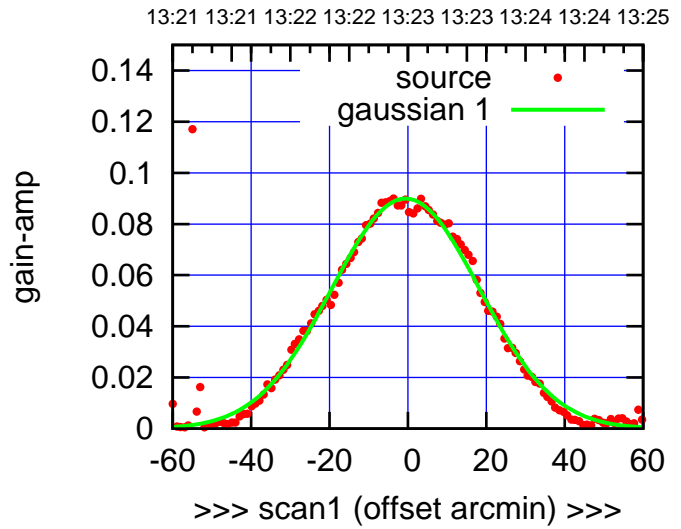
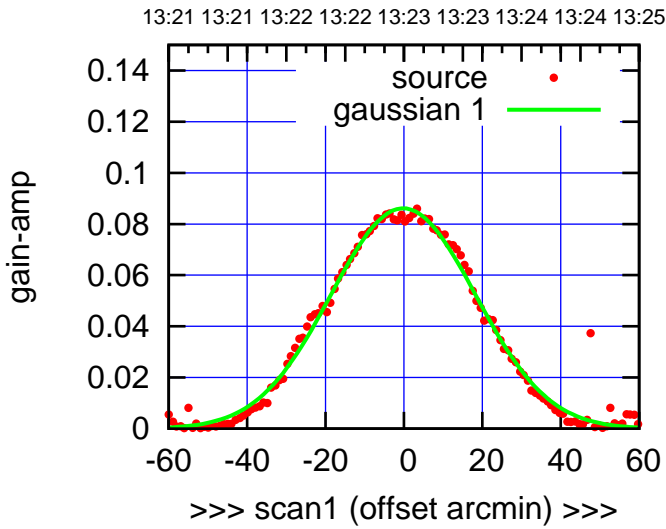


C00-130-EL OFF= -0.2' (43.5')

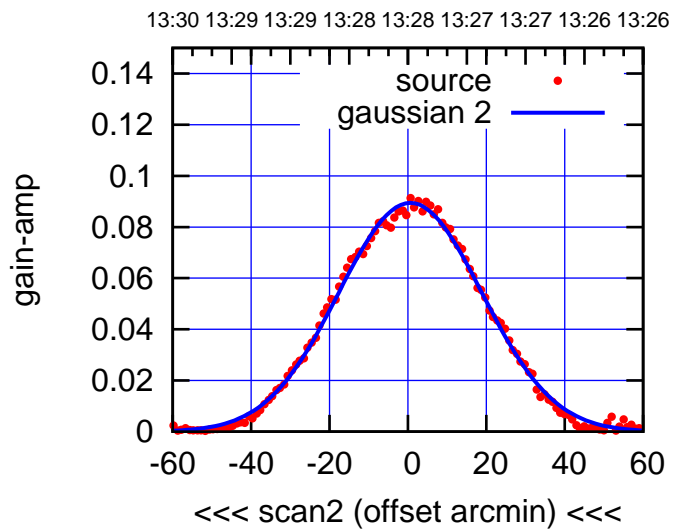
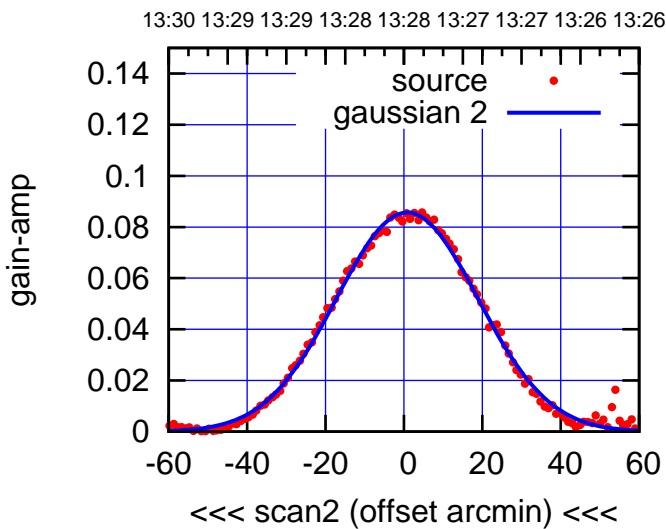
C00-175-EL OFF= -0.6' (44.5')



(+30'/m) 21Jul2017 13:23:00

C00-130-EL OFF= 0.8' (42.6')

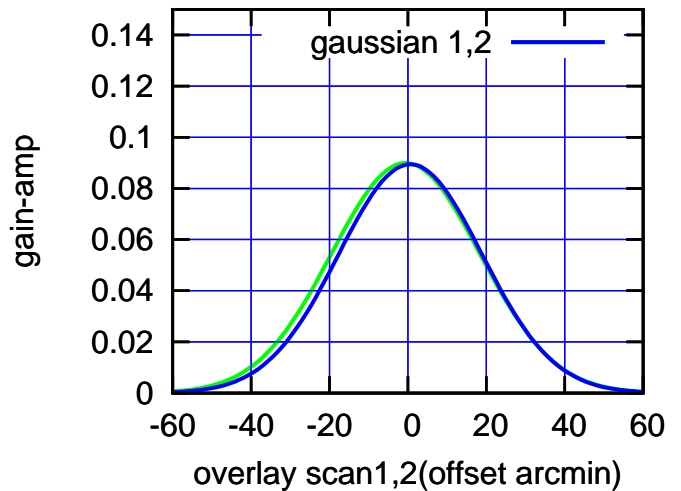
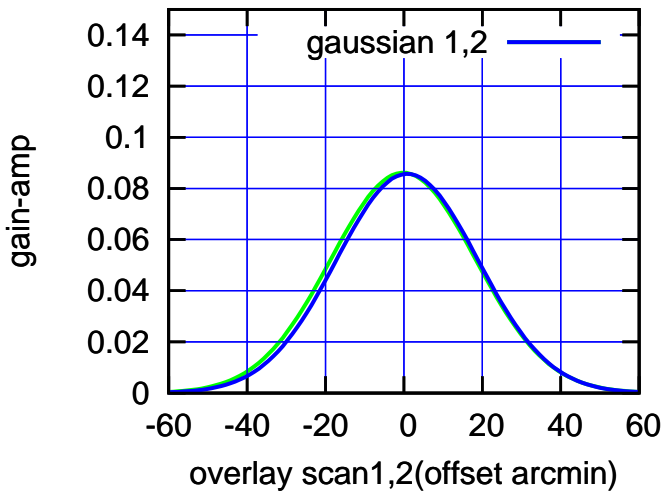
C00-175-EL OFF= 0.6' (43.1')



(-30'/m) 21Jul2017 13:28:00

BACKLASH ERROR= 1.0'

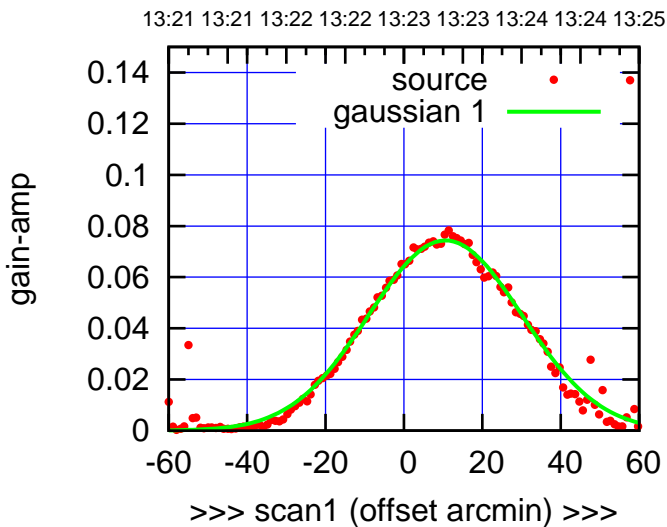
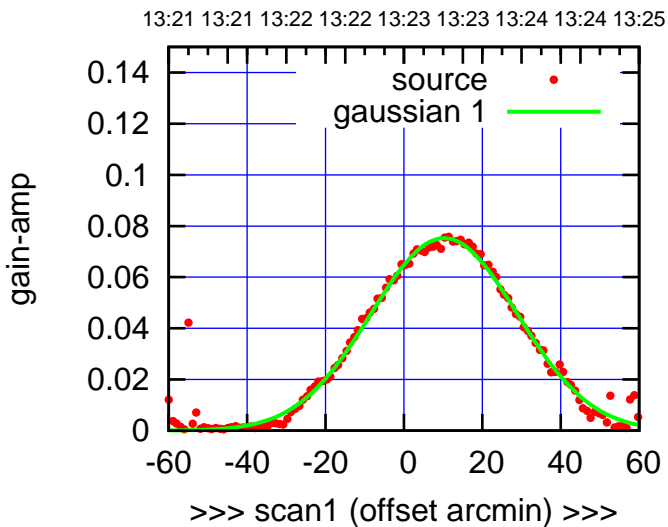
BACKLASH ERROR= 1.2'



(591 MHz.)

C01-130-EL OFF= 10.2' (44.0')

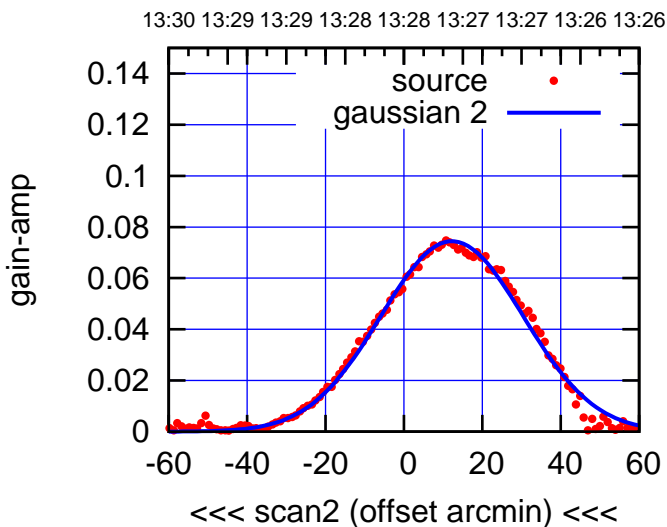
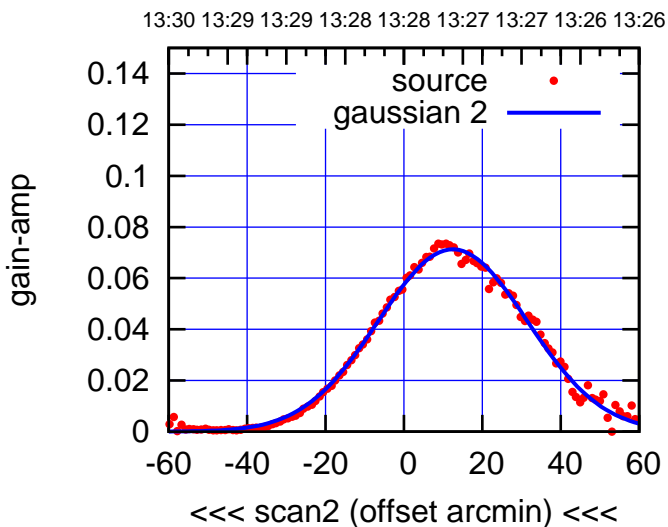
C01-175-EL OFF= 10.6' (46.1')



(+30'/m) 21Jul2017 13:23:00

C01-130-EL OFF= 12.5' (44.8')

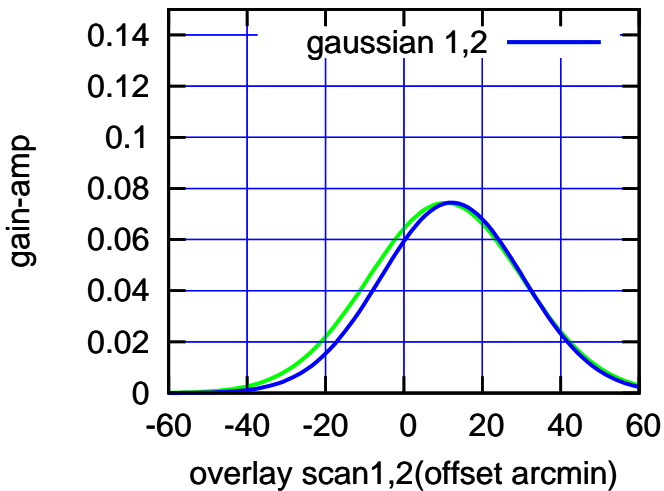
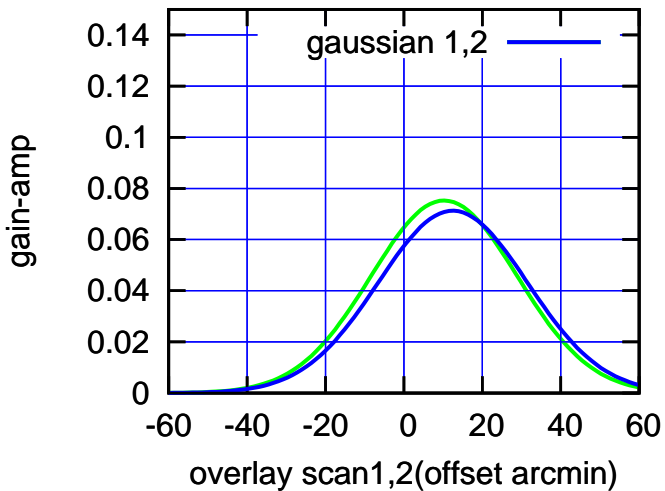
C01-175-EL OFF= 12.3' (42.8')



(-30'/m) 21Jul2017 13:28:00

BACKLASH ERROR= 2.3'

BACKLASH ERROR= 1.7'



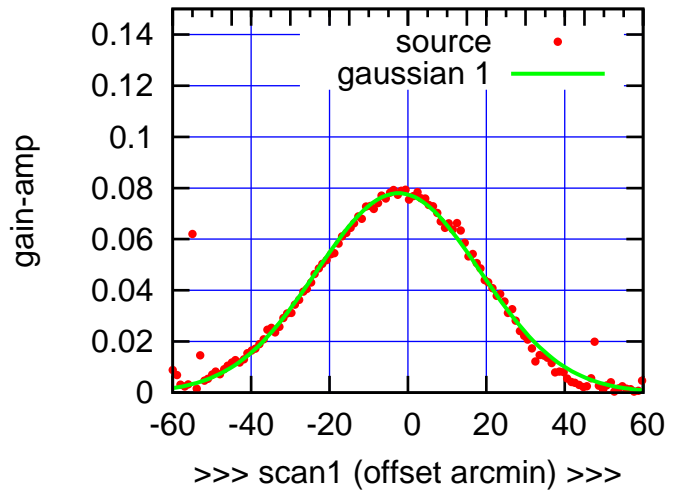
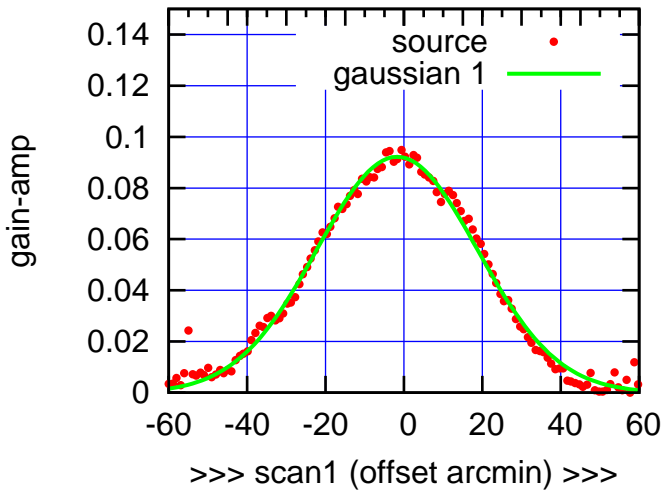
(591 MHz.)

C02-130-EL OFF= -1.7' (48.2')

C02-175-EL OFF= -2.4' (49.3')

13:21 13:21 13:22 13:22 13:23 13:23 13:24 13:24 13:25

13:21 13:21 13:22 13:22 13:23 13:23 13:24 13:24 13:25



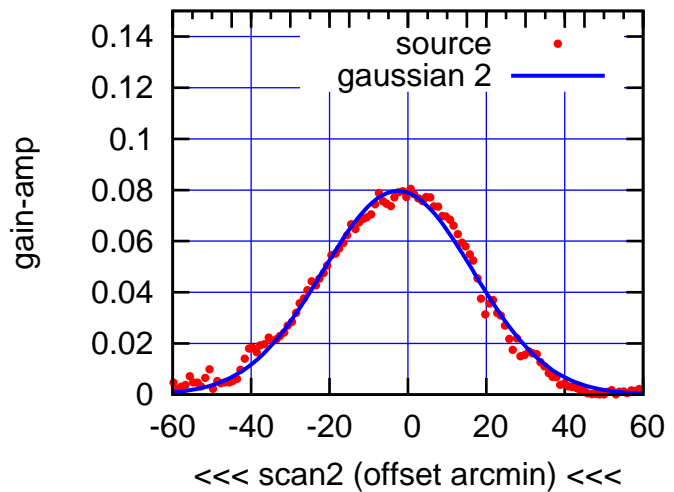
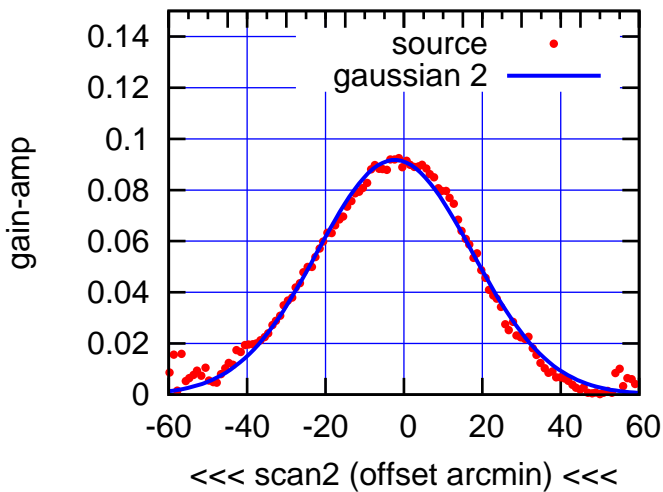
(+30'/m) 21Jul2017 13:23:00

C02-130-EL OFF= -2.4' (46.6')

C02-175-EL OFF= -2.5' (45.1')

13:30 13:29 13:29 13:28 13:28 13:27 13:27 13:26 13:26

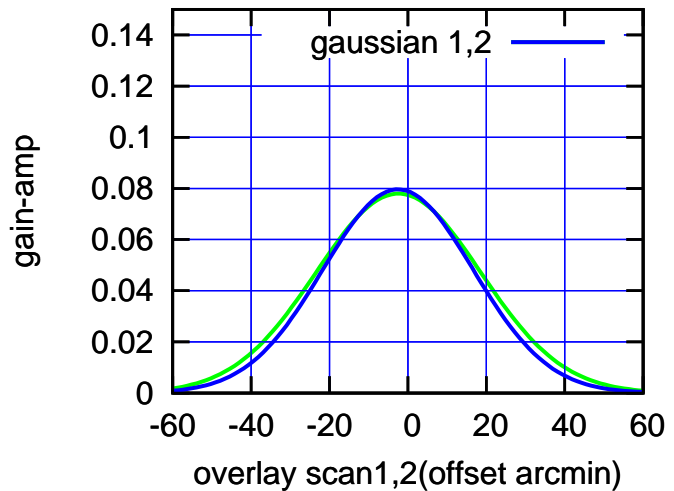
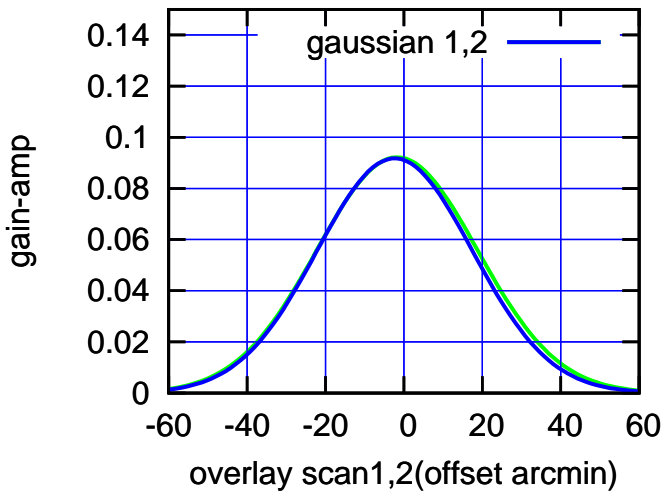
13:30 13:29 13:29 13:28 13:28 13:27 13:27 13:26 13:26



(-30'/m) 21Jul2017 13:28:00

BACKLASH ERROR= 0.7'

BACKLASH ERROR= 0.1'



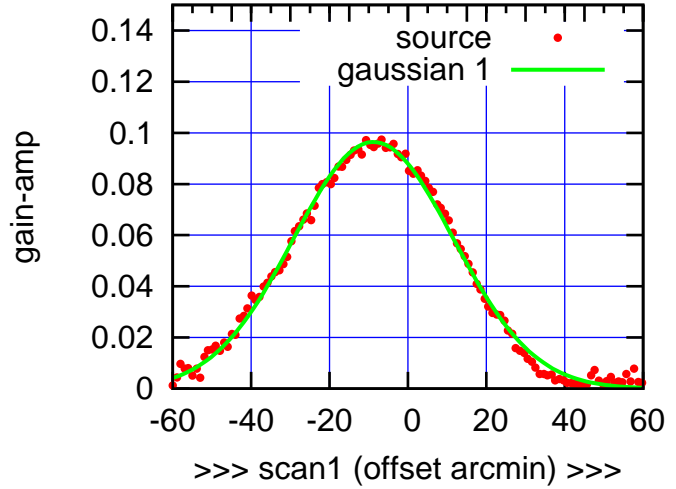
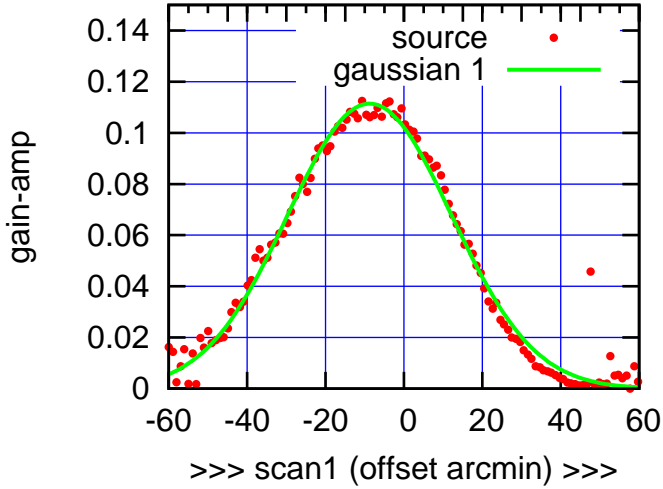
(591 MHz.)

C03-130-EL OFF= -8.8' (49.4')

C03-175-EL OFF= -8.8' (48.1')

13:21 13:21 13:22 13:22 13:23 13:23 13:24 13:24 13:25

13:21 13:21 13:22 13:22 13:23 13:23 13:24 13:24 13:25



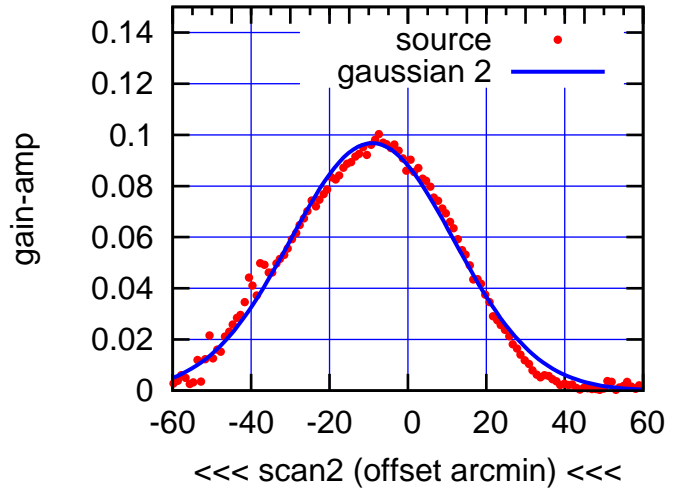
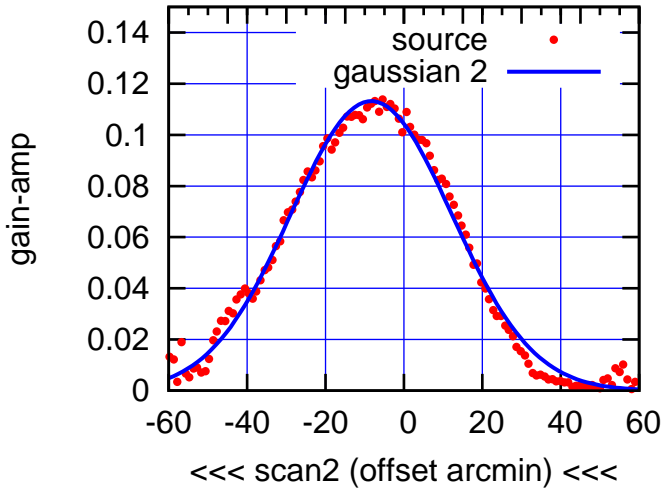
(+30'/m) 21Jul2017 13:23:00

C03-130-EL OFF= -8.3' (48.6')

C03-175-EL OFF= -9.1' (49.3')

13:30 13:29 13:29 13:28 13:28 13:27 13:27 13:26 13:26

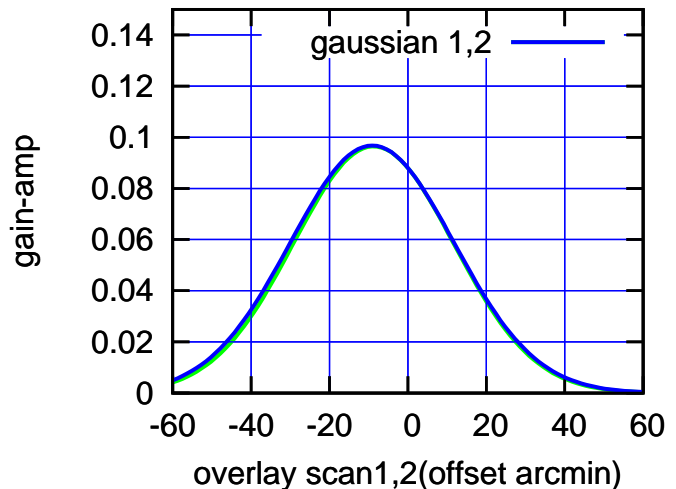
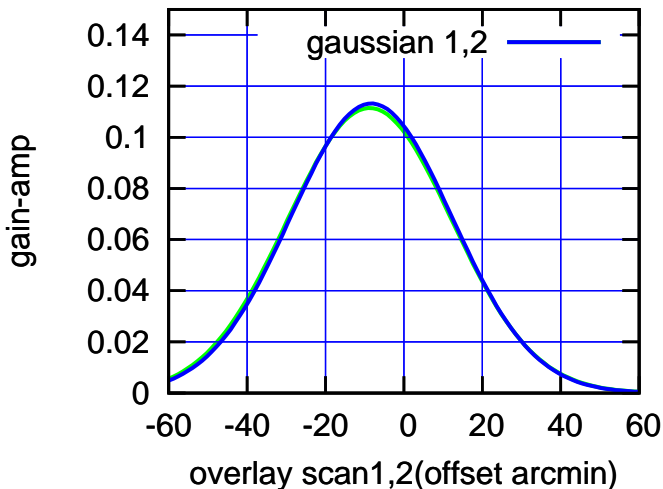
13:30 13:29 13:29 13:28 13:28 13:27 13:27 13:26 13:26



(-30'/m) 21Jul2017 13:28:00

BACKLASH ERROR= 0.5'

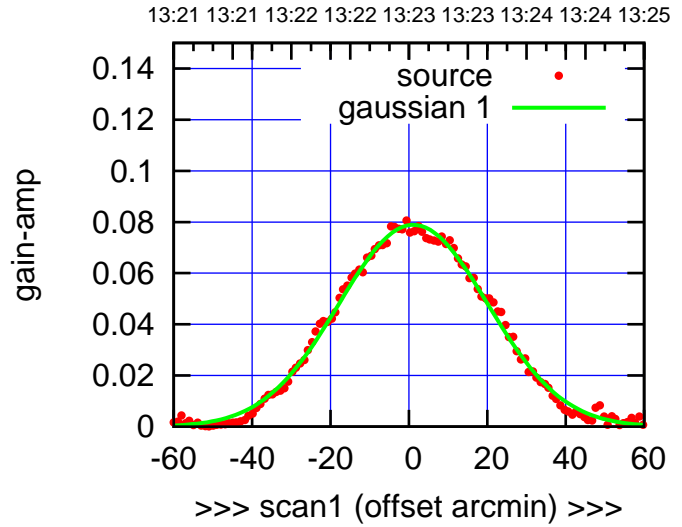
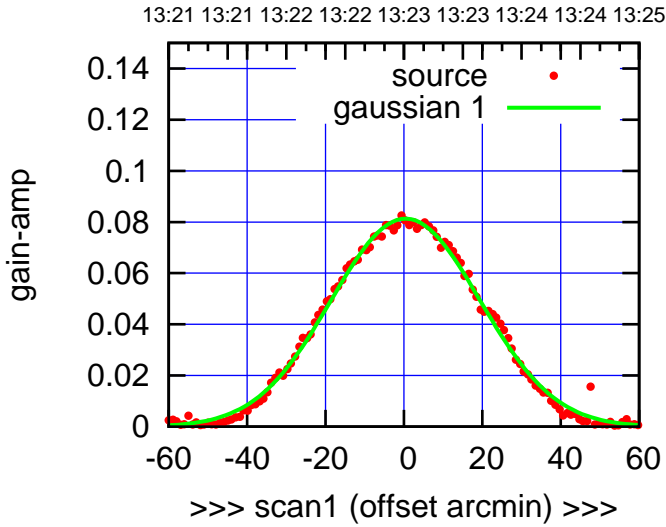
BACKLASH ERROR= 0.3'



(591 MHz.)

C04-130-EL OFF= 0.4' (44.8')

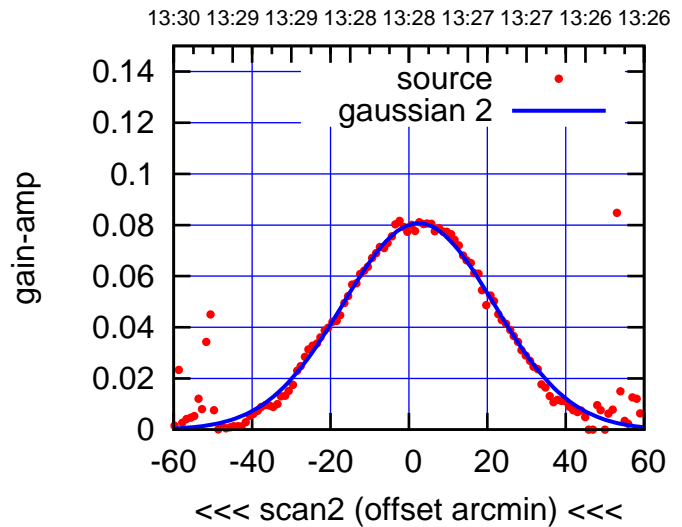
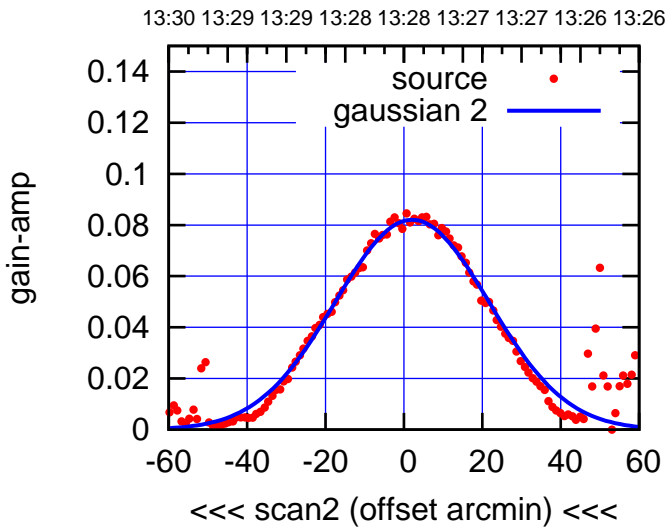
C04-175-EL OFF= 1.1' (44.8')



(+30'/m) 21Jul2017 13:23:00

C04-130-EL OFF= 2.1' (46.3')

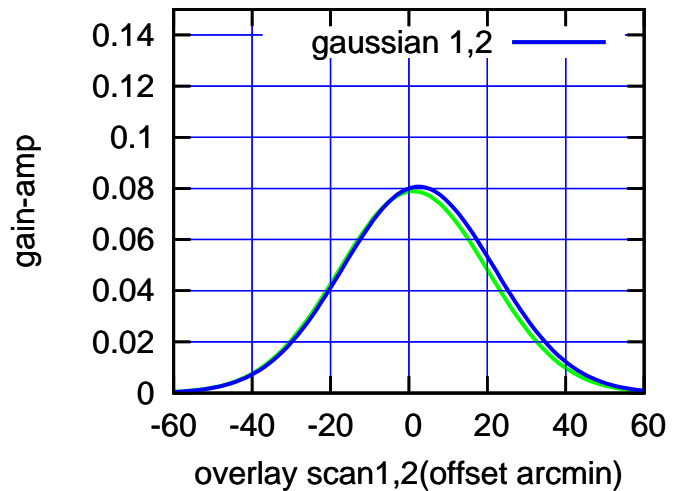
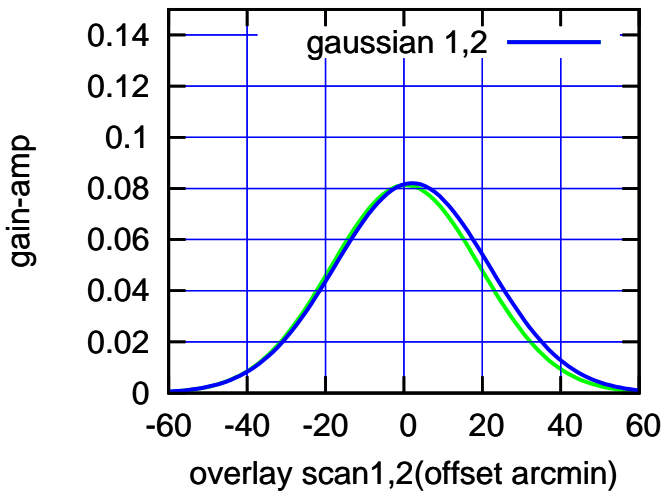
C04-175-EL OFF= 2.4' (45.5')



(-30'/m) 21Jul2017 13:28:00

BACKLASH ERROR= 1.7'

BACKLASH ERROR= 1.3'



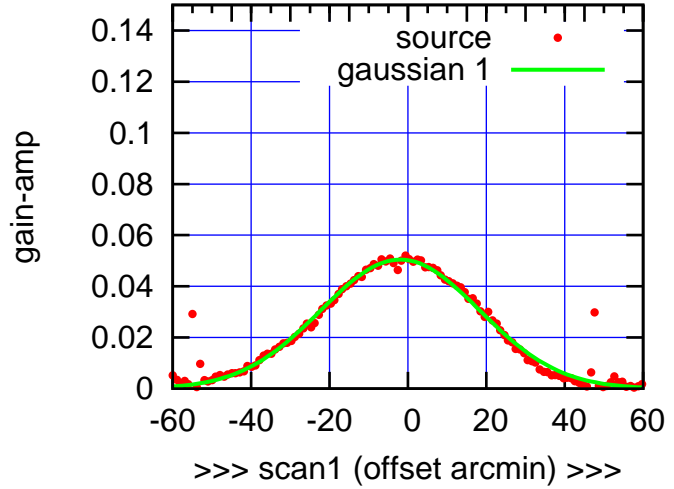
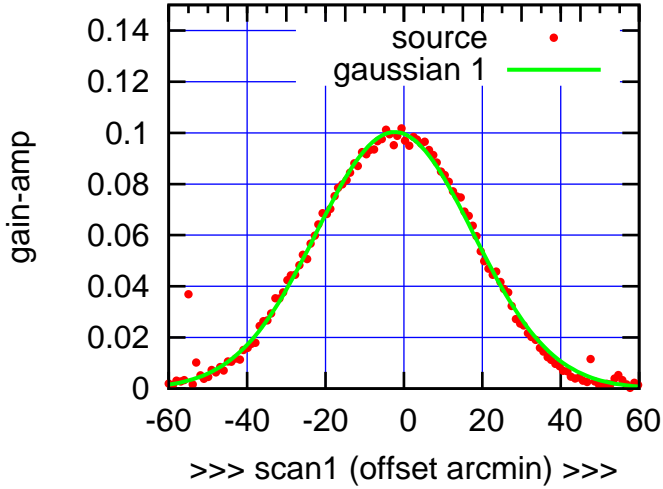
(591 MHz.)

C05-130-EL OFF= -2.4' (47.1')

C05-175-EL OFF= -2.0' (47.7')

13:21 13:21 13:22 13:22 13:23 13:23 13:24 13:24 13:25

13:21 13:21 13:22 13:22 13:23 13:23 13:24 13:24 13:25



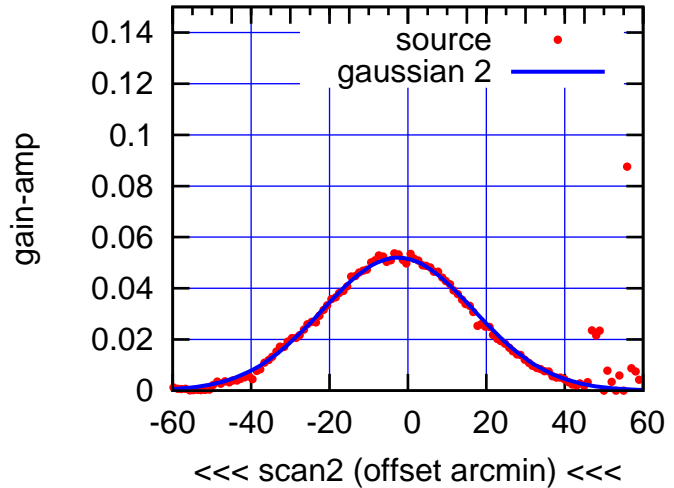
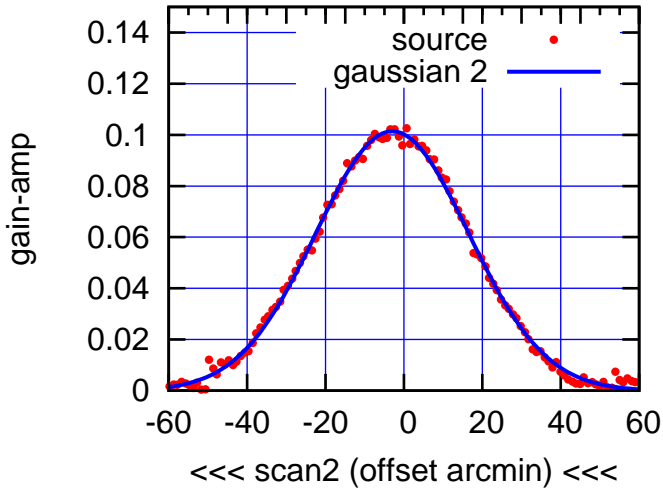
(+30'/m) 21Jul2017 13:23:00

C05-130-EL OFF= -3.0' (45.9')

C05-175-EL OFF= -2.5' (45.4')

13:30 13:29 13:29 13:28 13:28 13:27 13:27 13:26 13:26

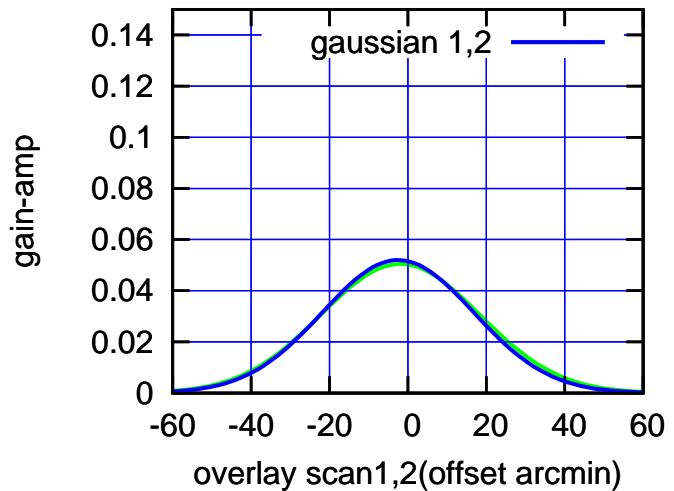
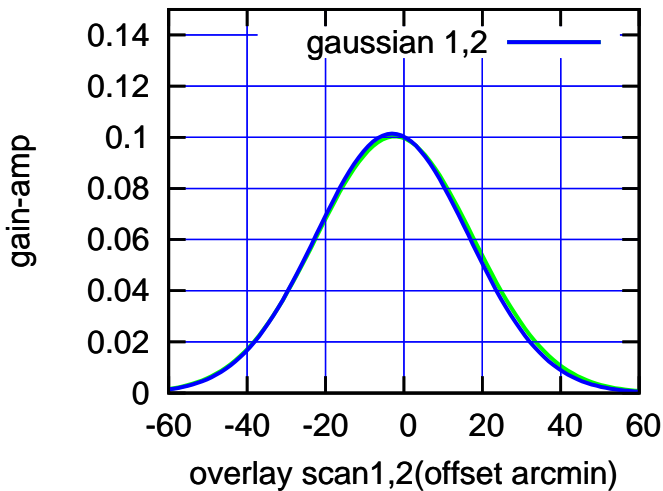
13:30 13:29 13:29 13:28 13:28 13:27 13:27 13:26 13:26



(-30'/m) 21Jul2017 13:28:00

BACKLASH ERROR= 0.6'

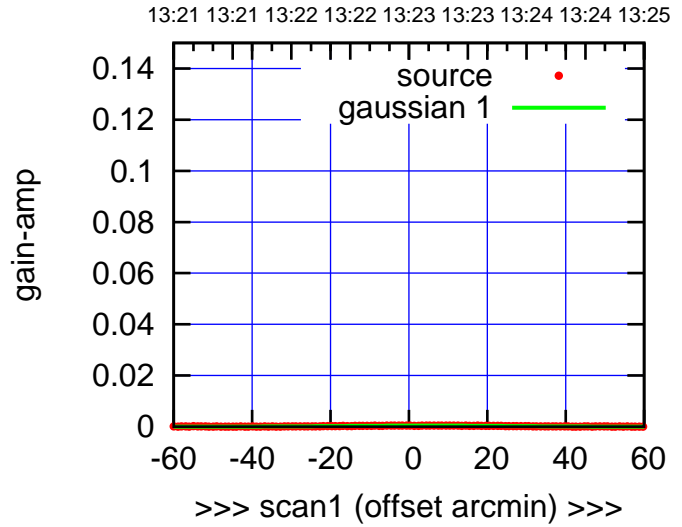
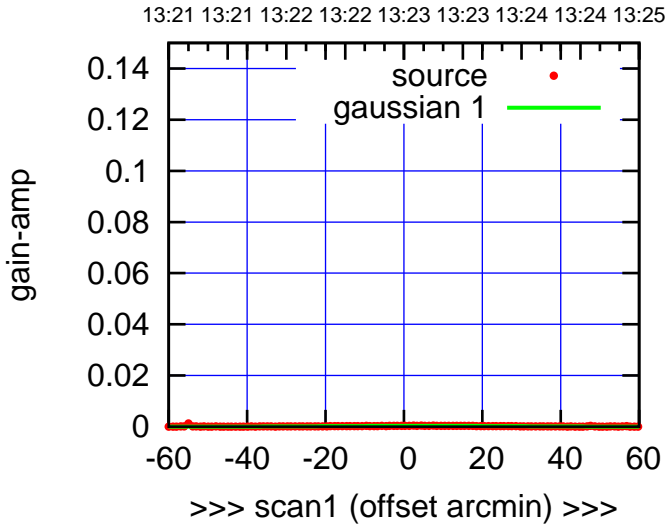
BACKLASH ERROR= 0.5'



(591 MHz.)

C06-130-EL OFF= 0.0' (51.0')

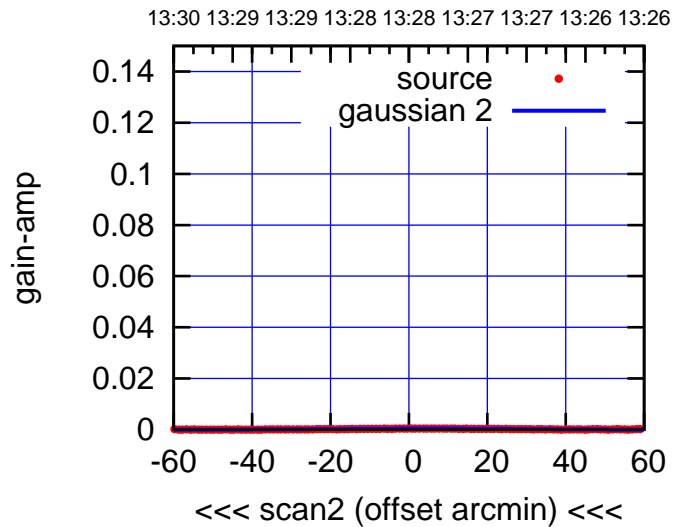
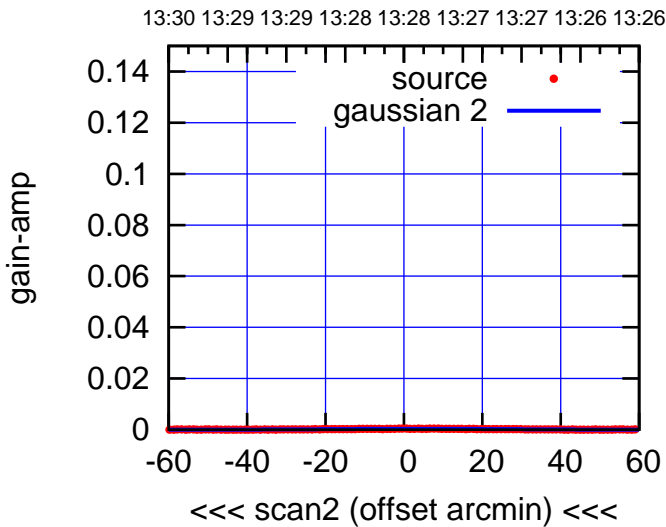
C06-175-EL OFF= 0.0' (48.4')



(+30'/m) 21Jul2017 13:23:00

C06-130-EL OFF= 0.0' (48.0')

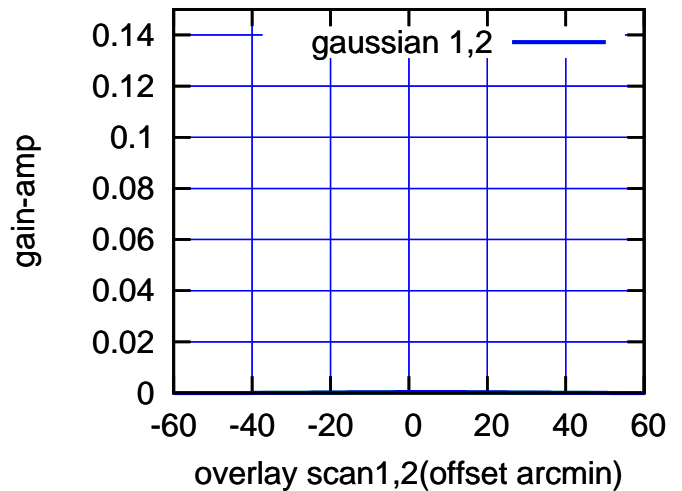
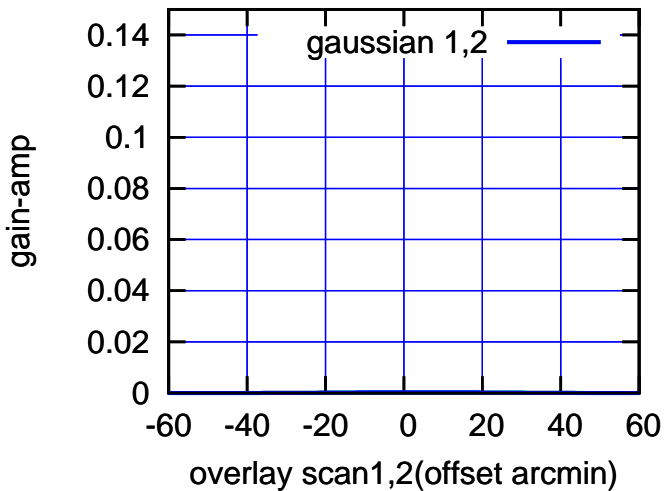
C06-175-EL OFF= 0.0' (53.3')



(-30'/m) 21Jul2017 13:28:00

BACKLASH ERROR= 0.0'

BACKLASH ERROR= 0.0'



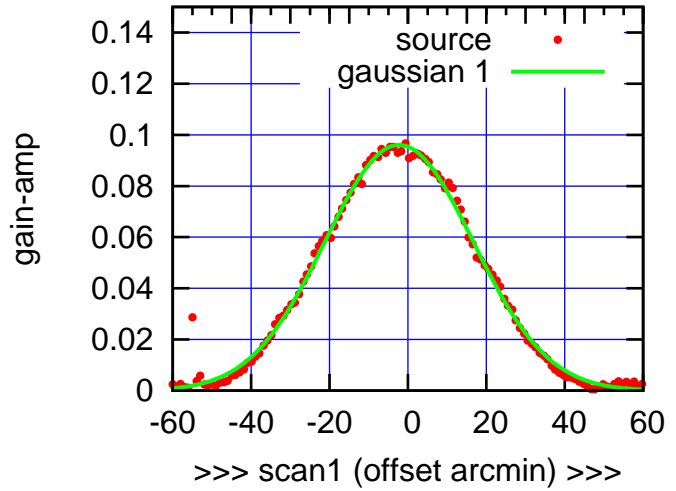
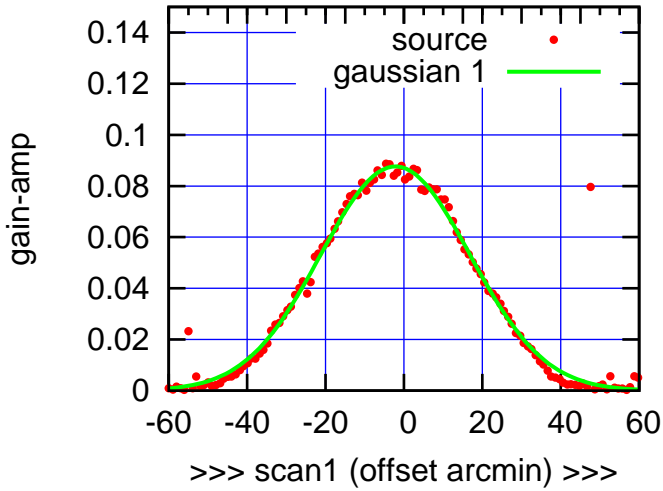
(591 MHz.)

C08-130-EL OFF= -2.2' (44.8')

C08-175-EL OFF= -2.3' (44.5')

13:21 13:21 13:22 13:22 13:23 13:23 13:24 13:24 13:25

13:21 13:21 13:22 13:22 13:23 13:23 13:24 13:24 13:25



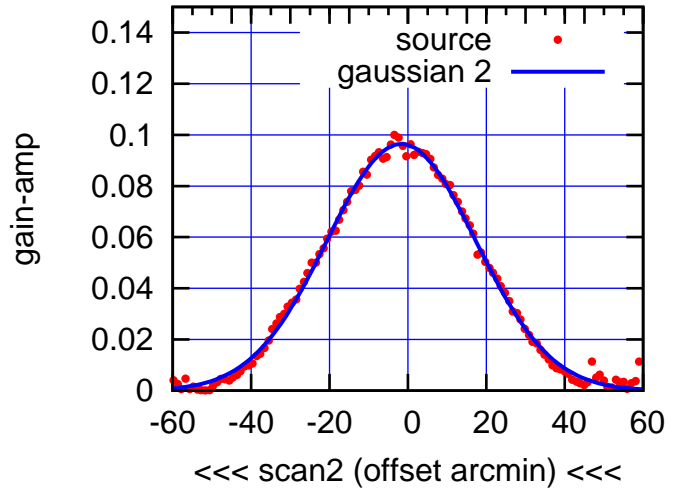
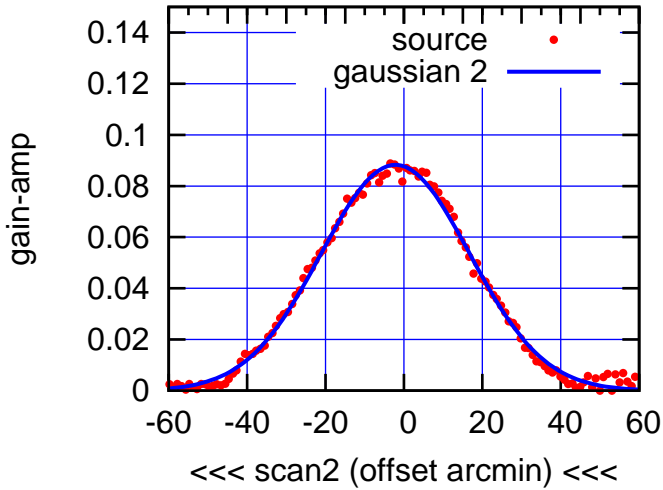
(+30'/m) 21Jul2017 13:23:00

C08-130-EL OFF= -2.2' (44.6')

C08-175-EL OFF= -1.7' (44.8')

13:30 13:29 13:29 13:28 13:28 13:27 13:27 13:26 13:26

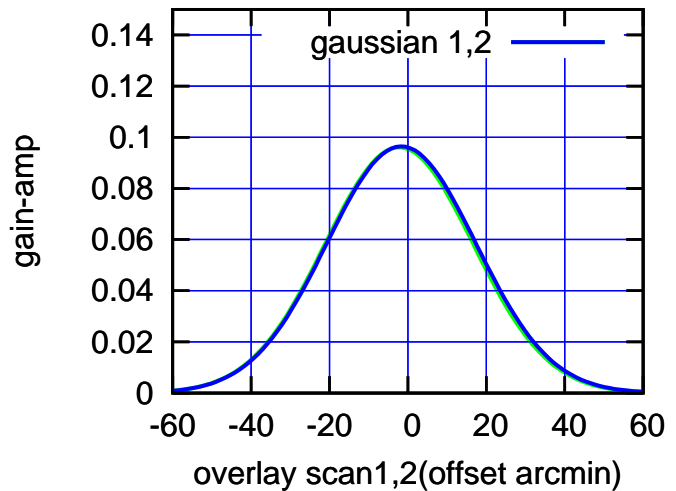
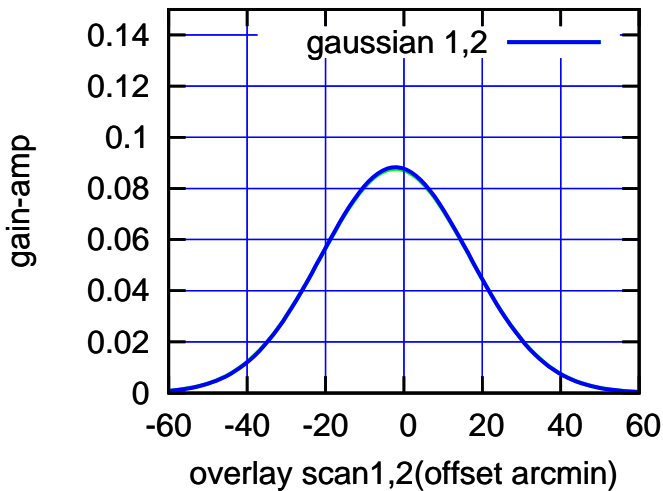
13:30 13:29 13:29 13:28 13:28 13:27 13:27 13:26 13:26



(-30'/m) 21Jul2017 13:28:00

BACKLASH ERROR= 0.0'

BACKLASH ERROR= 0.6'



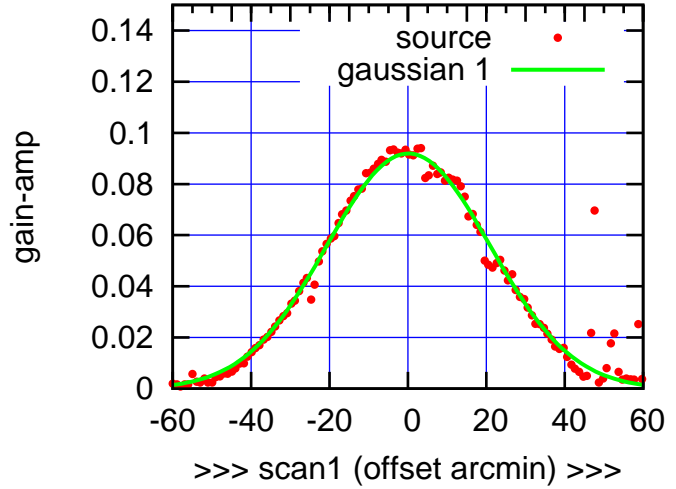
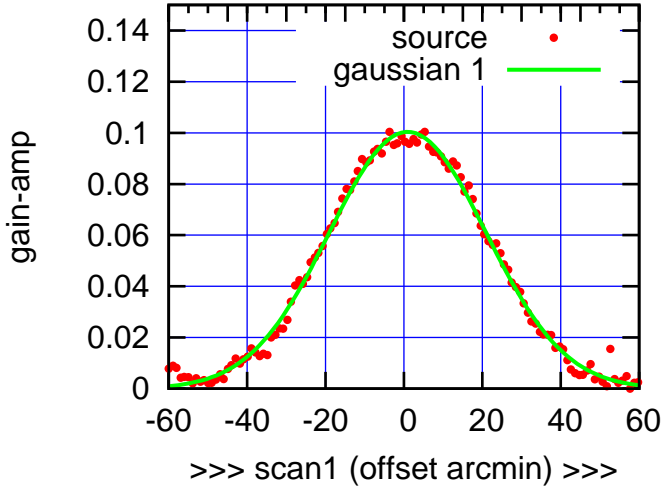
(591 MHz.)

C09-130-EL OFF= 1.0' (47.2')

C09-175-EL OFF= 0.1' (49.2')

13:21 13:21 13:22 13:22 13:23 13:23 13:24 13:24 13:25

13:21 13:21 13:22 13:22 13:23 13:23 13:24 13:24 13:25



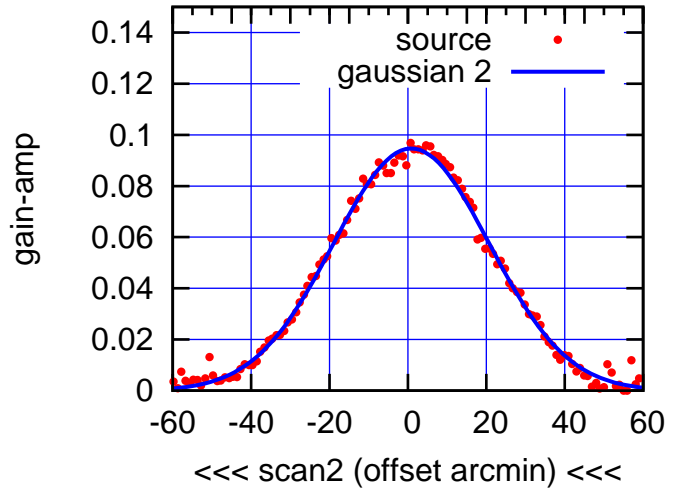
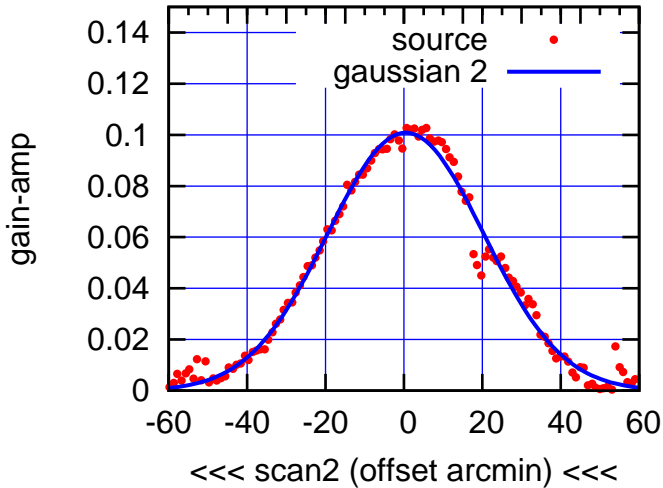
(+30'/m) 21Jul2017 13:23:00

C09-130-EL OFF= 0.4' (47.0')

C09-175-EL OFF= 0.9' (46.9')

13:30 13:29 13:29 13:28 13:28 13:27 13:27 13:26 13:26

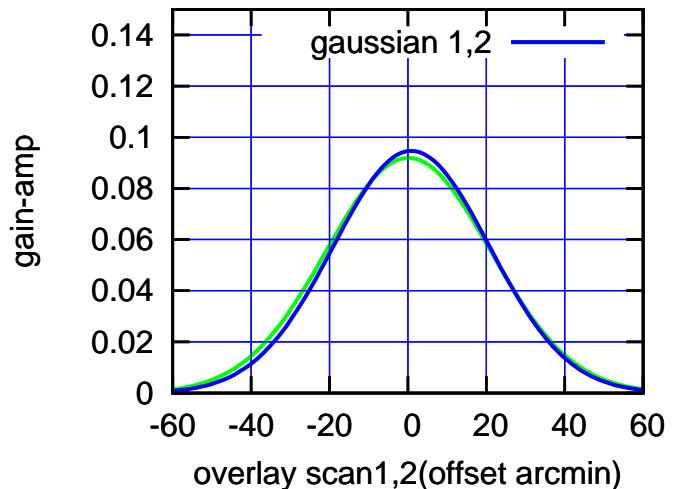
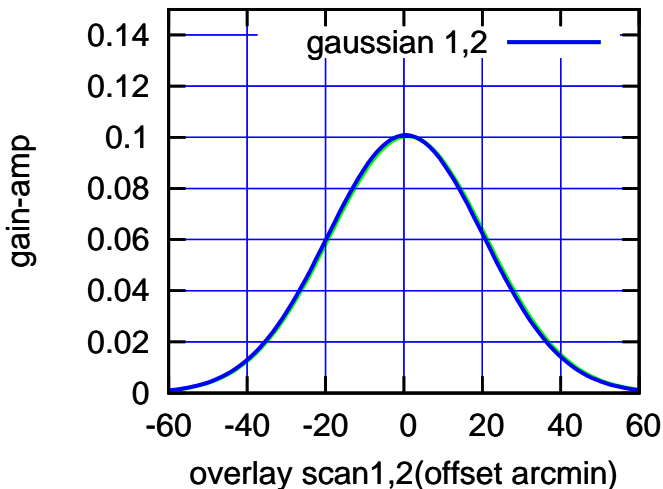
13:30 13:29 13:29 13:28 13:28 13:27 13:27 13:26 13:26



(-30'/m) 21Jul2017 13:28:00

BACKLASH ERROR= 0.6'

BACKLASH ERROR= 0.8'



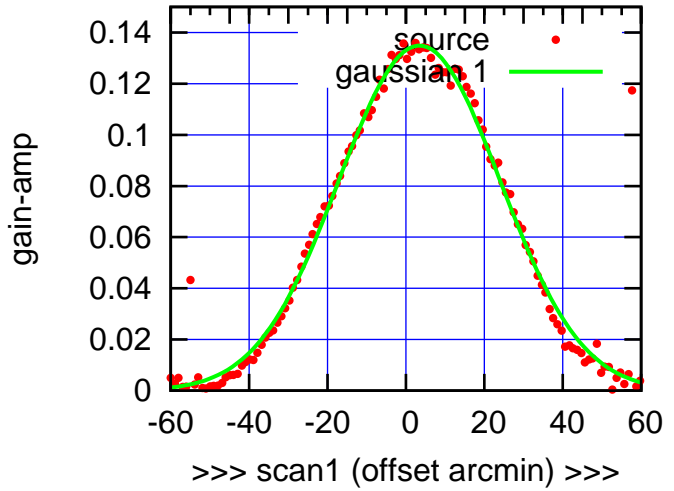
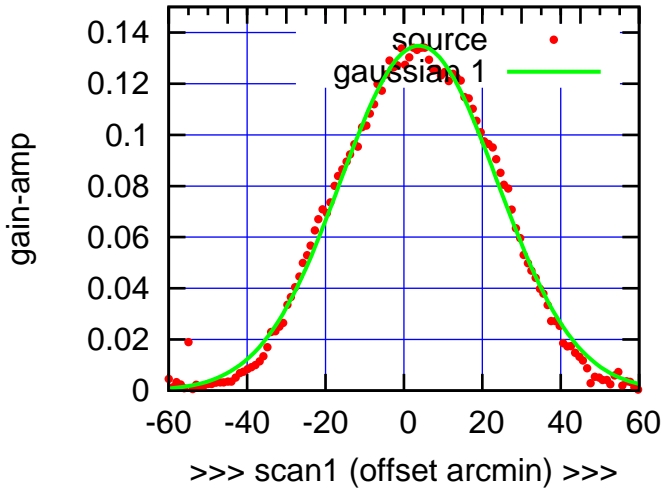
(591 MHz.)

C10-130-EL OFF= 3.8' (47.1')

C10-175-EL OFF= 3.5' (48.6')

13:21 13:21 13:22 13:22 13:23 13:23 13:24 13:24 13:25

13:21 13:21 13:22 13:22 13:23 13:23 13:24 13:24 13:25



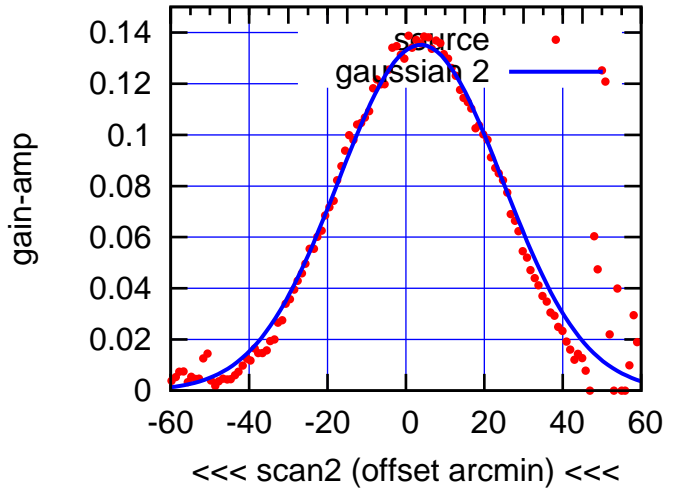
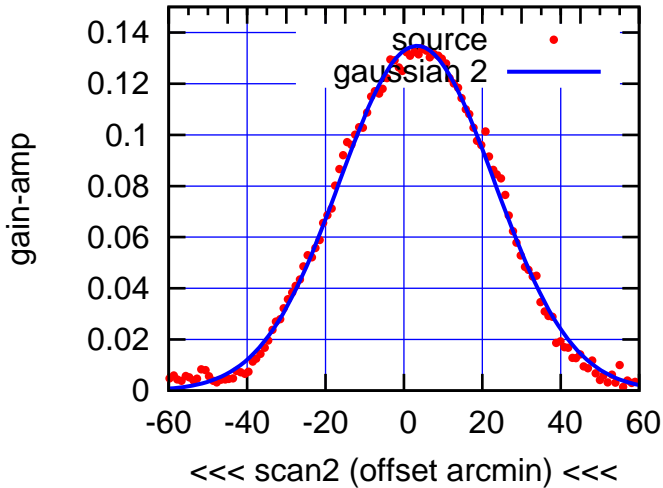
(+30'/m) 21Jul2017 13:23:00

C10-130-EL OFF= 3.3' (46.5')

C10-175-EL OFF= 3.8' (49.4')

13:30 13:29 13:29 13:28 13:28 13:27 13:27 13:26 13:26

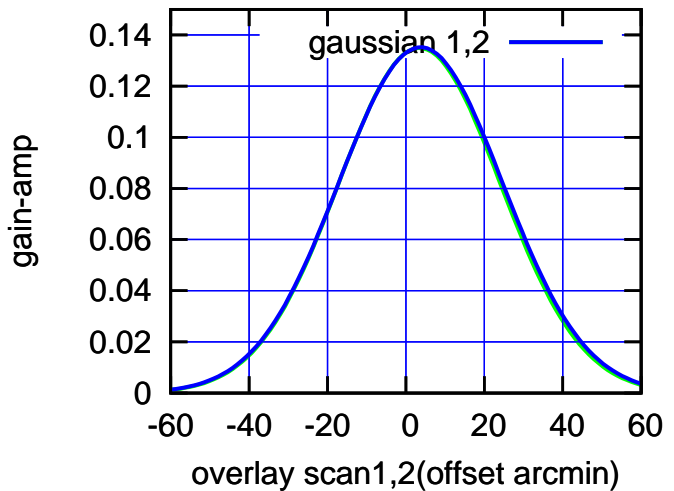
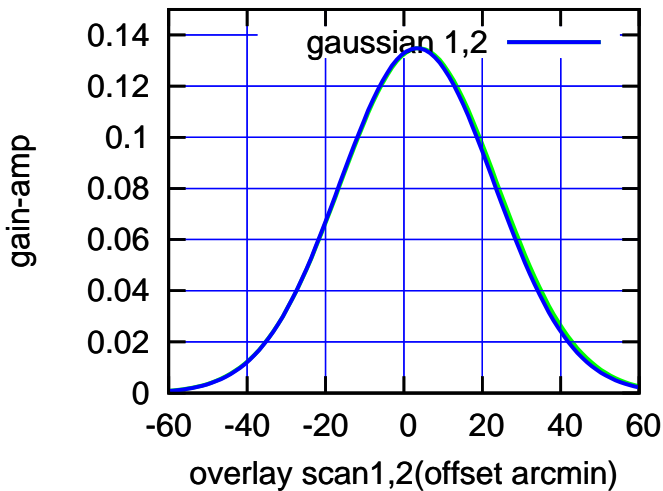
13:30 13:29 13:29 13:28 13:28 13:27 13:27 13:26 13:26



(-30'/m) 21Jul2017 13:28:00

BACKLASH ERROR= 0.5'

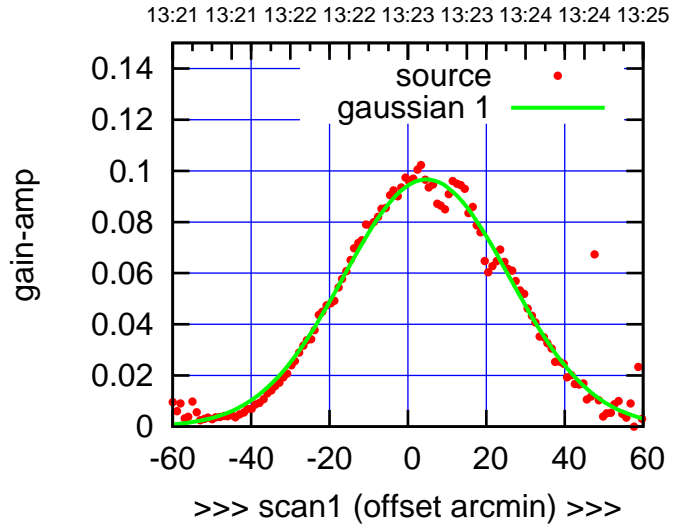
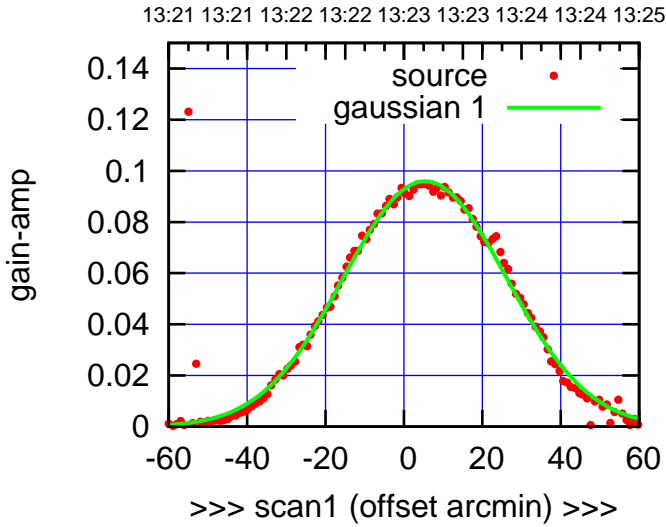
BACKLASH ERROR= 0.3'



(591 MHz.)

C11-130-EL OFF= 5.4' (49.1')

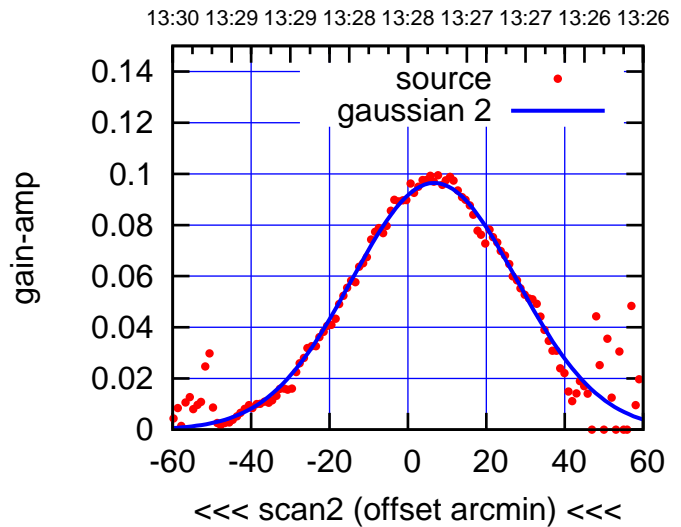
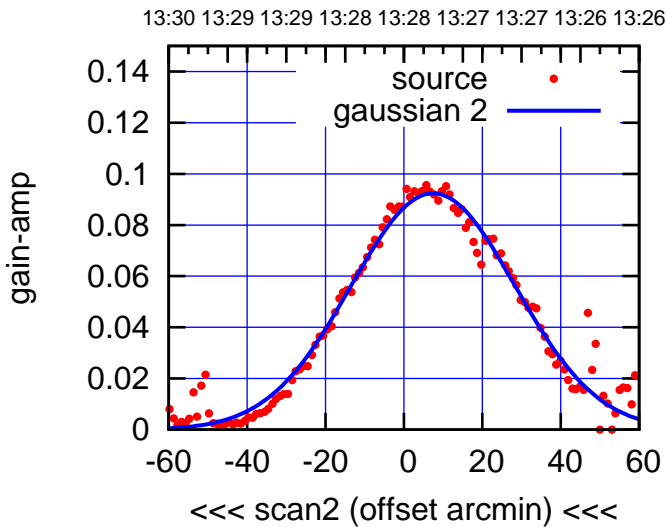
C11-175-EL OFF= 4.7' (49.8')



(+30'/m) 21Jul2017 13:23:00

C11-130-EL OFF= 7.4' (49.4')

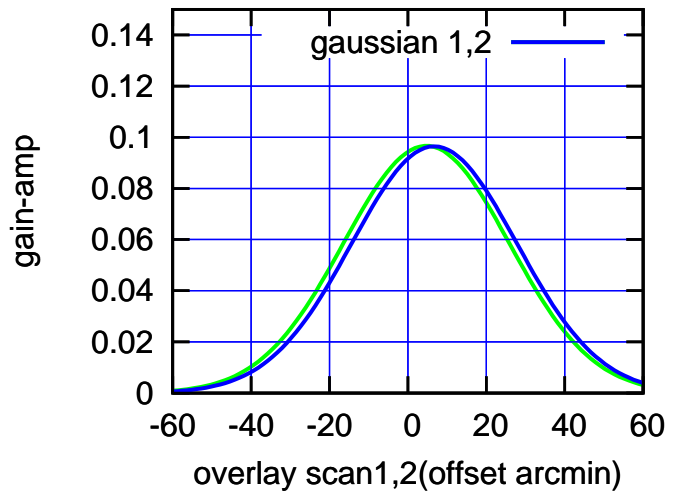
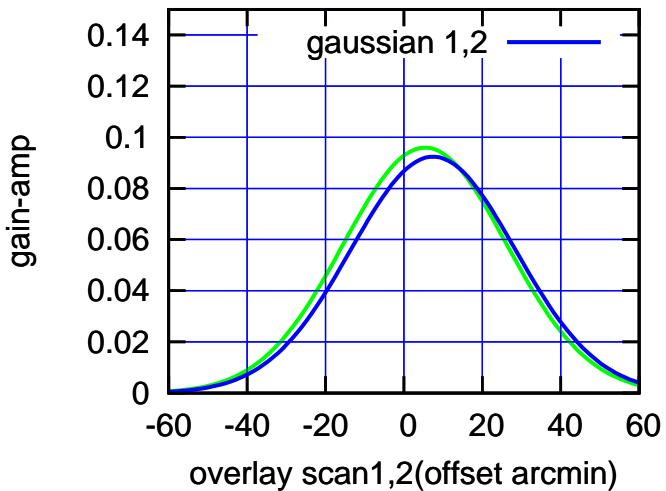
C11-175-EL OFF= 6.7' (49.6')



(-30'/m) 21Jul2017 13:28:00

BACKLASH ERROR= 2.0'

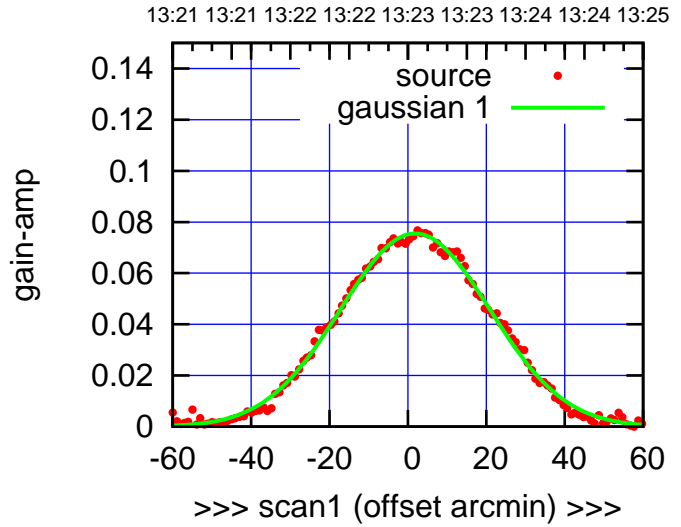
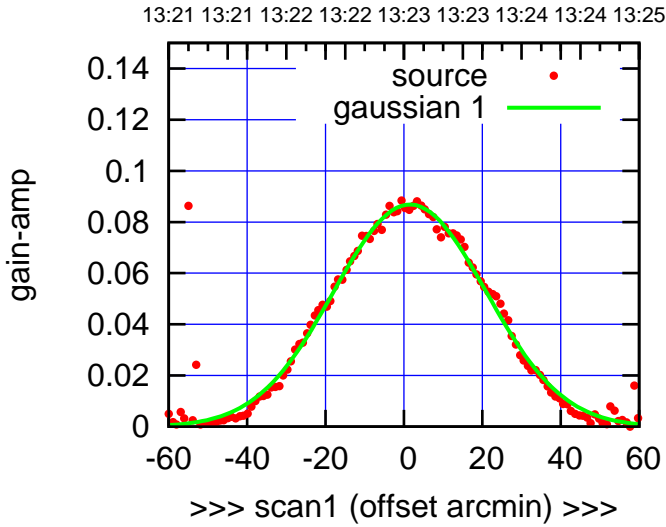
BACKLASH ERROR= 2.0'



(591 MHz.)

C12-130-EL OFF= 1.5' (45.9')

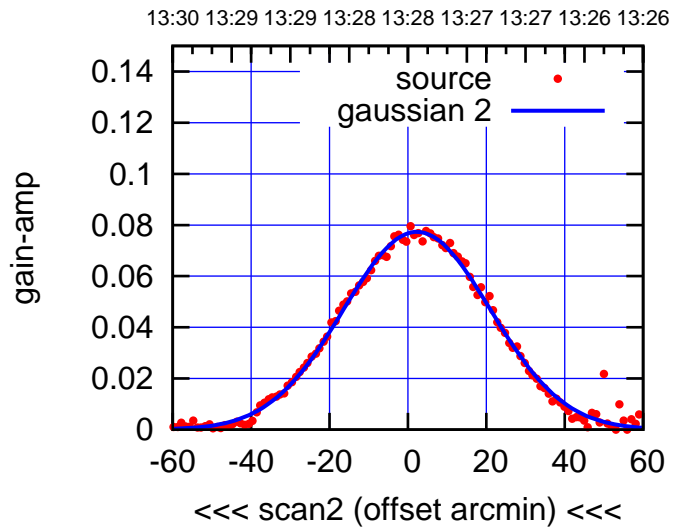
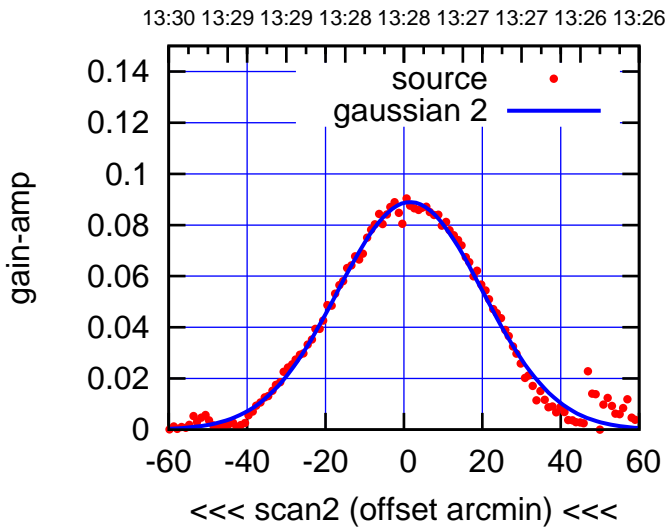
C12-175-EL OFF= 1.8' (44.9')



(+30'/m) 21Jul2017 13:23:00

C12-130-EL OFF= 1.6' (43.7')

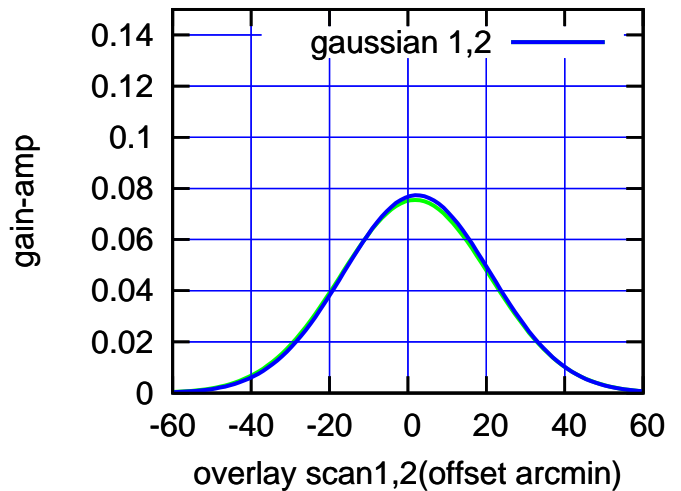
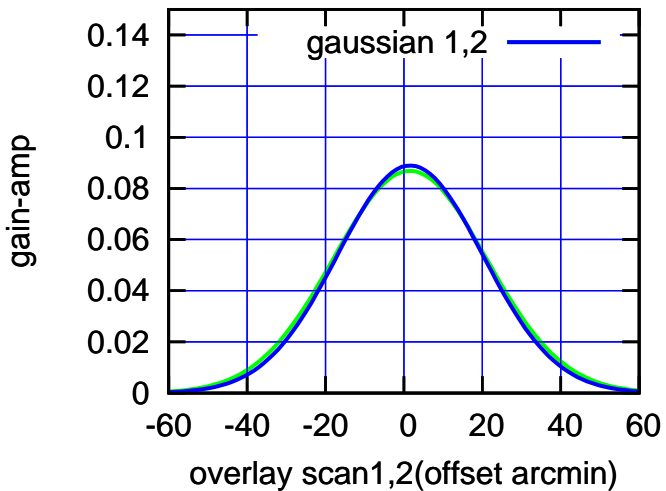
C12-175-EL OFF= 2.3' (44.1')



(-30'/m) 21Jul2017 13:28:00

BACKLASH ERROR= 0.1'

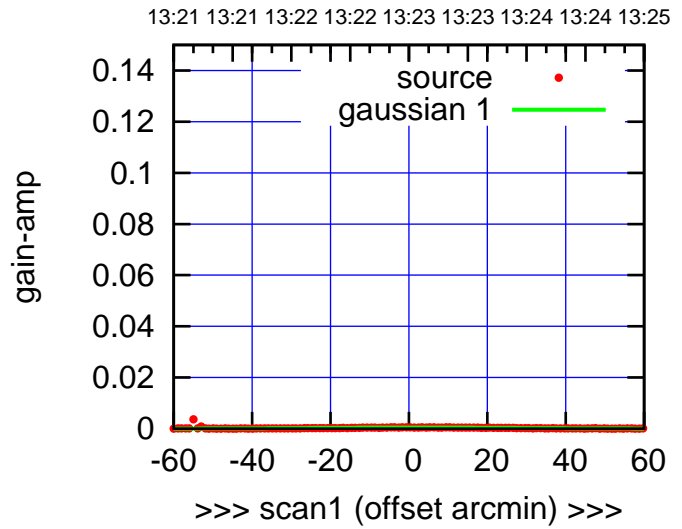
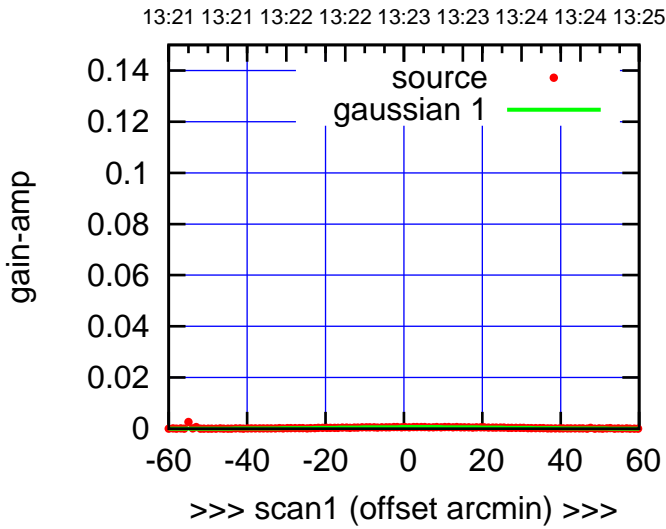
BACKLASH ERROR= 0.5'



(591 MHz.)

C13-130-EL OFF= 0.0' (51.6')

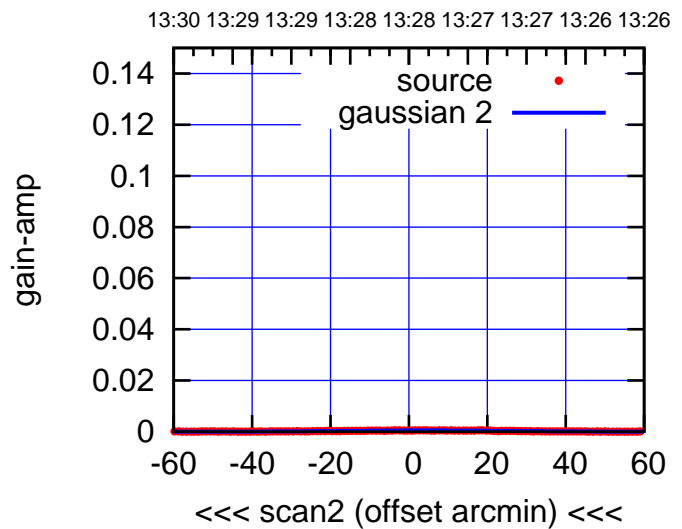
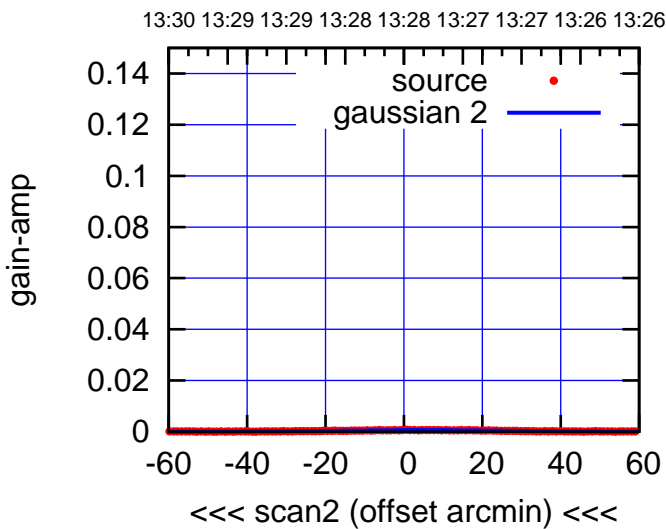
C13-175-EL OFF= 0.0' (63.8')



(+30'/m) 21Jul2017 13:23:00

C13-130-EL OFF= 0.0' (48.2')

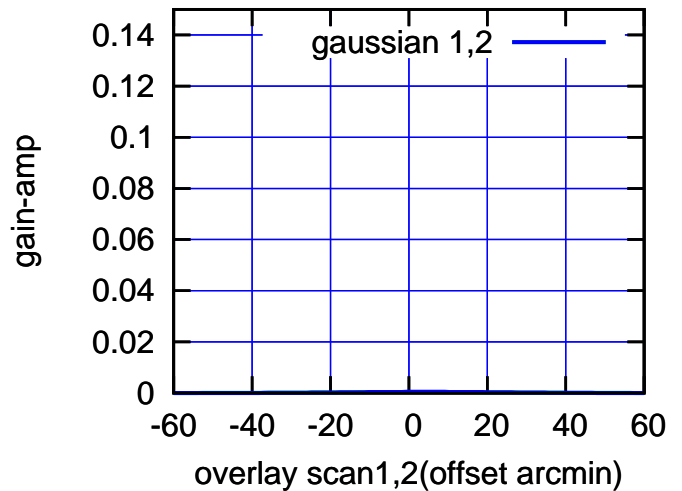
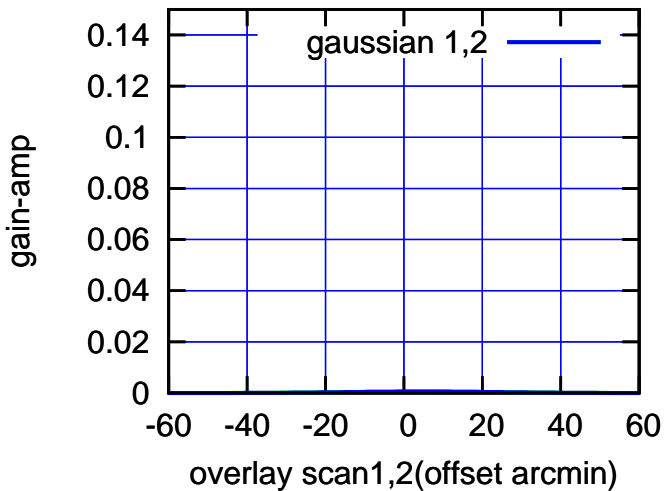
C13-175-EL OFF= 0.0' (47.1')



(-30'/m) 21Jul2017 13:28:00

BACKLASH ERROR= 0.0'

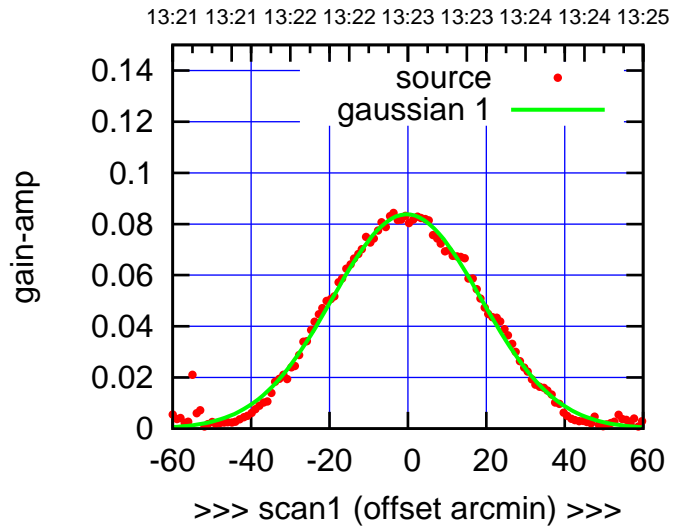
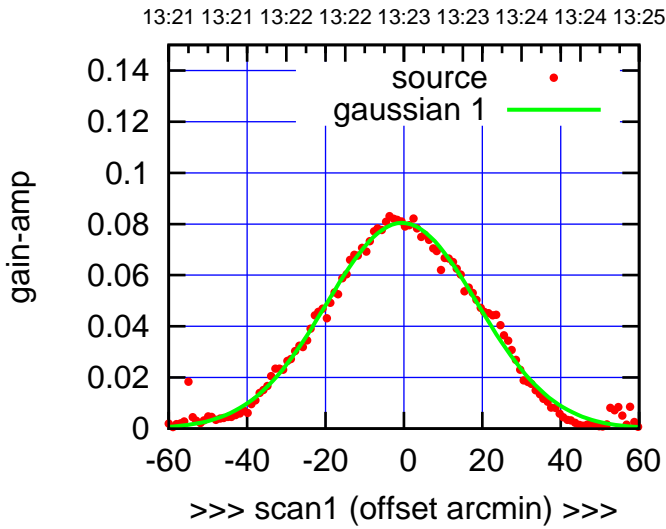
BACKLASH ERROR= 0.0'



(591 MHz.)

C14-130-EL OFF= -0.5' (45.4')

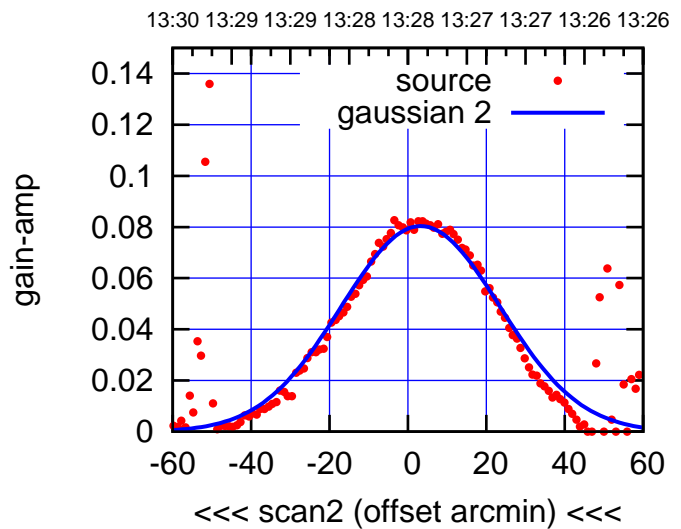
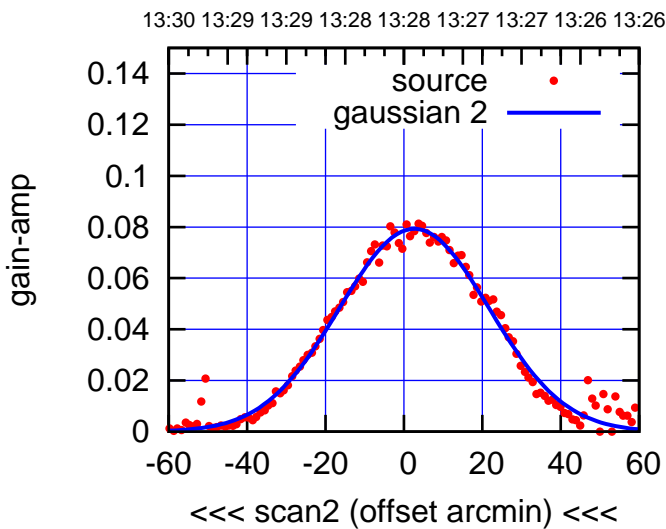
C14-175-EL OFF= -0.3' (44.7')



(+30'/m) 21Jul2017 13:23:00

C14-130-EL OFF= 2.6' (45.1')

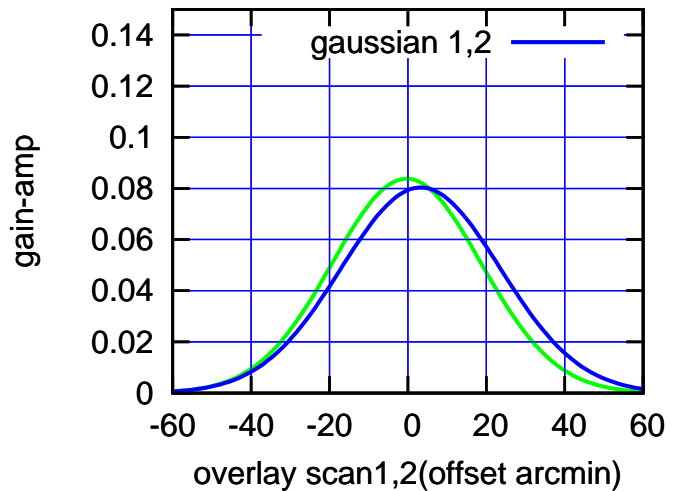
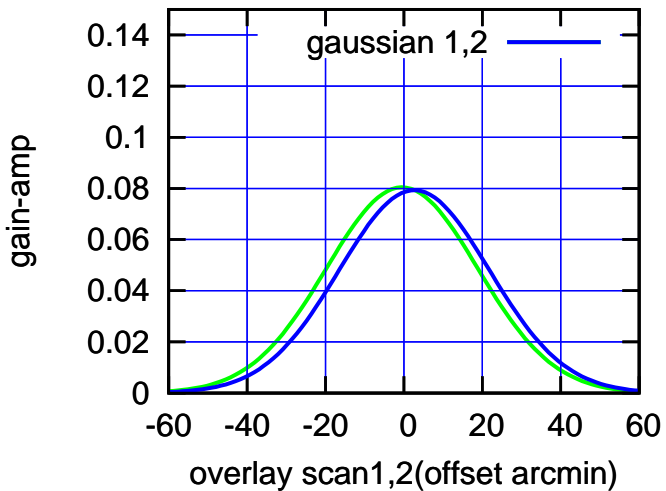
C14-175-EL OFF= 3.2' (47.8')



(-30'/m) 21Jul2017 13:28:00

BACKLASH ERROR= 3.1'

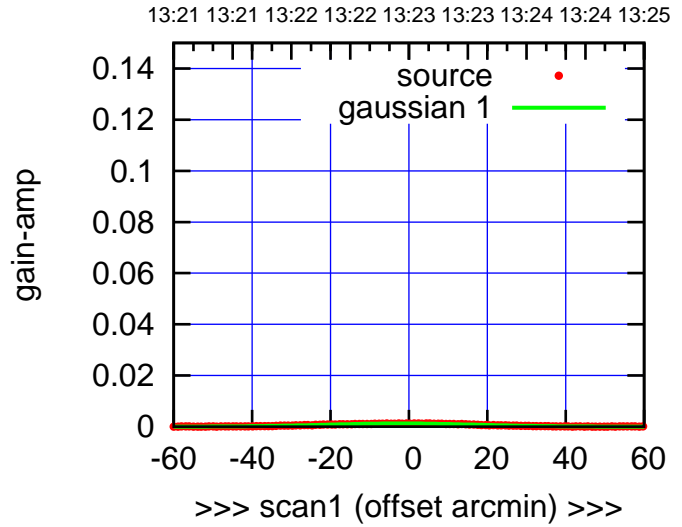
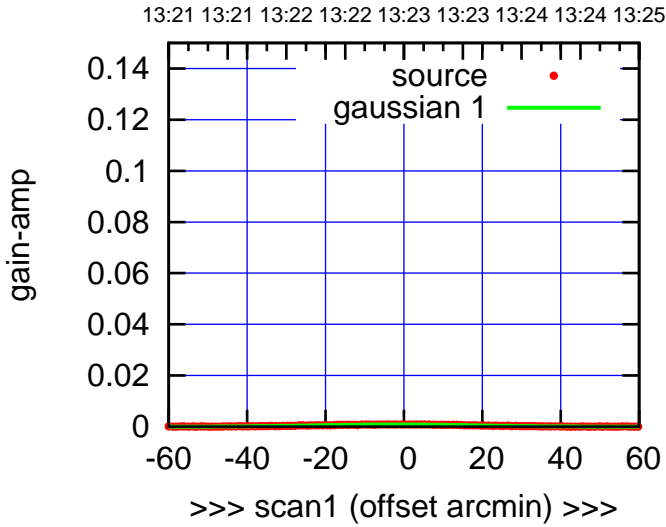
BACKLASH ERROR= 3.5'



(591 MHz.)

E02-130-EL OFF= 0.0' (46.4')

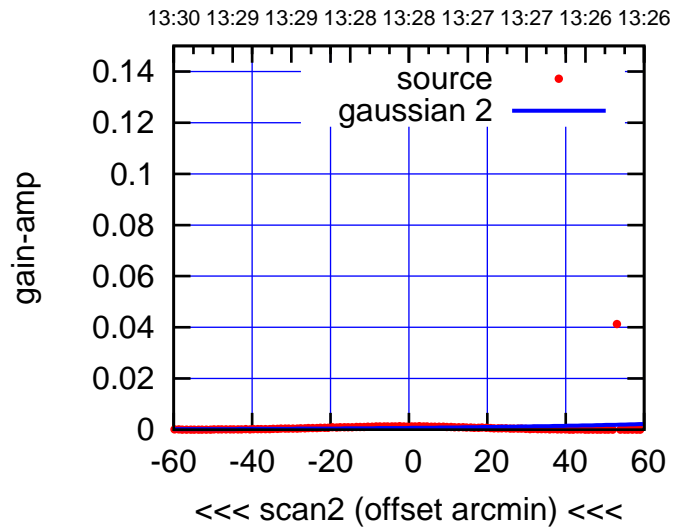
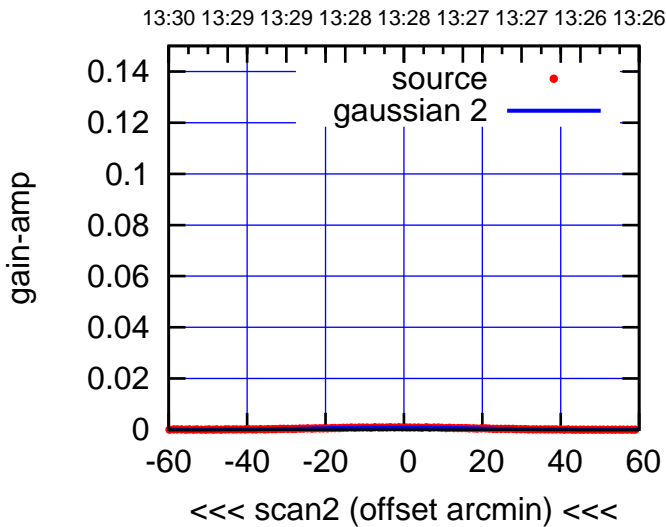
E02-175-EL OFF= 0.0' (45.5')



(+30'/m) 21Jul2017 13:23:00

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

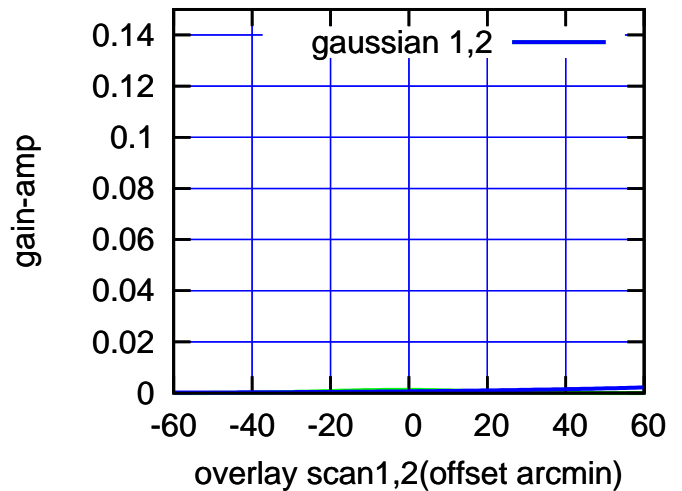
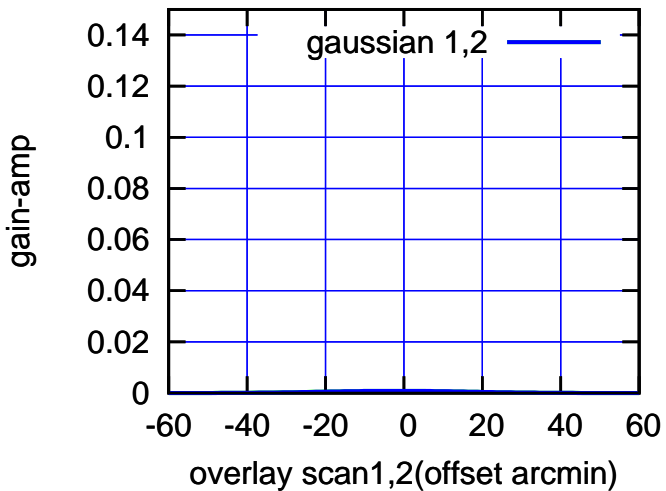
E02-175-EL OFF= 0.0' (0.0')



(-30'/m) 21Jul2017 13:28:00

BACKLASH ERROR= 0.0'

BACKLASH ERROR= 0.0'



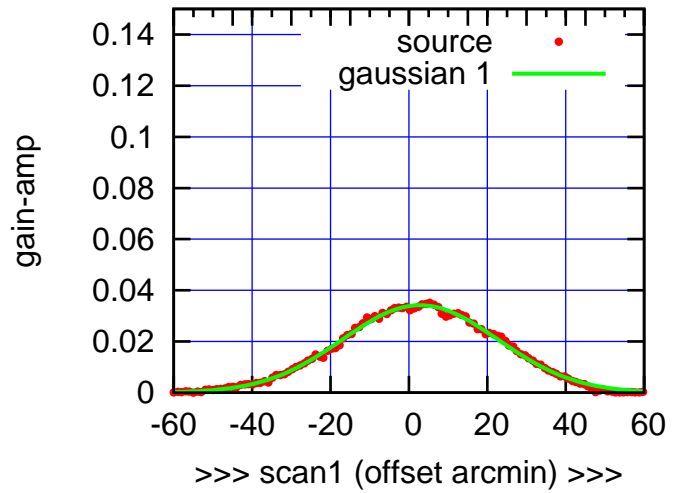
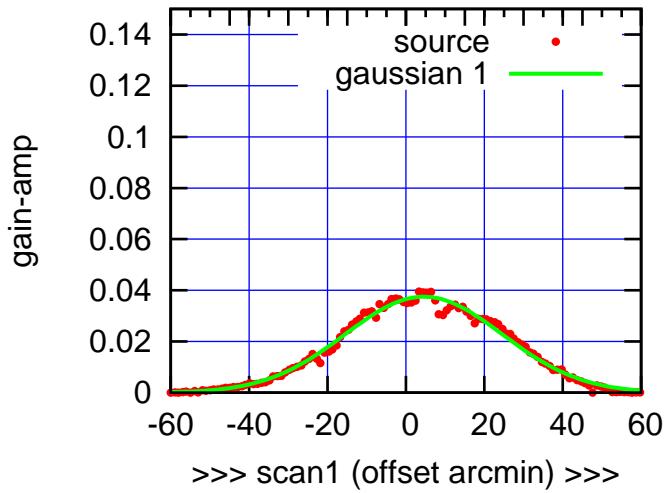
(591 MHz.)

E03-130-EL OFF= 4.5' (47.3')

E03-175-EL OFF= 2.9' (46.7')

13:21 13:21 13:22 13:22 13:23 13:23 13:24 13:24 13:25

13:21 13:21 13:22 13:22 13:23 13:23 13:24 13:24 13:25



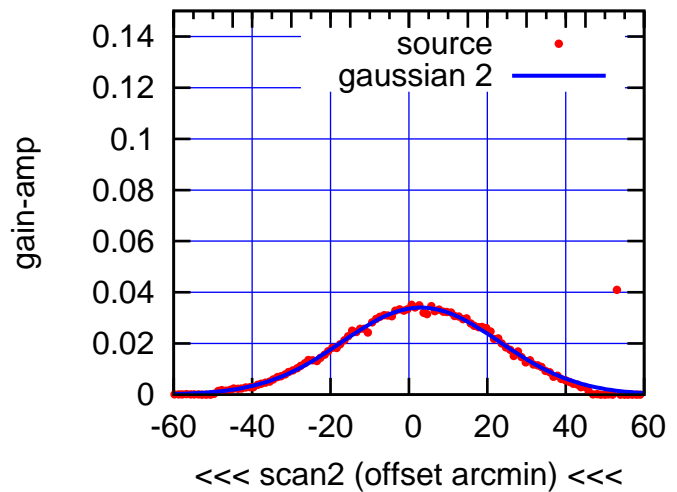
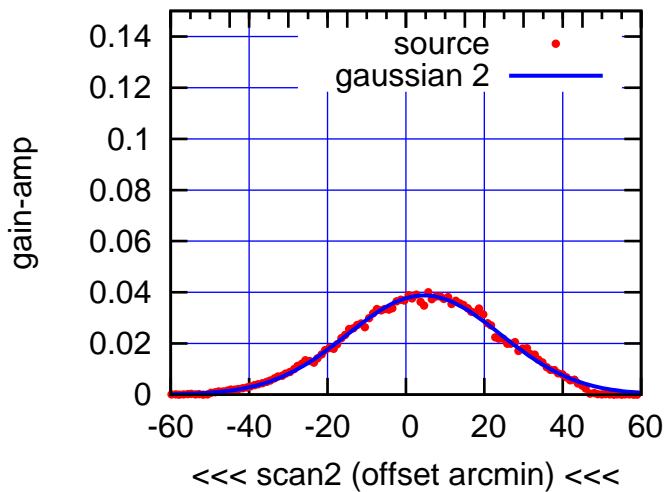
(+30'/m) 21Jul2017 13:23:00

E03-130-EL OFF= 4.6' (46.1')

E03-175-EL OFF= 3.0' (47.3')

13:30 13:29 13:29 13:28 13:28 13:27 13:27 13:26 13:26

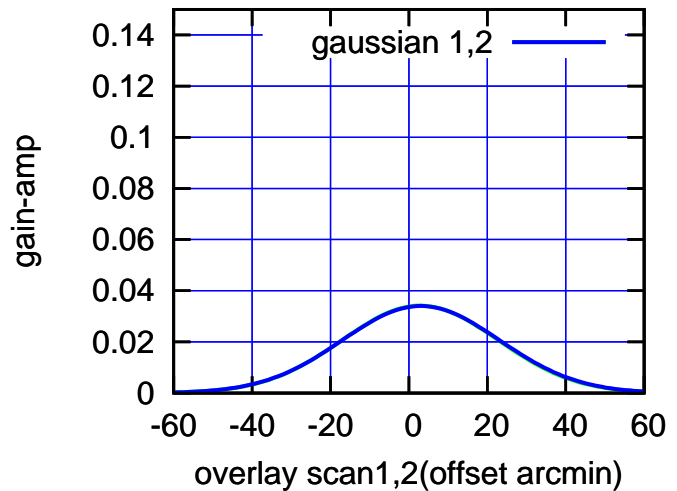
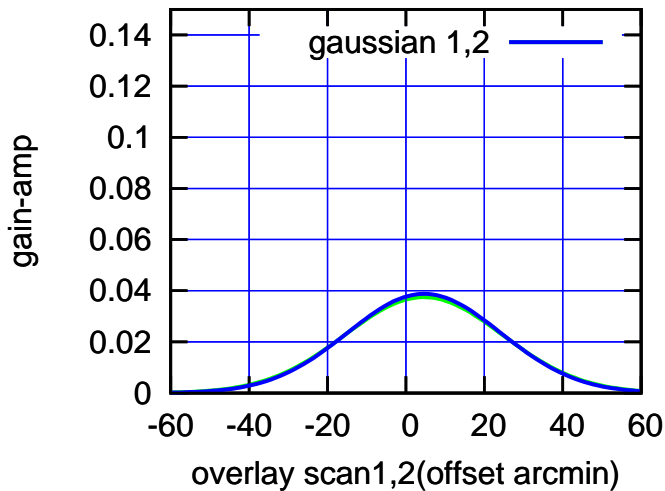
13:30 13:29 13:29 13:28 13:28 13:27 13:27 13:26 13:26



(-30'/m) 21Jul2017 13:28:00

BACKLASH ERROR= 0.1'

BACKLASH ERROR= 0.1'



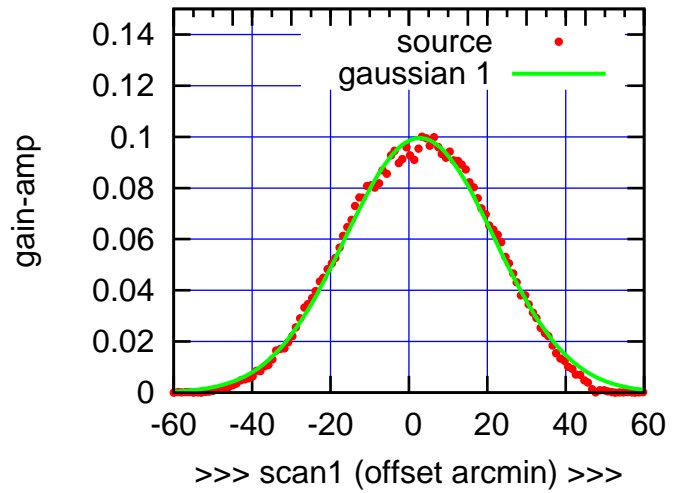
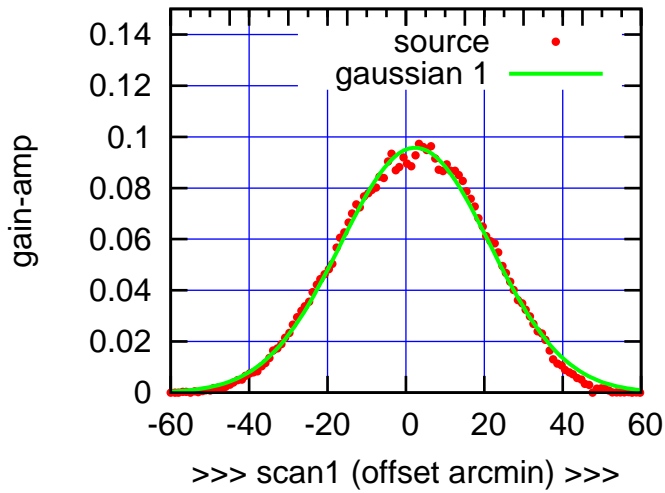
(591 MHz.)

E04-130-EL OFF= 2.4' (44.8')

E04-175-EL OFF= 2.8' (44.8')

13:21 13:21 13:22 13:22 13:23 13:23 13:24 13:24 13:25

13:21 13:21 13:22 13:22 13:23 13:23 13:24 13:24 13:25



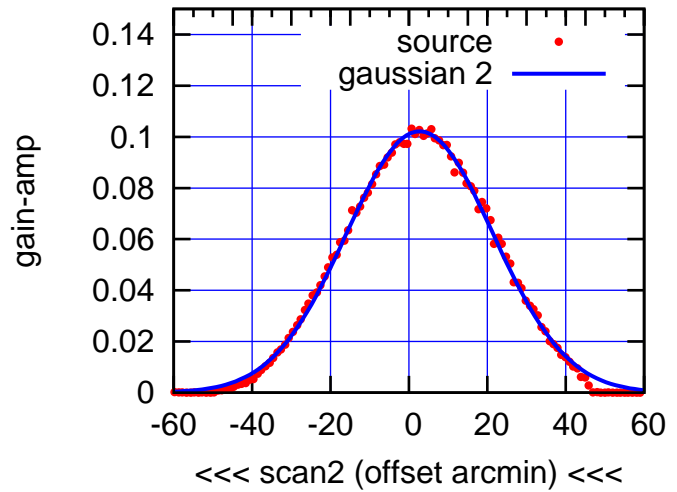
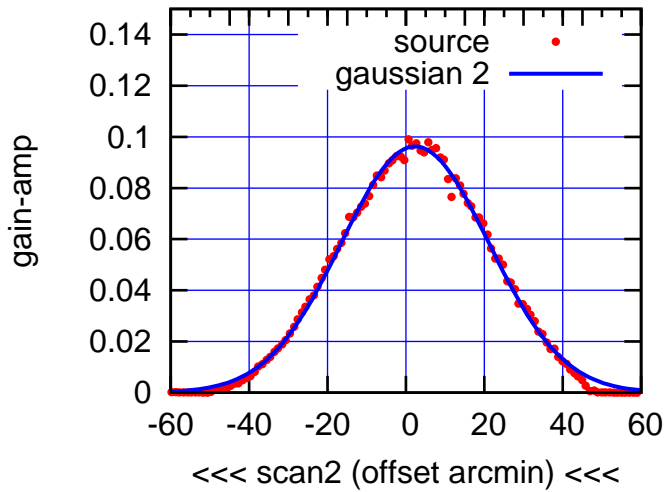
(+30'/m) 21Jul2017 13:23:00

E04-130-EL OFF= 2.3' (44.4')

E04-175-EL OFF= 2.8' (44.1')

13:30 13:29 13:29 13:28 13:28 13:27 13:27 13:26 13:26

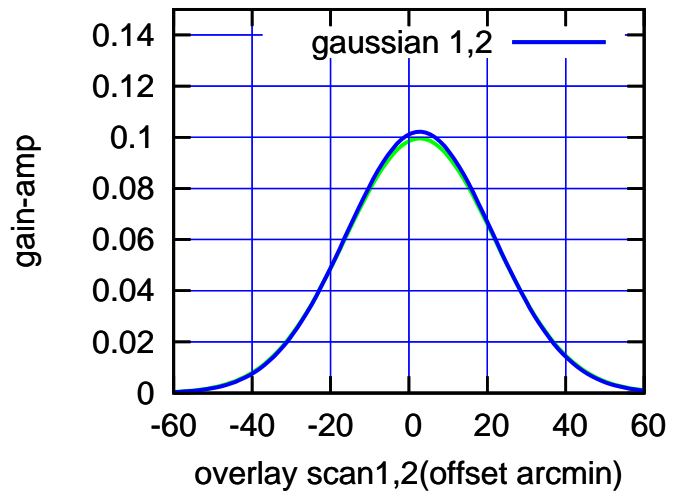
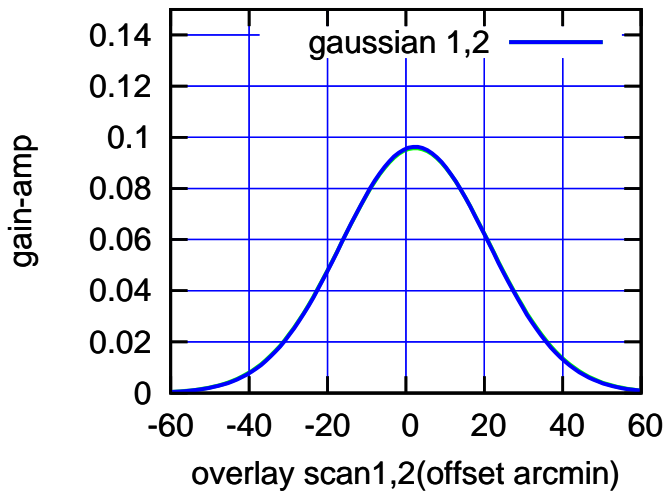
13:30 13:29 13:29 13:28 13:28 13:27 13:27 13:26 13:26



(-30'/m) 21Jul2017 13:28:00

BACKLASH ERROR= 0.1'

BACKLASH ERROR= 0.0'



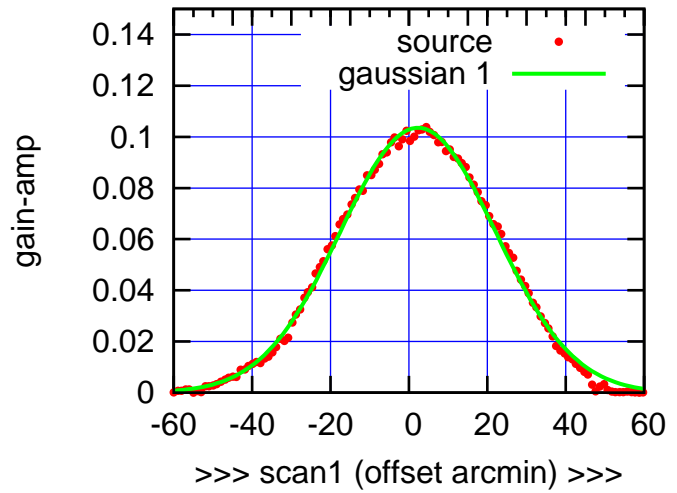
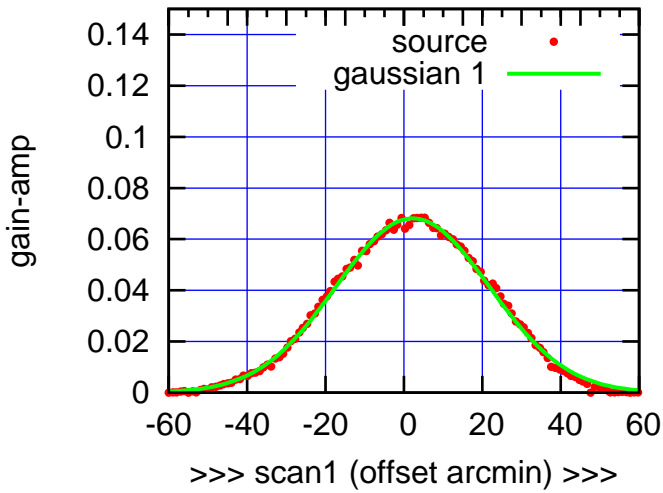
(591 MHz.)

E05-130-EL OFF= 2.2' (46.2')

E05-175-EL OFF= 2.3' (46.7')

13:21 13:21 13:22 13:22 13:23 13:23 13:24 13:24 13:25

13:21 13:21 13:22 13:22 13:23 13:23 13:24 13:24 13:25



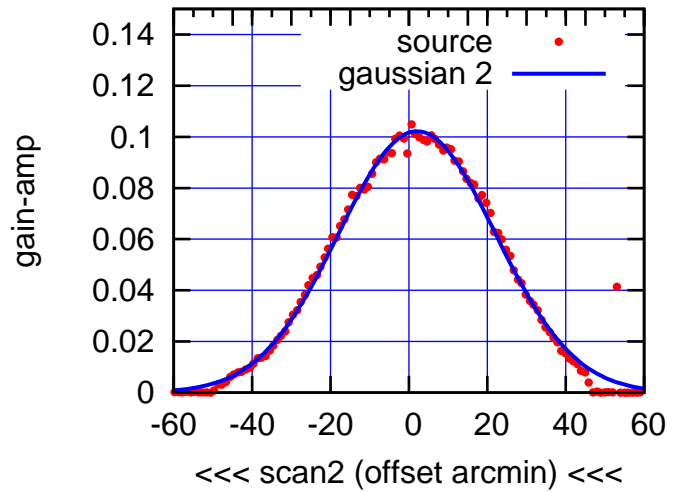
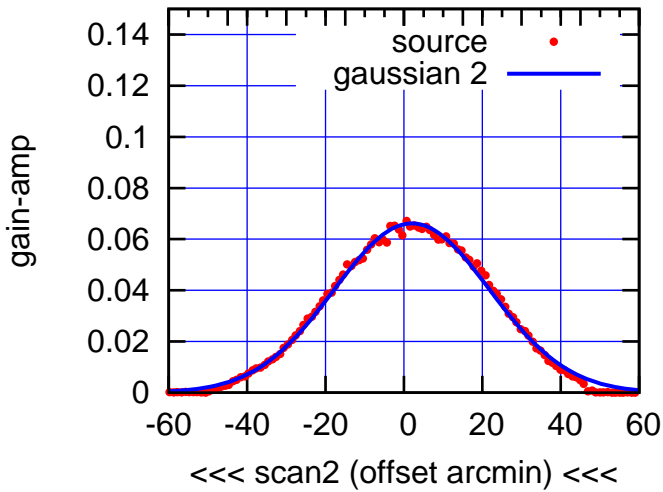
(+30'/m) 21Jul2017 13:23:00

E05-130-EL OFF= 2.0' (46.8')

E05-175-EL OFF= 2.1' (47.2')

13:30 13:29 13:29 13:28 13:28 13:27 13:27 13:26 13:26

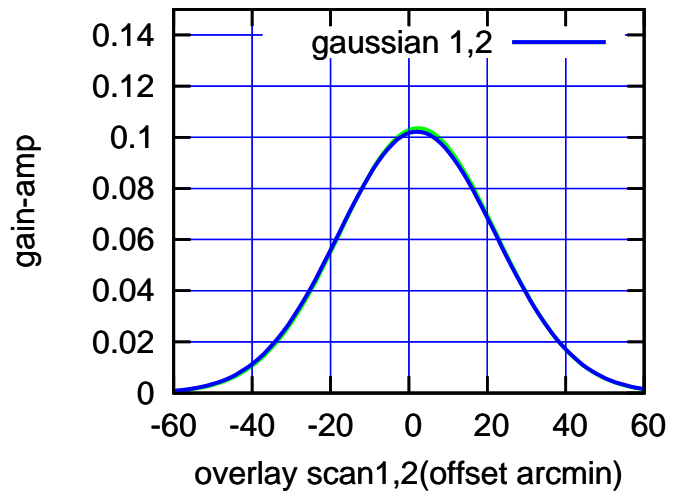
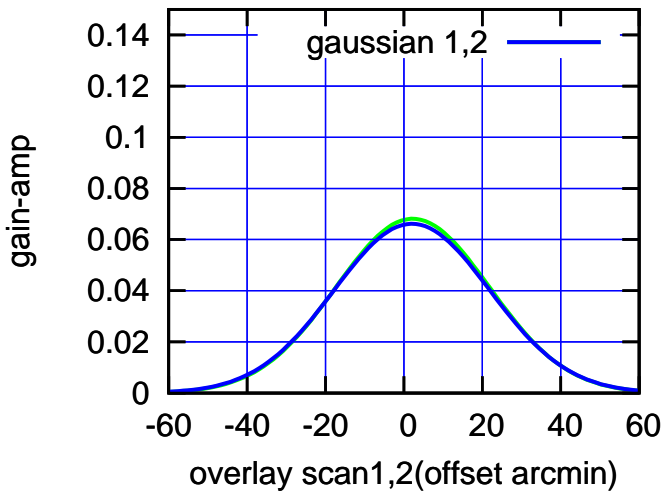
13:30 13:29 13:29 13:28 13:28 13:27 13:27 13:26 13:26



(-30'/m) 21Jul2017 13:28:00

BACKLASH ERROR= 0.2'

BACKLASH ERROR= 0.2'



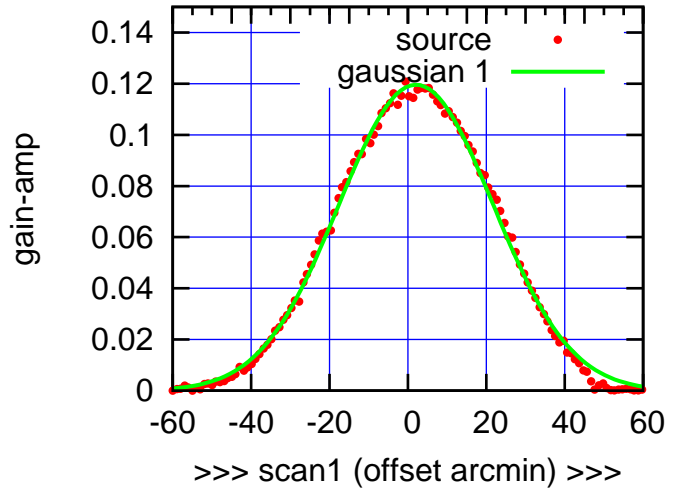
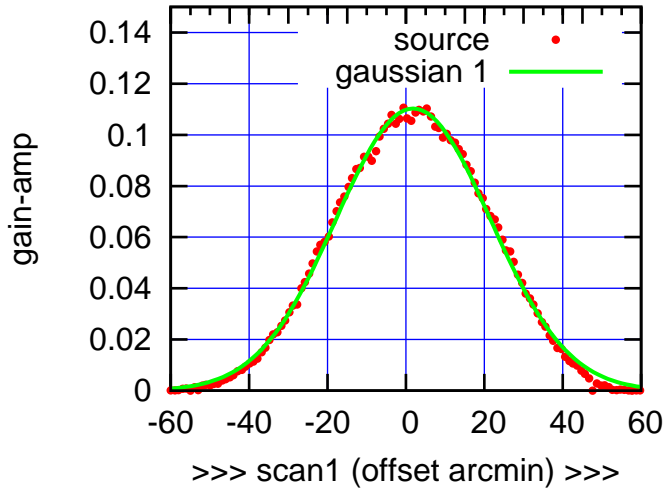
(591 MHz.)

E06-130-EL OFF= 1.8' (46.4')

E06-175-EL OFF= 2.1' (46.4')

13:21 13:21 13:22 13:22 13:23 13:23 13:24 13:24 13:25

13:21 13:21 13:22 13:22 13:23 13:23 13:24 13:24 13:25



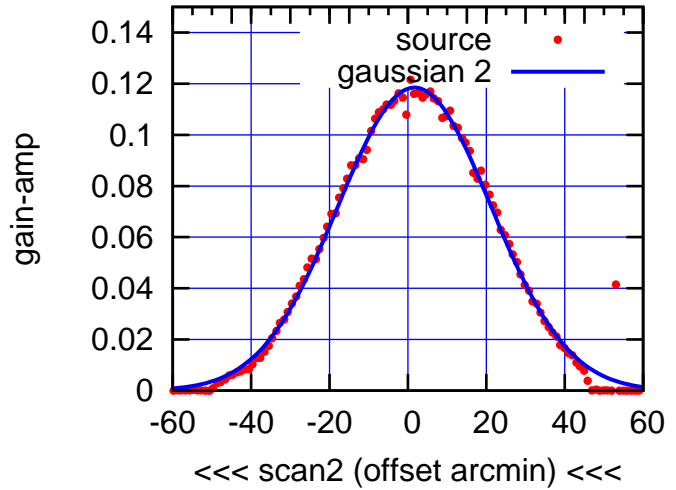
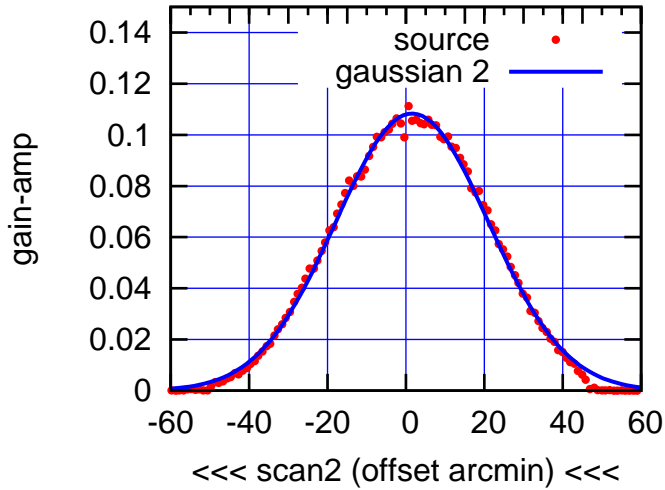
(+30'/m) 21Jul2017 13:23:00

E06-130-EL OFF= 1.6' (46.0')

E06-175-EL OFF= 1.7' (46.1')

13:30 13:29 13:29 13:28 13:28 13:27 13:27 13:26 13:26

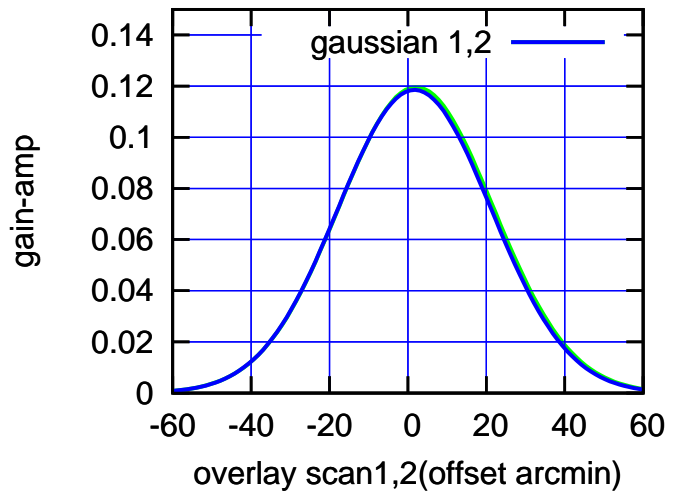
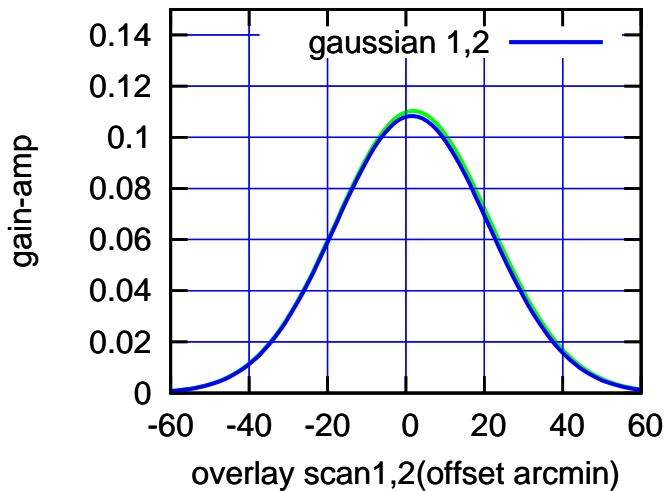
13:30 13:29 13:29 13:28 13:28 13:27 13:27 13:26 13:26



(-30'/m) 21Jul2017 13:28:00

BACKLASH ERROR= 0.2'

BACKLASH ERROR= 0.4'



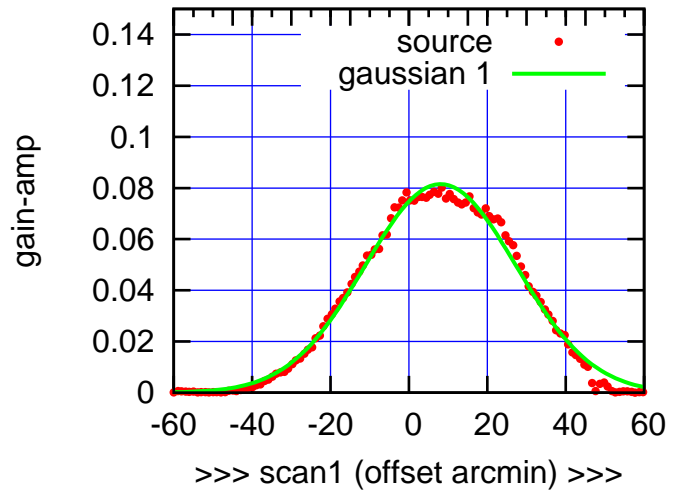
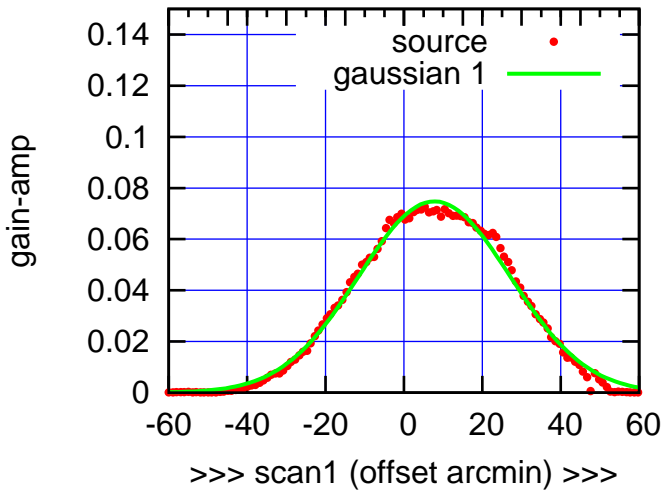
(591 MHz.)

S01-130-EL OFF= 7.8' (45.6')

S01-175-EL OFF= 8.1' (45.5')

13:21 13:21 13:22 13:22 13:23 13:23 13:24 13:24 13:25

13:21 13:21 13:22 13:22 13:23 13:23 13:24 13:24 13:25



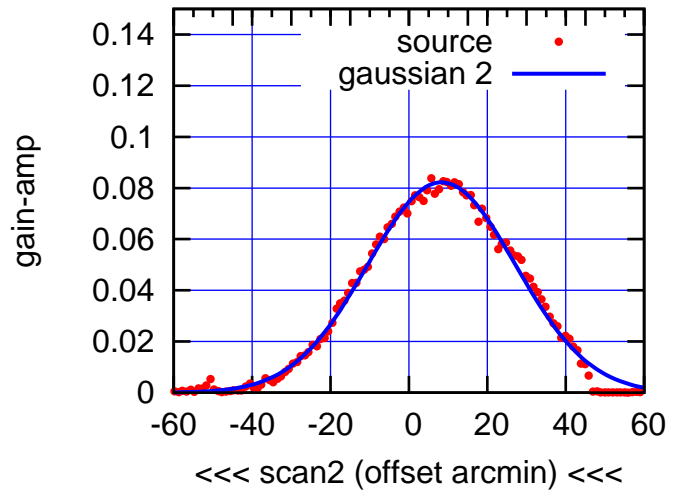
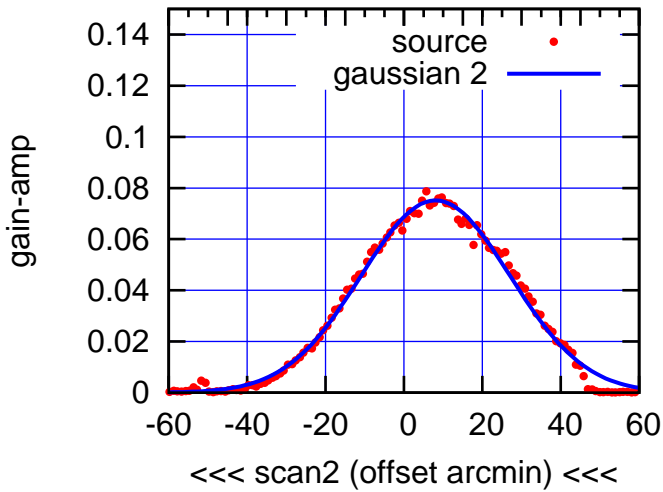
(+30'/m) 21Jul2017 13:23:00

S01-130-EL OFF= 8.1' (44.9')

S01-175-EL OFF= 8.3' (44.5')

13:30 13:29 13:29 13:28 13:28 13:27 13:27 13:26 13:26

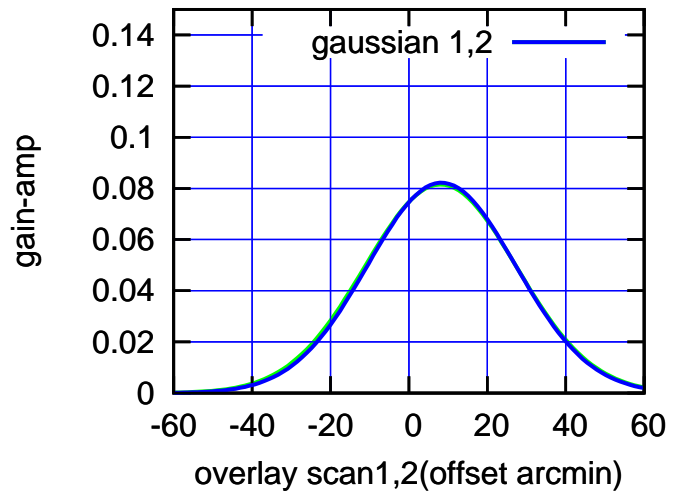
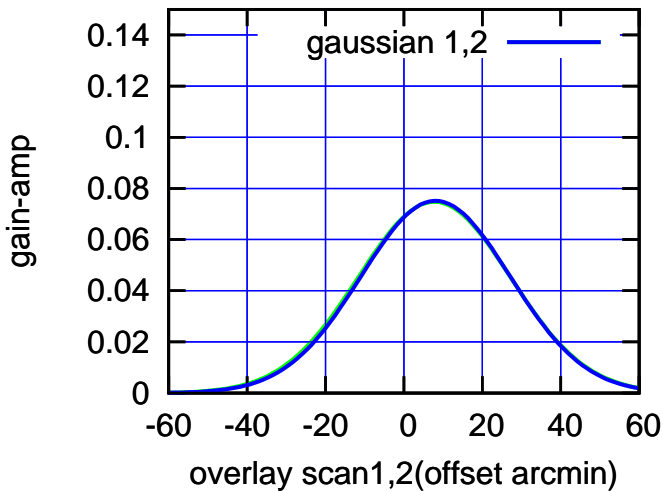
13:30 13:29 13:29 13:28 13:28 13:27 13:27 13:26 13:26



(-30'/m) 21Jul2017 13:28:00

BACKLASH ERROR= 0.3'

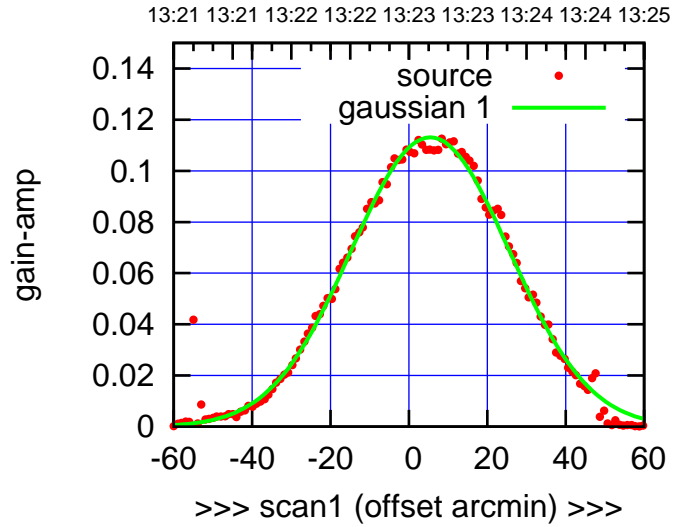
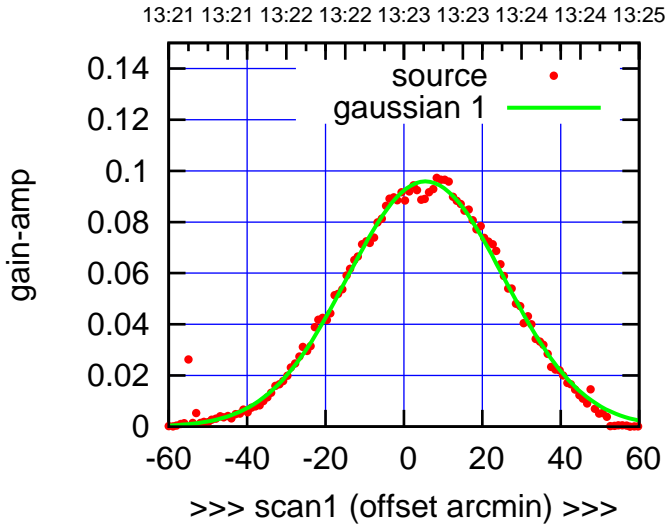
BACKLASH ERROR= 0.2'



(591 MHz.)

S02-130-EL OFF= 5.5' (47.1')

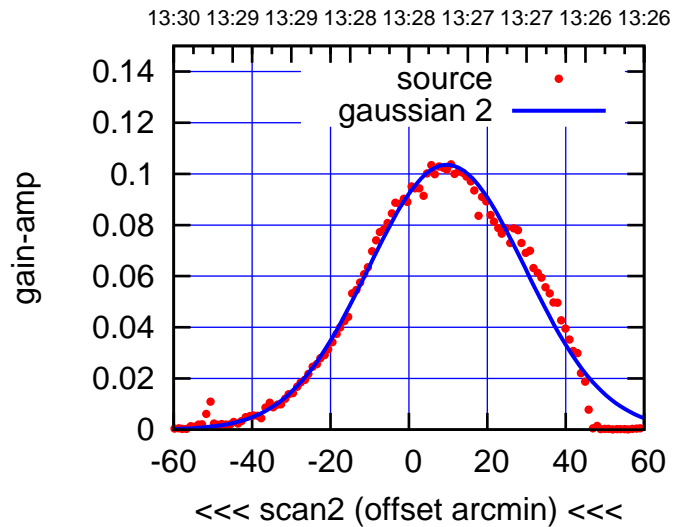
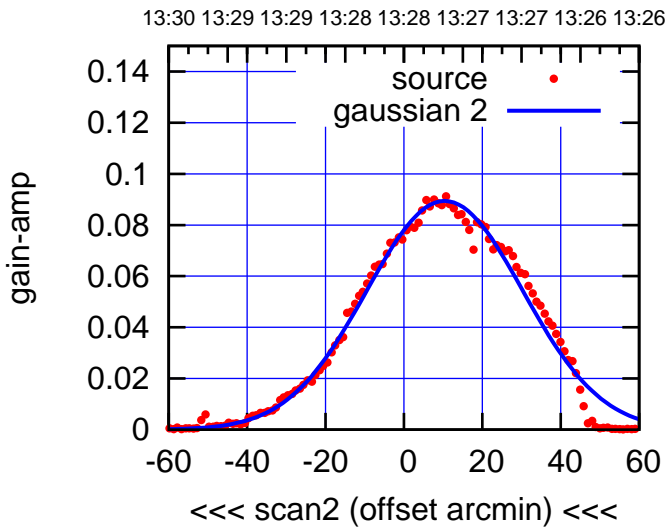
S02-175-EL OFF= 5.4' (47.7')



(+30'/m) 21Jul2017 13:23:00

S02-130-EL OFF= 10.4' (47.0')

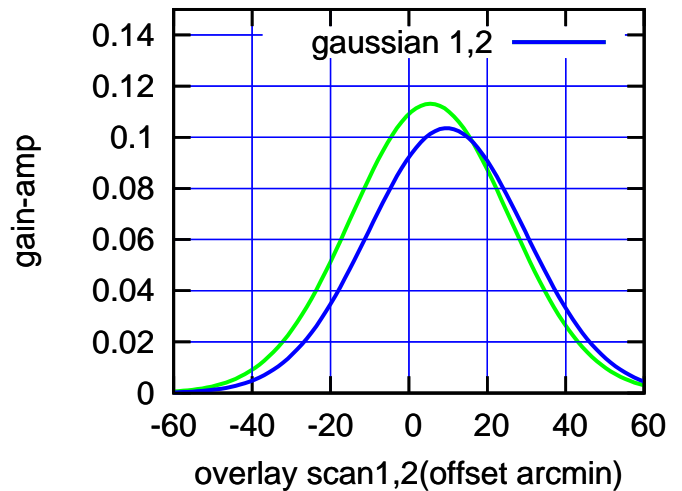
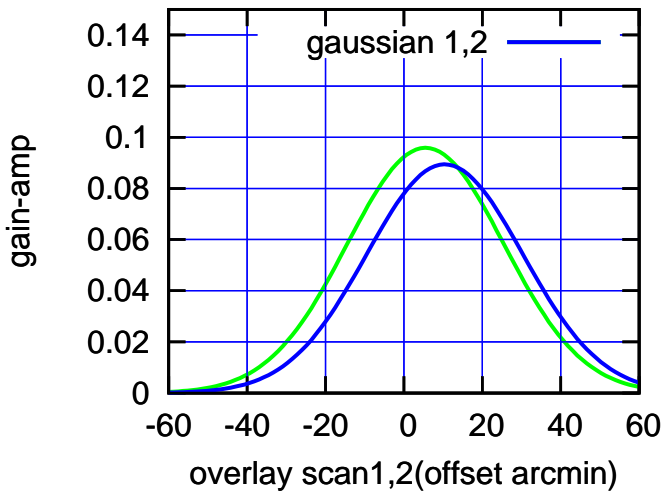
S02-175-EL OFF= 9.7' (47.3')



(-30'/m) 21Jul2017 13:28:00

BACKLASH ERROR= 4.9'

BACKLASH ERROR= 4.3'



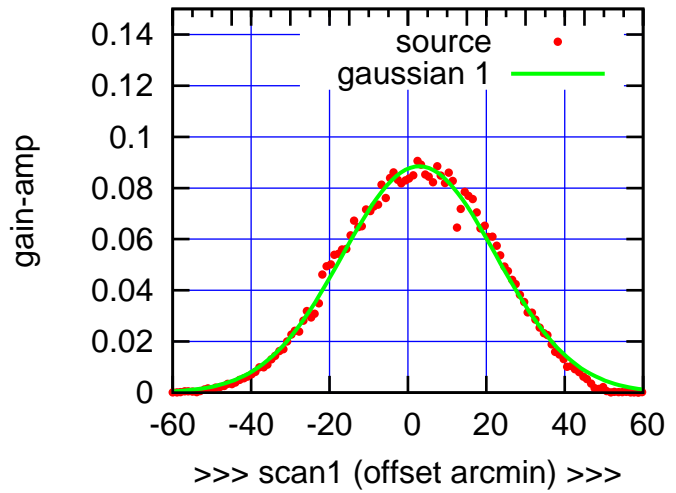
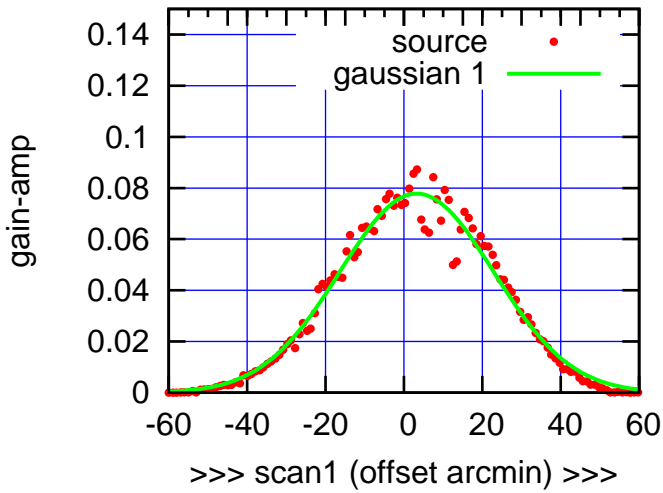
(591 MHz.)

S03-130-EL OFF= 3.3' (46.2')

S03-175-EL OFF= 2.9' (46.2')

13:21 13:21 13:22 13:22 13:23 13:23 13:24 13:24 13:25

13:21 13:21 13:22 13:22 13:23 13:23 13:24 13:24 13:25



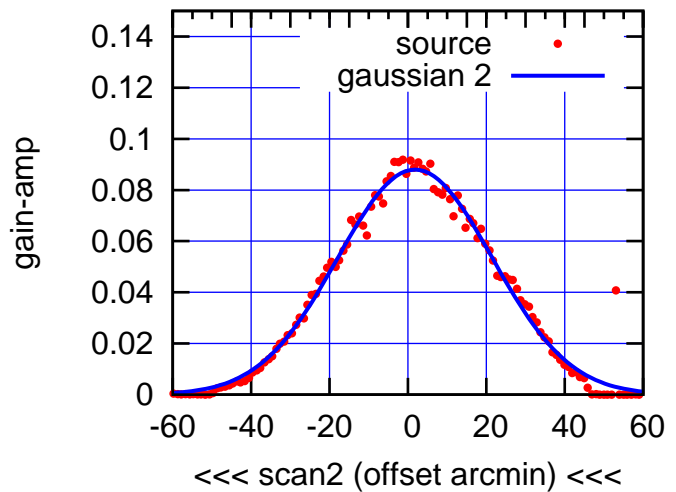
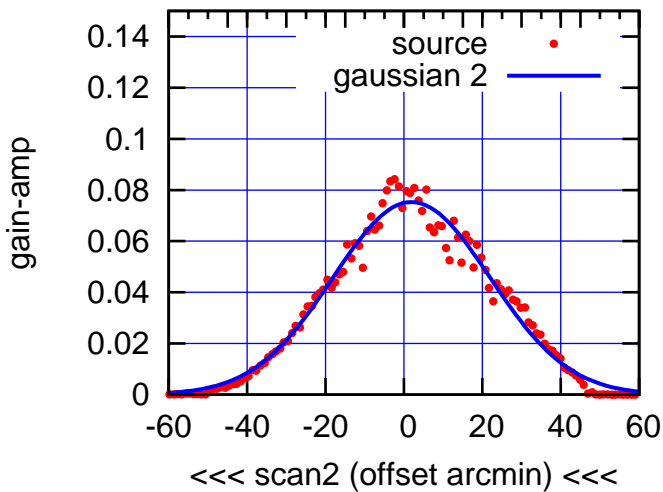
(+30'/m) 21Jul2017 13:23:00

S03-130-EL OFF= 1.9' (47.3')

S03-175-EL OFF= 1.8' (46.5')

13:30 13:29 13:29 13:28 13:28 13:27 13:27 13:26 13:26

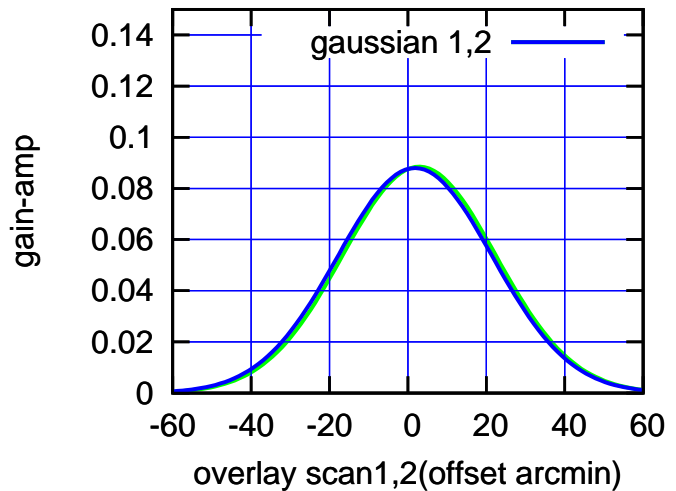
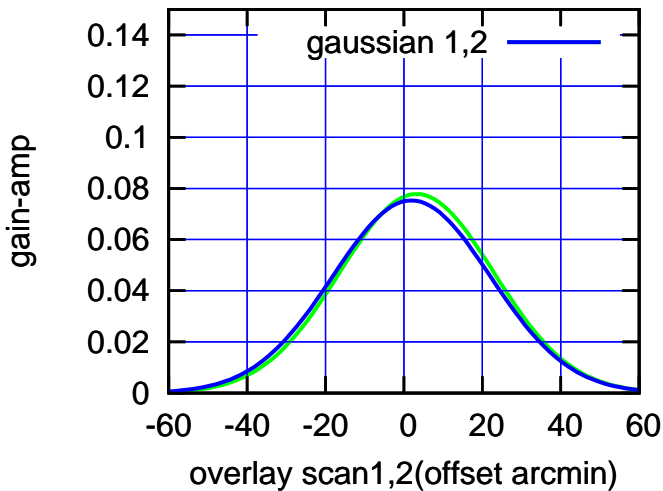
13:30 13:29 13:29 13:28 13:28 13:27 13:27 13:26 13:26



(-30'/m) 21Jul2017 13:28:00

BACKLASH ERROR= 1.4'

BACKLASH ERROR= 1.1'



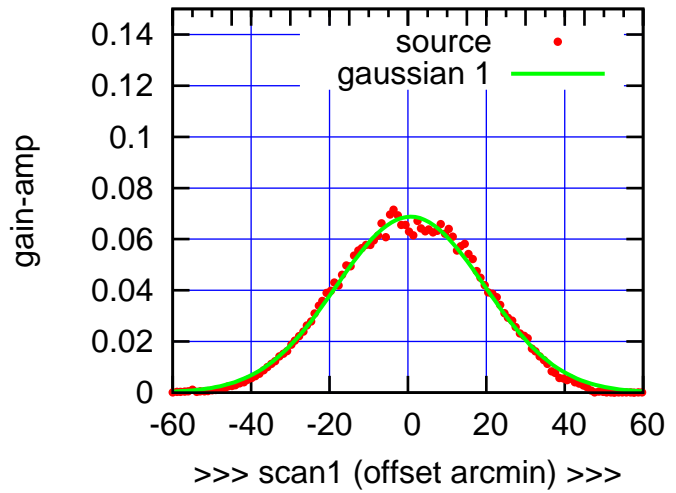
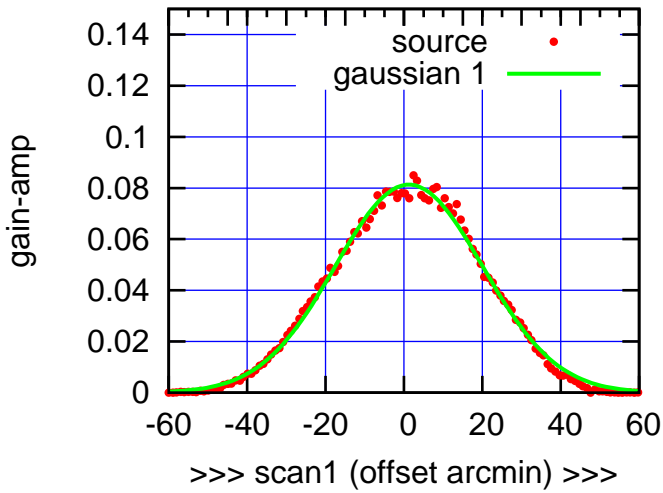
(591 MHz.)

S04-130-EL OFF= 1.3' (44.3')

S04-175-EL OFF= 0.7' (44.5')

13:21 13:21 13:22 13:22 13:23 13:23 13:24 13:24 13:25

13:21 13:21 13:22 13:22 13:23 13:23 13:24 13:24 13:25



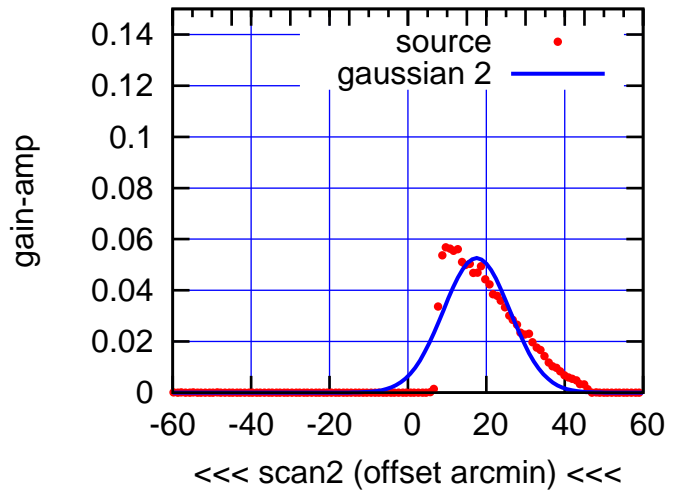
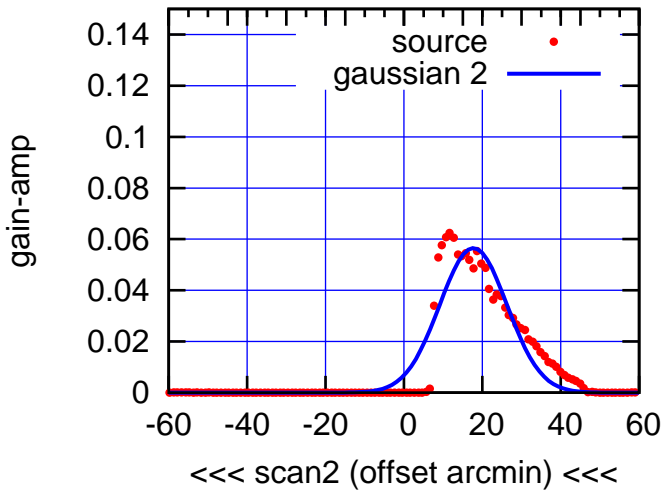
(+30'/m) 21Jul2017 13:23:00

S04-130-EL OFF= 17.7' (20.2')

S04-175-EL OFF= 17.5' (20.1')

13:30 13:29 13:29 13:28 13:28 13:27 13:27 13:26 13:26

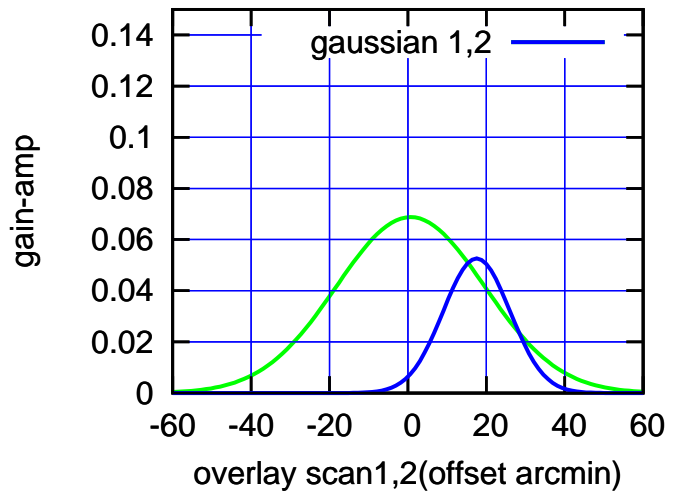
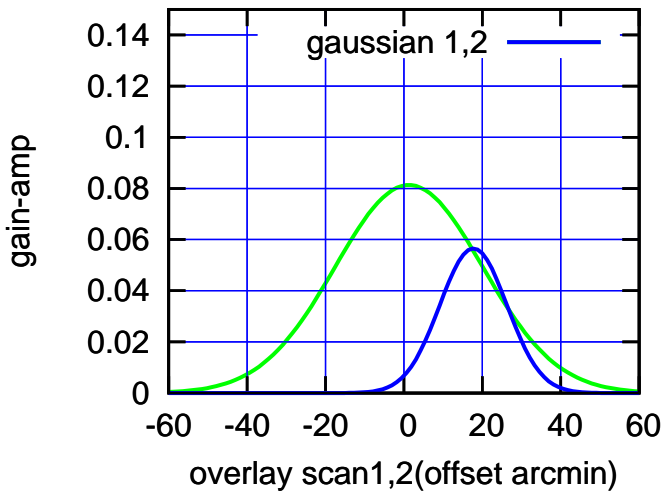
13:30 13:29 13:29 13:28 13:28 13:27 13:27 13:26 13:26



(-30'/m) 21Jul2017 13:28:00

BACKLASH ERROR= 16.4'

BACKLASH ERROR= 16.8'



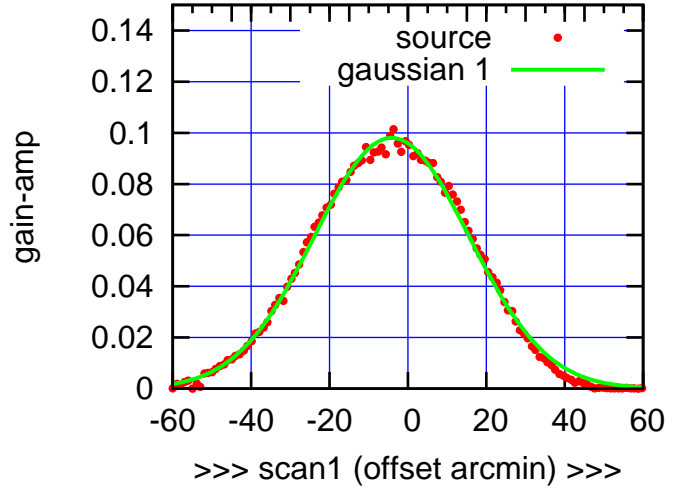
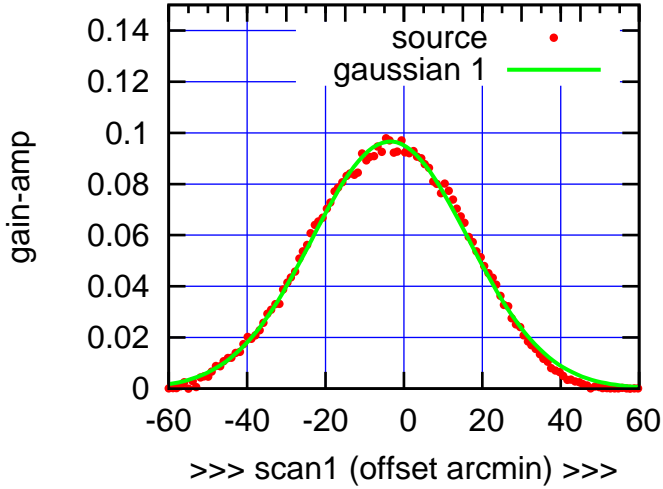
(591 MHz.)

S06-130-EL OFF= -3.5' (46.9')

S06-175-EL OFF= -4.1' (46.5')

13:21 13:21 13:22 13:22 13:23 13:23 13:24 13:24 13:25

13:21 13:21 13:22 13:22 13:23 13:23 13:24 13:24 13:25



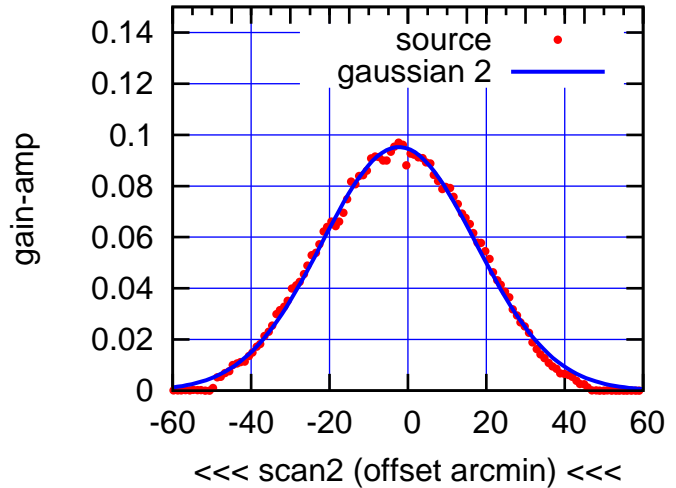
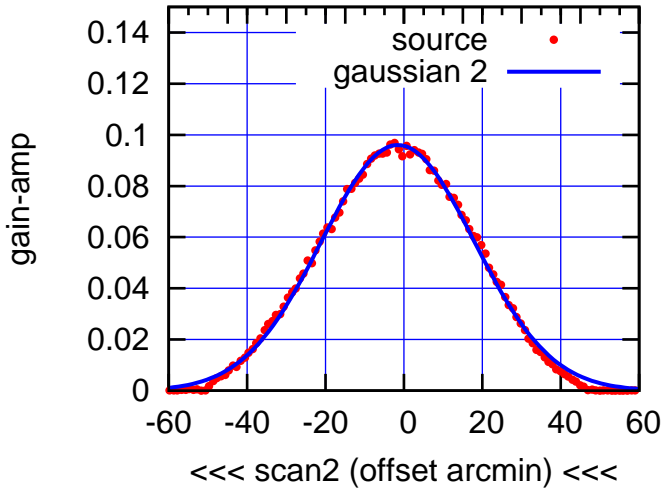
(+30'/m) 21Jul2017 13:23:00

S06-130-EL OFF= -1.6' (46.0')

S06-175-EL OFF= -2.3' (46.2')

13:30 13:29 13:29 13:28 13:28 13:27 13:27 13:26 13:26

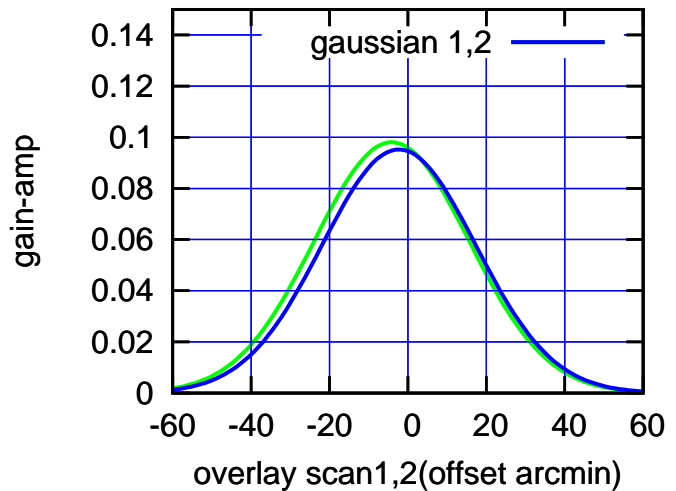
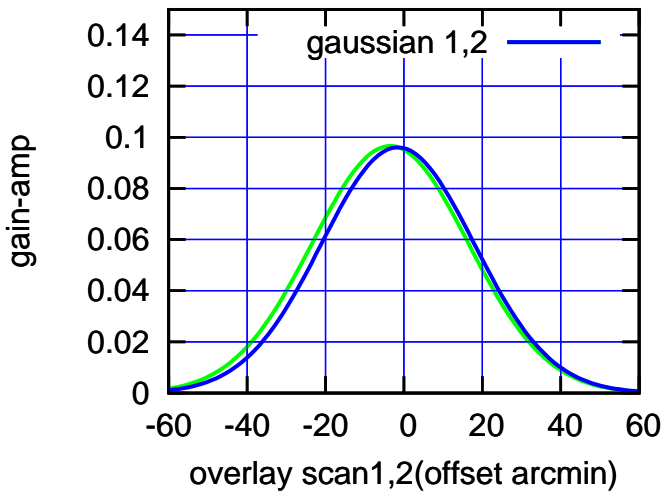
13:30 13:29 13:29 13:28 13:28 13:27 13:27 13:26 13:26



(-30'/m) 21Jul2017 13:28:00

BACKLASH ERROR= 1.9'

BACKLASH ERROR= 1.8'



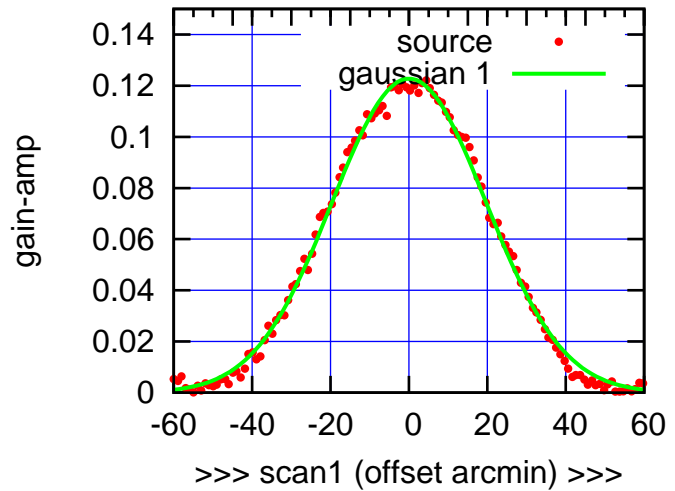
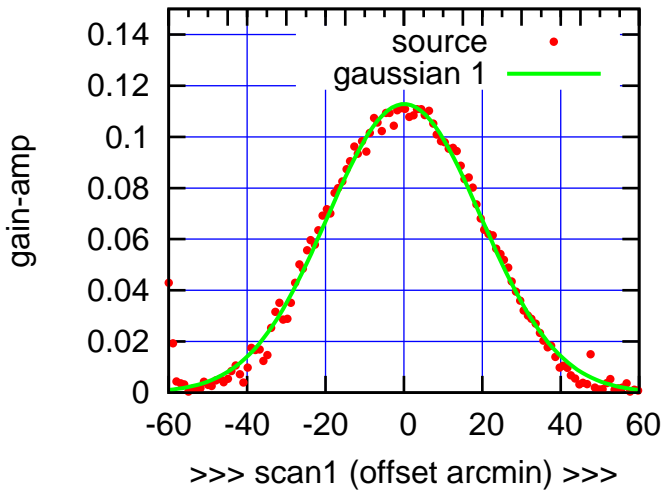
(591 MHz.)

W01-130-EL OFF= 0.1' (46.3')

W01-175-EL OFF= 0.0' (46.2')

13:21 13:21 13:22 13:22 13:23 13:23 13:24 13:24 13:25

13:21 13:21 13:22 13:22 13:23 13:23 13:24 13:24 13:25



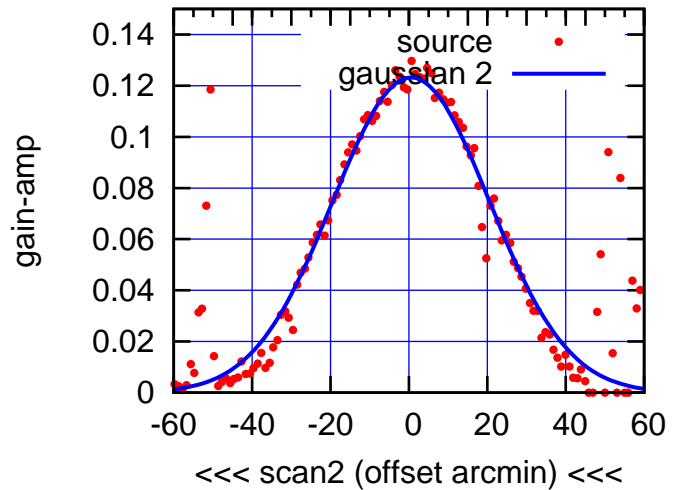
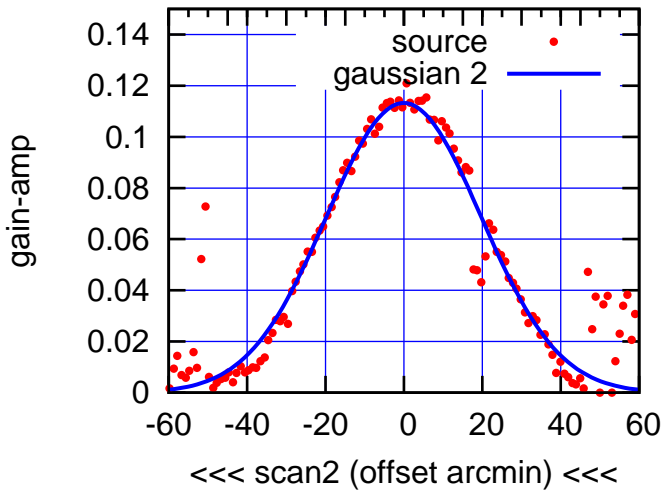
(+30'/m) 21Jul2017 13:23:00

W01-130-EL OFF= -0.0' (46.5')

W01-175-EL OFF= 0.6' (47.1')

13:30 13:29 13:29 13:28 13:28 13:27 13:27 13:26 13:26

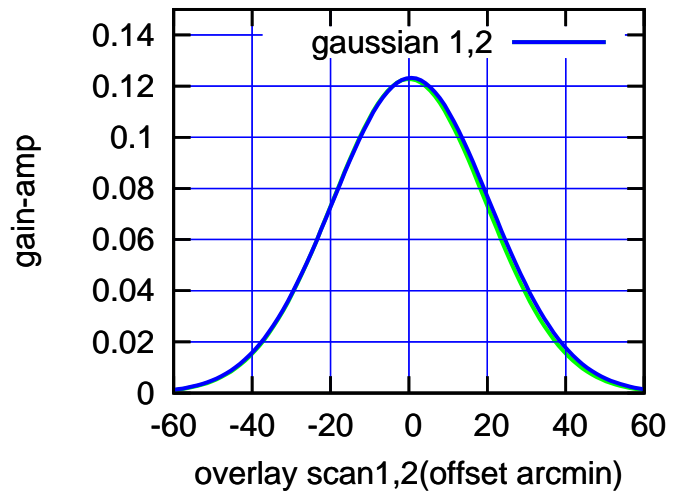
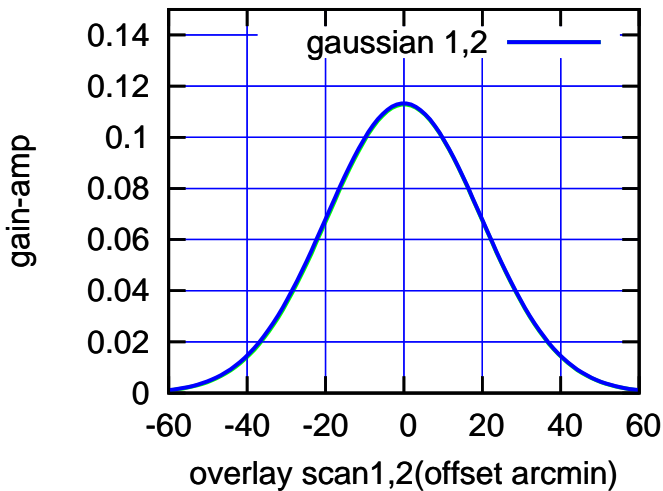
13:30 13:29 13:29 13:28 13:28 13:27 13:27 13:26 13:26



(-30'/m) 21Jul2017 13:28:00

BACKLASH ERROR= 0.1'

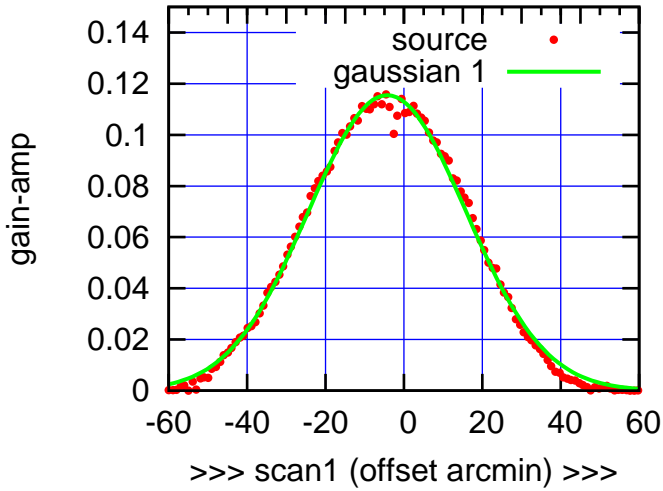
BACKLASH ERROR= 0.6'



(591 MHz.)

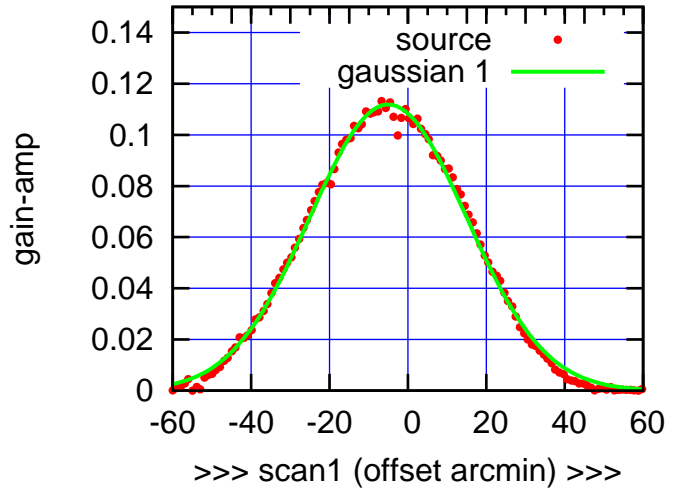
W02-130-EL OFF= -4.3' (47.3')

13:21 13:21 13:22 13:22 13:23 13:23 13:24 13:24 13:25



W02-175-EL OFF= -5.0' (47.0')

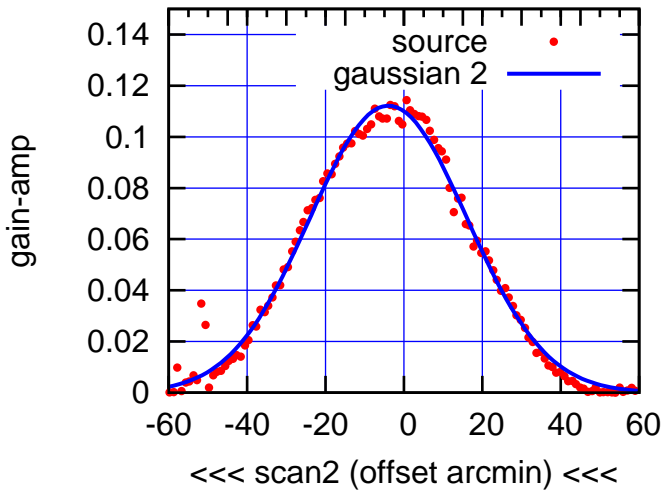
13:21 13:21 13:22 13:22 13:23 13:23 13:24 13:24 13:25



(+30'/m) 21Jul2017 13:23:00

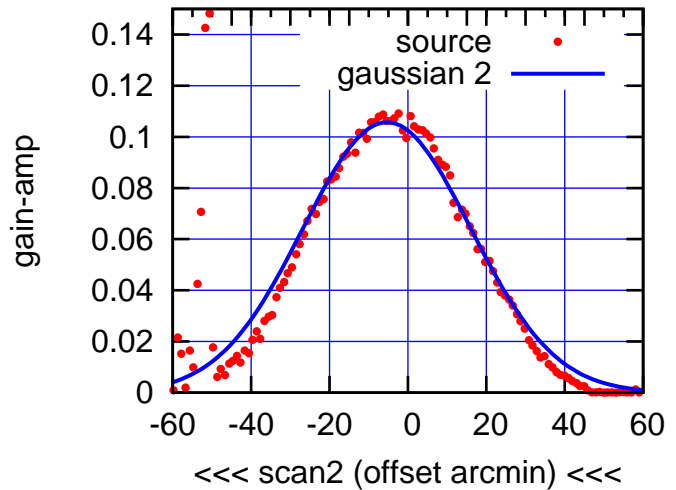
W02-130-EL OFF= -4.0' (47.3')

13:30 13:29 13:29 13:28 13:28 13:27 13:27 13:26 13:26



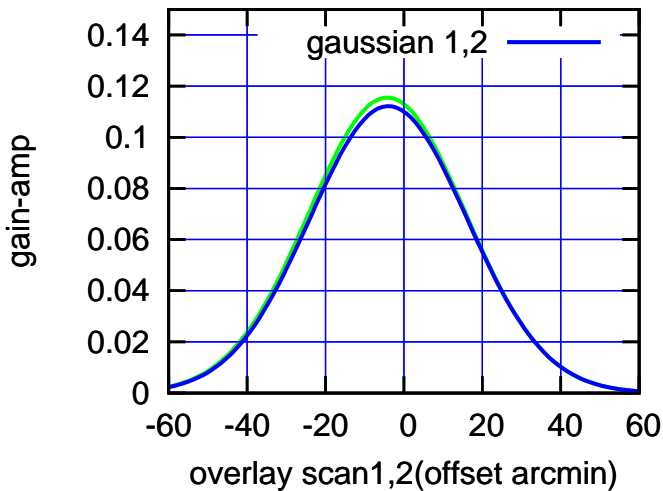
W02-175-EL OFF= -5.4' (50.5')

13:30 13:29 13:29 13:28 13:28 13:27 13:27 13:26 13:26

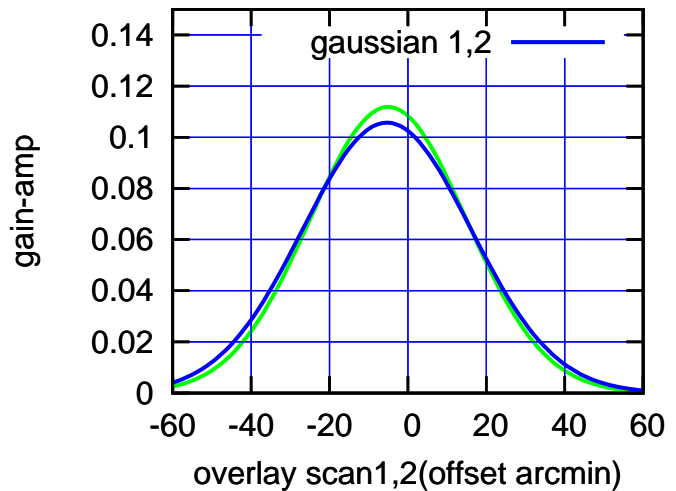


(-30'/m) 21Jul2017 13:28:00

BACKLASH ERROR= 0.3'



BACKLASH ERROR= 0.4'



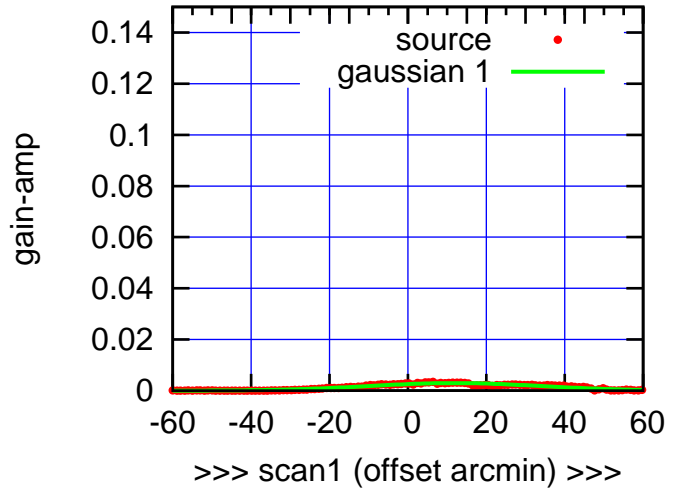
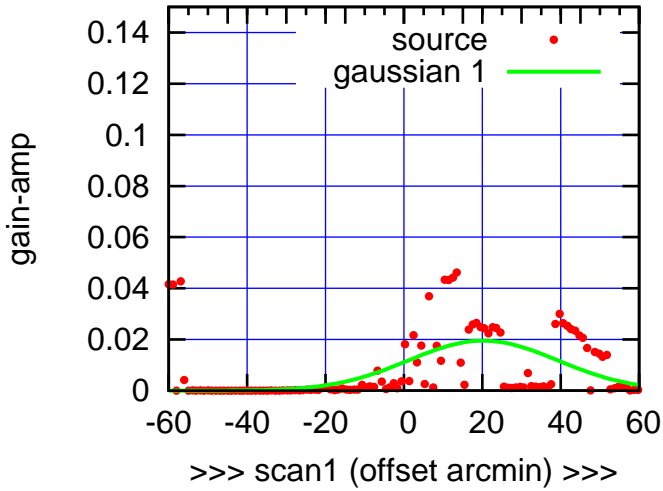
(591 MHz.)

W03-130-EL OFF= 20.2' (44.8')

W03-175-EL OFF= 0.0' (51.8')

13:21 13:21 13:22 13:22 13:23 13:23 13:24 13:24 13:25

13:21 13:21 13:22 13:22 13:23 13:23 13:24 13:24 13:25



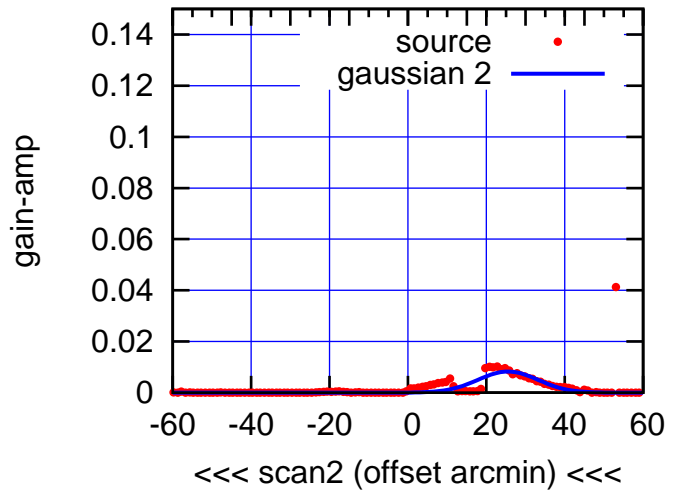
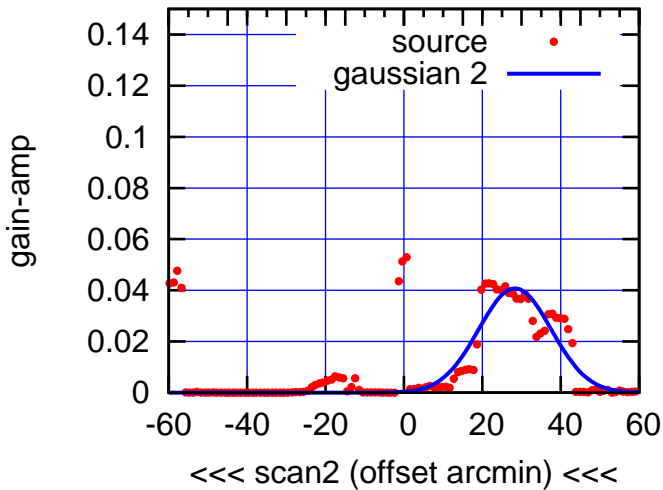
(+30'/m) 21Jul2017 13:23:00

W03-130-EL OFF= 28.3' (21.8')

W03-175-EL OFF= 25.5' (-18.0')

13:30 13:29 13:29 13:28 13:28 13:27 13:27 13:26 13:26

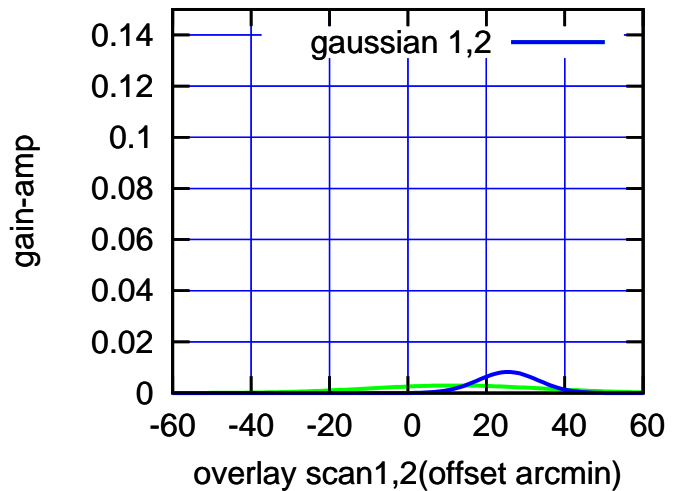
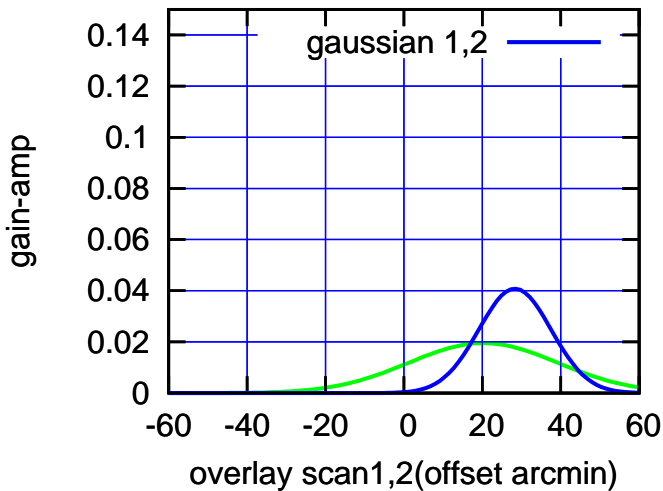
13:30 13:29 13:29 13:28 13:28 13:27 13:27 13:26 13:26



(-30'/m) 21Jul2017 13:28:00

BACKLASH ERROR= 8.1'

BACKLASH ERROR= 25.5'



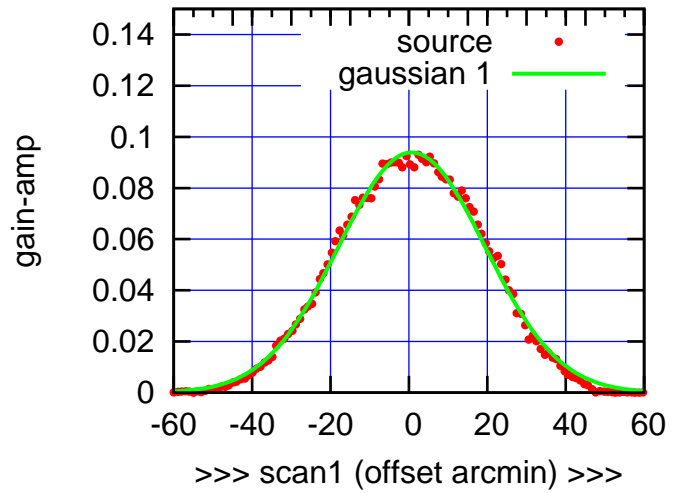
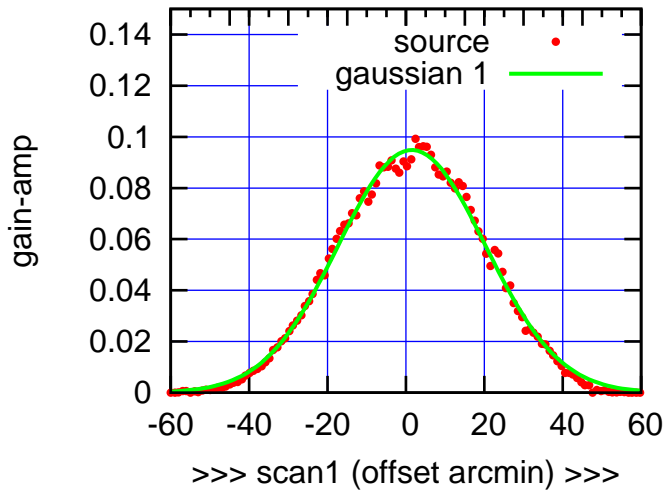
(591 MHz.)

W04-130-EL OFF= 1.5' (44.2')

W04-175-EL OFF= 0.7' (44.1')

13:21 13:21 13:22 13:22 13:23 13:23 13:24 13:24 13:25

13:21 13:21 13:22 13:22 13:23 13:23 13:24 13:24 13:25



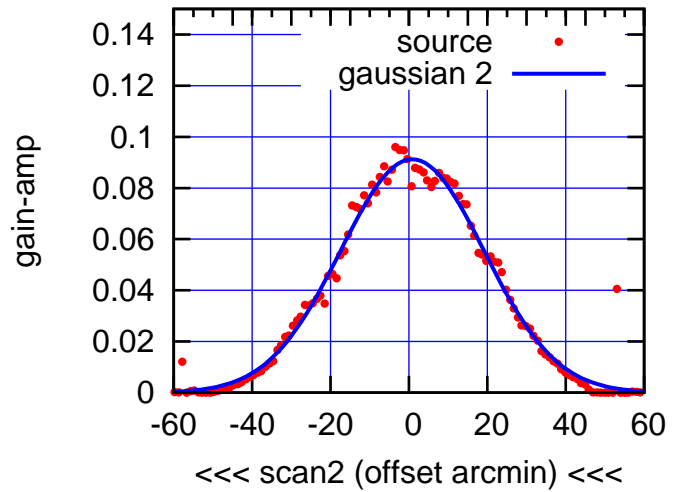
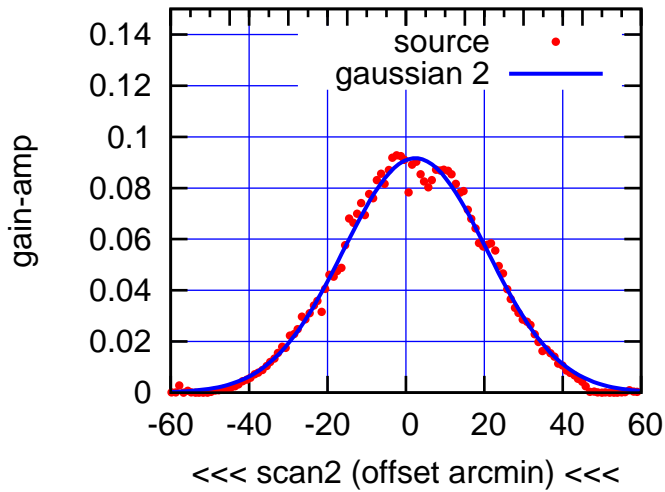
(+30'/m) 21Jul2017 13:23:00

W04-130-EL OFF= 2.4' (43.2')

W04-175-EL OFF= 0.9' (43.2')

13:30 13:29 13:29 13:28 13:28 13:27 13:27 13:26 13:26

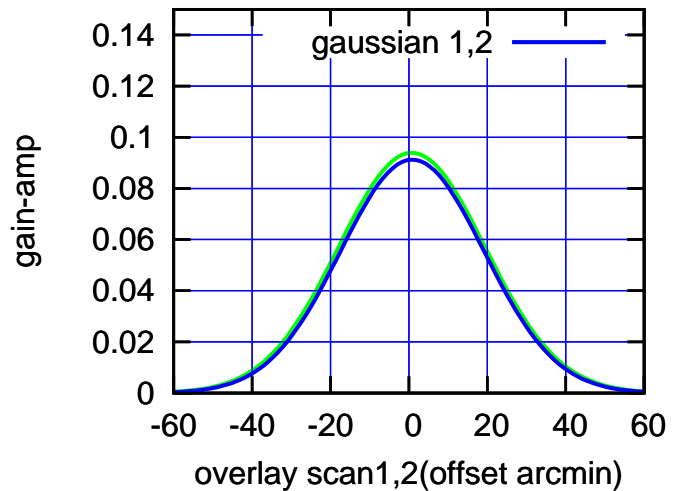
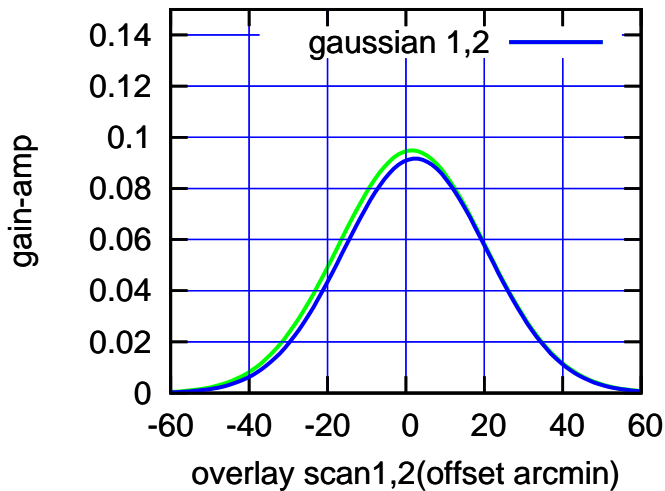
13:30 13:29 13:29 13:28 13:28 13:27 13:27 13:26 13:26



(-30'/m) 21Jul2017 13:28:00

BACKLASH ERROR= 0.9'

BACKLASH ERROR= 0.2'



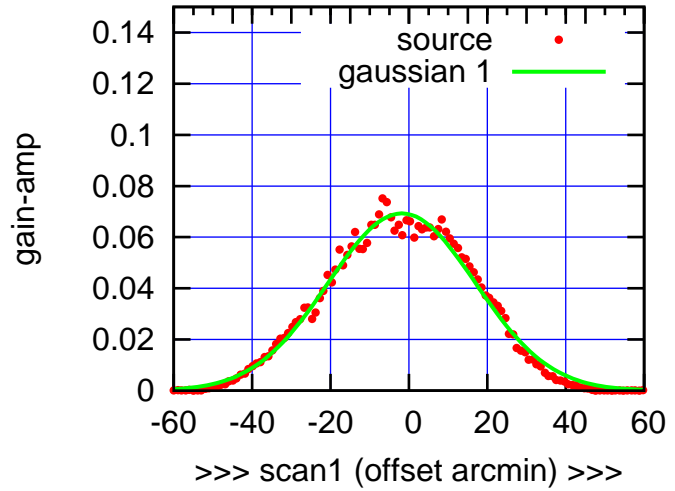
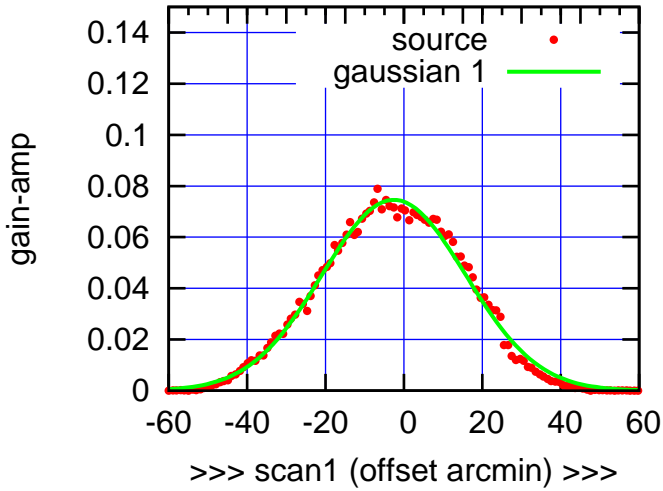
(591 MHz.)

W05-130-EL OFF= -2.6' (43.2')

W05-175-EL OFF= -1.8' (44.3')

13:21 13:21 13:22 13:22 13:23 13:23 13:24 13:24 13:25

13:21 13:21 13:22 13:22 13:23 13:23 13:24 13:24 13:25



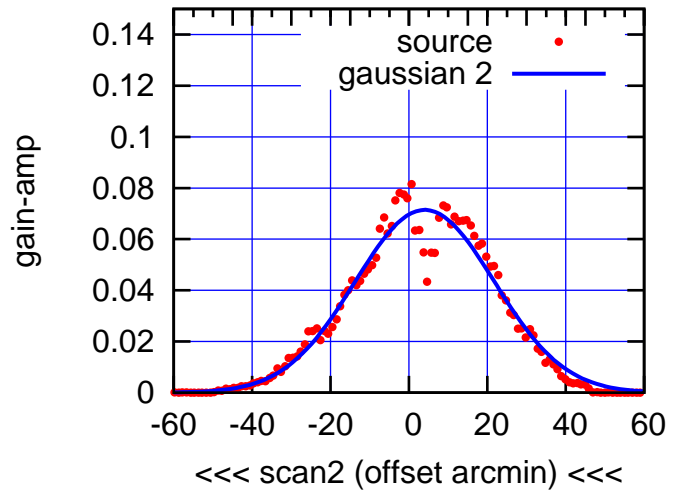
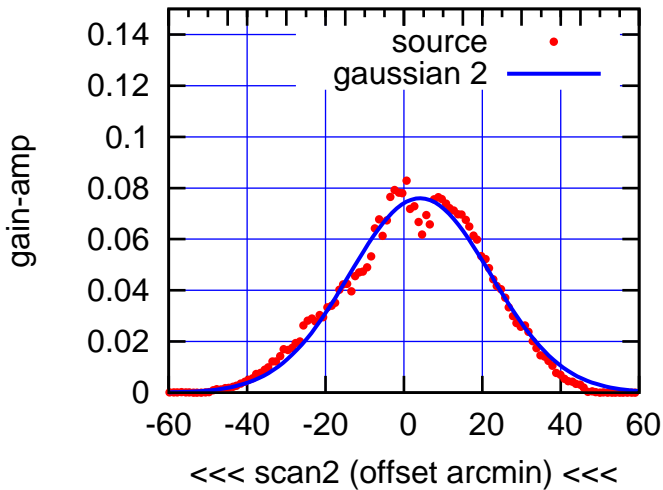
(+30'/m) 21Jul2017 13:23:00

W05-130-EL OFF= 4.1' (42.5')

W05-175-EL OFF= 4.0' (41.9')

13:30 13:29 13:29 13:28 13:28 13:27 13:27 13:26 13:26

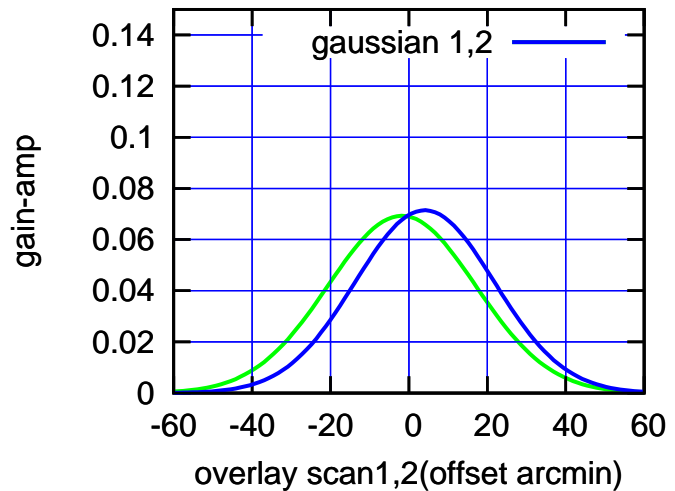
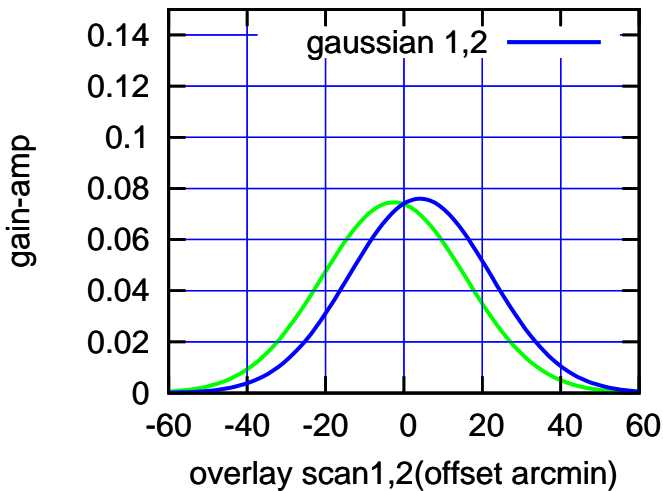
13:30 13:29 13:29 13:28 13:28 13:27 13:27 13:26 13:26



(-30'/m) 21Jul2017 13:28:00

BACKLASH ERROR= 6.7'

BACKLASH ERROR= 5.8'



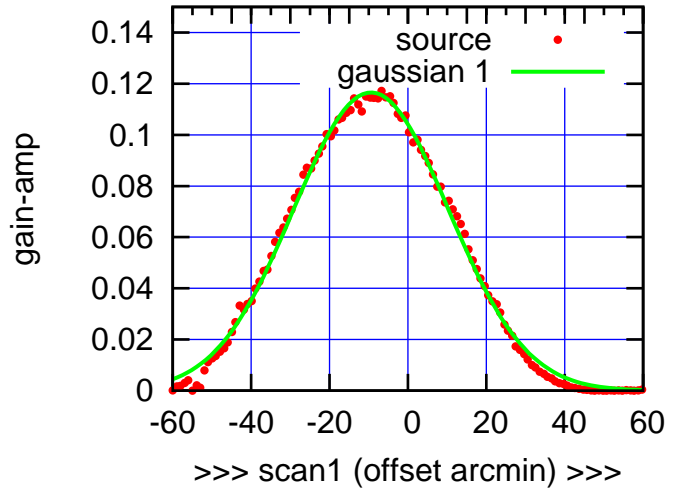
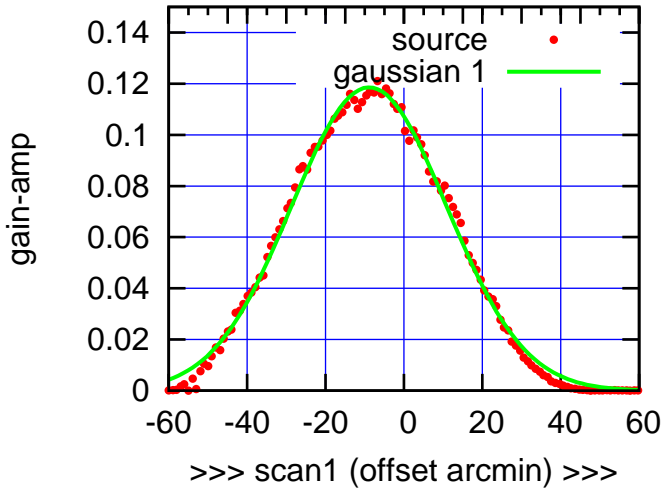
(591 MHz.)

W06-130-EL OFF= -8.9' (46.7')

W06-175-EL OFF= -9.4' (46.6')

13:21 13:21 13:22 13:22 13:23 13:23 13:24 13:24 13:25

13:21 13:21 13:22 13:22 13:23 13:23 13:24 13:24 13:25



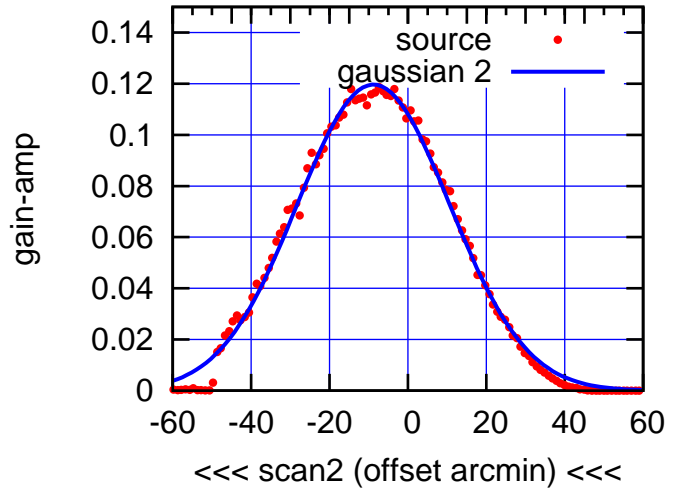
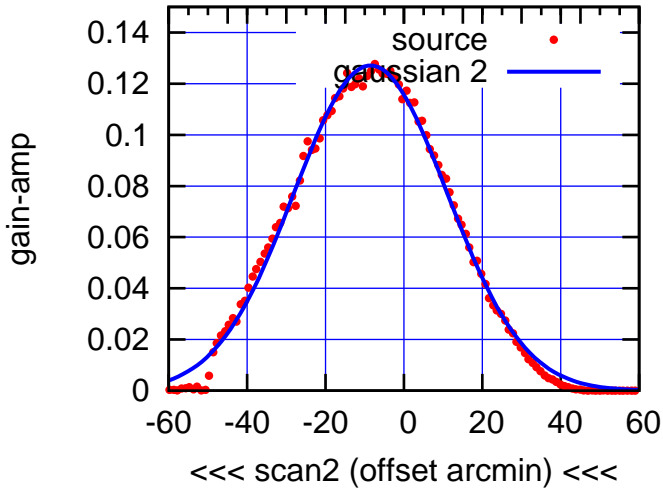
(+30'/m) 21Jul2017 13:23:00

W06-130-EL OFF= -8.5' (46.1')

W06-175-EL OFF= -8.8' (45.9')

13:30 13:29 13:29 13:28 13:28 13:27 13:27 13:26 13:26

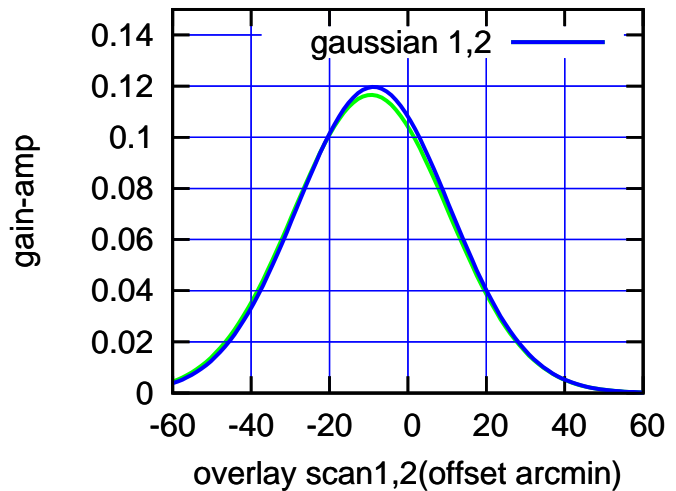
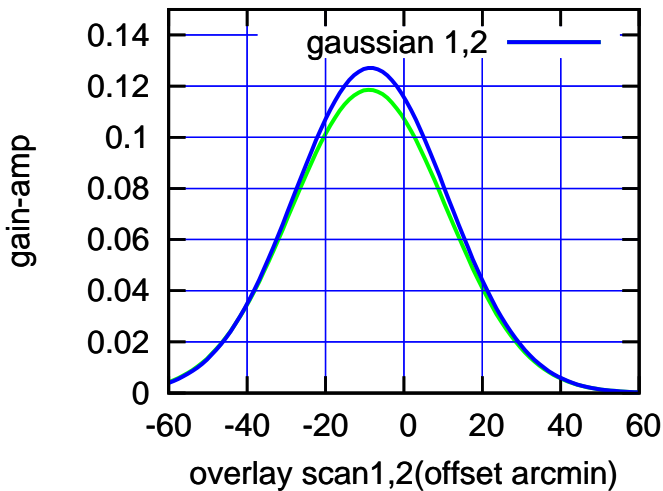
13:30 13:29 13:29 13:28 13:28 13:27 13:27 13:26 13:26



(-30'/m) 21Jul2017 13:28:00

BACKLASH ERROR= 0.4'

BACKLASH ERROR= 0.6'



(591 MHz.)

```

# backlash test      : 21Jul2017 13:23:00, 21Jul2017 13:28:00
# lta file          : /gsbifrddata/21jul/test_backlash.lta
# lta scan no(s)   : 4,5
# lta chan range   : [100,105]
# scan1 start time : 21Jul2017 13:21:00
# scan1 peak time  : 21Jul2017 13:23:00
# scan1 end time   : 21Jul2017 13:25:00
# scan2 start time : 21Jul2017 13:26:00
# scan2 peak time  : 21Jul2017 13:28:00
# scan2 end time   : 21Jul2017 13:30:00
# 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)   : 42.9
# antenna flag     : 1 - working, 0 - non working

```

C00-130-EL	OFF(scan1)= -0.2	OFF(scan2)= 0.8	ERROR= 1.0	FLAG= 1
C00-175-EL	OFF(scan1)= -0.6	OFF(scan2)= 0.6	ERROR= 1.2	FLAG= 1
C01-130-EL	OFF(scan1)= 10.2	OFF(scan2)= 12.5	ERROR= 2.3	FLAG= 1
C01-175-EL	OFF(scan1)= 10.6	OFF(scan2)= 12.3	ERROR= 1.7	FLAG= 1
C02-130-EL	OFF(scan1)= -1.7	OFF(scan2)= -2.4	ERROR= 0.7	FLAG= 1
C02-175-EL	OFF(scan1)= -2.4	OFF(scan2)= -2.5	ERROR= 0.1	FLAG= 1
C03-130-EL	OFF(scan1)= -8.8	OFF(scan2)= -8.3	ERROR= 0.5	FLAG= 1
C03-175-EL	OFF(scan1)= -8.8	OFF(scan2)= -9.1	ERROR= 0.3	FLAG= 1
C04-130-EL	OFF(scan1)= 0.4	OFF(scan2)= 2.1	ERROR= 1.7	FLAG= 1
C04-175-EL	OFF(scan1)= 1.1	OFF(scan2)= 2.4	ERROR= 1.3	FLAG= 1
C05-130-EL	OFF(scan1)= -2.4	OFF(scan2)= -3.0	ERROR= 0.6	FLAG= 1
C05-175-EL	OFF(scan1)= -2.0	OFF(scan2)= -2.5	ERROR= 0.5	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)= -2.2	OFF(scan2)= -2.2	ERROR= 0.0	FLAG= 1
C08-175-EL	OFF(scan1)= -2.3	OFF(scan2)= -1.7	ERROR= 0.6	FLAG= 1
C09-130-EL	OFF(scan1)= 1.0	OFF(scan2)= 0.4	ERROR= 0.6	FLAG= 1
C09-175-EL	OFF(scan1)= 0.1	OFF(scan2)= 0.9	ERROR= 0.8	FLAG= 1
C10-130-EL	OFF(scan1)= 3.8	OFF(scan2)= 3.3	ERROR= 0.5	FLAG= 1
C10-175-EL	OFF(scan1)= 3.5	OFF(scan2)= 3.8	ERROR= 0.3	FLAG= 1
C11-130-EL	OFF(scan1)= 5.4	OFF(scan2)= 7.4	ERROR= 2.0	FLAG= 1
C11-175-EL	OFF(scan1)= 4.7	OFF(scan2)= 6.7	ERROR= 2.0	FLAG= 1
C12-130-EL	OFF(scan1)= 1.5	OFF(scan2)= 1.6	ERROR= 0.1	FLAG= 1
C12-175-EL	OFF(scan1)= 1.8	OFF(scan2)= 2.3	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)= 2.6	ERROR= 3.1	FLAG= 1
C14-175-EL	OFF(scan1)= -0.3	OFF(scan2)= 3.2	ERROR= 3.5	FLAG= 1
E02-130-EL	OFF(scan1)= 0.0	OFF(scan2)= 0.0	ERROR= 0.0	FLAG= 0
E02-175-EL	OFF(scan1)= 0.0	OFF(scan2)= 0.0	ERROR= 0.0	FLAG= 0
E03-130-EL	OFF(scan1)= 4.5	OFF(scan2)= 4.6	ERROR= 0.1	FLAG= 1
E03-175-EL	OFF(scan1)= 2.9	OFF(scan2)= 3.0	ERROR= 0.1	FLAG= 1
E04-130-EL	OFF(scan1)= 2.4	OFF(scan2)= 2.3	ERROR= 0.1	FLAG= 1
E04-175-EL	OFF(scan1)= 2.8	OFF(scan2)= 2.8	ERROR= 0.0	FLAG= 1
E05-130-EL	OFF(scan1)= 2.2	OFF(scan2)= 2.0	ERROR= 0.2	FLAG= 1
E05-175-EL	OFF(scan1)= 2.3	OFF(scan2)= 2.1	ERROR= 0.2	FLAG= 1
E06-130-EL	OFF(scan1)= 1.8	OFF(scan2)= 1.6	ERROR= 0.2	FLAG= 1
E06-175-EL	OFF(scan1)= 2.1	OFF(scan2)= 1.7	ERROR= 0.4	FLAG= 1
S01-130-EL	OFF(scan1)= 7.8	OFF(scan2)= 8.1	ERROR= 0.3	FLAG= 1
S01-175-EL	OFF(scan1)= 8.1	OFF(scan2)= 8.3	ERROR= 0.2	FLAG= 1
S02-130-EL	OFF(scan1)= 5.5	OFF(scan2)= 10.4	ERROR= 4.9	FLAG= 1
S02-175-EL	OFF(scan1)= 5.4	OFF(scan2)= 9.7	ERROR= 4.3	FLAG= 1
S03-130-EL	OFF(scan1)= 3.3	OFF(scan2)= 1.9	ERROR= 1.4	FLAG= 1
S03-175-EL	OFF(scan1)= 2.9	OFF(scan2)= 1.8	ERROR= 1.1	FLAG= 1
S04-130-EL	OFF(scan1)= 1.3	OFF(scan2)= 17.7	ERROR= 16.4	FLAG= 1
S04-175-EL	OFF(scan1)= 0.7	OFF(scan2)= 17.5	ERROR= 16.8	FLAG= 1
S06-130-EL	OFF(scan1)= -3.5	OFF(scan2)= -1.6	ERROR= 1.9	FLAG= 1
S06-175-EL	OFF(scan1)= -4.1	OFF(scan2)= -2.3	ERROR= 1.8	FLAG= 1

W01-130-EL	OFF(scan1)=	0.1	OFF(scan2)=	-0.0	ERROR=	0.1	FLAG=	1
W01-175-EL	OFF(scan1)=	0.0	OFF(scan2)=	0.6	ERROR=	0.6	FLAG=	1
W02-130-EL	OFF(scan1)=	-4.3	OFF(scan2)=	-4.0	ERROR=	0.3	FLAG=	1
W02-175-EL	OFF(scan1)=	-5.0	OFF(scan2)=	-5.4	ERROR=	0.4	FLAG=	1
W03-130-EL	OFF(scan1)=	20.2	OFF(scan2)=	28.3	ERROR=	8.1	FLAG=	1
W03-175-EL	OFF(scan1)=	0.0	OFF(scan2)=	25.5	ERROR=	25.5	FLAG=	0
W04-130-EL	OFF(scan1)=	1.5	OFF(scan2)=	2.4	ERROR=	0.9	FLAG=	1
W04-175-EL	OFF(scan1)=	0.7	OFF(scan2)=	0.9	ERROR=	0.2	FLAG=	1
W05-130-EL	OFF(scan1)=	-2.6	OFF(scan2)=	4.1	ERROR=	6.7	FLAG=	1
W05-175-EL	OFF(scan1)=	-1.8	OFF(scan2)=	4.0	ERROR=	5.8	FLAG=	1
W06-130-EL	OFF(scan1)=	-8.9	OFF(scan2)=	-8.5	ERROR=	0.4	FLAG=	1
W06-175-EL	OFF(scan1)=	-9.4	OFF(scan2)=	-8.8	ERROR=	0.6	FLAG=	1

EL backlash test (21Jul2017 13:23:00)

