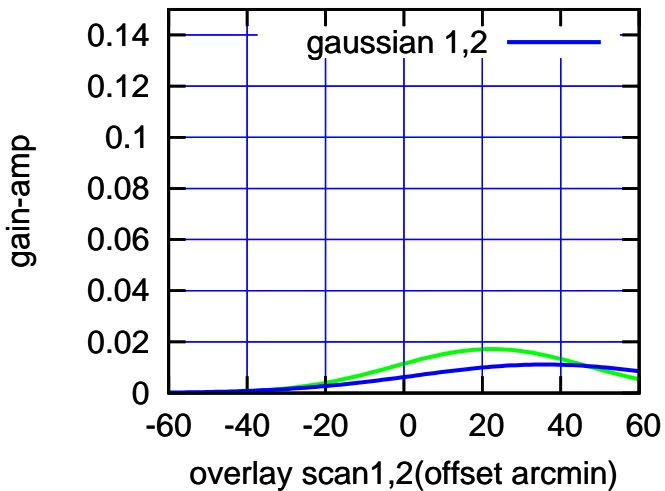
W03-175-EL OFF= 0.0' (49.3')



(-30'/m) 21Jul2017 13:48:00

BACKLASH ERROR= 13.5'

BACKLASH ERROR= 13.4'



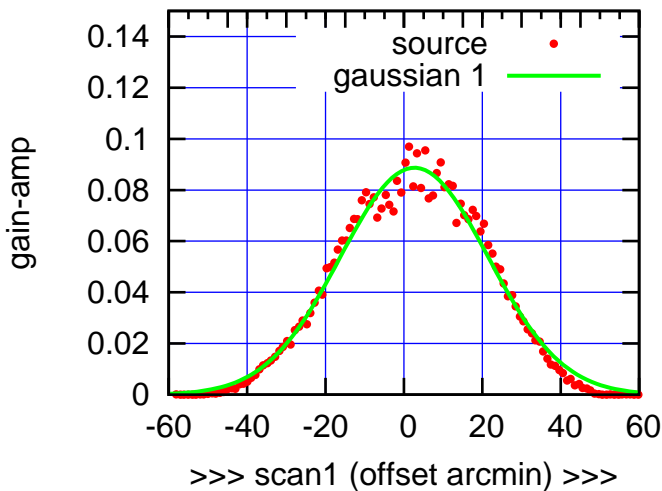
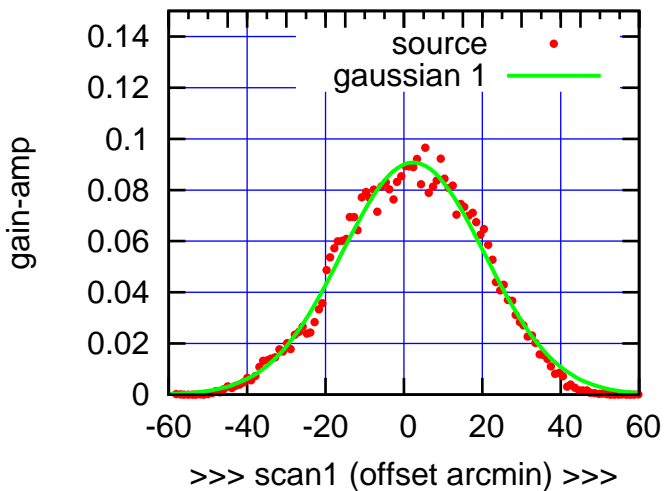
(591 MHz.)

W04-130-EL OFF= 2.3' (43.0')

W04-175-EL OFF= 2.6' (44.4')

13:41 13:41 13:42 13:42 13:43 13:43 13:44 13:44 13:45

13:41 13:41 13:42 13:42 13:43 13:43 13:44 13:44 13:45



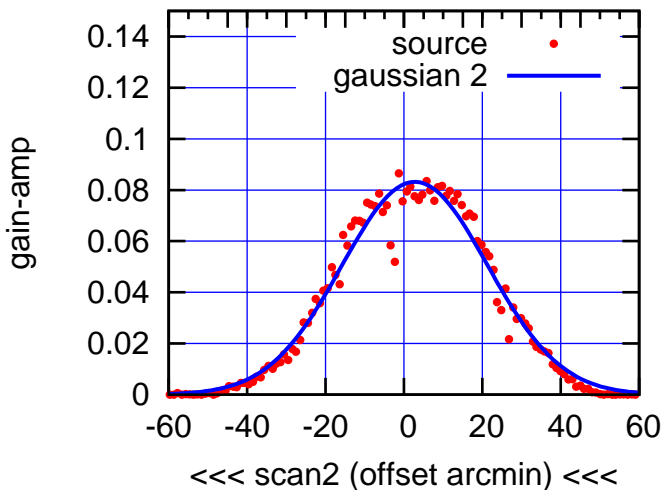
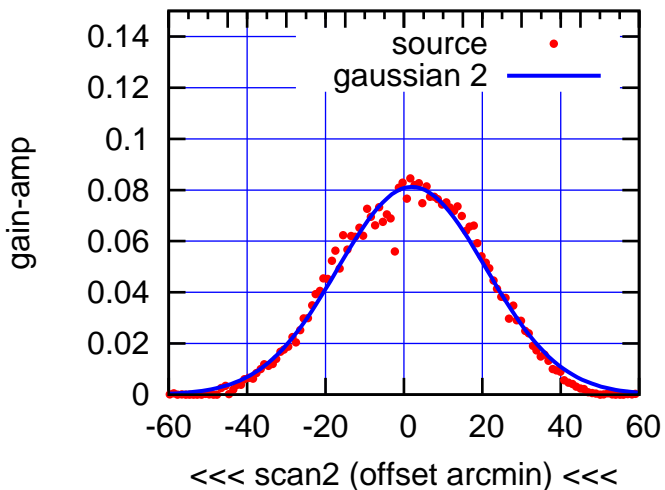
(+30'/m) 21Jul2017 13:43:00

W04-130-EL OFF= 2.0' (44.6')

W04-175-EL OFF= 2.8' (43.8')

13:50 13:49 13:49 13:48 13:48 13:47 13:47 13:46 13:46

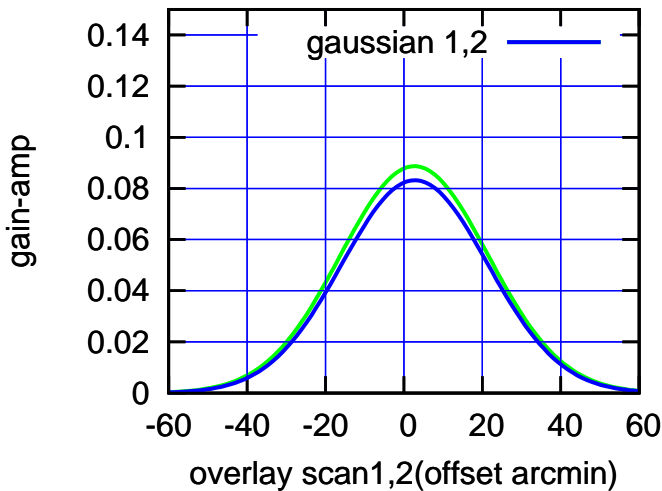
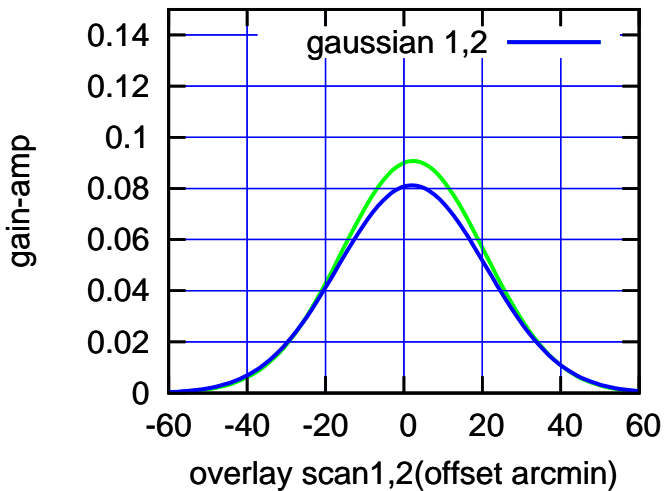
13:50 13:49 13:49 13:48 13:48 13:47 13:47 13:46 13:46



(-30'/m) 21Jul2017 13:48:00

BACKLASH ERROR= 0.3'

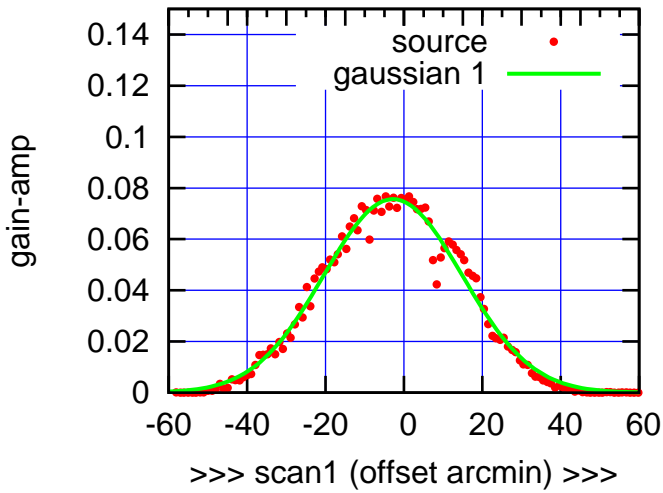
BACKLASH ERROR= 0.2'



(591 MHz.)

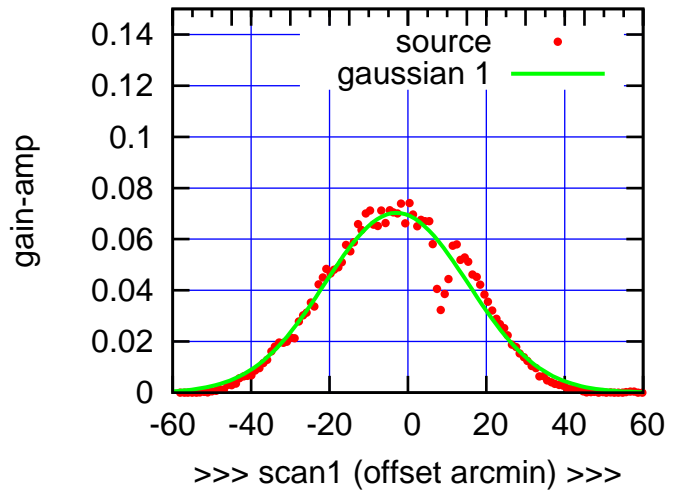
W05-130-EL OFF= -2.8' (41.6')

13:41 13:41 13:42 13:42 13:43 13:43 13:44 13:44 13:45



W05-175-EL OFF= -2.9' (43.1')

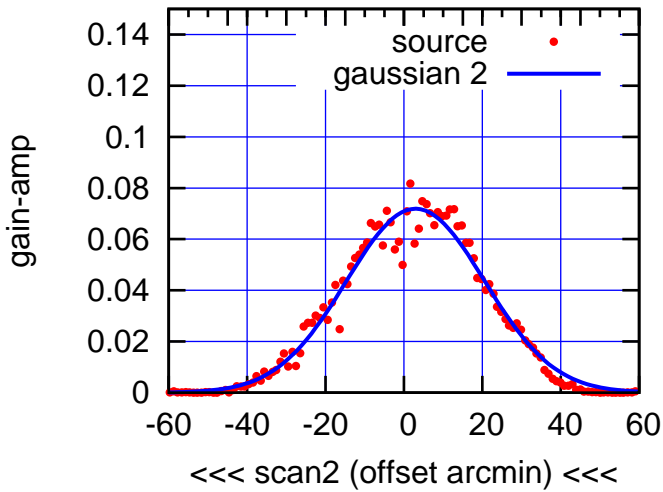
13:41 13:41 13:42 13:42 13:43 13:43 13:44 13:44 13:45



(+30'/m) 21Jul2017 13:43:00

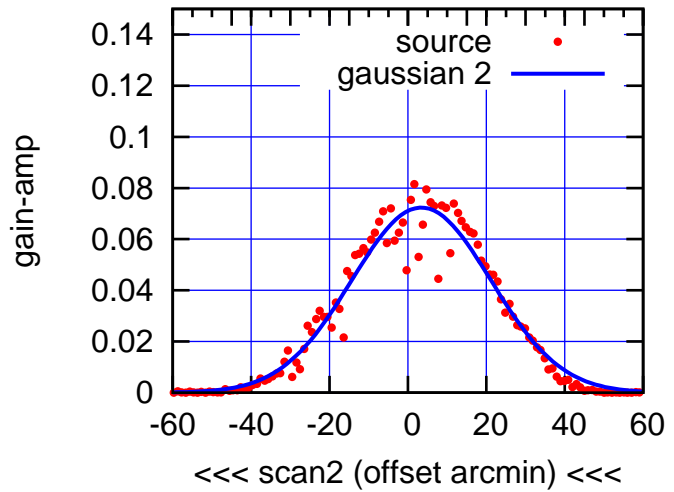
W05-130-EL OFF= 3.0' (41.5')

13:50 13:49 13:49 13:48 13:48 13:47 13:47 13:46 13:46



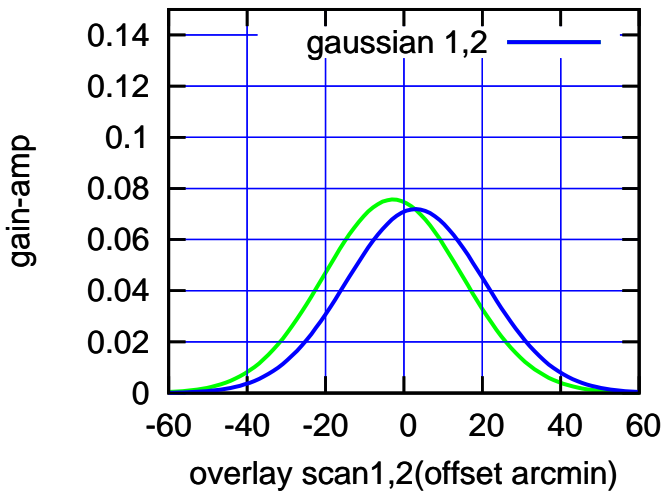
W05-175-EL OFF= 3.4' (41.9')

13:50 13:49 13:49 13:48 13:48 13:47 13:47 13:46 13:46

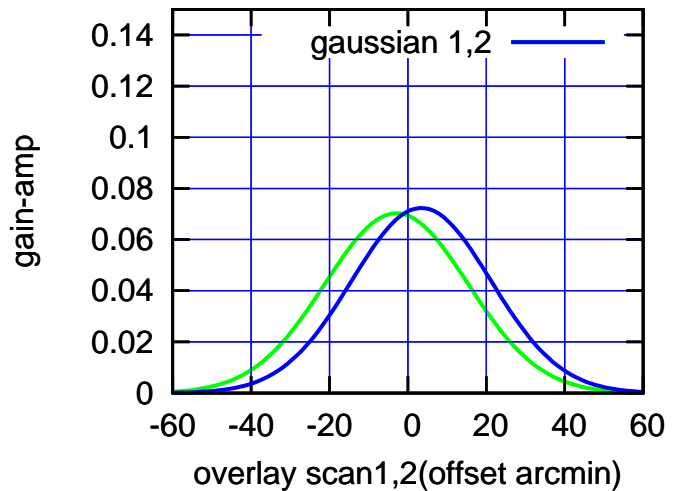


(-30'/m) 21Jul2017 13:48:00

BACKLASH ERROR= 5.8'



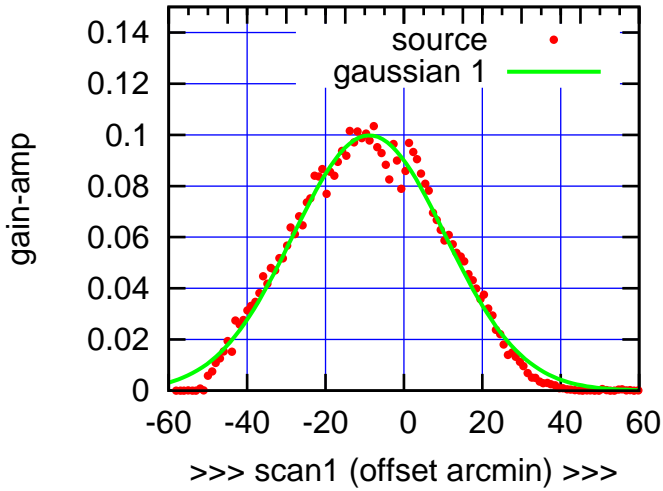
BACKLASH ERROR= 6.3'



(591 MHz.)

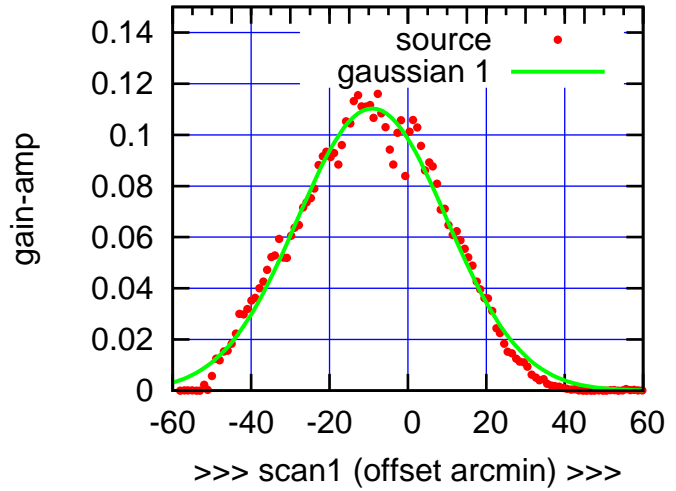
W06-130-EL OFF= -8.9' (45.9')

13:41 13:41 13:42 13:42 13:43 13:43 13:44 13:44 13:45



W06-175-EL OFF= -9.1' (44.9')

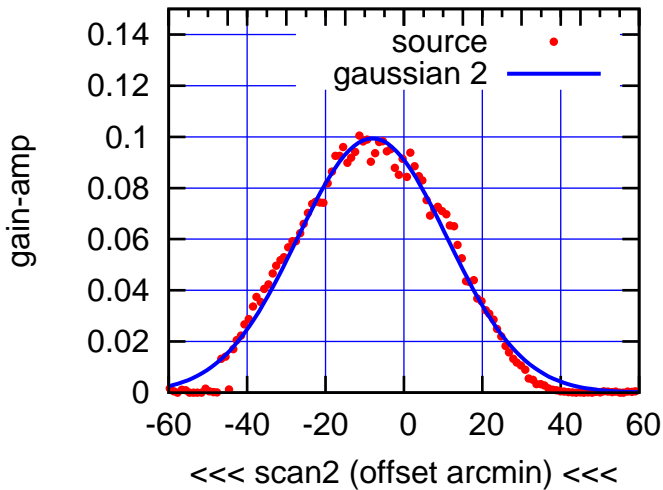
13:41 13:41 13:42 13:42 13:43 13:43 13:44 13:44 13:45



(+30'/m) 21Jul2017 13:43:00

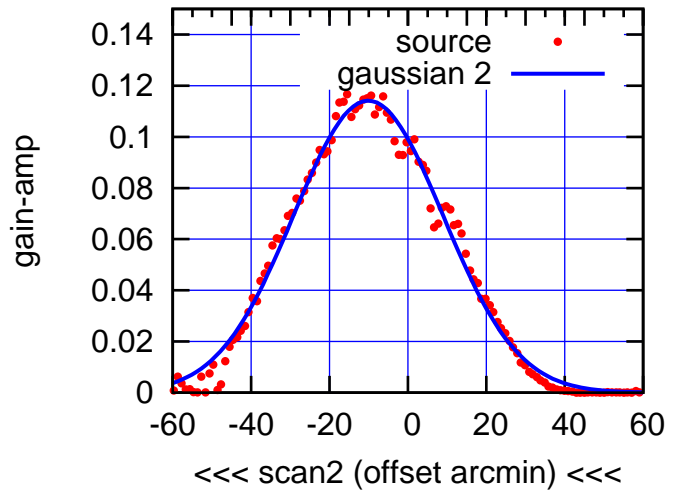
W06-130-EL OFF= -8.0' (45.1')

13:50 13:49 13:49 13:48 13:48 13:47 13:47 13:46 13:46



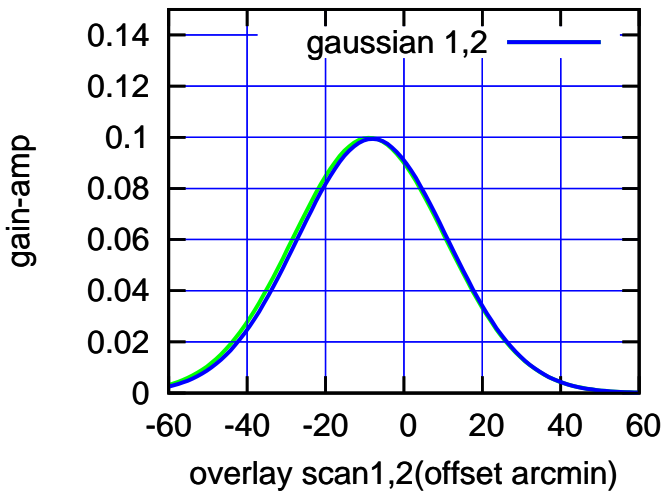
W06-175-EL OFF= -10.1' (44.9')

13:50 13:49 13:49 13:48 13:48 13:47 13:47 13:46 13:46

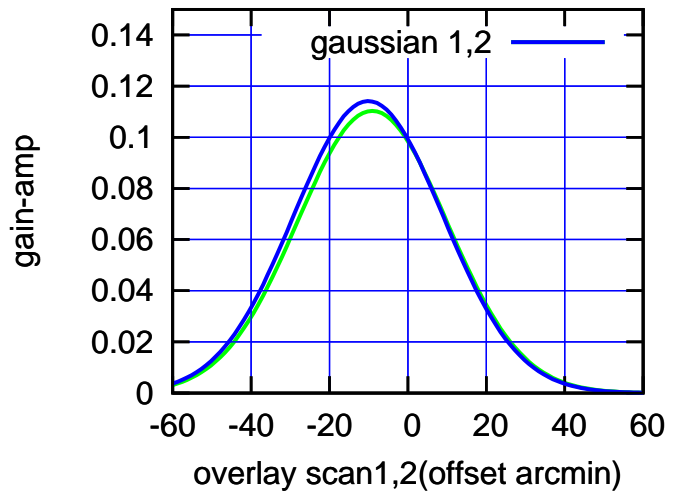


(-30'/m) 21Jul2017 13:48:00

BACKLASH ERROR= 0.9'



BACKLASH ERROR= 1.0'



(591 MHz.)

```

# backlash test : 21Jul2017 13:43:00, 21Jul2017 13:48:00
# lta file : /gsbifrddata/21jul/test_backlash.lta
# lta scan no(s) : 8,9
# lta chan range : [200,201]
# scan1 start time: 21Jul2017 13:41:00
# scan1 peak time: 21Jul2017 13:43:00
# scan1 end time: 21Jul2017 13:45:00
# scan2 start time: 21Jul2017 13:46:00
# scan2 peak time: 21Jul2017 13:48:00
# scan2 end time: 21Jul2017 13:50:00
# scan1 rate/speed: 30'/m
# scan2 rate/speed: -30'/m
# xrange posn : [-60':60']
# yrange gain-amp : [0:0.15]
# frequency (MHz) : 591
# axis : EL
# elevation(deg) : 39.9
# antenna flag : 1 - working, 0 - non working

```

C00-130-EL	OFF(scan1)= 0.4	OFF(scan2)= 1.5	ERROR= 1.1	FLAG= 1
C00-175-EL	OFF(scan1)= 0.9	OFF(scan2)= 2.3	ERROR= 1.4	FLAG= 1
C01-130-EL	OFF(scan1)= 11.4	OFF(scan2)= 12.5	ERROR= 1.1	FLAG= 1
C01-175-EL	OFF(scan1)= 12.6	OFF(scan2)= 13.4	ERROR= 0.8	FLAG= 1
C02-130-EL	OFF(scan1)= -0.4	OFF(scan2)= -0.8	ERROR= 0.4	FLAG= 1
C02-175-EL	OFF(scan1)= -0.3	OFF(scan2)= -0.8	ERROR= 0.5	FLAG= 1
C03-130-EL	OFF(scan1)= -7.9	OFF(scan2)= -8.2	ERROR= 0.3	FLAG= 1
C03-175-EL	OFF(scan1)= -7.7	OFF(scan2)= -8.4	ERROR= 0.7	FLAG= 1
C04-130-EL	OFF(scan1)= 1.2	OFF(scan2)= 1.8	ERROR= 0.6	FLAG= 1
C04-175-EL	OFF(scan1)= 1.7	OFF(scan2)= 2.6	ERROR= 0.9	FLAG= 1
C05-130-EL	OFF(scan1)= -1.9	OFF(scan2)= -2.9	ERROR= 1.0	FLAG= 1
C05-175-EL	OFF(scan1)= -1.0	OFF(scan2)= -2.8	ERROR= 1.8	FLAG= 1
C06-130-EL	OFF(scan1)= 0.0	OFF(scan2)= 0.0	ERROR= 0.0	FLAG= 0
C06-175-EL	OFF(scan1)= 0.0	OFF(scan2)= 0.0	ERROR= 0.0	FLAG= 0
C08-130-EL	OFF(scan1)= -1.6	OFF(scan2)= -1.3	ERROR= 0.3	FLAG= 1
C08-175-EL	OFF(scan1)= -1.5	OFF(scan2)= -1.4	ERROR= 0.1	FLAG= 1
C09-130-EL	OFF(scan1)= 1.6	OFF(scan2)= 0.9	ERROR= 0.7	FLAG= 1
C09-175-EL	OFF(scan1)= 2.0	OFF(scan2)= 0.7	ERROR= 1.3	FLAG= 1
C10-130-EL	OFF(scan1)= 4.1	OFF(scan2)= 3.3	ERROR= 0.8	FLAG= 1
C10-175-EL	OFF(scan1)= 3.9	OFF(scan2)= 2.5	ERROR= 1.4	FLAG= 1
C11-130-EL	OFF(scan1)= 6.5	OFF(scan2)= 7.2	ERROR= 0.7	FLAG= 1
C11-175-EL	OFF(scan1)= 5.8	OFF(scan2)= 6.4	ERROR= 0.6	FLAG= 1
C12-130-EL	OFF(scan1)= 2.3	OFF(scan2)= 2.2	ERROR= 0.1	FLAG= 1
C12-175-EL	OFF(scan1)= 3.1	OFF(scan2)= 2.6	ERROR= 0.5	FLAG= 1
C13-130-EL	OFF(scan1)= 0.0	OFF(scan2)= 0.0	ERROR= 0.0	FLAG= 0
C13-175-EL	OFF(scan1)= 0.0	OFF(scan2)= 0.0	ERROR= 0.0	FLAG= 0
C14-130-EL	OFF(scan1)= 0.5	OFF(scan2)= 3.0	ERROR= 2.5	FLAG= 1
C14-175-EL	OFF(scan1)= 0.9	OFF(scan2)= 3.2	ERROR= 2.3	FLAG= 1
E02-130-EL	OFF(scan1)= -1.1	OFF(scan2)= -1.1	ERROR= 0.0	FLAG= 1
E02-175-EL	OFF(scan1)= -0.9	OFF(scan2)= -0.7	ERROR= 0.2	FLAG= 1
E03-130-EL	OFF(scan1)= 4.8	OFF(scan2)= 5.0	ERROR= 0.2	FLAG= 1
E03-175-EL	OFF(scan1)= 2.8	OFF(scan2)= 3.0	ERROR= 0.2	FLAG= 1
E04-130-EL	OFF(scan1)= 2.1	OFF(scan2)= 2.3	ERROR= 0.2	FLAG= 1
E04-175-EL	OFF(scan1)= 2.5	OFF(scan2)= 2.9	ERROR= 0.4	FLAG= 1
E05-130-EL	OFF(scan1)= 3.0	OFF(scan2)= 2.8	ERROR= 0.2	FLAG= 1
E05-175-EL	OFF(scan1)= 2.7	OFF(scan2)= 2.7	ERROR= 0.0	FLAG= 1
E06-130-EL	OFF(scan1)= 1.7	OFF(scan2)= 1.3	ERROR= 0.4	FLAG= 1
E06-175-EL	OFF(scan1)= 1.9	OFF(scan2)= 1.4	ERROR= 0.5	FLAG= 1
S01-130-EL	OFF(scan1)= 8.4	OFF(scan2)= 8.6	ERROR= 0.2	FLAG= 1
S01-175-EL	OFF(scan1)= 8.7	OFF(scan2)= 9.3	ERROR= 0.6	FLAG= 1
S02-130-EL	OFF(scan1)= 6.4	OFF(scan2)= 11.0	ERROR= 4.6	FLAG= 1
S02-175-EL	OFF(scan1)= 6.2	OFF(scan2)= 10.7	ERROR= 4.5	FLAG= 1
S03-130-EL	OFF(scan1)= 3.6	OFF(scan2)= 1.9	ERROR= 1.7	FLAG= 1
S03-175-EL	OFF(scan1)= 3.1	OFF(scan2)= 1.7	ERROR= 1.4	FLAG= 1
S04-130-EL	OFF(scan1)= 0.6	OFF(scan2)= 1.6	ERROR= 1.0	FLAG= 1
S04-175-EL	OFF(scan1)= 0.9	OFF(scan2)= 1.9	ERROR= 1.0	FLAG= 1
S06-130-EL	OFF(scan1)= -3.6	OFF(scan2)= -2.2	ERROR= 1.4	FLAG= 1
S06-175-EL	OFF(scan1)= -4.3	OFF(scan2)= -2.8	ERROR= 1.5	FLAG= 1

W01-130-EL	OFF(scan1)=	-0.9	OFF(scan2)=	-0.5	ERROR=	0.4	FLAG=	1
W01-175-EL	OFF(scan1)=	-0.2	OFF(scan2)=	-0.2	ERROR=	0.0	FLAG=	1
W02-130-EL	OFF(scan1)=	13.0	OFF(scan2)=	-3.7	ERROR=	16.7	FLAG=	1
W02-175-EL	OFF(scan1)=	13.7	OFF(scan2)=	-4.1	ERROR=	17.8	FLAG=	1
W03-130-EL	OFF(scan1)=	22.3	OFF(scan2)=	35.8	ERROR=	13.5	FLAG=	1
W03-175-EL	OFF(scan1)=	13.4	OFF(scan2)=	0.0	ERROR=	13.4	FLAG=	0
W04-130-EL	OFF(scan1)=	2.3	OFF(scan2)=	2.0	ERROR=	0.3	FLAG=	1
W04-175-EL	OFF(scan1)=	2.6	OFF(scan2)=	2.8	ERROR=	0.2	FLAG=	1
W05-130-EL	OFF(scan1)=	-2.8	OFF(scan2)=	3.0	ERROR=	5.8	FLAG=	1
W05-175-EL	OFF(scan1)=	-2.9	OFF(scan2)=	3.4	ERROR=	6.3	FLAG=	1
W06-130-EL	OFF(scan1)=	-8.9	OFF(scan2)=	-8.0	ERROR=	0.9	FLAG=	1
W06-175-EL	OFF(scan1)=	-9.1	OFF(scan2)=	-10.1	ERROR=	1.0	FLAG=	1

EL backlash test (21Jul2017 13:43:00)

