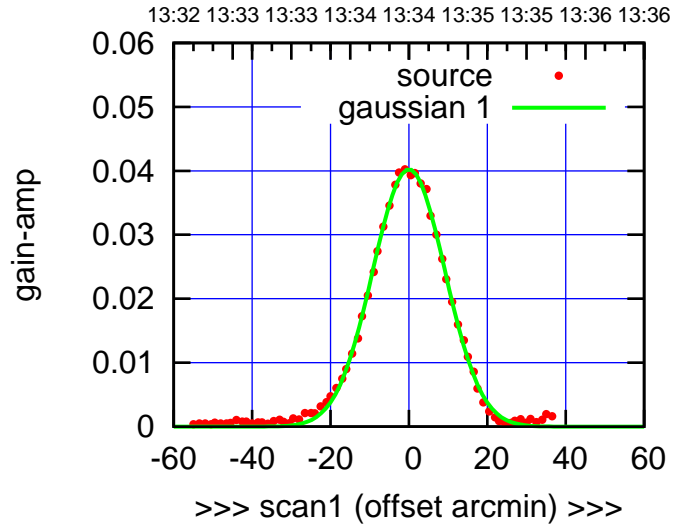
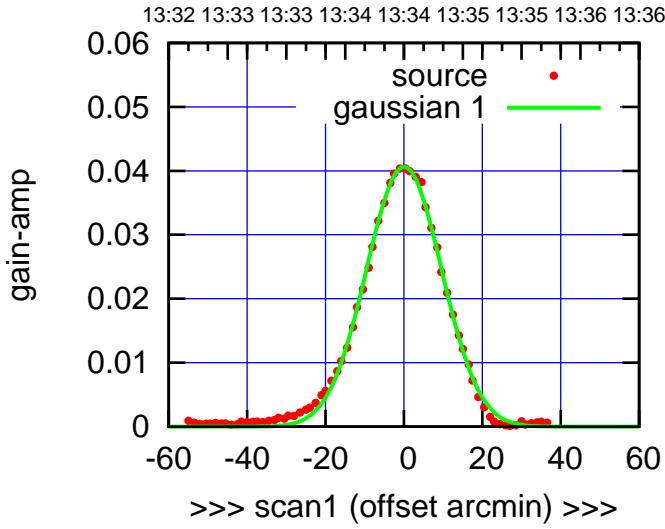


C00-130-EL OFF= 0.0' (22.5')

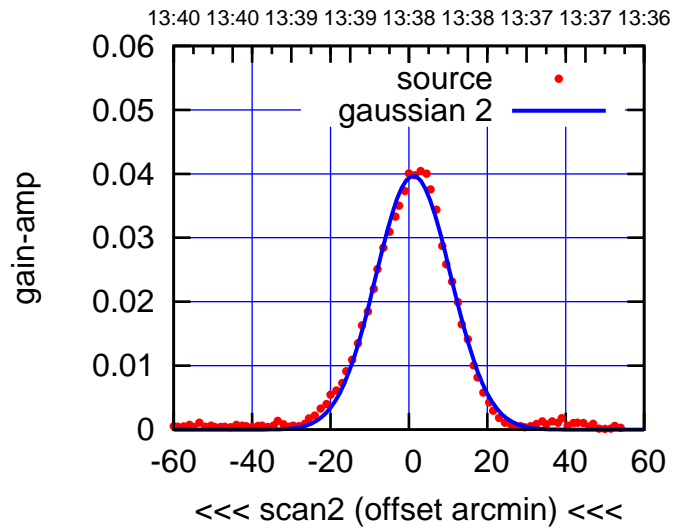
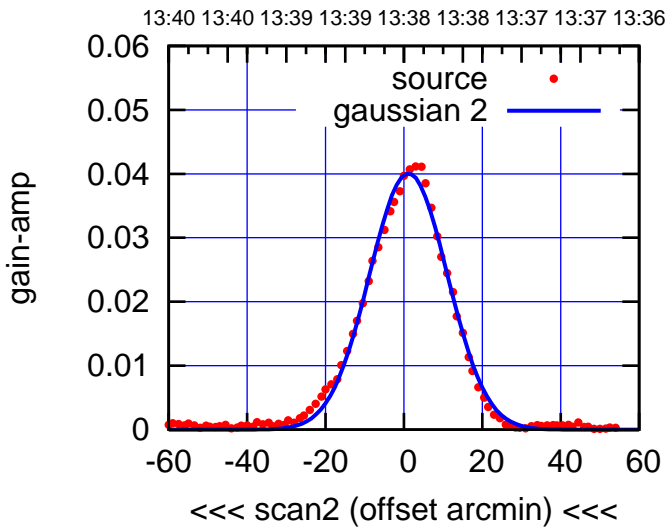
C00-175-EL OFF= -0.0' (21.7')



(+30'/m) 16May2023 13:34:30

C00-130-EL OFF= 1.2' (23.4')

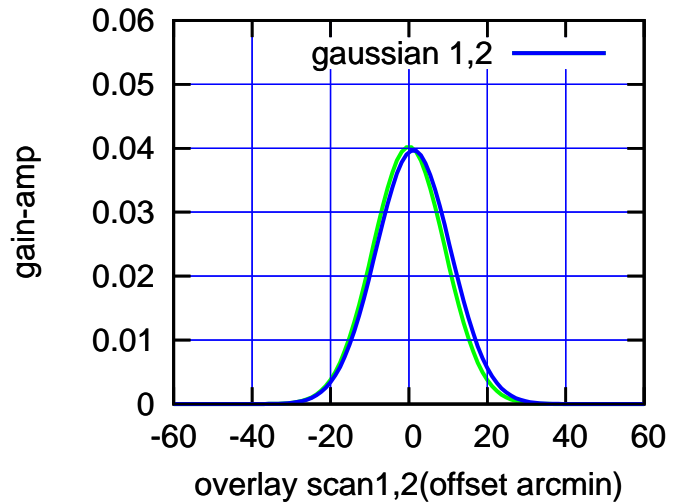
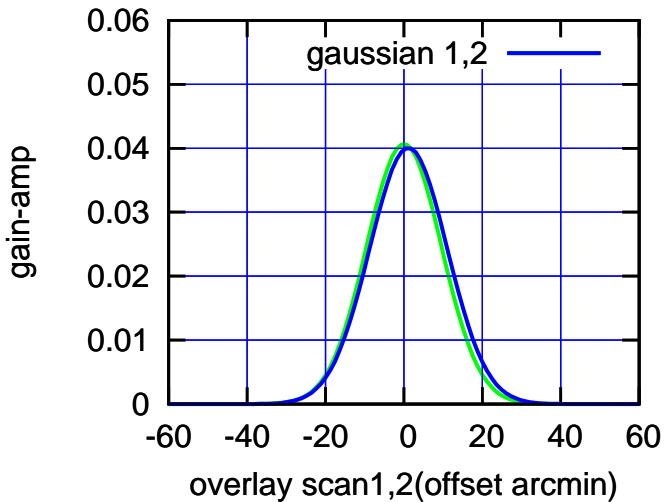
C00-175-EL OFF= 1.1' (22.5')



(-30'/m) 16May2023 13:38:30

BACKLASH ERROR= -1.2'

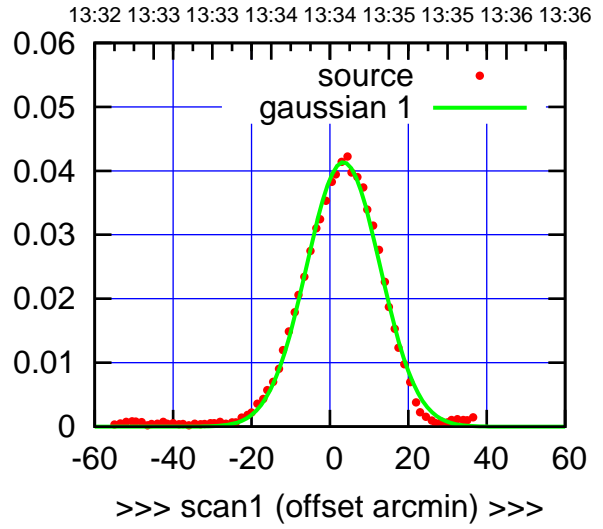
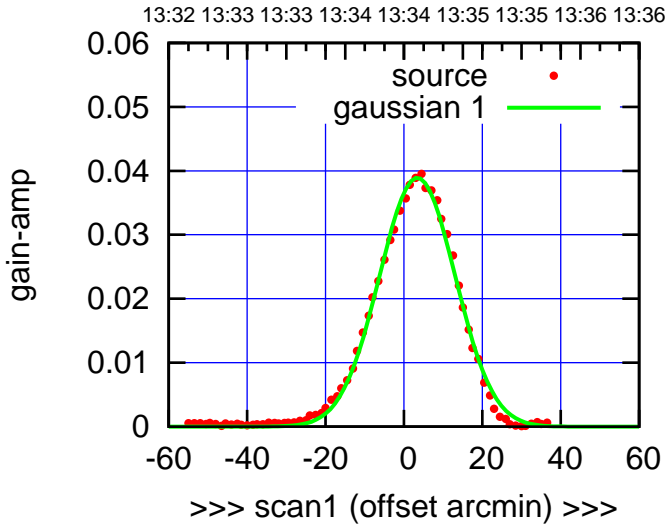
BACKLASH ERROR= -1.1'



(1460 MHz.)

C01-130-EL OFF= 3.4' (22.7')

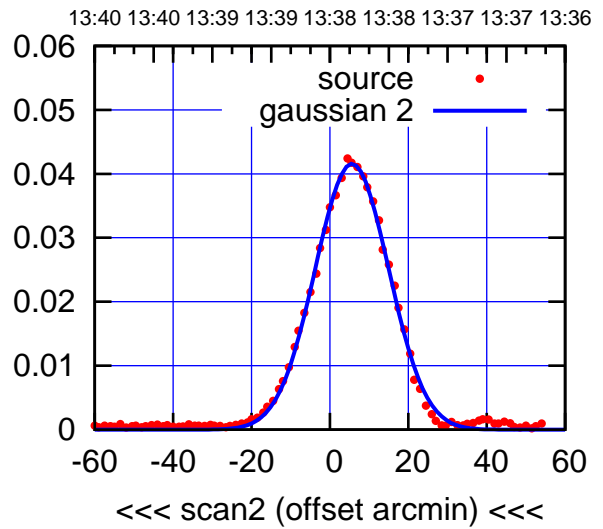
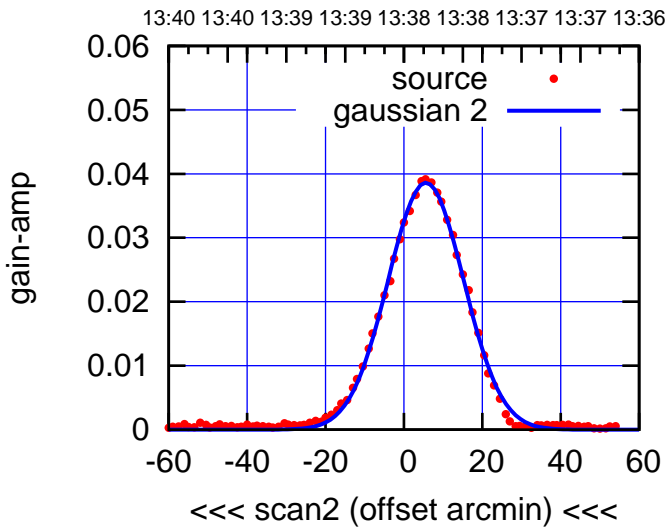
C01-175-EL OFF= 3.4' (22.1')



(+30'/m) 16May2023 13:34:30

C01-130-EL OFF= 5.6' (22.6')

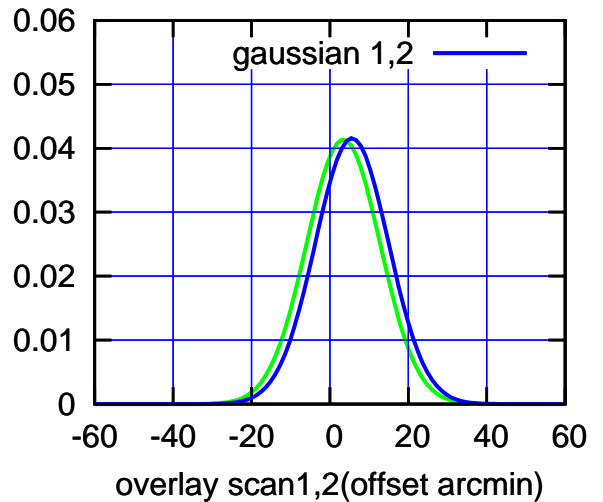
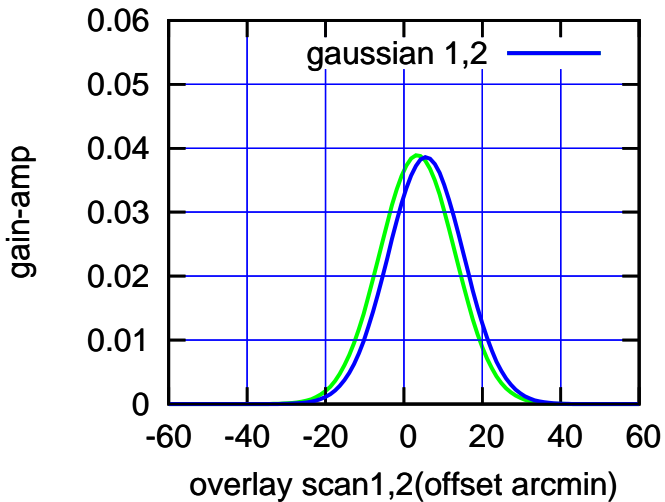
C01-175-EL OFF= 5.6' (22.0')



(-30'/m) 16May2023 13:38:30

BACKLASH ERROR= -2.2'

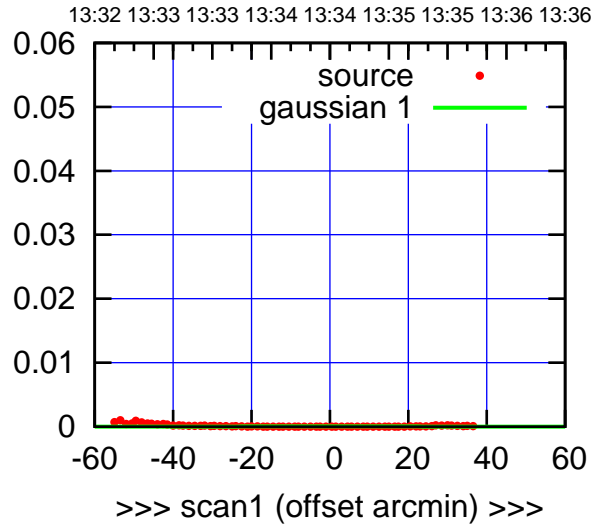
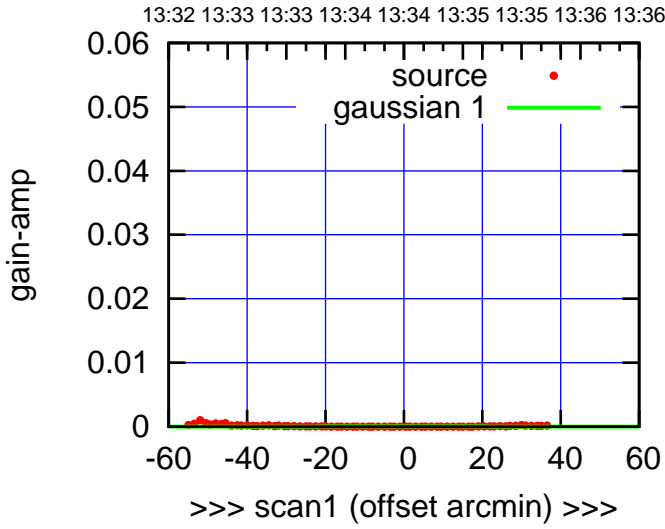
BACKLASH ERROR= -2.2'



(1460 MHz.)

C02-130-EL OFF= 0.0' (42.4')

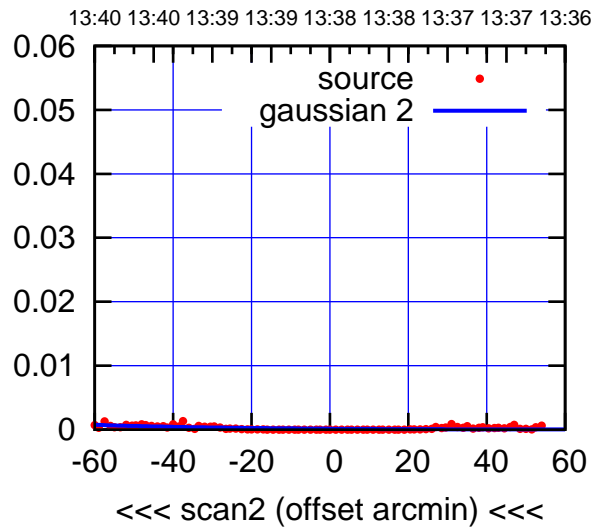
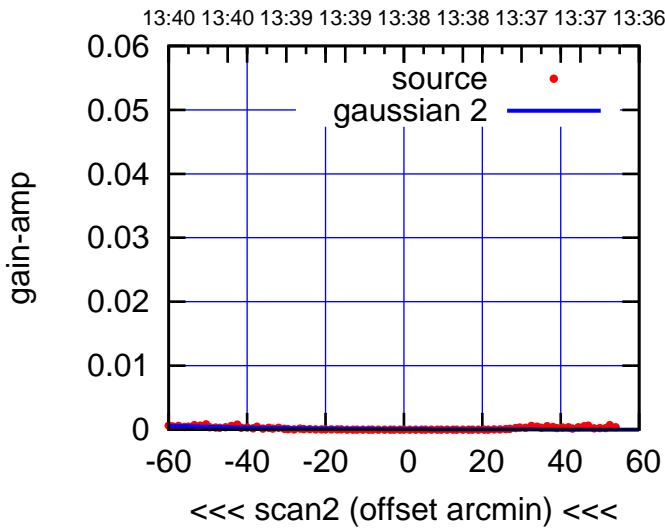
C02-175-EL OFF= 0.0' (42.4')



(+30'/m) 16May2023 13:34:30

C02-130-EL OFF= 0.0' (0.0')

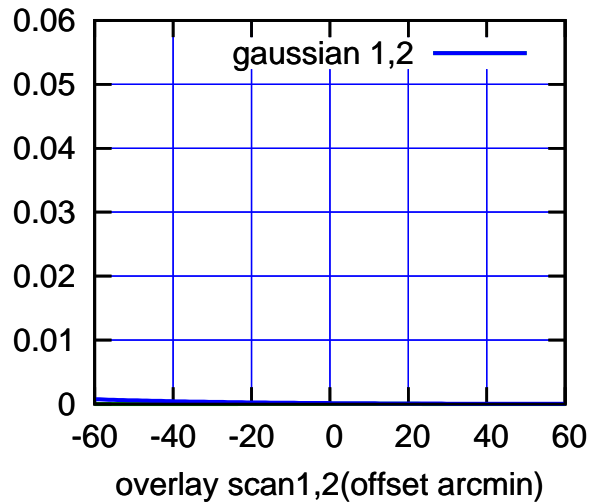
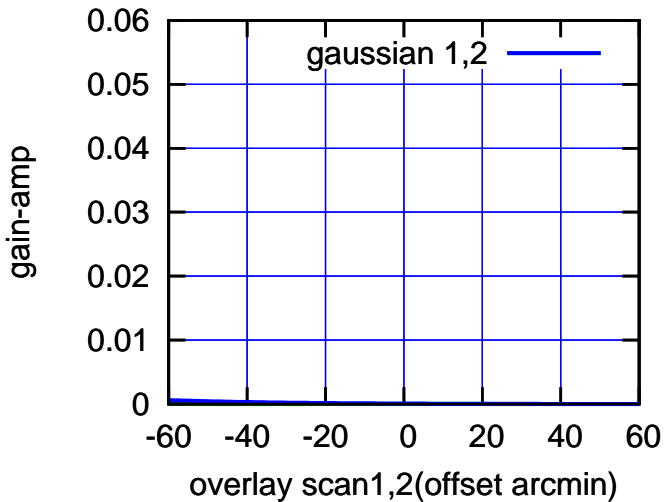
C02-175-EL OFF= 0.0' (0.0')



(-30'/m) 16May2023 13:38:30

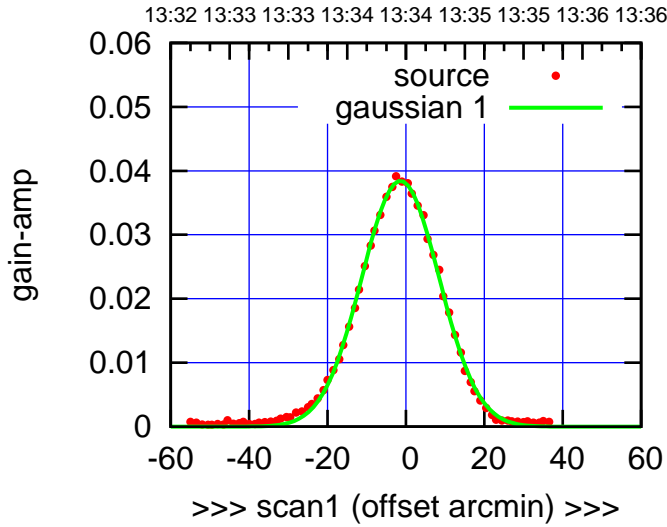
BACKLASH ERROR= 0.0'

BACKLASH ERROR= 0.0'

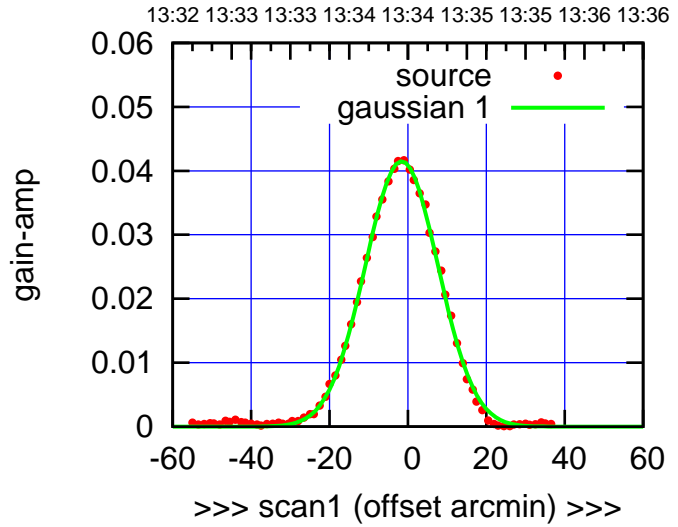


(1460 MHz.)

C03-130-EL OFF= -1.4' (23.2')

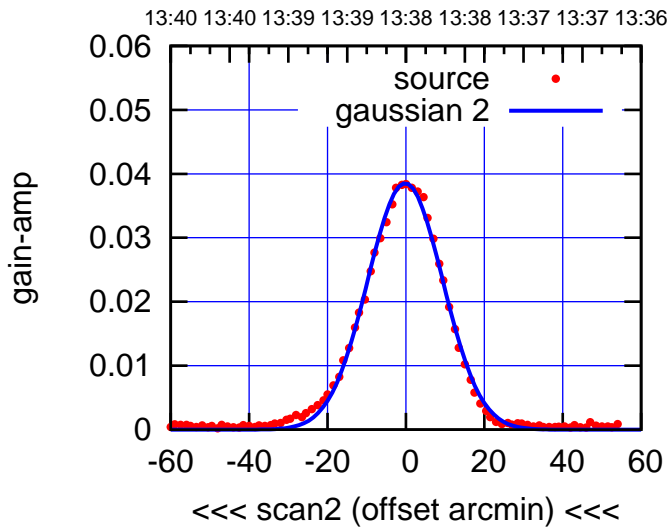


C03-175-EL OFF= -1.6' (21.9')

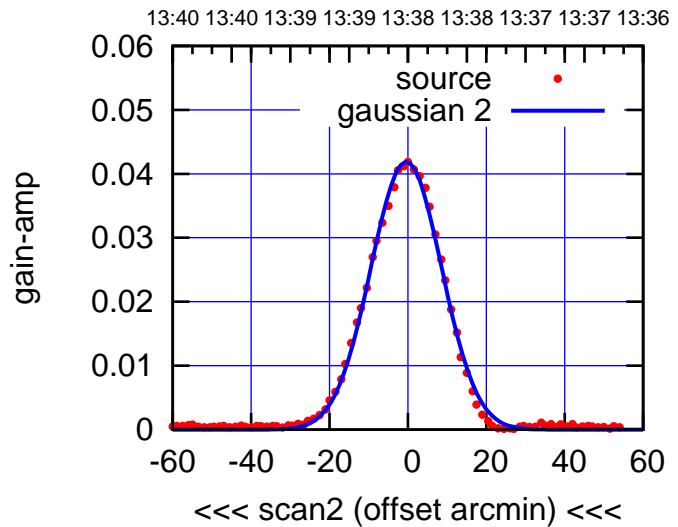


(+30'/m) 16May2023 13:34:30

C03-130-EL OFF= -0.2' (22.5')

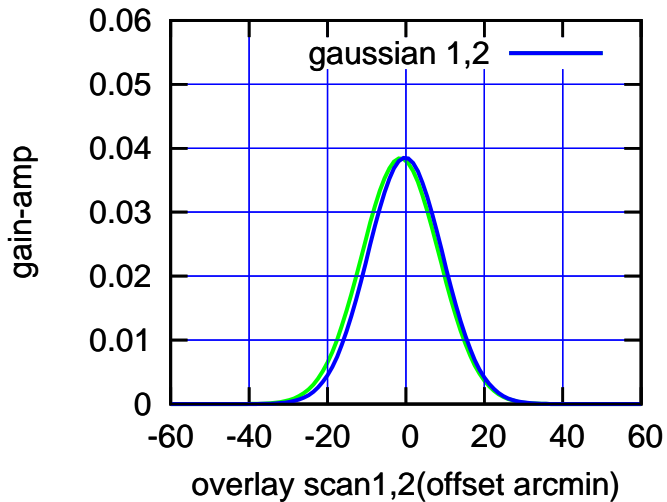


C03-175-EL OFF= -0.4' (21.2')

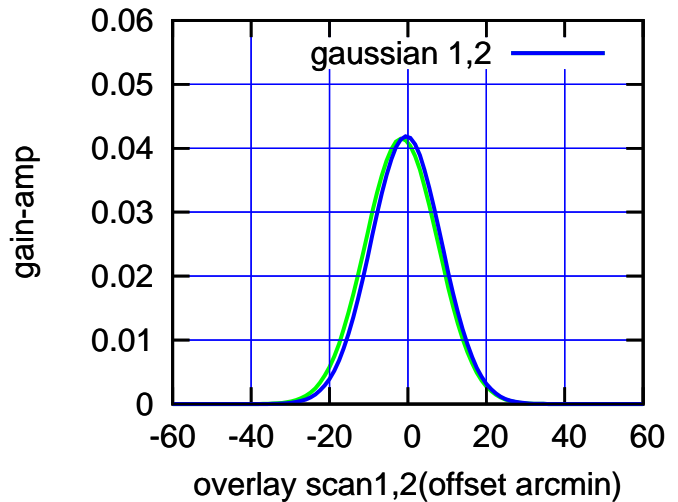


(-30'/m) 16May2023 13:38:30

BACKLASH ERROR= -1.2'



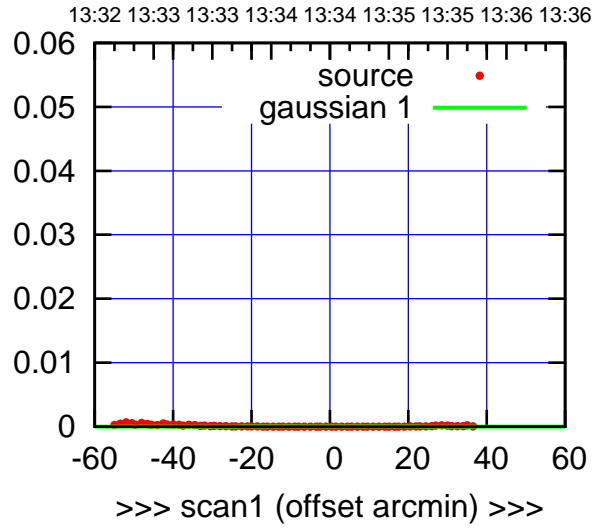
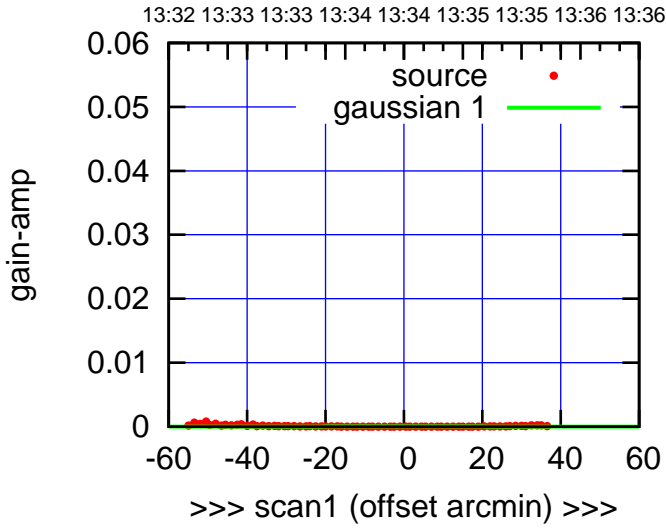
BACKLASH ERROR= -1.2'



(1460 MHz.)

C04-130-EL OFF= 0.0' (42.4')

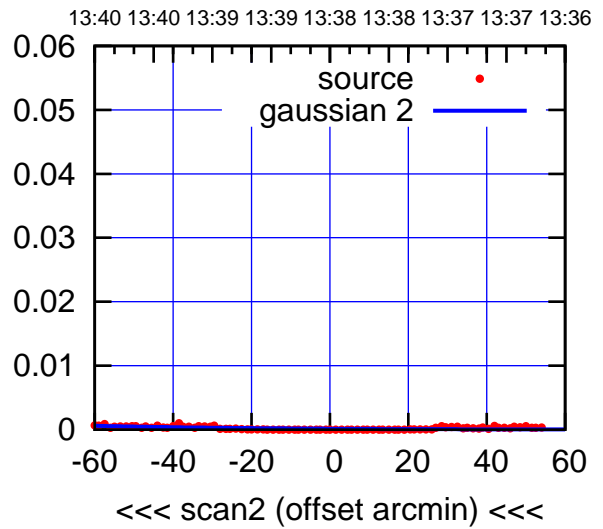
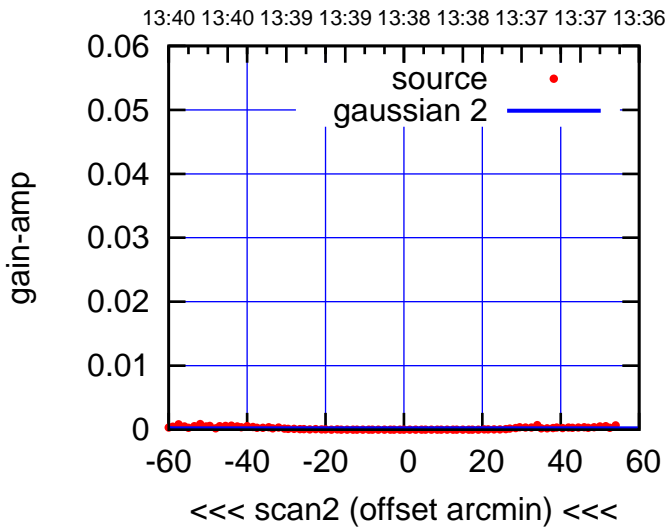
C04-175-EL OFF= 0.0' (42.4')



(+30'/m) 16May2023 13:34:30

C04-130-EL OFF= 0.0' (0.0')

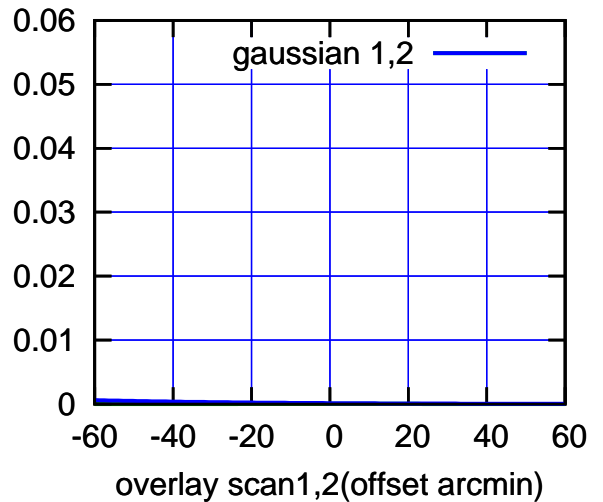
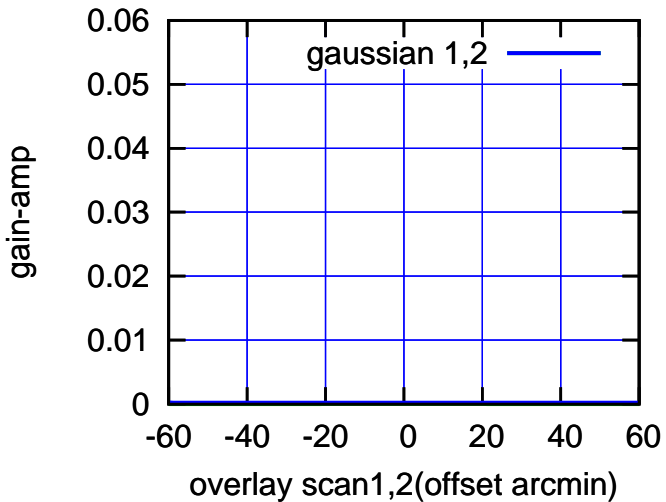
C04-175-EL OFF= 0.0' (0.0')



(-30'/m) 16May2023 13:38:30

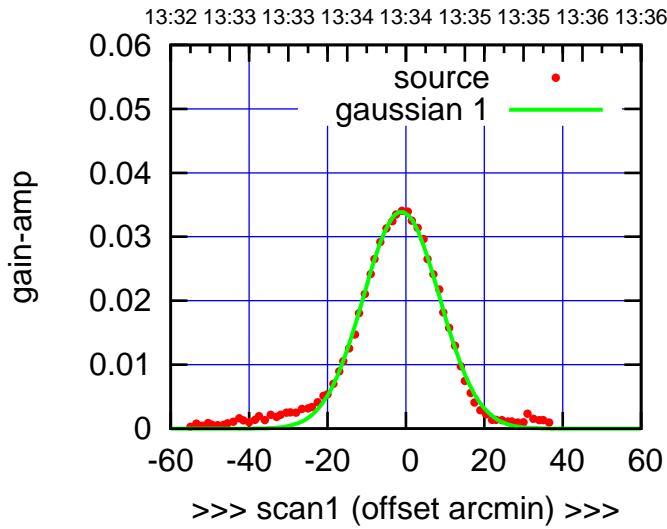
BACKLASH ERROR= 0.0'

BACKLASH ERROR= 0.0'

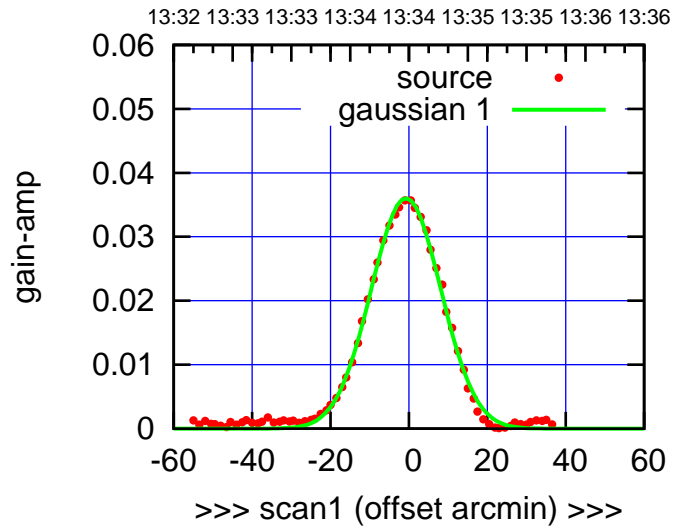


(1460 MHz.)

C05-130-EL OFF= -1.1' (22.9')

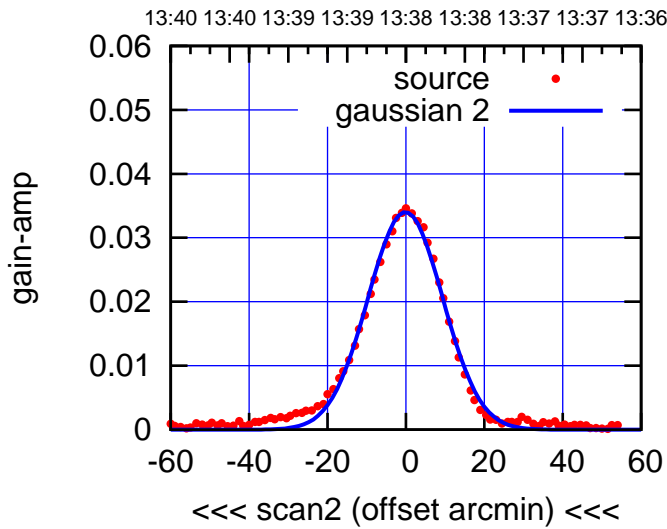


C05-175-EL OFF= -0.7' (20.8')

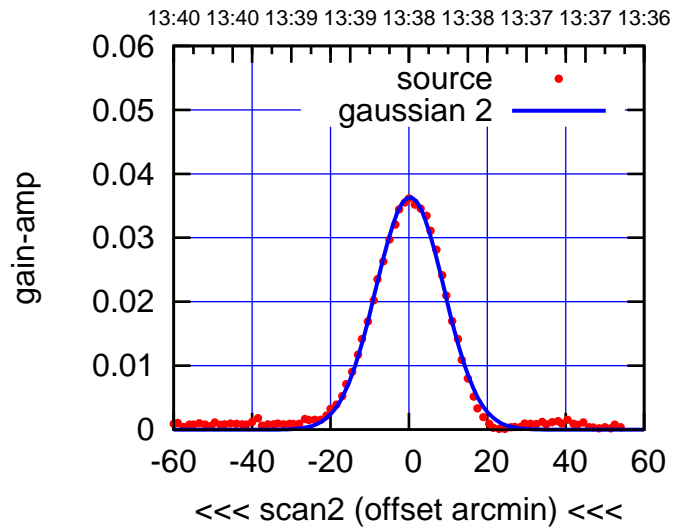


(+30'/m) 16May2023 13:34:30

C05-130-EL OFF= -0.1' (22.4')

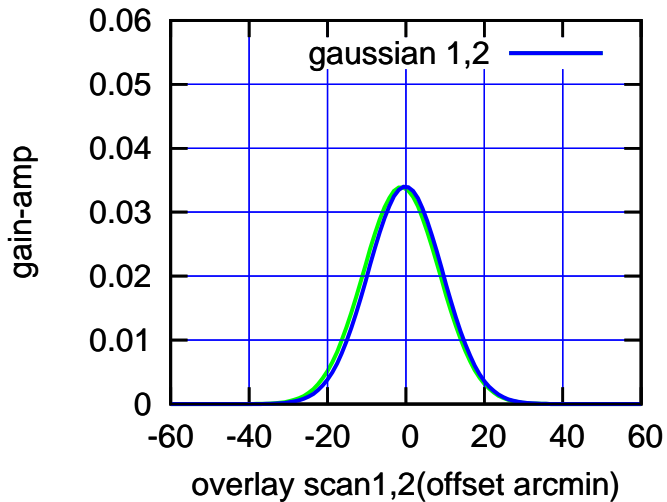


C05-175-EL OFF= 0.3' (20.5')

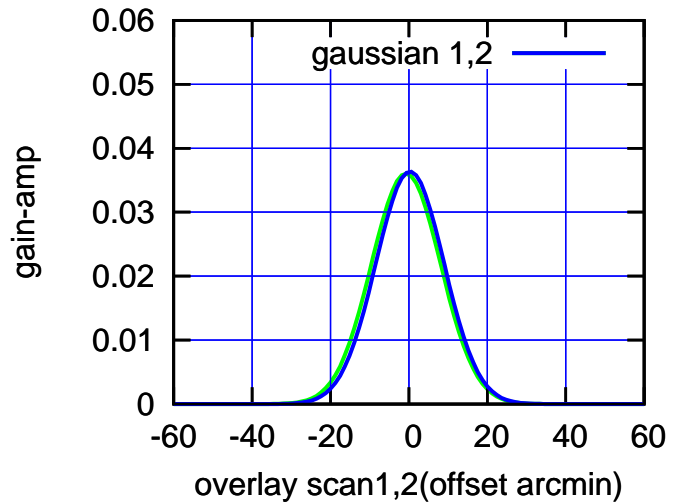


(-30'/m) 16May2023 13:38:30

BACKLASH ERROR= -1.0'



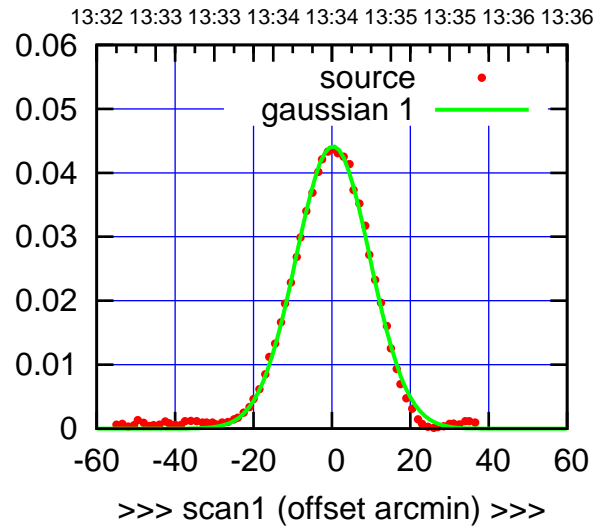
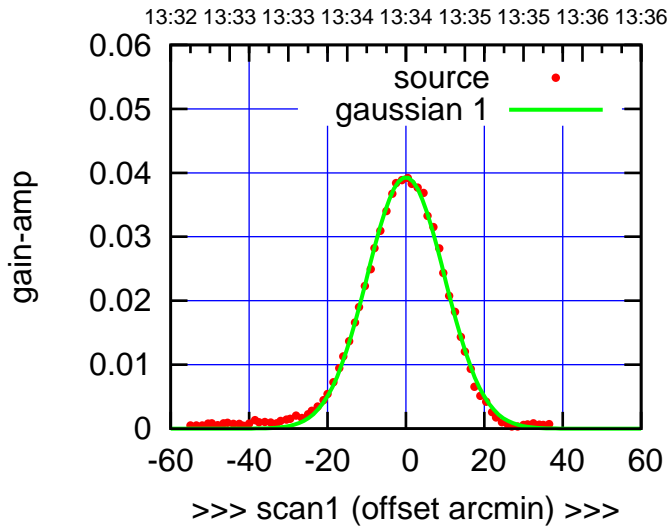
BACKLASH ERROR= -1.0'



(1460 MHz.)

C06-130-EL OFF= -0.0' (23.3')

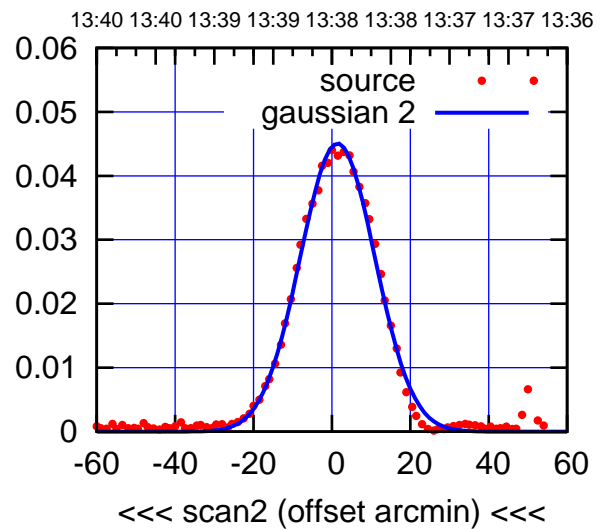
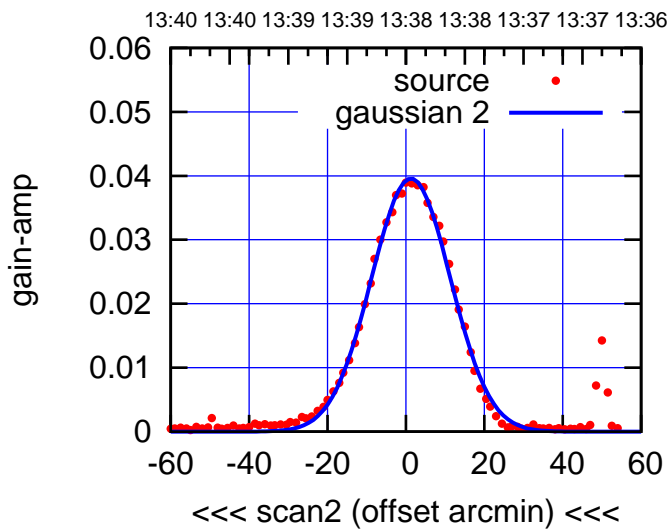
C06-175-EL OFF= 0.3' (22.2')



(+30'/m) 16May2023 13:34:30

C06-130-EL OFF= 1.3' (23.7')

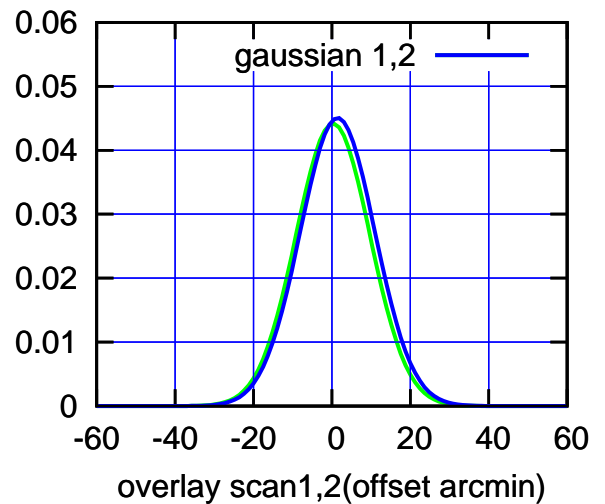
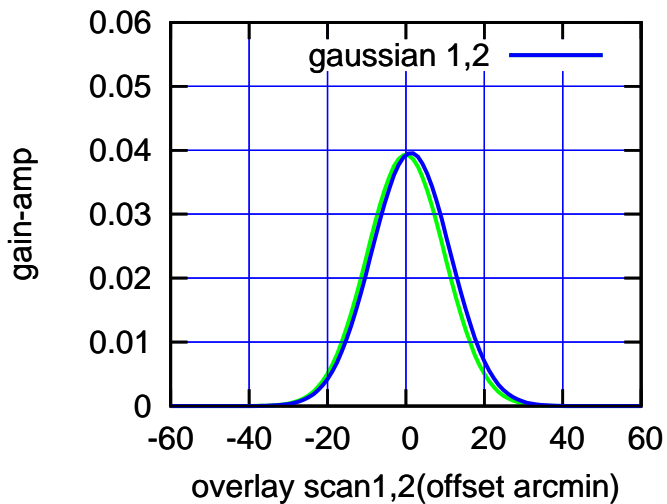
C06-175-EL OFF= 1.4' (22.4')



(-30'/m) 16May2023 13:38:30

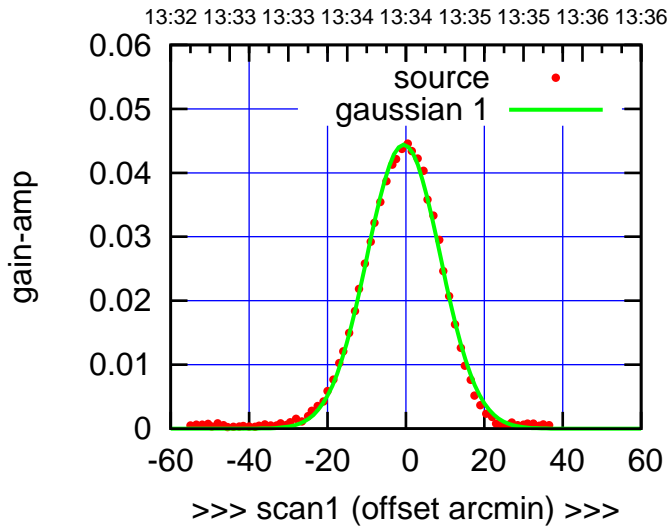
BACKLASH ERROR= -1.3'

BACKLASH ERROR= -1.1'

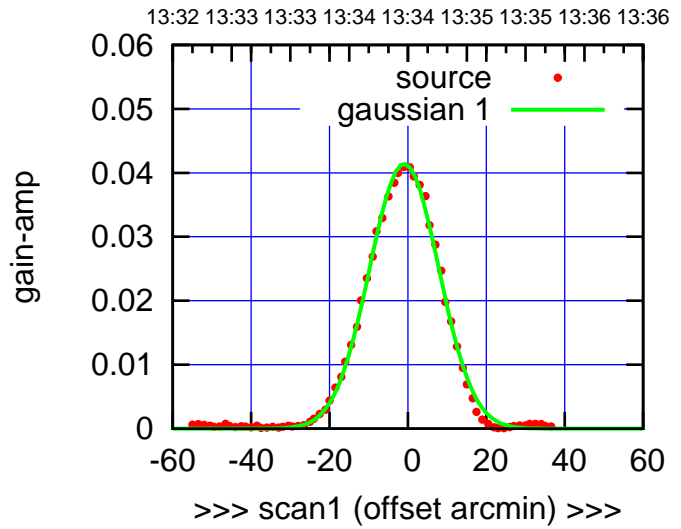


(1460 MHz.)

C08-130-EL OFF= -0.6' (22.0')

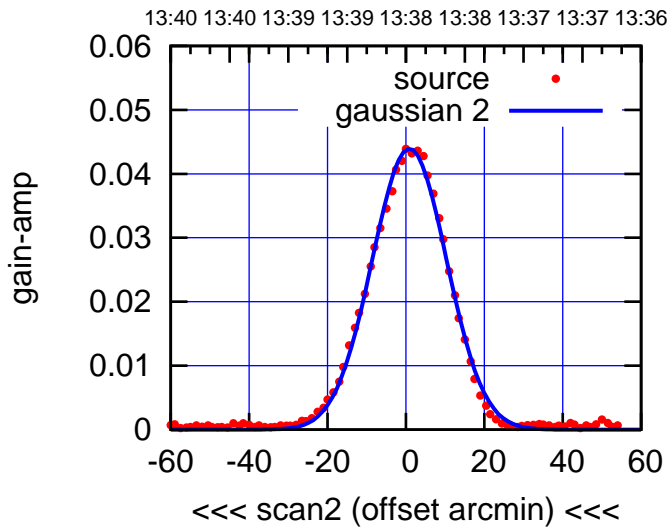


C08-175-EL OFF= -0.9' (20.8')

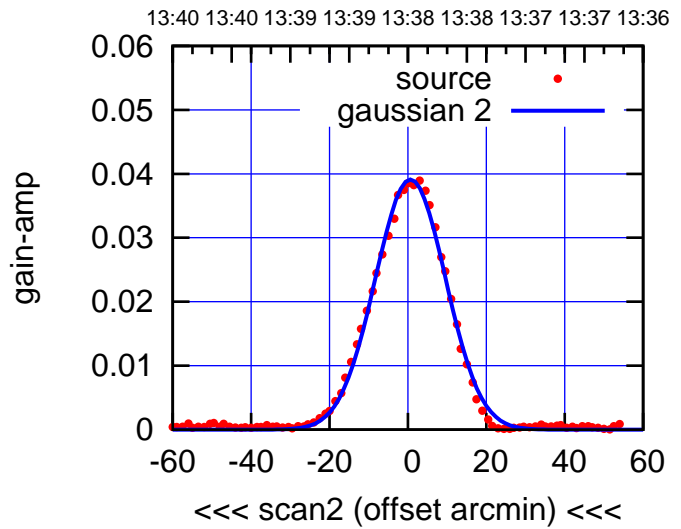


(+30'/m) 16May2023 13:34:30

C08-130-EL OFF= 0.9' (22.3')

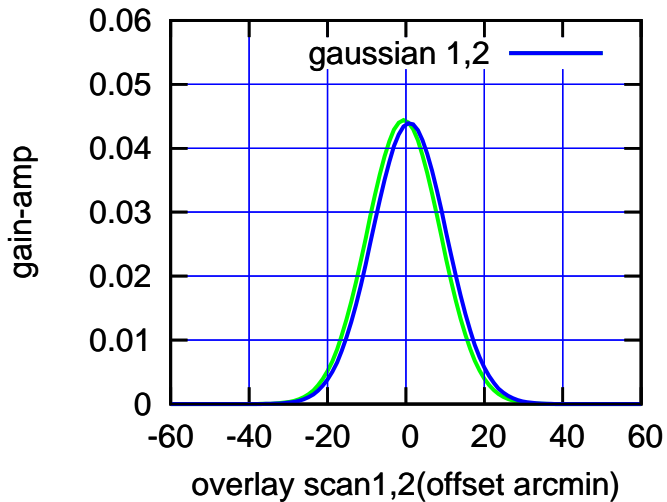


C08-175-EL OFF= 0.7' (21.0')

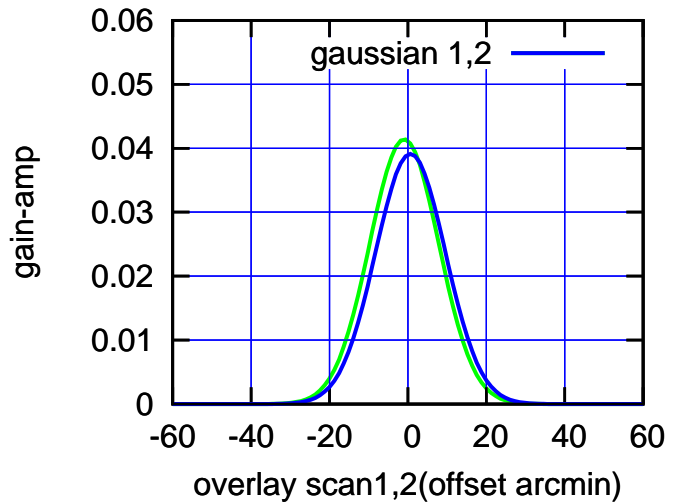


(-30'/m) 16May2023 13:38:30

BACKLASH ERROR= -1.5'

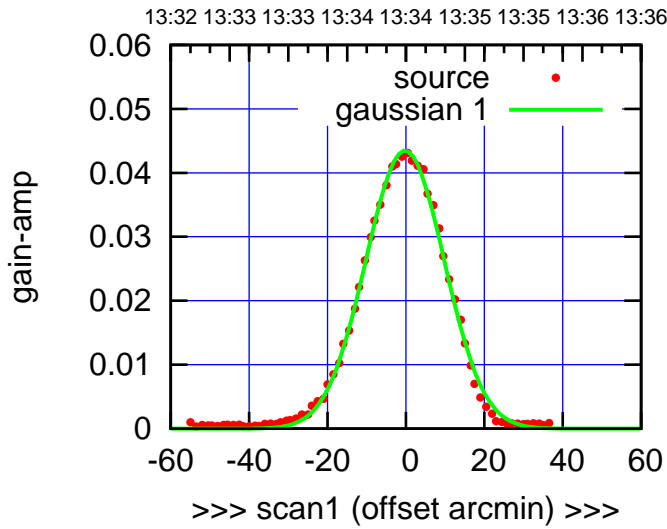


BACKLASH ERROR= -1.6'

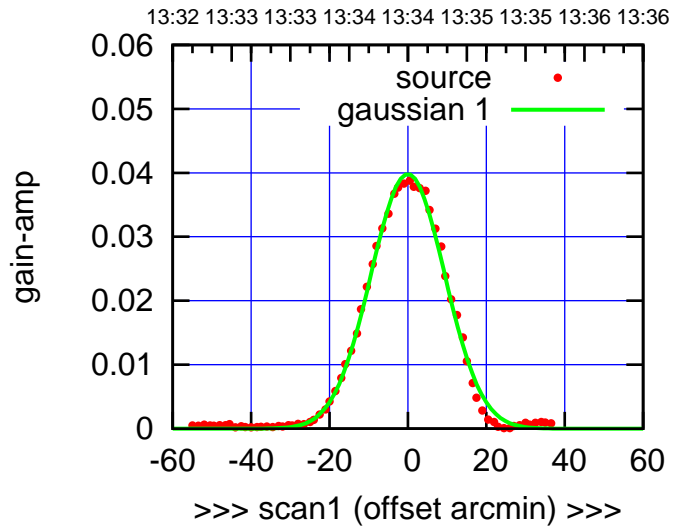


(1460 MHz.)

C09-130-EL OFF= -0.2' (23.5')

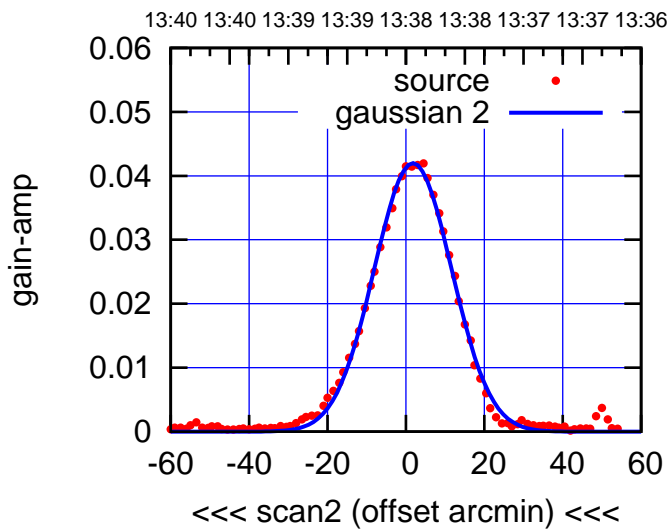


C09-175-EL OFF= -0.0' (22.1')

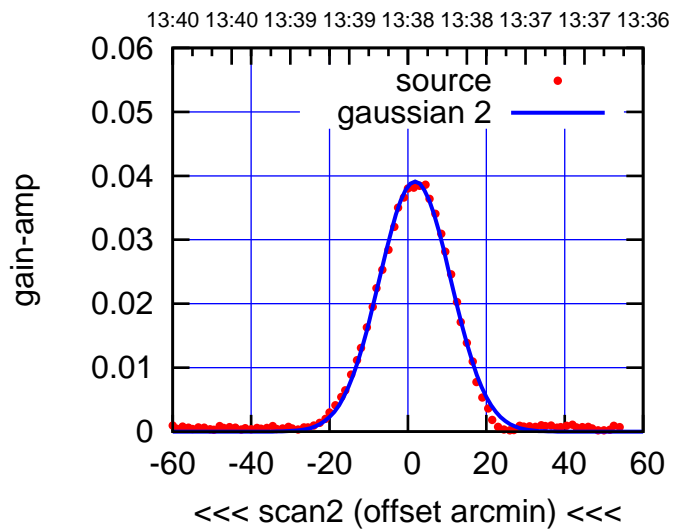


(+30'/m) 16May2023 13:34:30

C09-130-EL OFF= 1.8' (23.2')

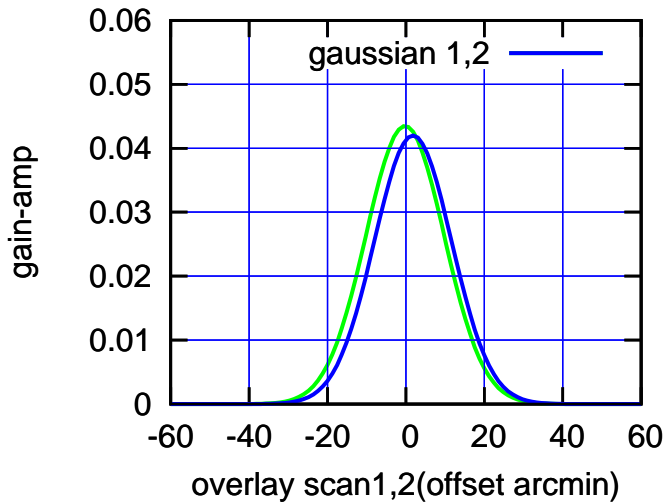


C09-175-EL OFF= 1.8' (21.6')

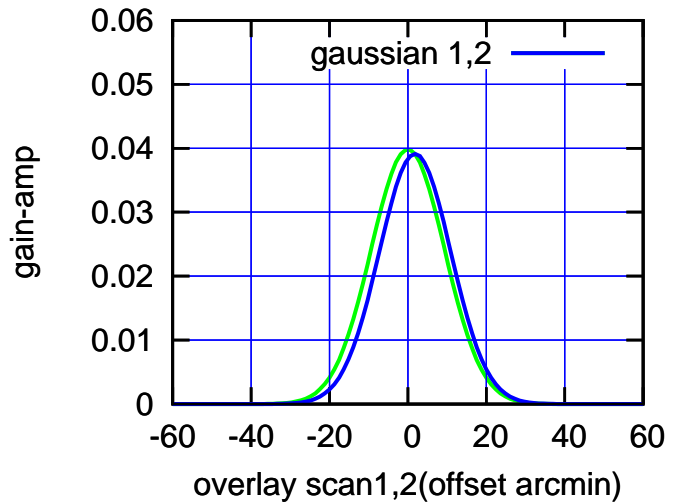


(-30'/m) 16May2023 13:38:30

BACKLASH ERROR= -2.0'

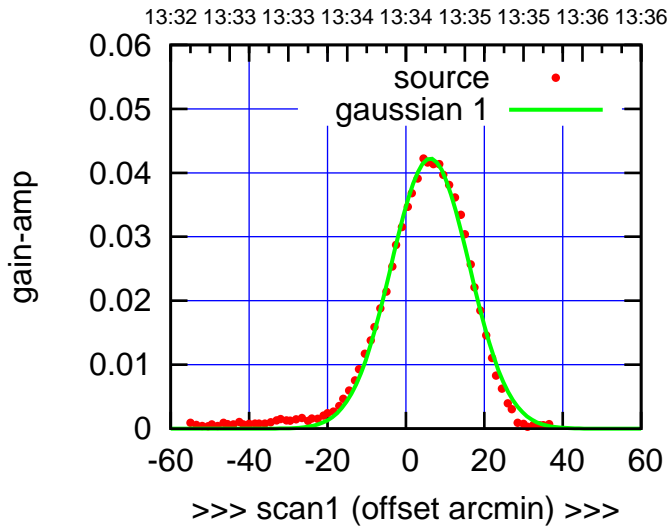


BACKLASH ERROR= -1.8'

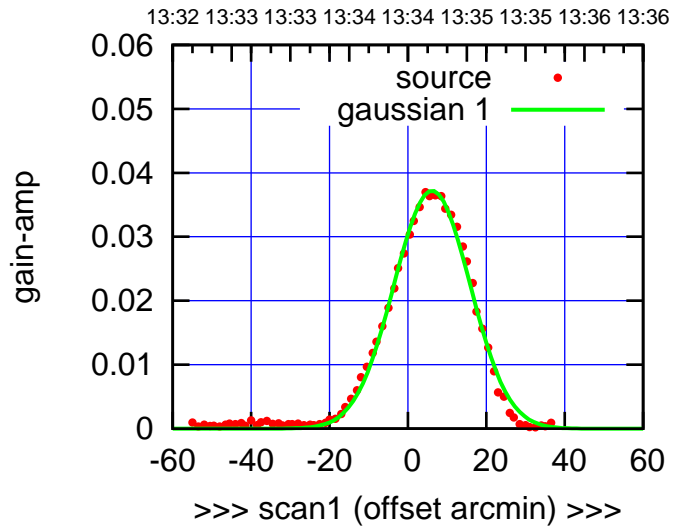


(1460 MHz.)

C10-130-EL OFF= 6.2' (23.4')

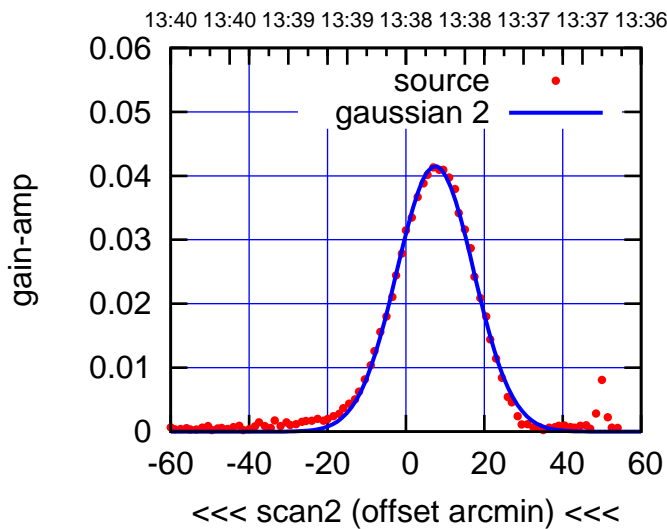


C10-175-EL OFF= 6.2' (22.8')

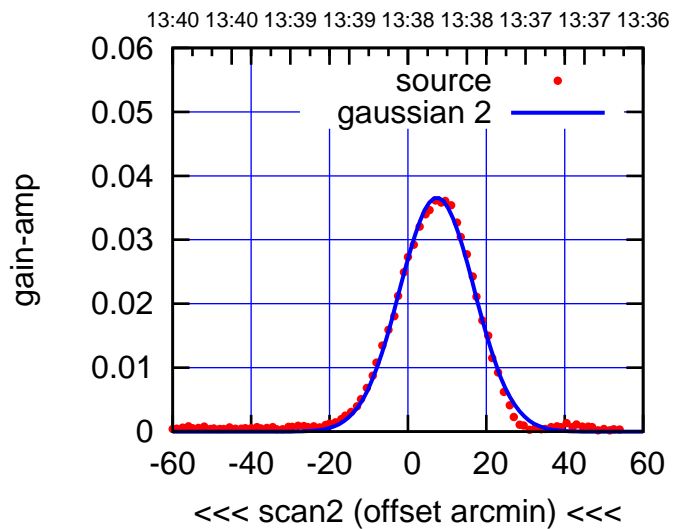


(+30'/m) 16May2023 13:34:30

C10-130-EL OFF= 7.5' (23.0')

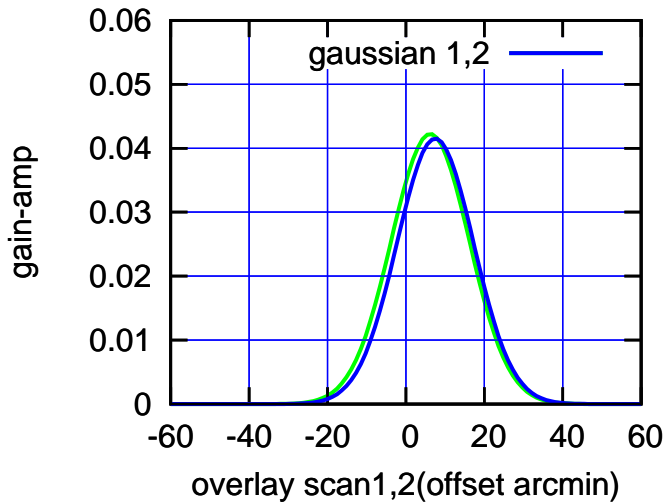


C10-175-EL OFF= 7.4' (22.4')

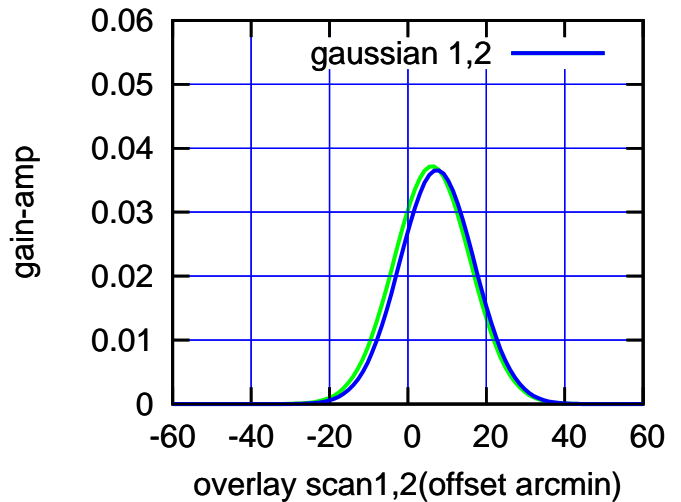


(-30'/m) 16May2023 13:38:30

BACKLASH ERROR= -1.3'



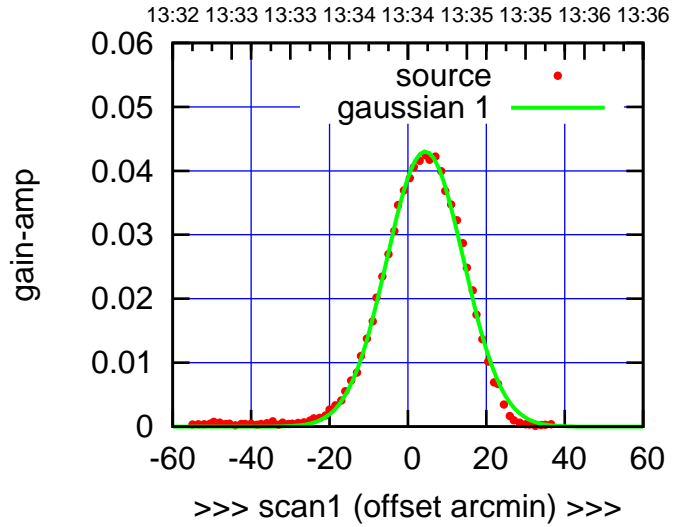
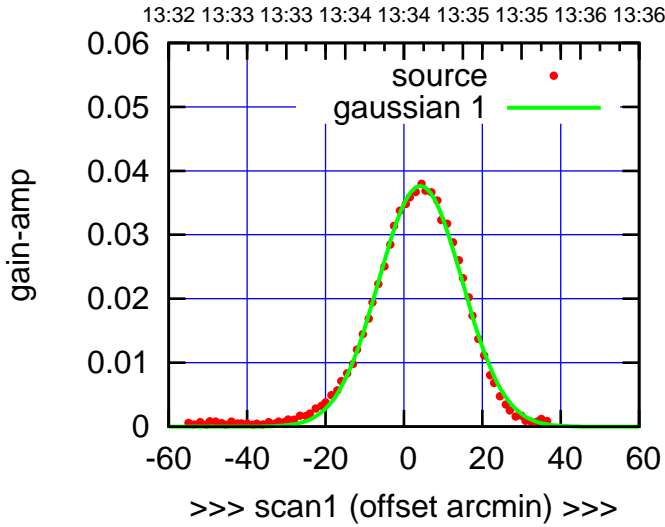
BACKLASH ERROR= -1.2'



(1460 MHz.)

C11-130-EL OFF= 4.2' (25.0')

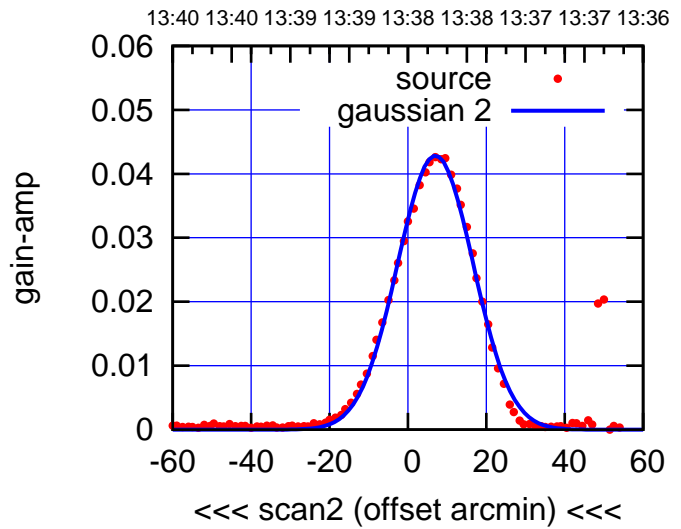
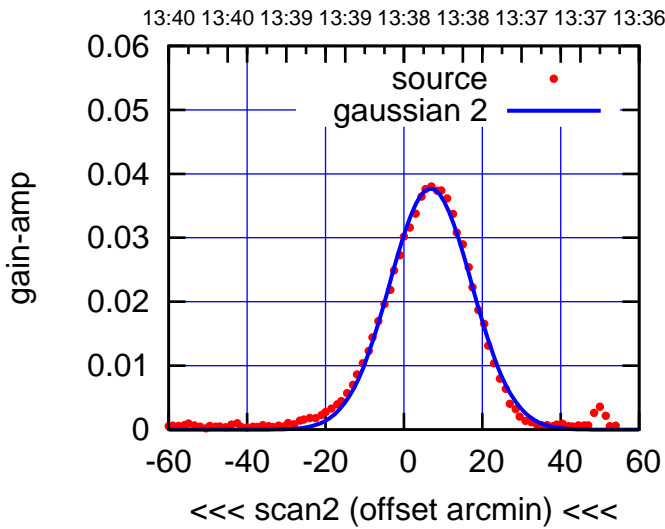
C11-175-EL OFF= 4.4' (23.0')



(+30'/m) 16May2023 13:34:30

C11-130-EL OFF= 6.8' (24.6')

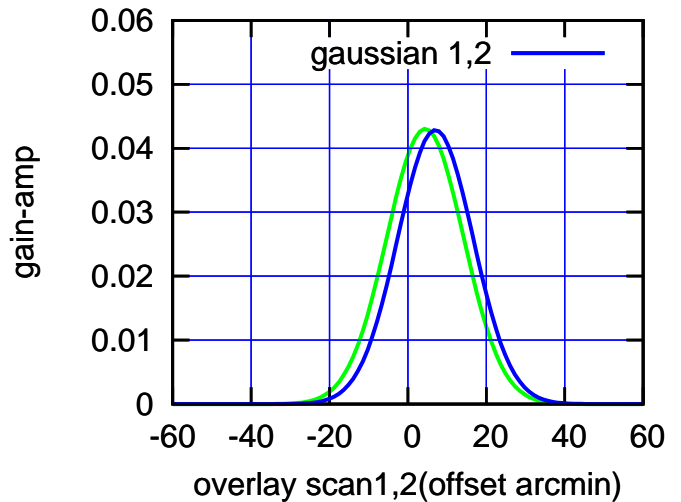
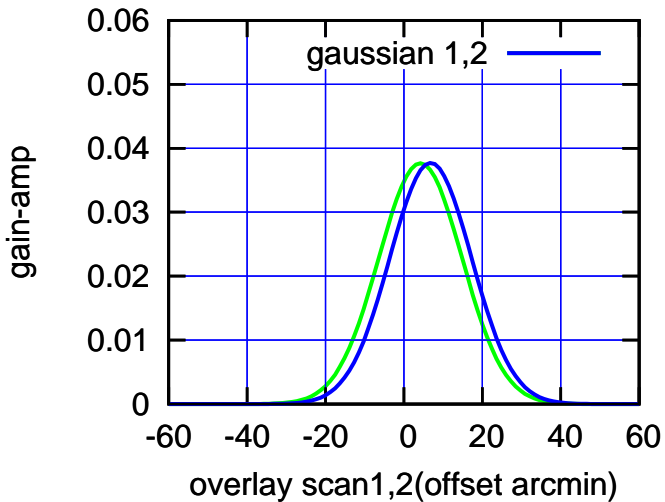
C11-175-EL OFF= 7.0' (22.6')



(-30'/m) 16May2023 13:38:30

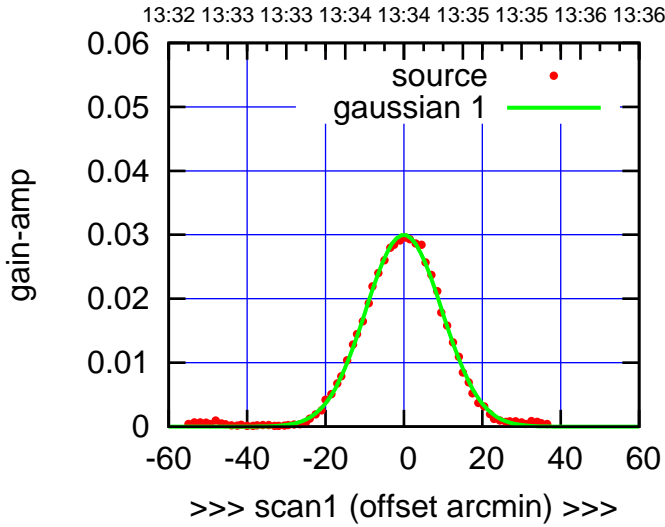
BACKLASH ERROR= -2.6'

BACKLASH ERROR= -2.6'

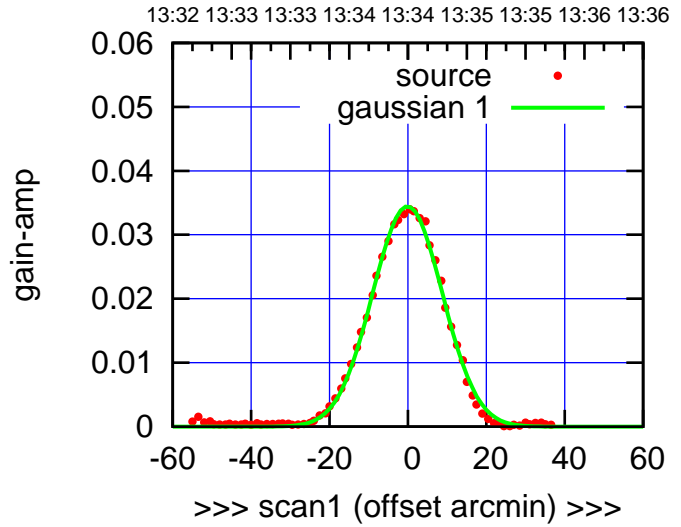


(1460 MHz.)

C12-130-EL OFF= -0.0' (22.9')

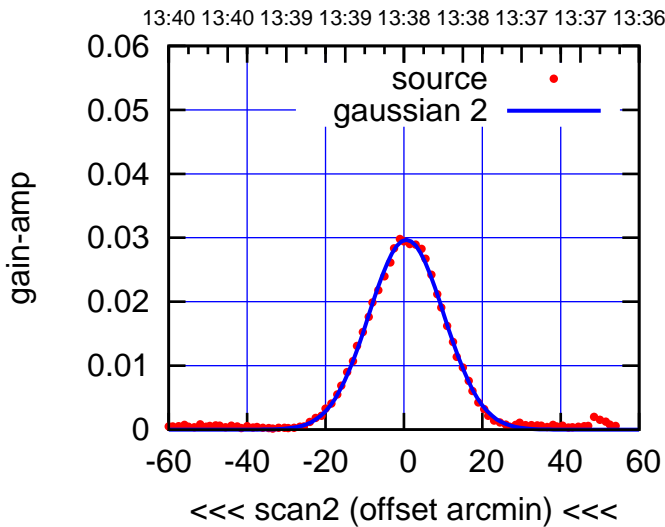


C12-175-EL OFF= -0.1' (20.9')

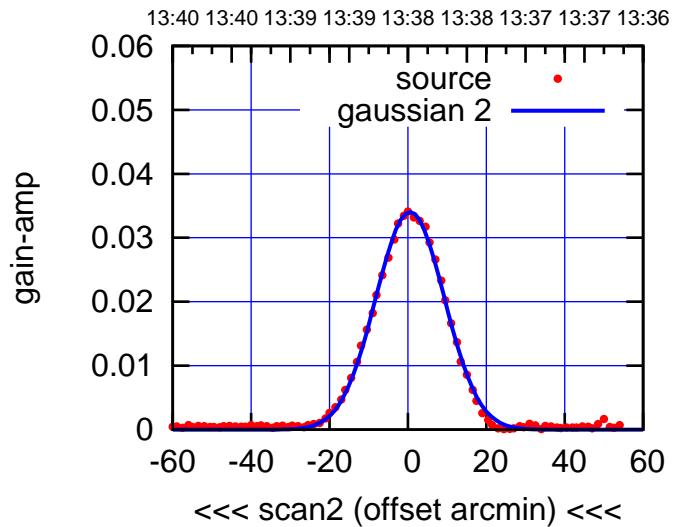


(+30'/m) 16May2023 13:34:30

C12-130-EL OFF= 0.6' (22.5')

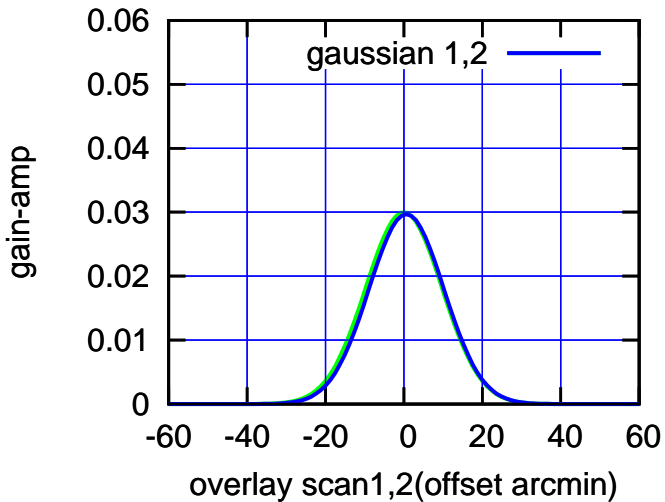


C12-175-EL OFF= 0.6' (20.6')

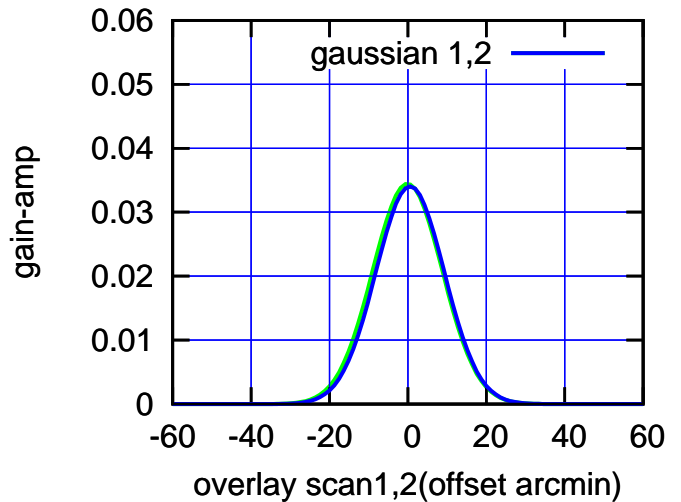


(-30'/m) 16May2023 13:38:30

BACKLASH ERROR= -0.6'

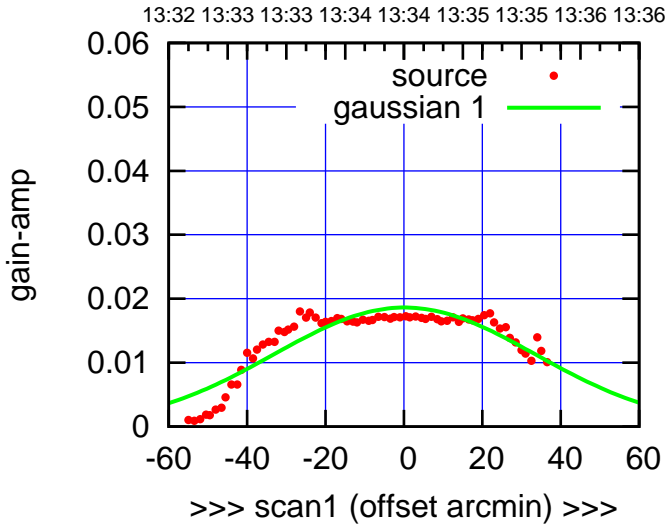


BACKLASH ERROR= -0.7'

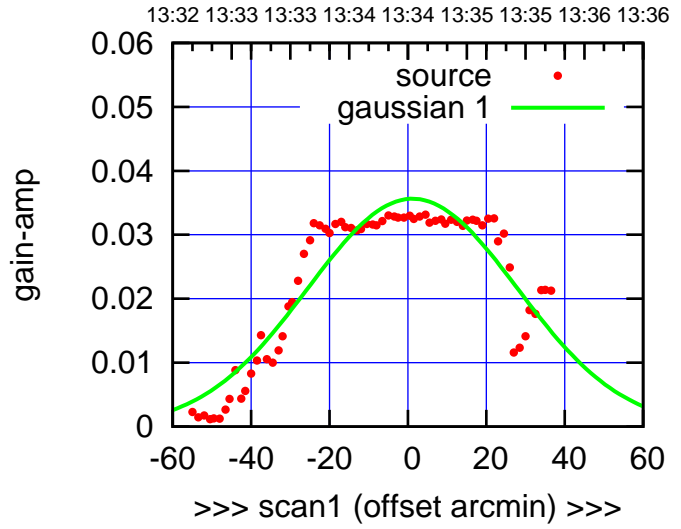


(1460 MHz.)

C13-130-EL OFF= 0.2' (78.6')

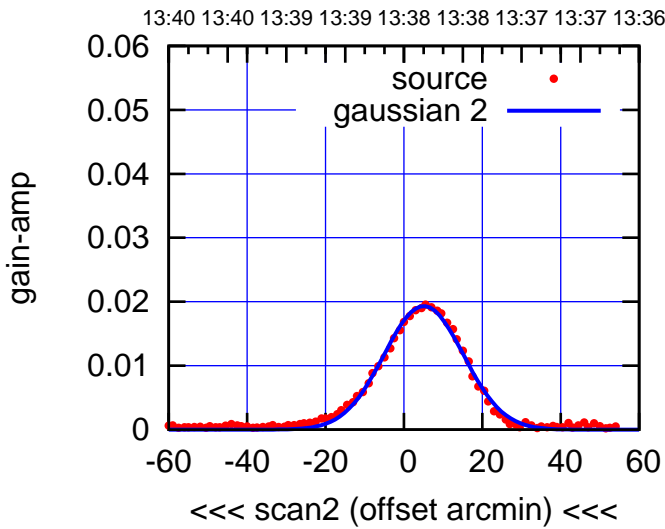


C13-175-EL OFF= 1.2' (63.0')

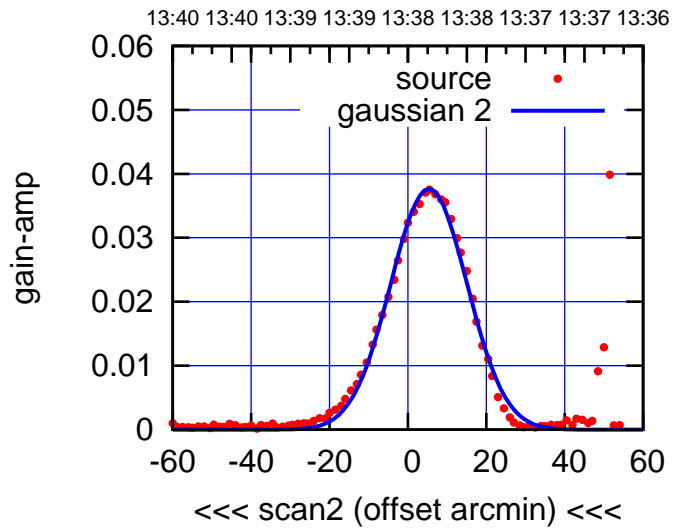


(+30'/m) 16May2023 13:34:30

C13-130-EL OFF= 5.1' (23.8')

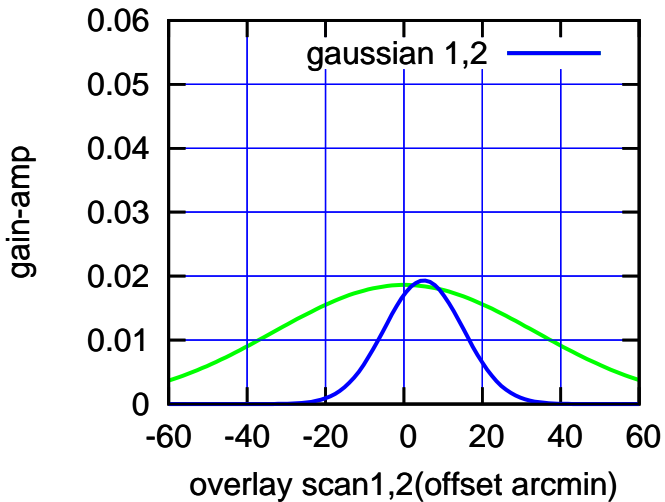


C13-175-EL OFF= 5.3' (22.9')

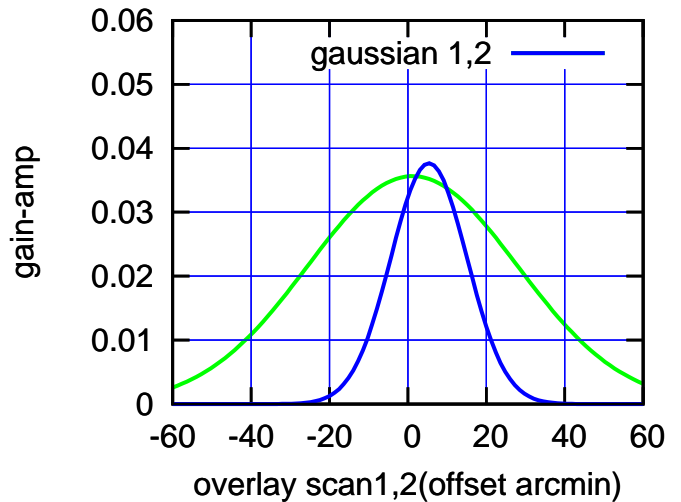


(-30'/m) 16May2023 13:38:30

BACKLASH ERROR= -4.9'



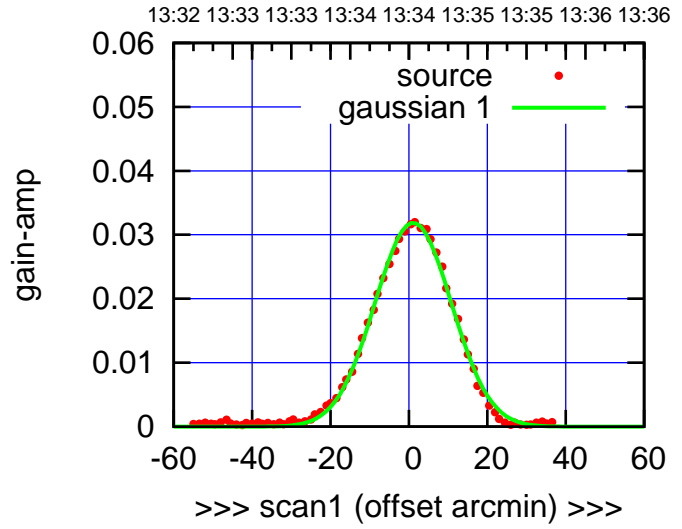
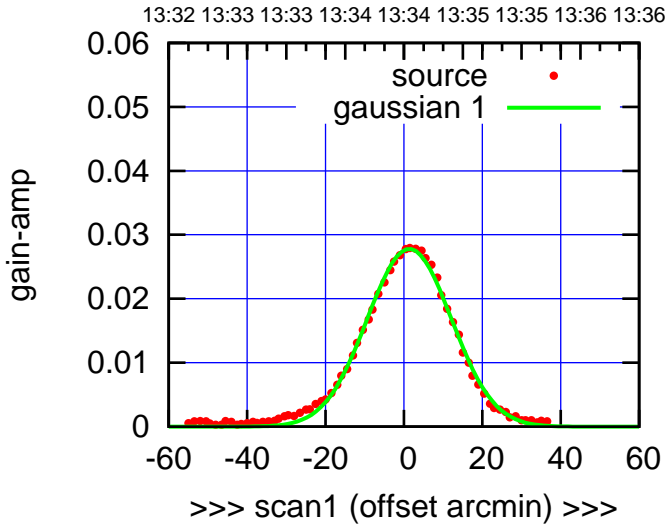
BACKLASH ERROR= -4.1'



(1460 MHz.)

C14-130-EL OFF= 1.4' (25.3')

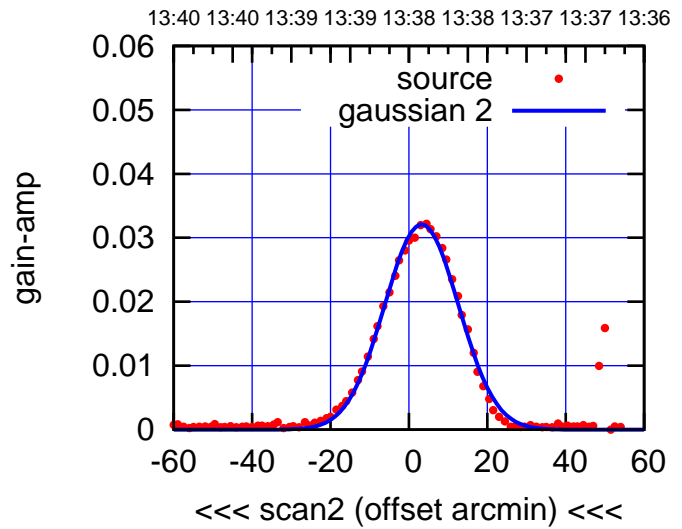
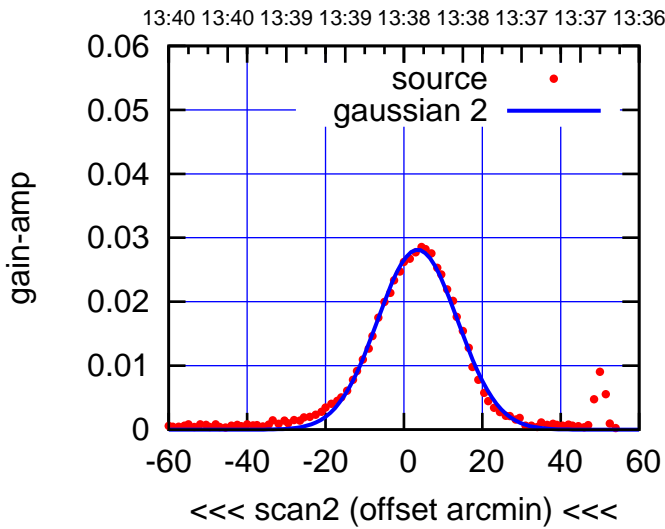
C14-175-EL OFF= 1.1' (23.0')



(+30'/m) 16May2023 13:34:30

C14-130-EL OFF= 3.5' (24.1')

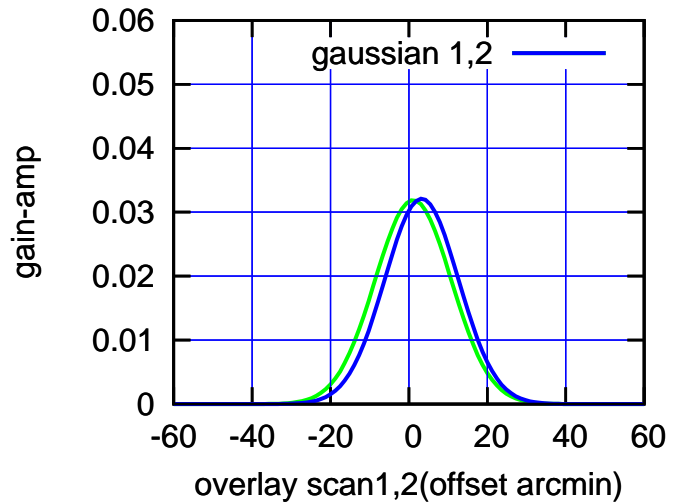
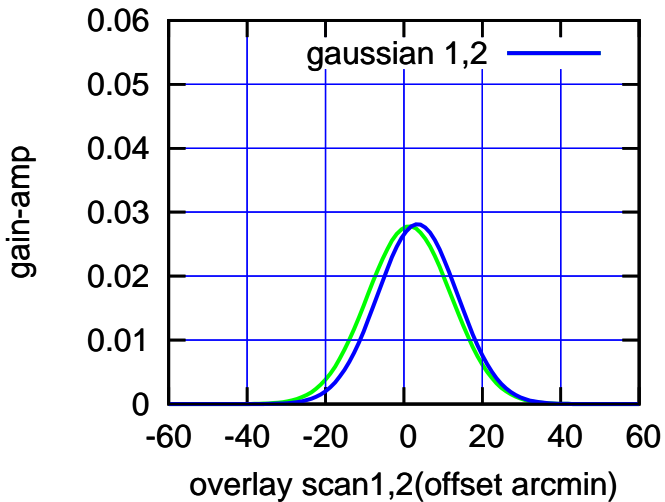
C14-175-EL OFF= 3.2' (22.2')



(-30'/m) 16May2023 13:38:30

BACKLASH ERROR= -2.1'

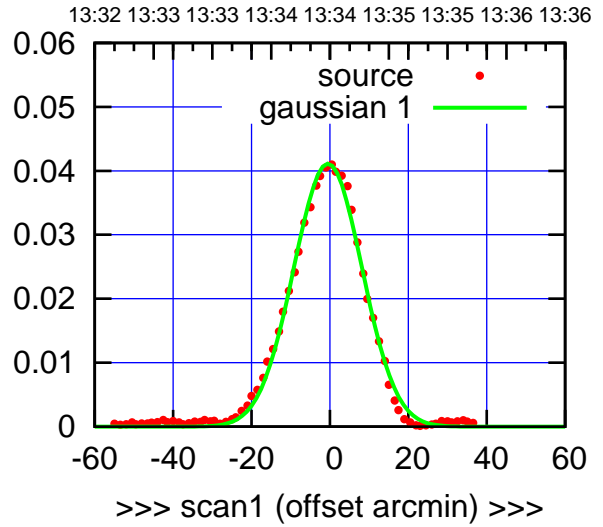
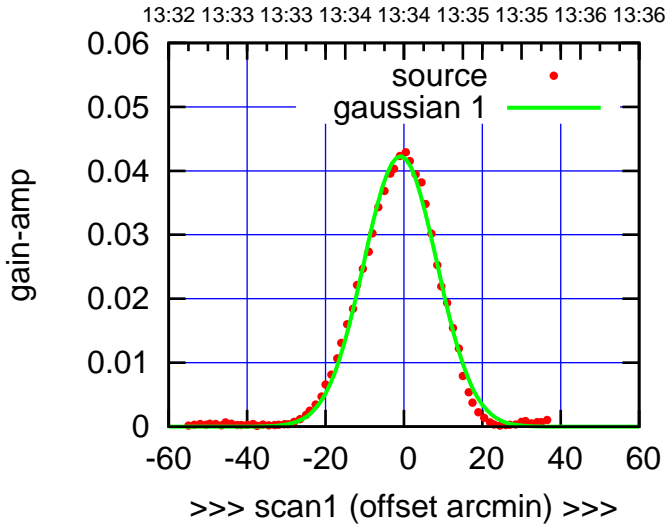
BACKLASH ERROR= -2.1'



(1460 MHz.)

E02-130-EL OFF= -0.9' (21.9')

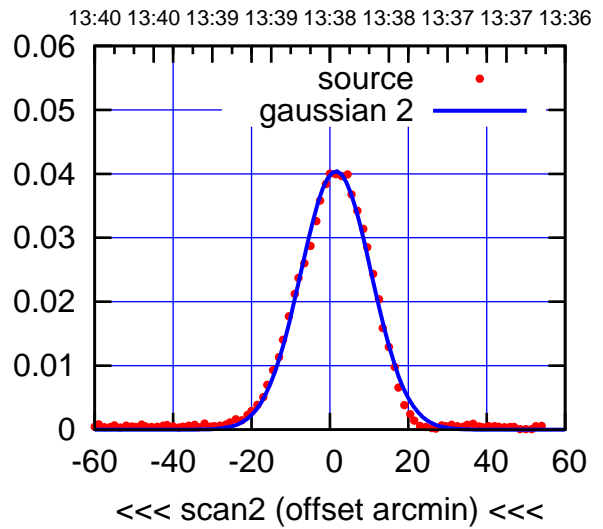
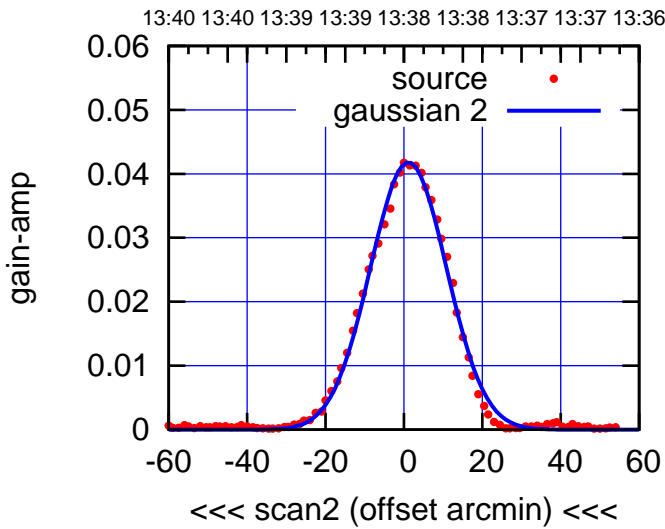
E02-175-EL OFF= -0.5' (20.4')



(+30'/m) 16May2023 13:34:30

E02-130-EL OFF= 1.2' (22.8')

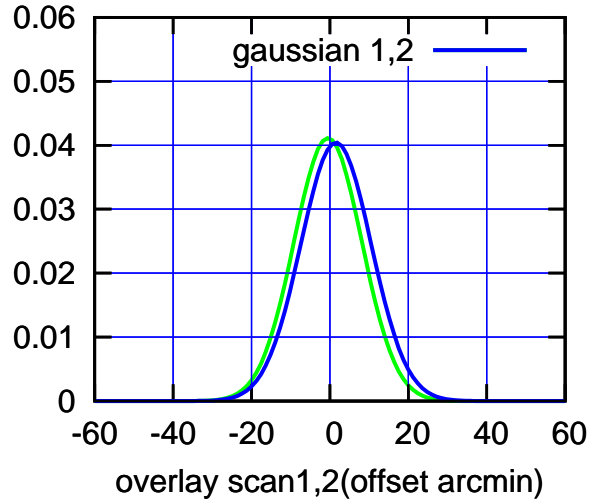
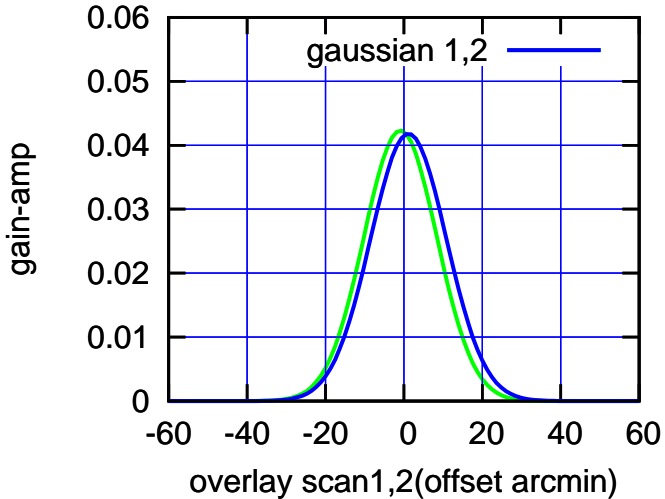
E02-175-EL OFF= 1.6' (21.2')



(-30'/m) 16May2023 13:38:30

BACKLASH ERROR= -2.1'

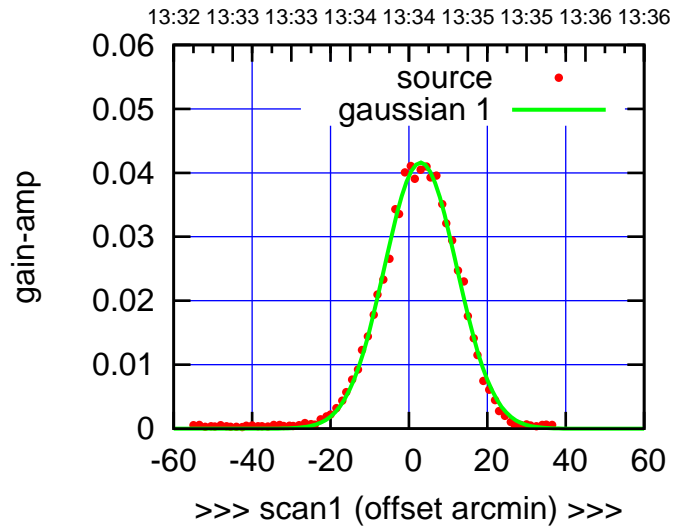
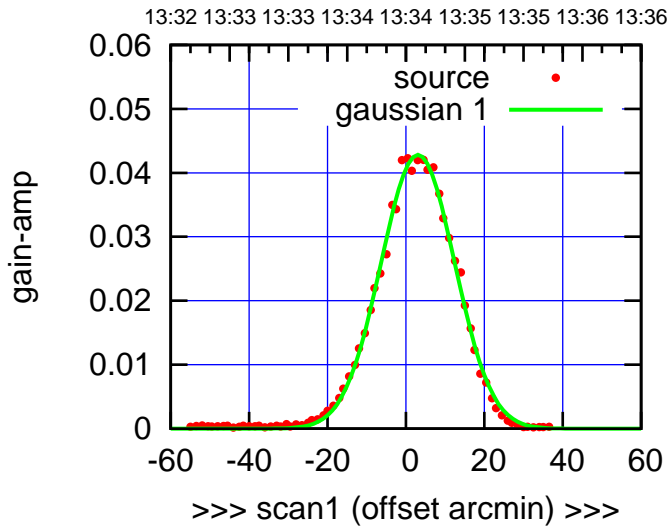
BACKLASH ERROR= -2.1'



(1460 MHz.)

E03-130-EL OFF= 3.1' (22.1')

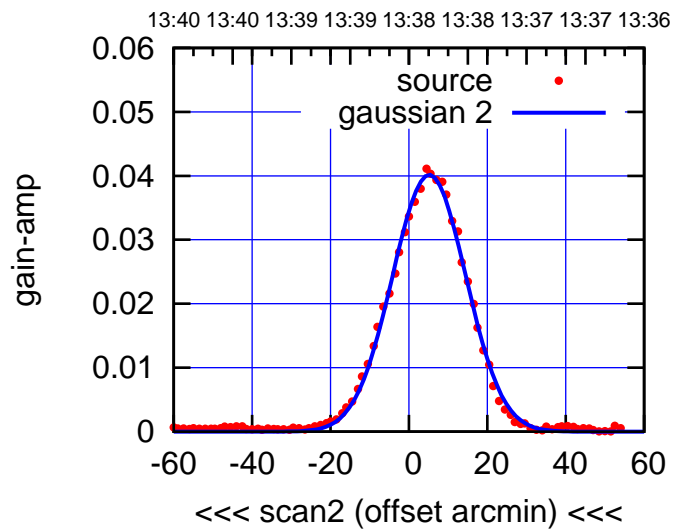
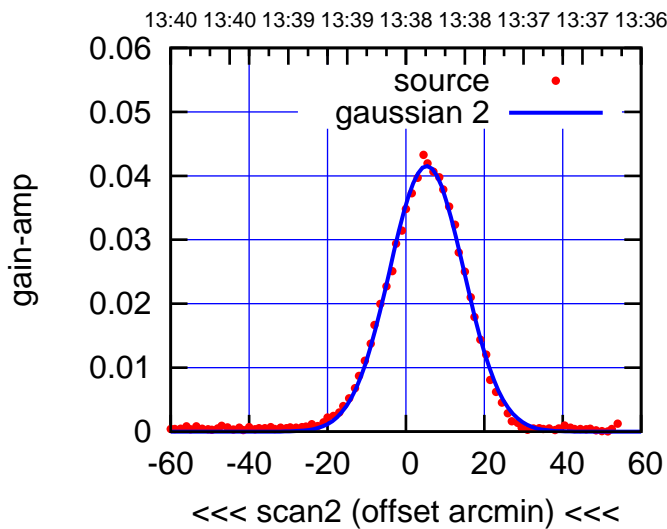
E03-175-EL OFF= 3.0' (21.8')



(+30'/m) 16May2023 13:34:30

E03-130-EL OFF= 5.3' (22.3')

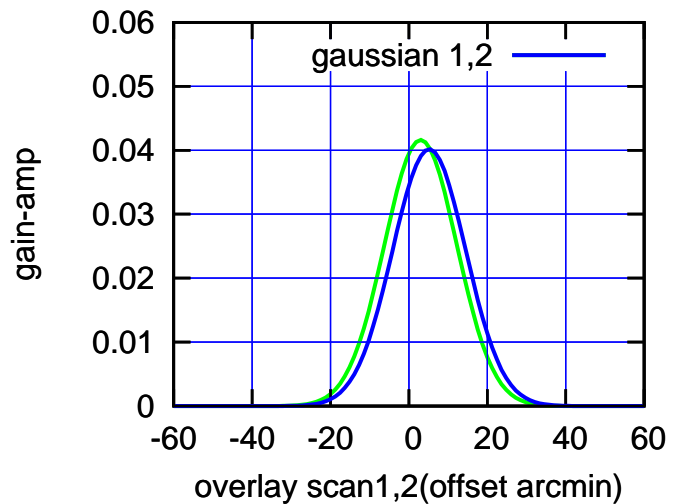
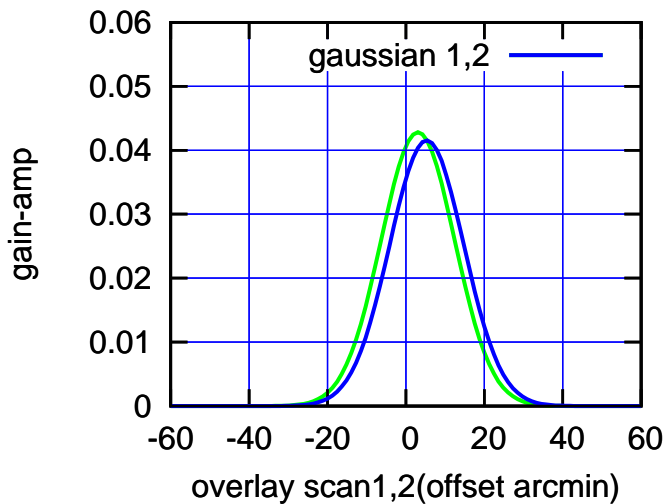
E03-175-EL OFF= 5.2' (22.0')



(-30'/m) 16May2023 13:38:30

BACKLASH ERROR= -2.2'

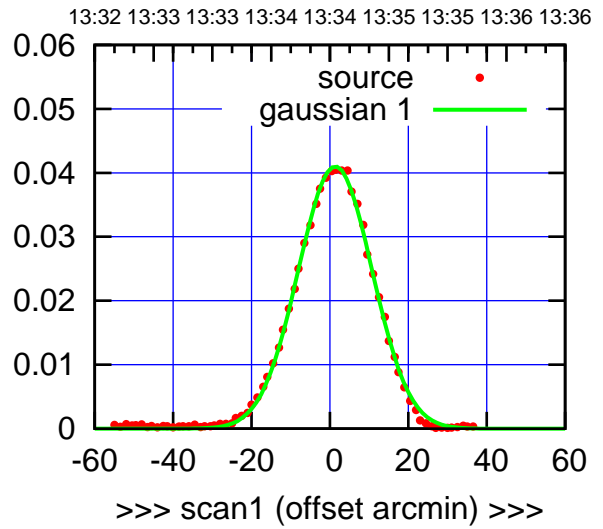
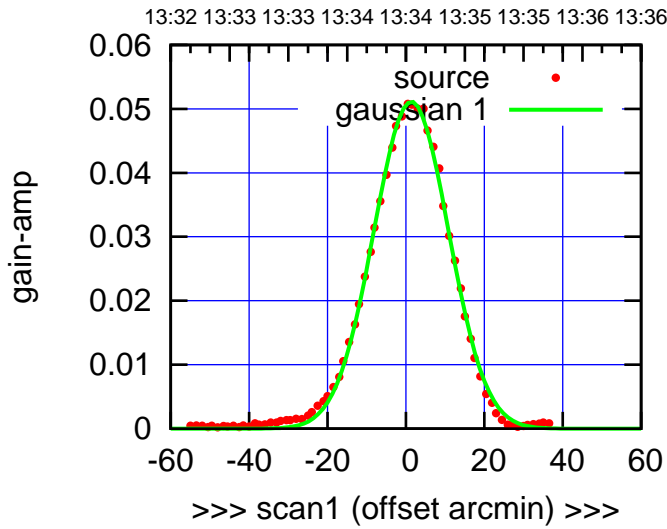
BACKLASH ERROR= -2.2'



(1460 MHz.)

E04-130-EL OFF= 1.4' (22.4')

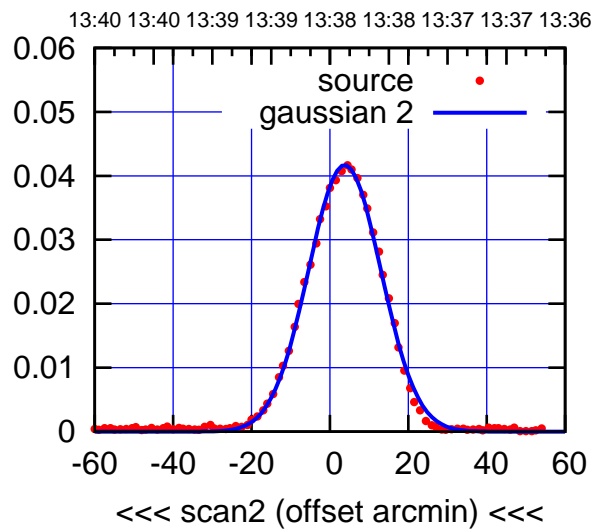
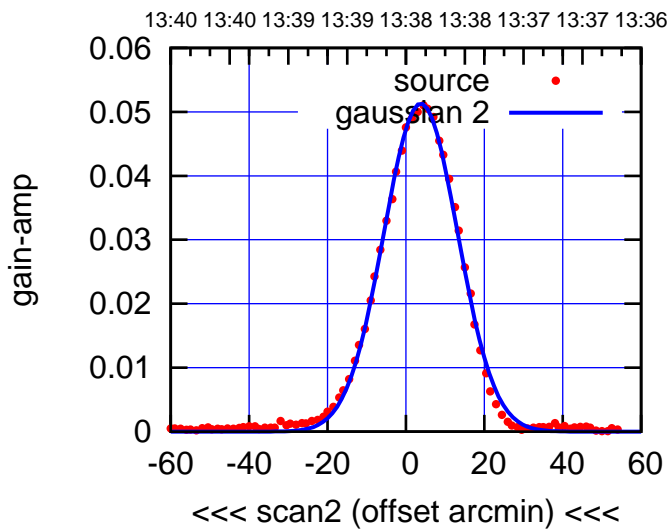
E04-175-EL OFF= 1.4' (22.1')



(+30'/m) 16May2023 13:34:30

E04-130-EL OFF= 3.8' (22.1')

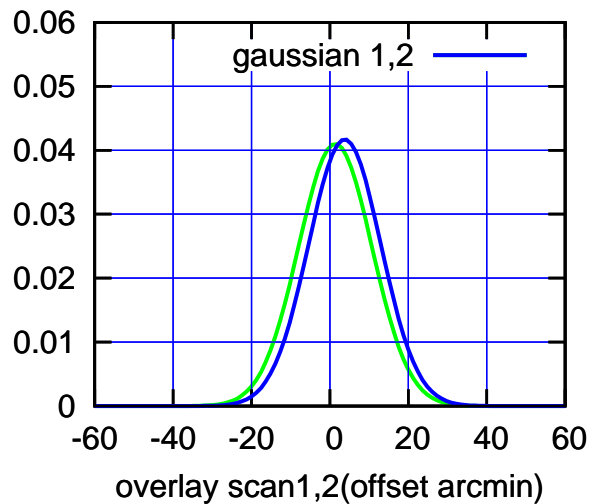
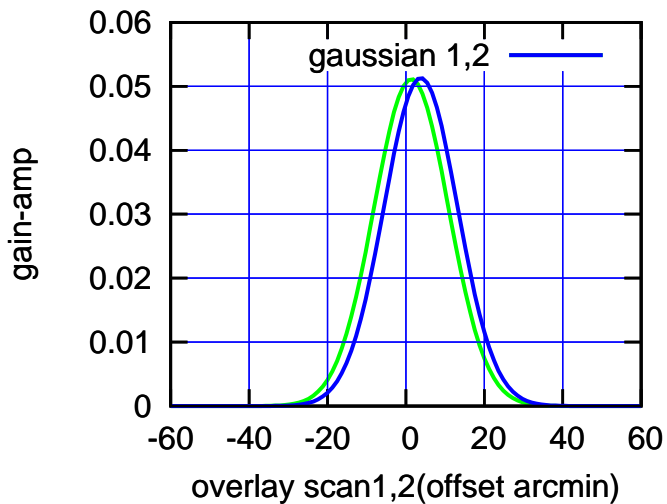
E04-175-EL OFF= 3.8' (21.7')



(-30'/m) 16May2023 13:38:30

BACKLASH ERROR= -2.4'

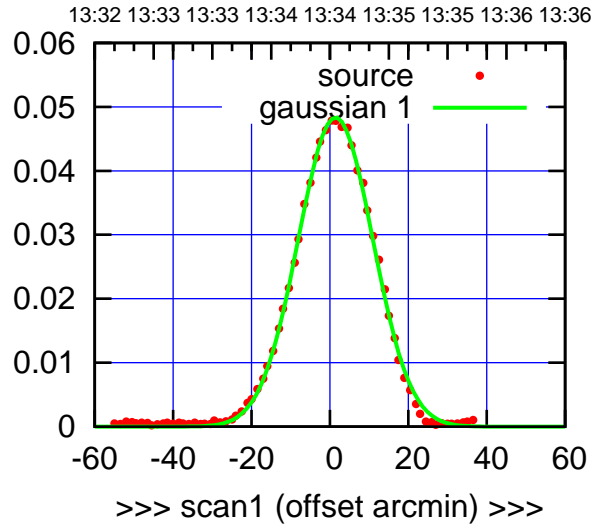
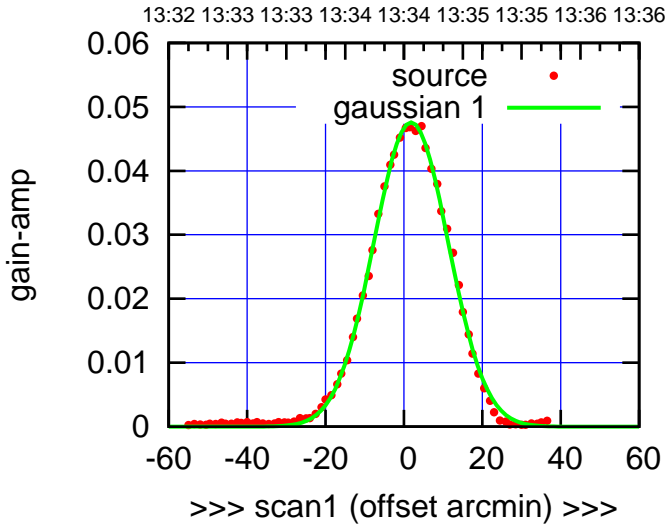
BACKLASH ERROR= -2.4'



(1460 MHz.)

E05-130-EL OFF= 1.8' (22.3')

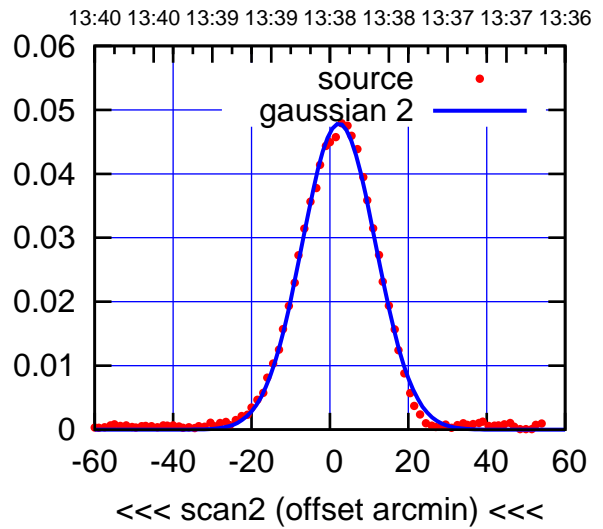
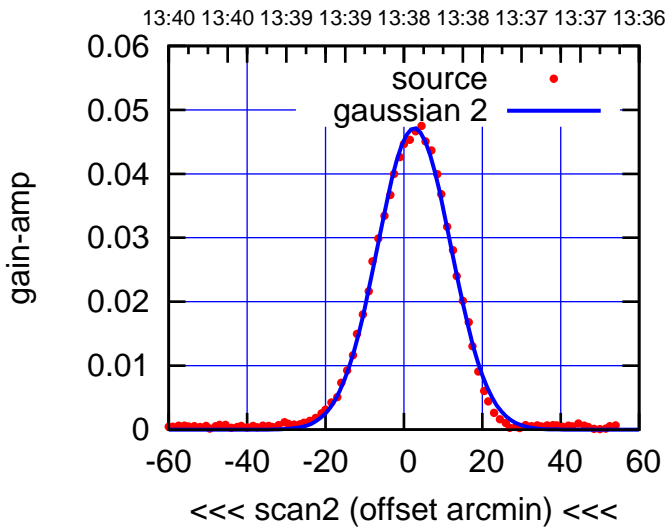
E05-175-EL OFF= 1.4' (22.4')



(+30'/m) 16May2023 13:34:30

E05-130-EL OFF= 2.6' (22.1')

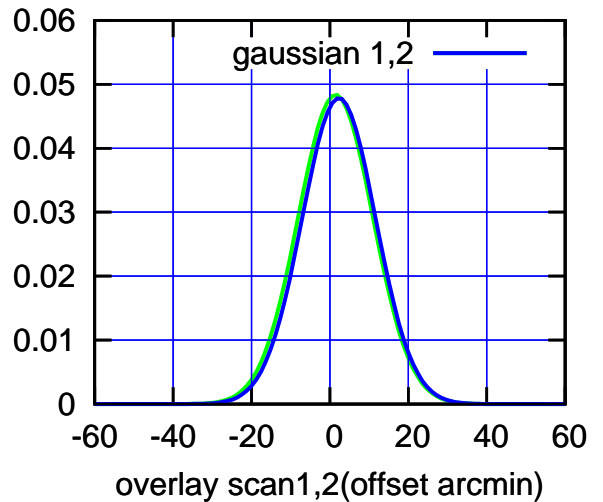
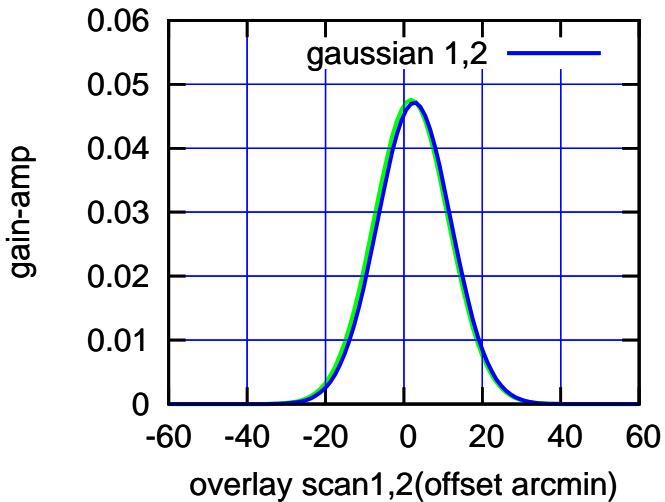
E05-175-EL OFF= 2.3' (22.1')



(-30'/m) 16May2023 13:38:30

BACKLASH ERROR= -0.8'

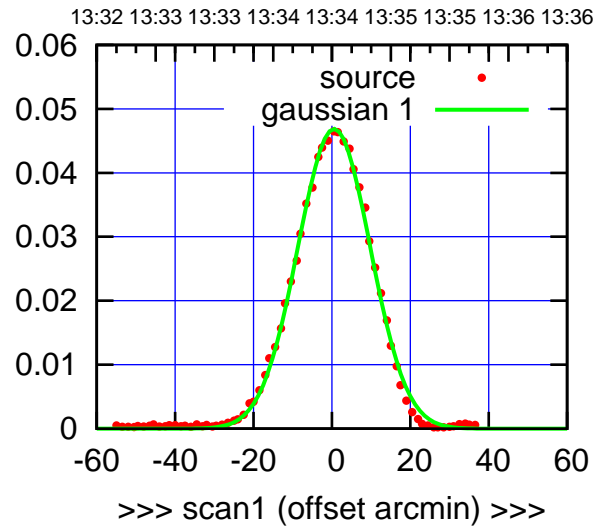
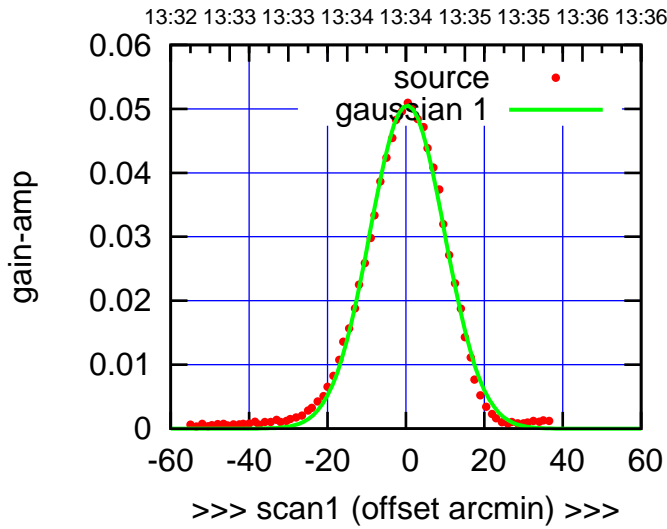
BACKLASH ERROR= -0.9'



(1460 MHz.)

E06-130-EL OFF= 0.3' (22.5')

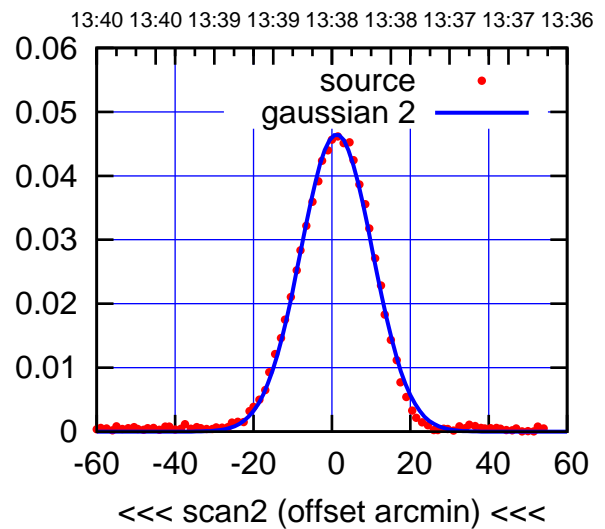
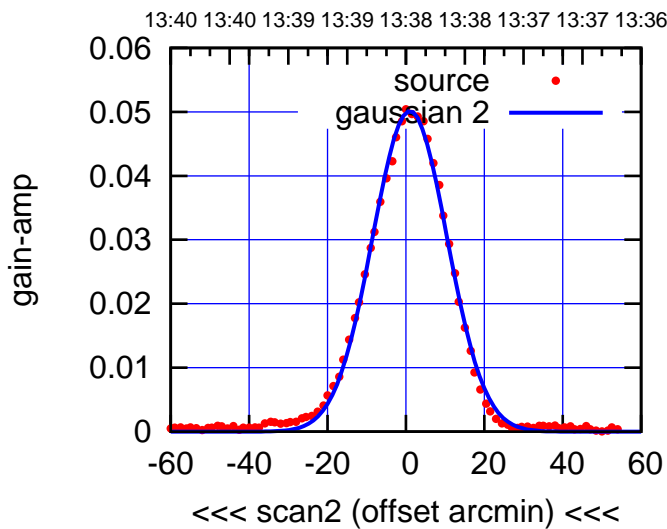
E06-175-EL OFF= 0.6' (21.7')



(+30'/m) 16May2023 13:34:30

E06-130-EL OFF= 1.0' (22.4')

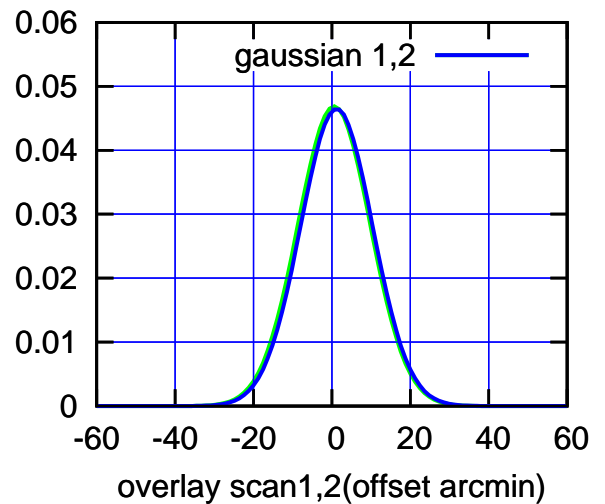
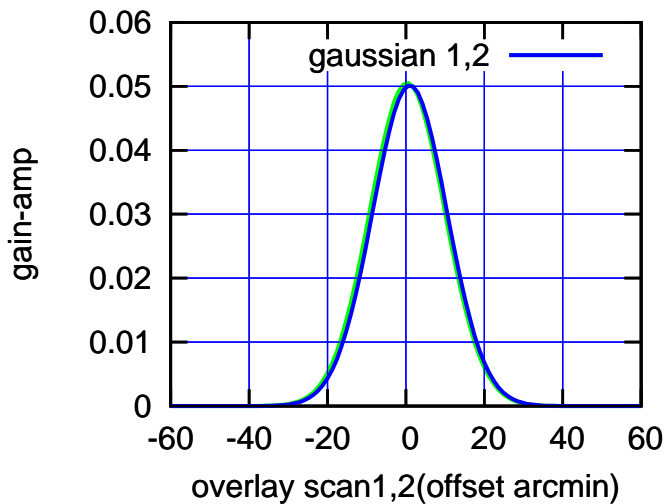
E06-175-EL OFF= 1.2' (21.6')



(-30'/m) 16May2023 13:38:30

BACKLASH ERROR= -0.7'

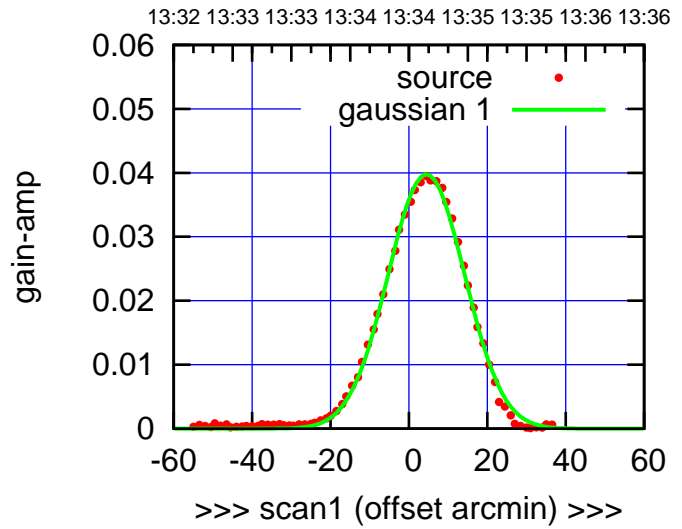
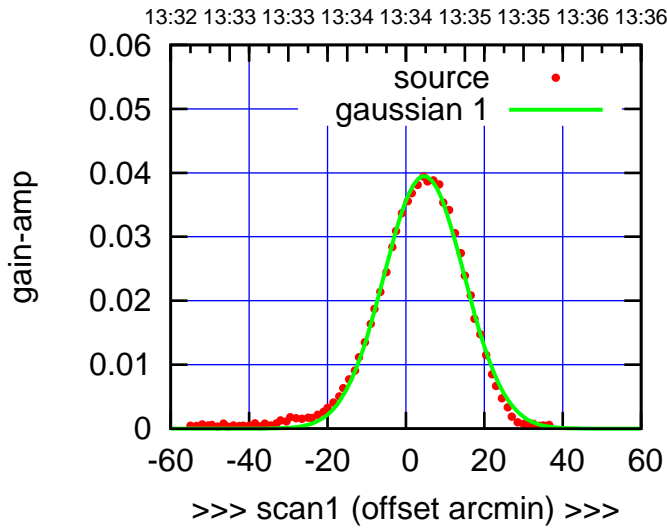
BACKLASH ERROR= -0.6'



(1460 MHz.)

S01-130-EL OFF= 4.6' (24.1')

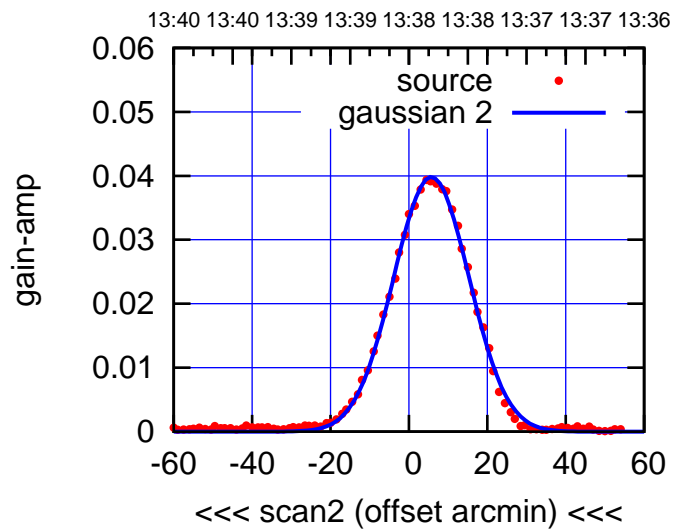
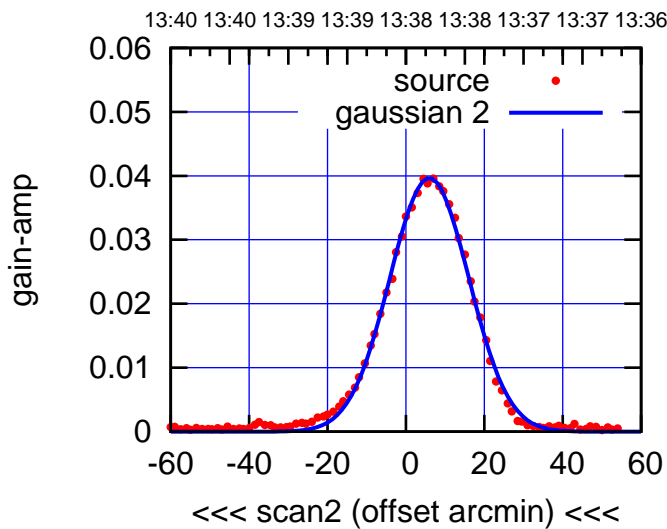
S01-175-EL OFF= 4.5' (22.9')



(+30'/m) 16May2023 13:34:30

S01-130-EL OFF= 6.0' (23.7')

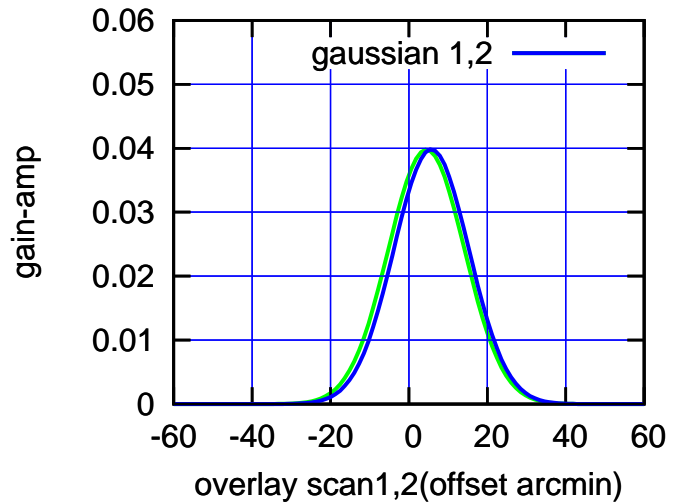
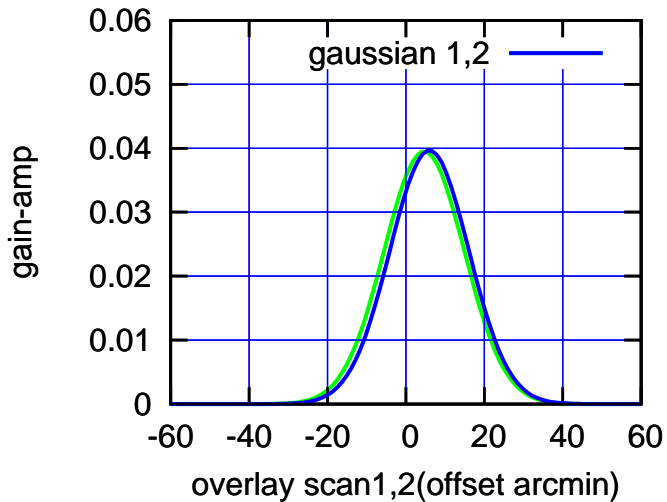
S01-175-EL OFF= 5.7' (22.6')



(-30'/m) 16May2023 13:38:30

BACKLASH ERROR= -1.4'

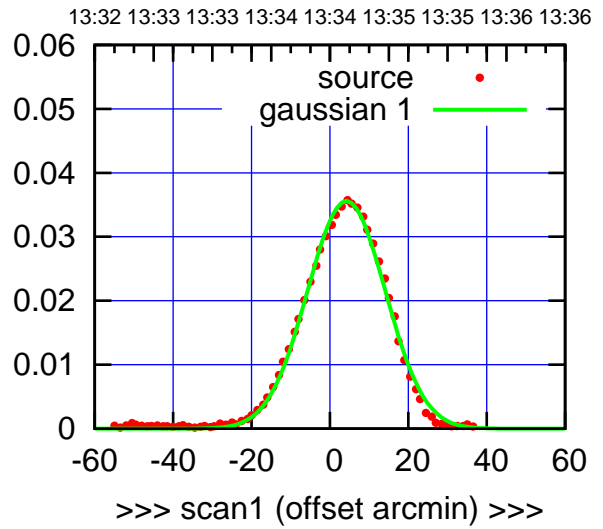
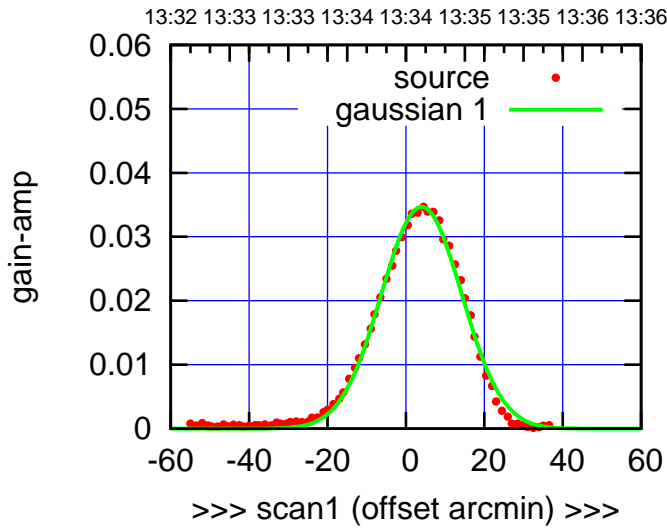
BACKLASH ERROR= -1.2'



(1460 MHz.)

S02-130-EL OFF= 4.0' (24.1')

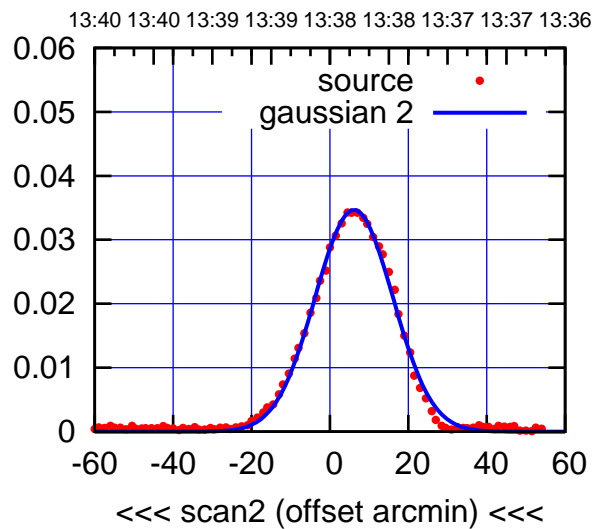
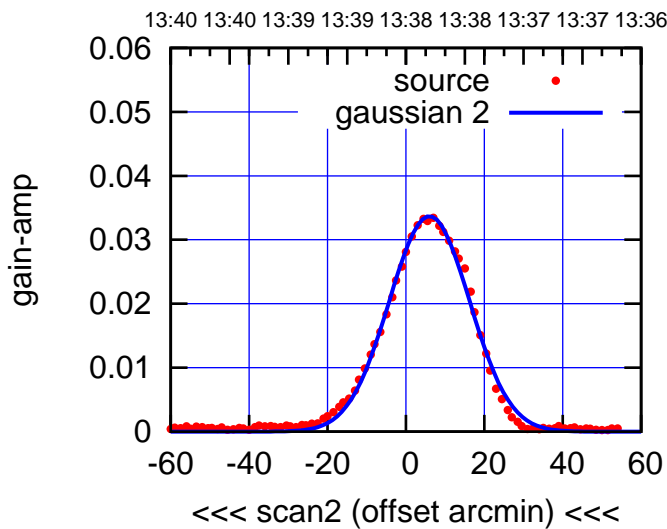
S02-175-EL OFF= 4.2' (23.3')



(+30'/m) 16May2023 13:34:30

S02-130-EL OFF= 6.0' (24.1')

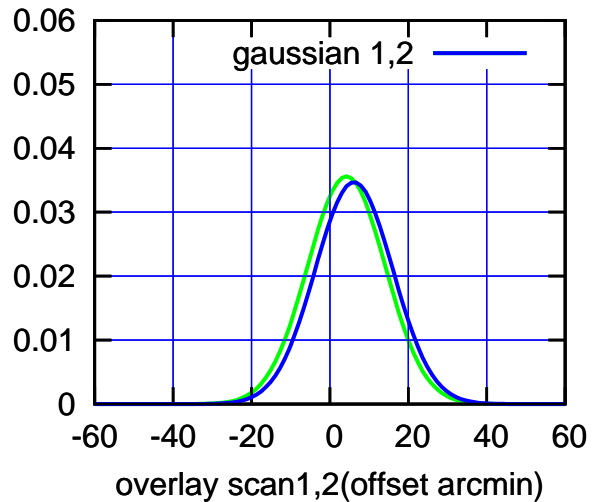
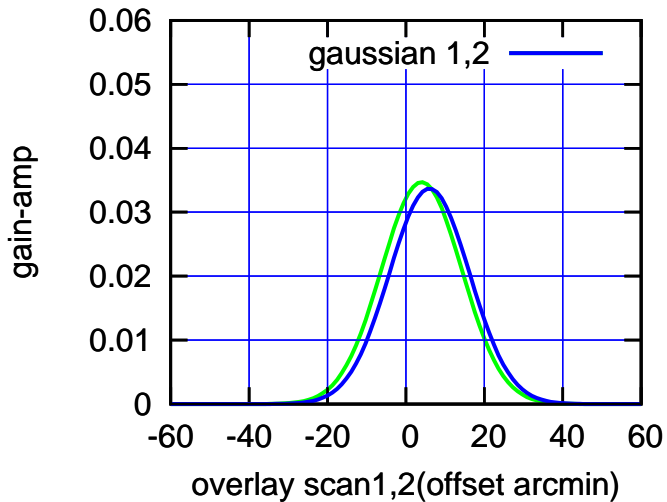
S02-175-EL OFF= 6.1' (23.3')



(-30'/m) 16May2023 13:38:30

BACKLASH ERROR= -2.0'

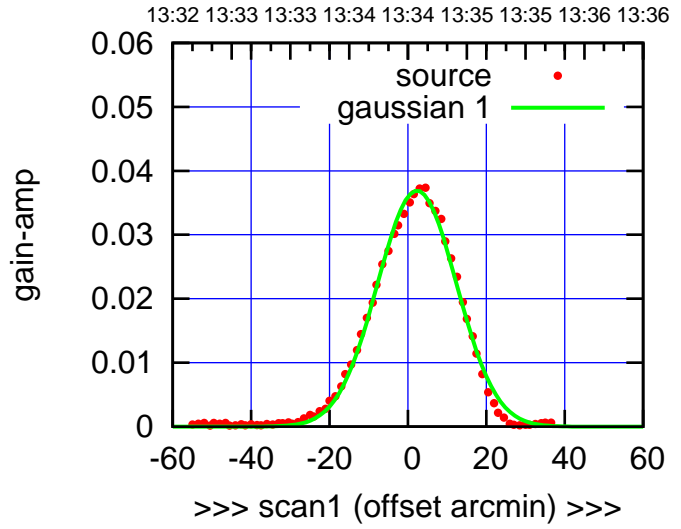
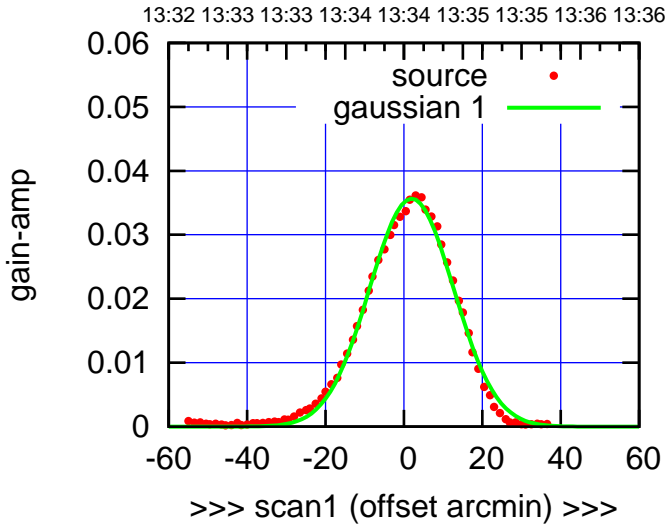
BACKLASH ERROR= -1.9'



(1460 MHz.)

S03-130-EL OFF= 2.0' (25.2')

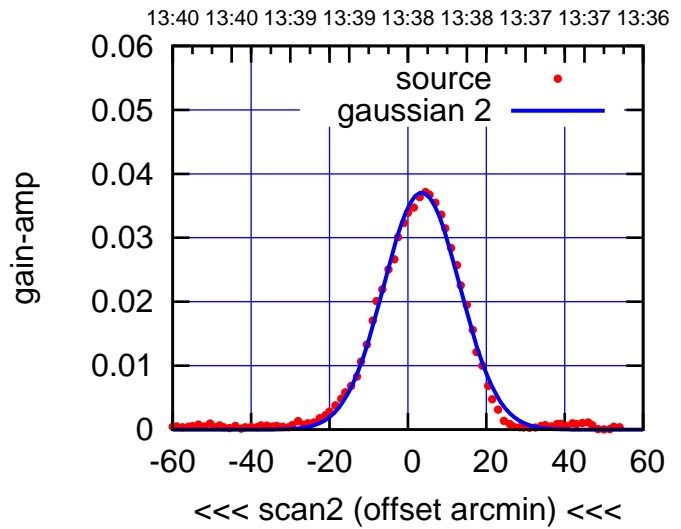
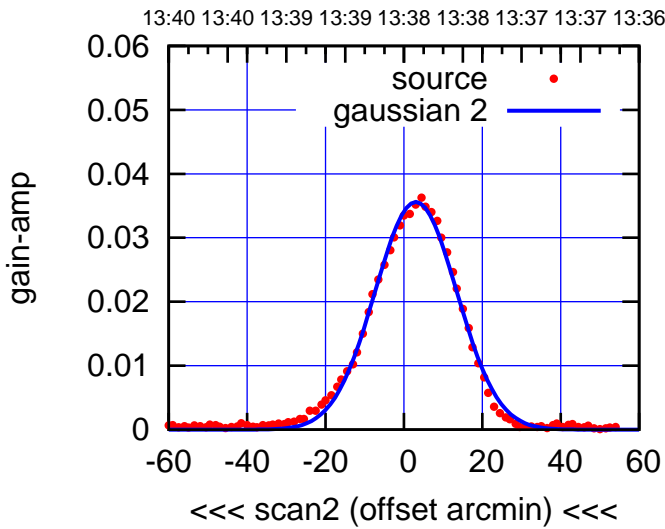
S03-175-EL OFF= 2.3' (23.7')



(+30'/m) 16May2023 13:34:30

S03-130-EL OFF= 3.1' (24.5')

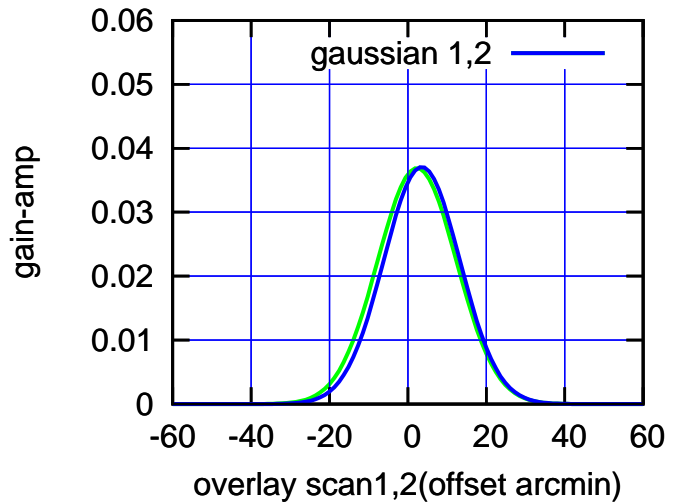
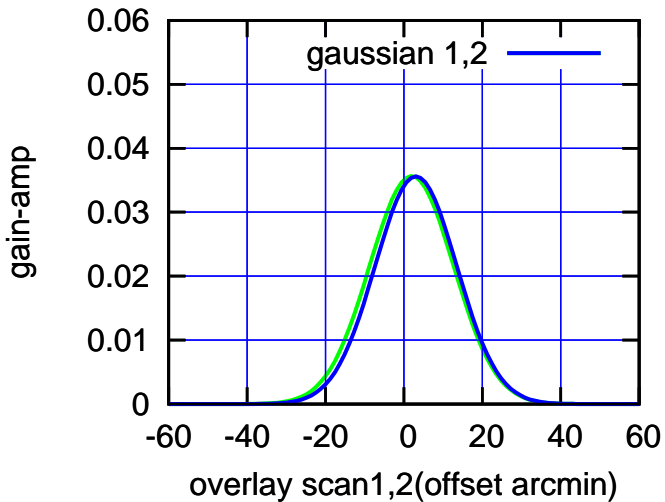
S03-175-EL OFF= 3.5' (22.9')



(-30'/m) 16May2023 13:38:30

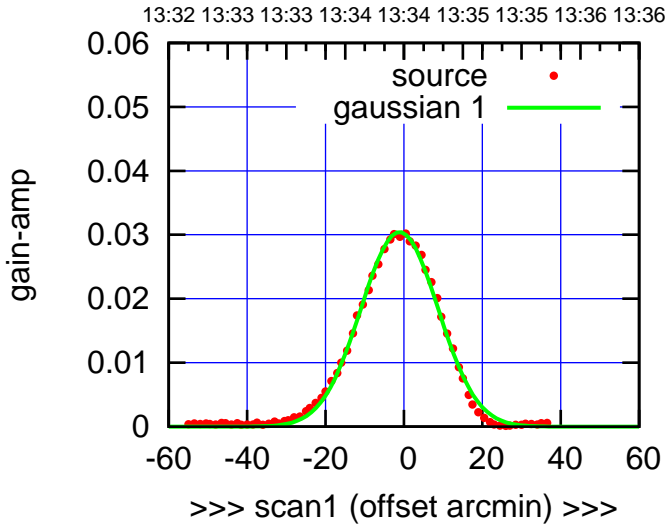
BACKLASH ERROR= -1.1'

BACKLASH ERROR= -1.2'

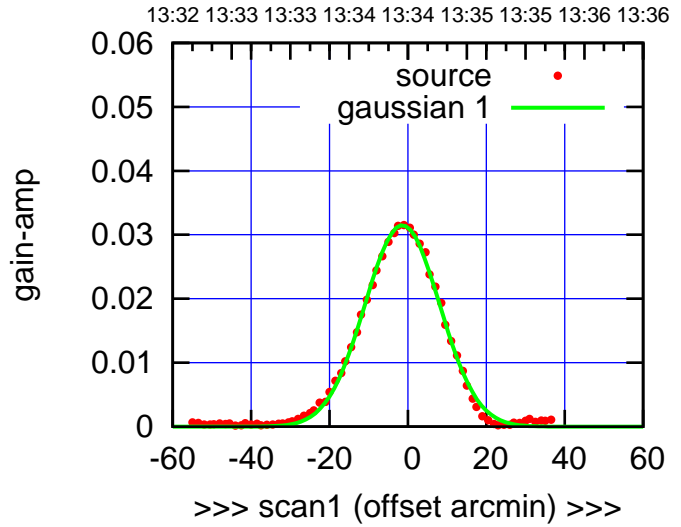


(1460 MHz.)

S04-130-EL OFF= -1.1' (23.2')

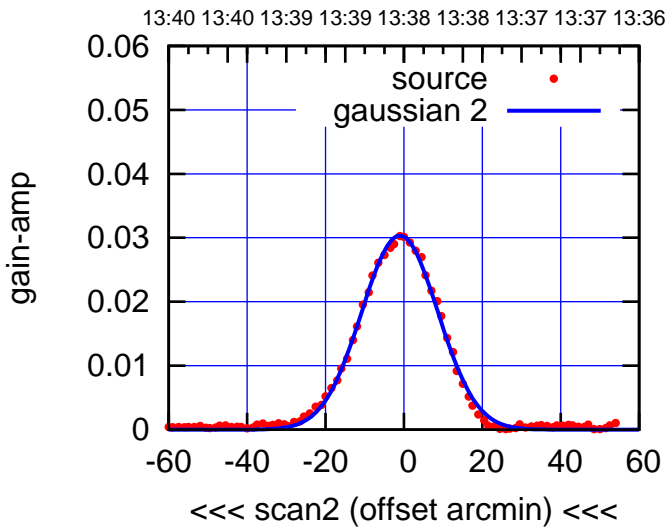


S04-175-EL OFF= -1.4' (22.4')

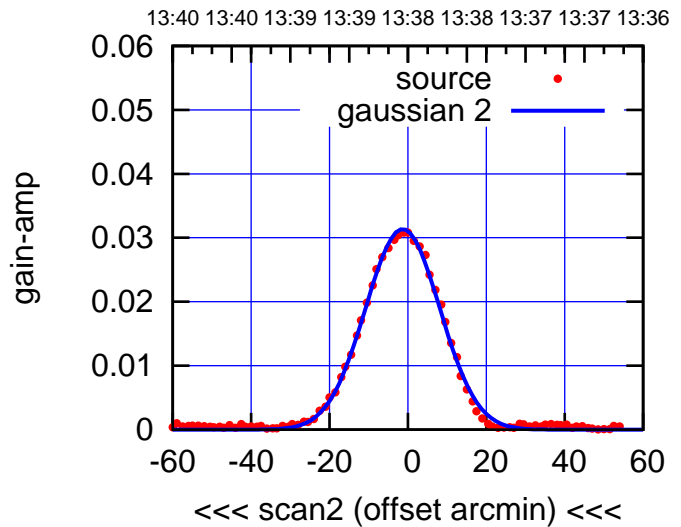


(+30'/m) 16May2023 13:34:30

S04-130-EL OFF= -1.1' (22.9')

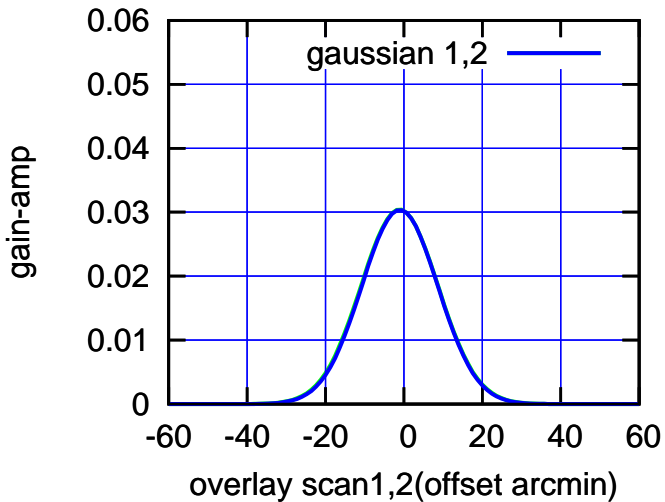


S04-175-EL OFF= -1.3' (22.3')

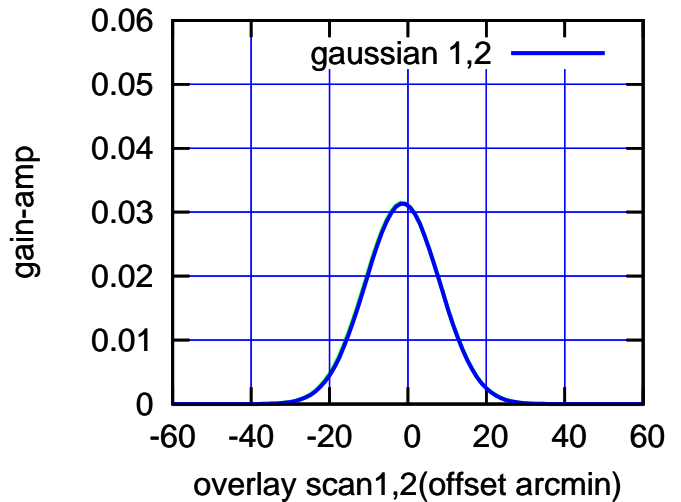


(-30'/m) 16May2023 13:38:30

BACKLASH ERROR= 0.0'



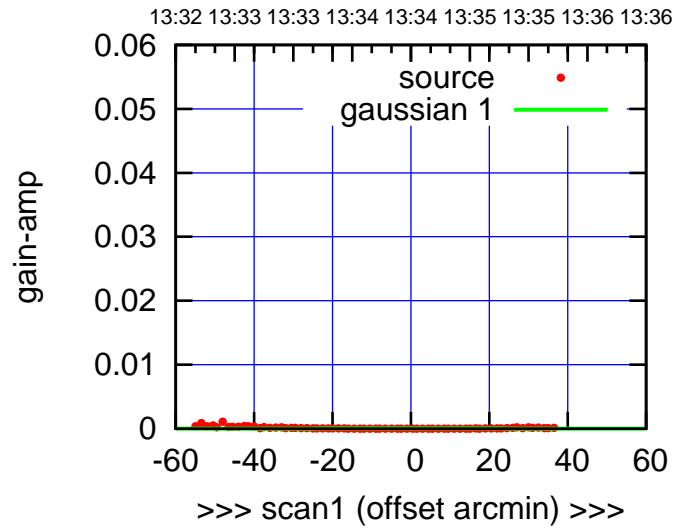
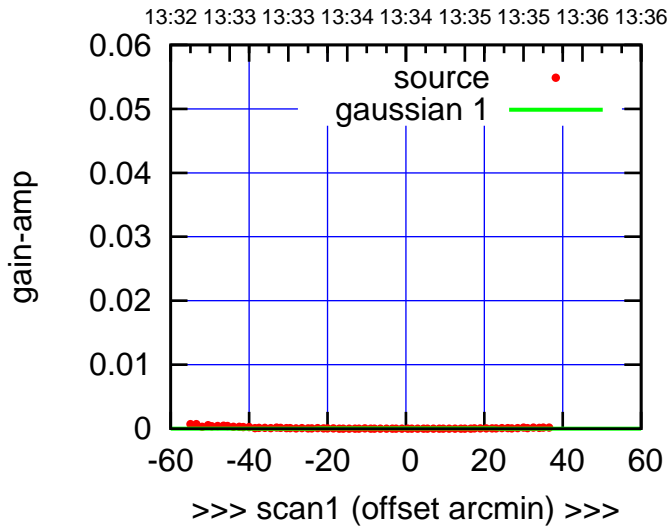
BACKLASH ERROR= -0.1'



(1460 MHz.)

S06-130-EL OFF= 0.0' (42.4')

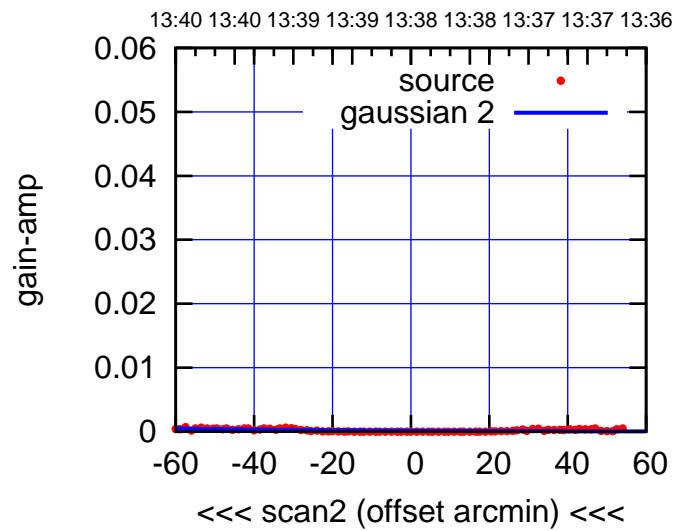
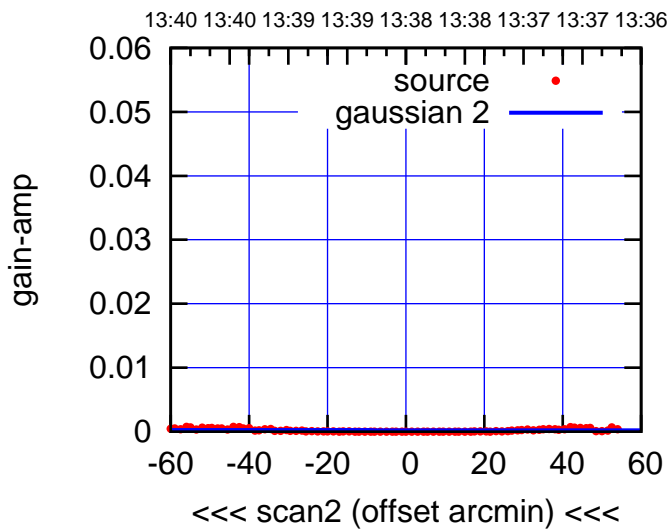
S06-175-EL OFF= 0.0' (42.4')



(+30'/m) 16May2023 13:34:30

S06-130-EL OFF= 0.0' (0.0')

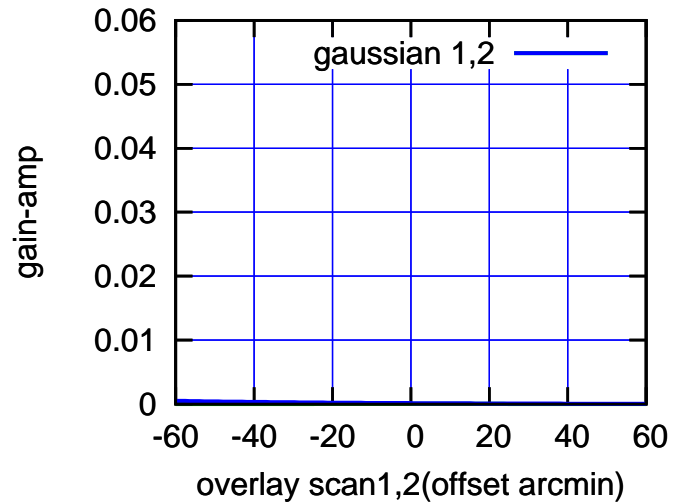
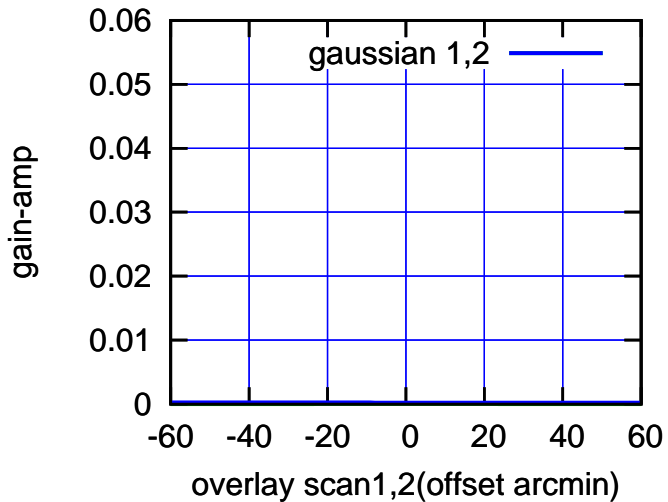
S06-175-EL OFF= 0.0' (0.0')



(-30'/m) 16May2023 13:38:30

BACKLASH ERROR= 0.0'

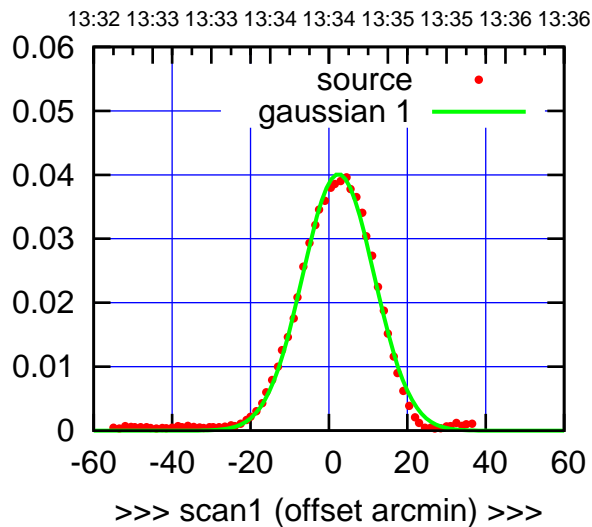
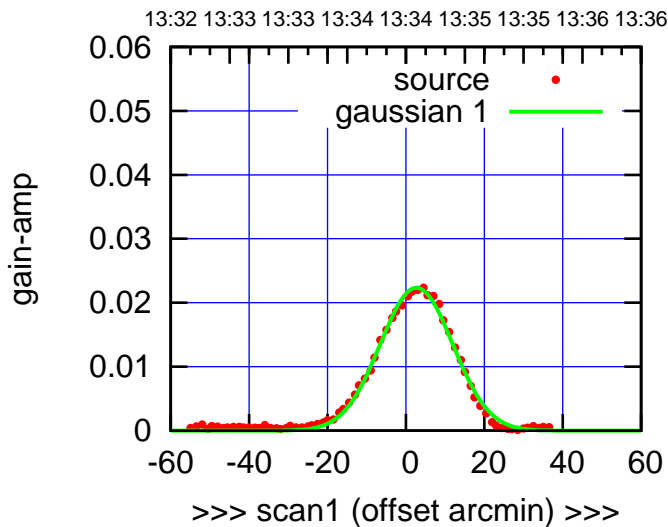
BACKLASH ERROR= 0.0'



(1460 MHz.)

W01-130-EL OFF= 2.7' (21.7')

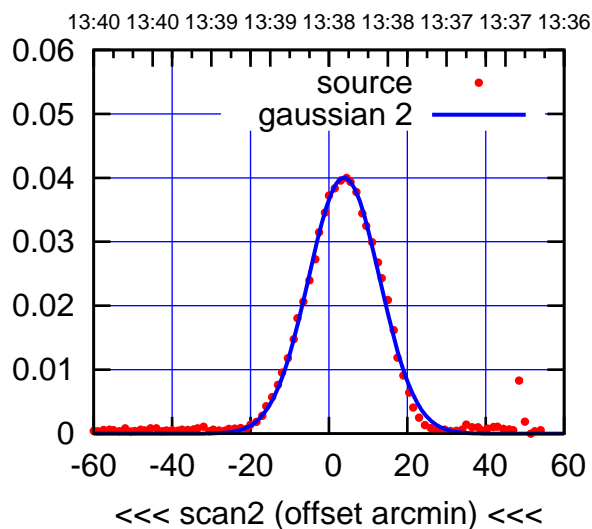
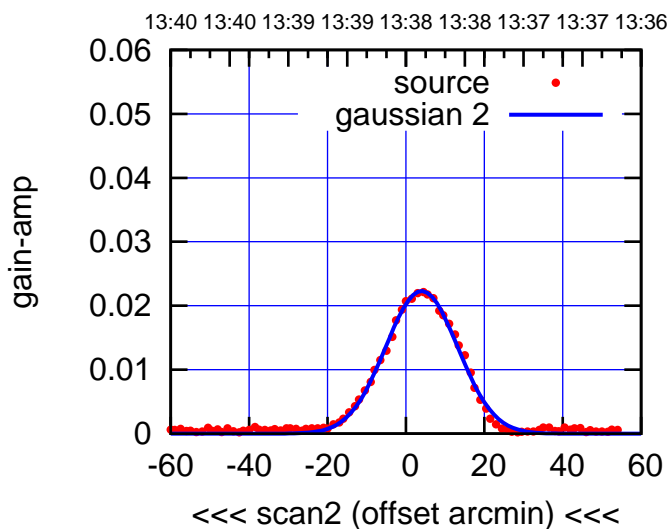
W01-175-EL OFF= 2.4' (21.4')



(+30'/m) 16May2023 13:34:30

W01-130-EL OFF= 4.0' (21.7')

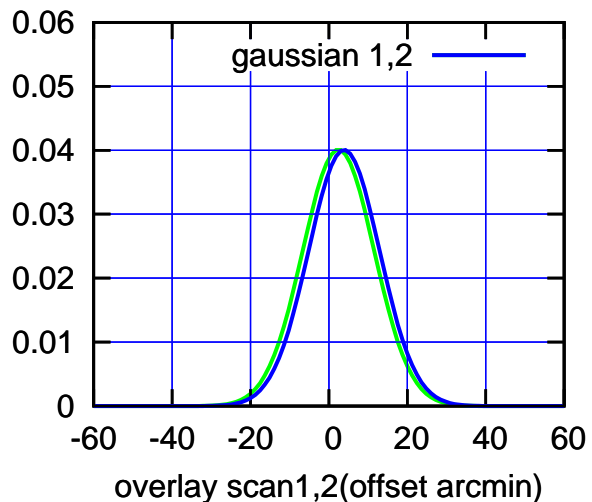
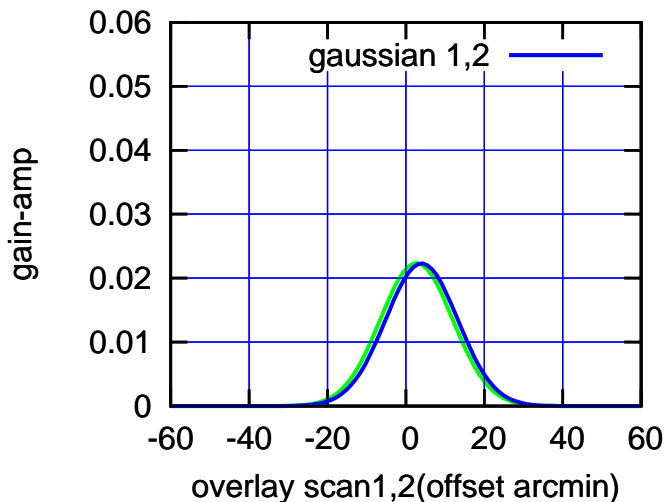
W01-175-EL OFF= 3.9' (21.4')



(-30'/m) 16May2023 13:38:30

BACKLASH ERROR= -1.3'

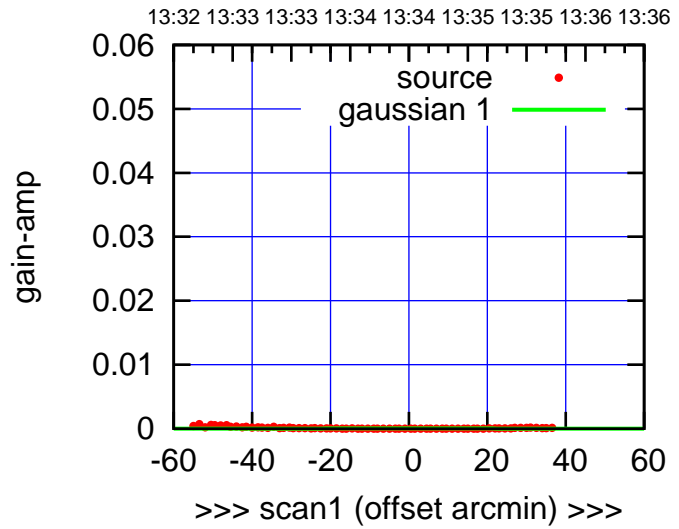
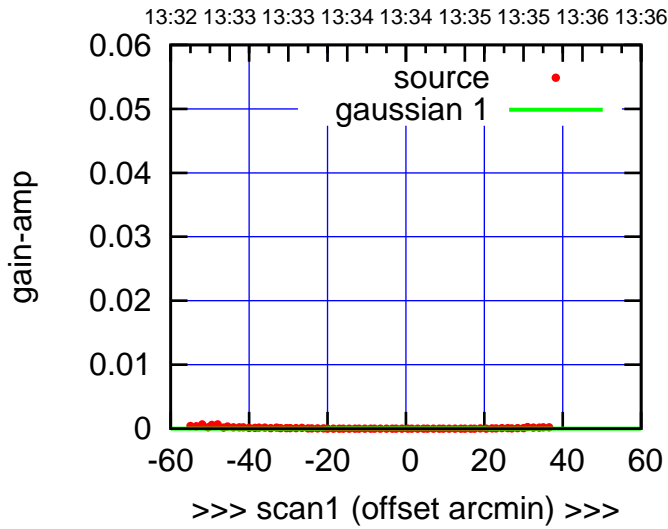
BACKLASH ERROR= -1.5'



(1460 MHz.)

W02-130-EL OFF= 0.0' (42.4')

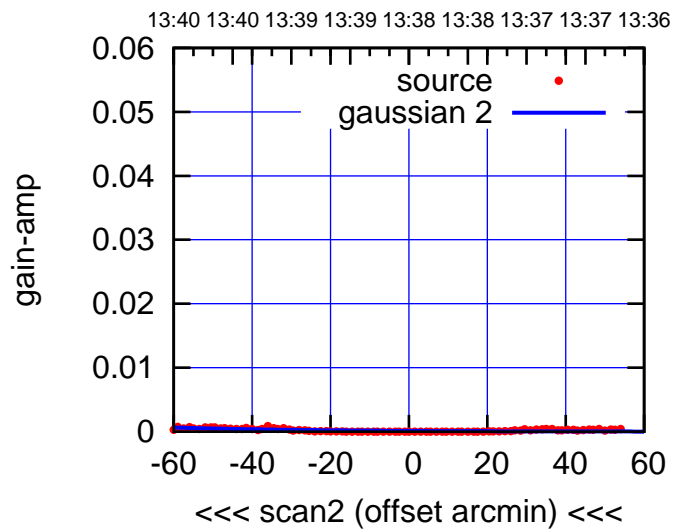
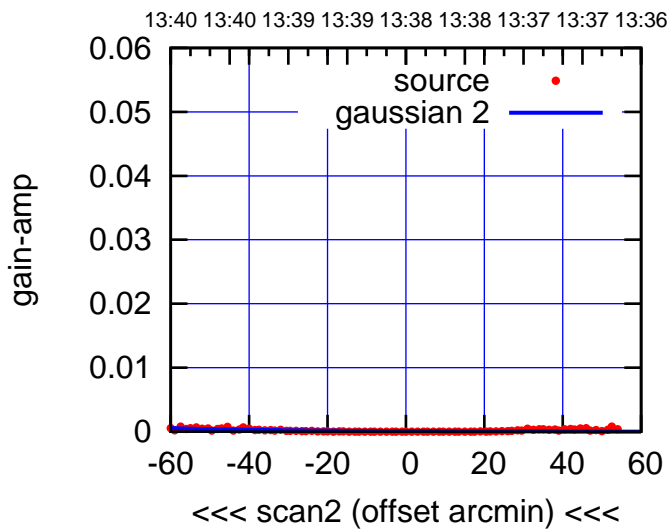
W02-175-EL OFF= 0.0' (42.4')



(+30'/m) 16May2023 13:34:30

W02-130-EL OFF= 0.0' (0.0')

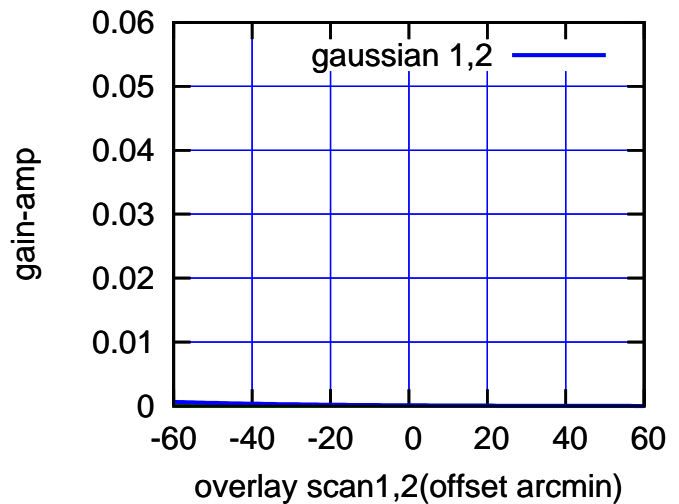
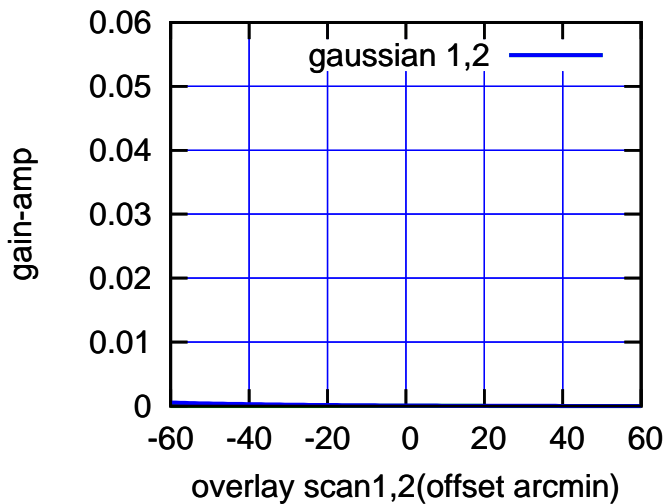
W02-175-EL OFF= 0.0' (0.0')



(-30'/m) 16May2023 13:38:30

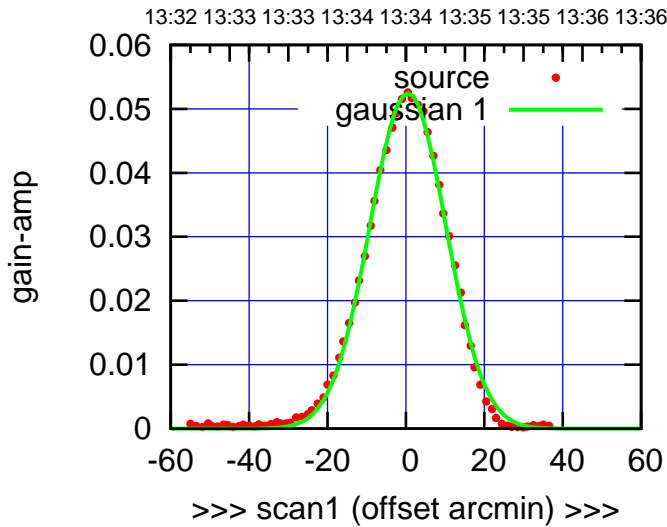
BACKLASH ERROR= 0.0'

BACKLASH ERROR= 0.0'

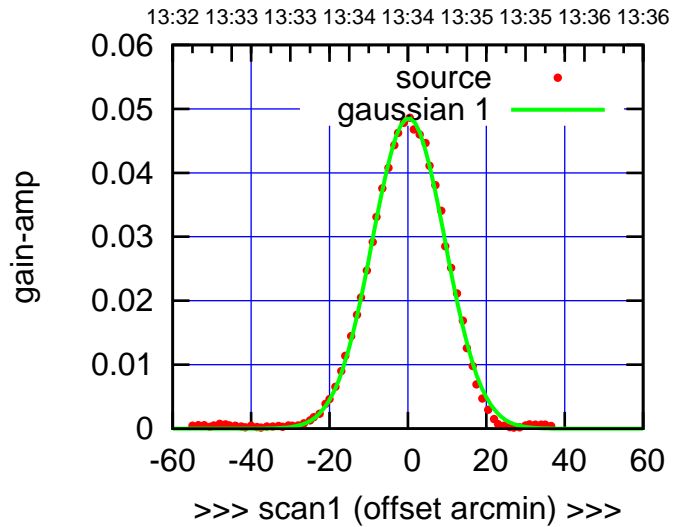


(1460 MHz.)

W03-130-EL OFF= 0.5' (22.8')

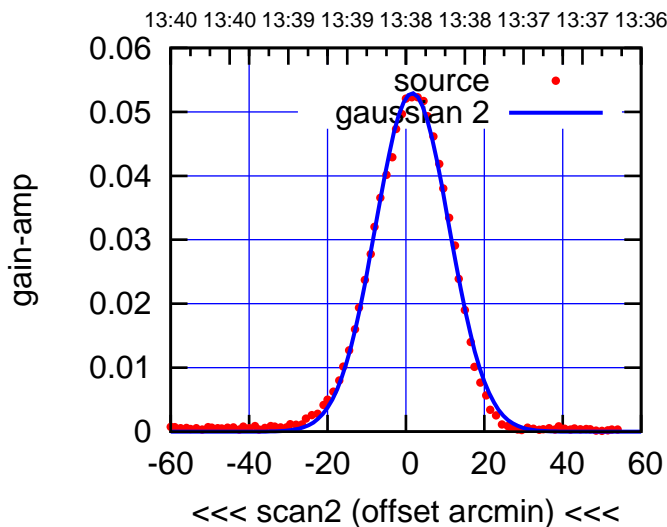


W03-175-EL OFF= 0.2' (21.8')

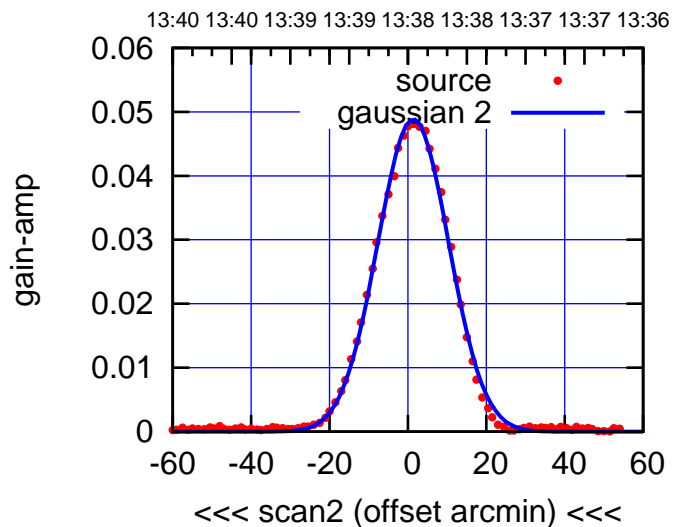


(+30'/m) 16May2023 13:34:30

W03-130-EL OFF= 1.6' (22.1')

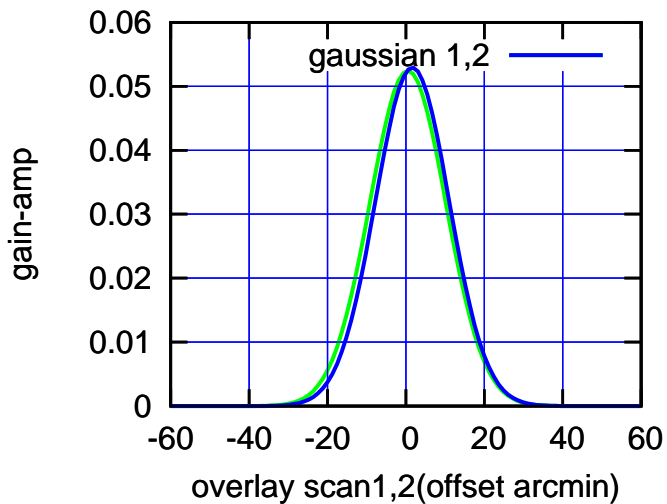


W03-175-EL OFF= 1.4' (21.2')

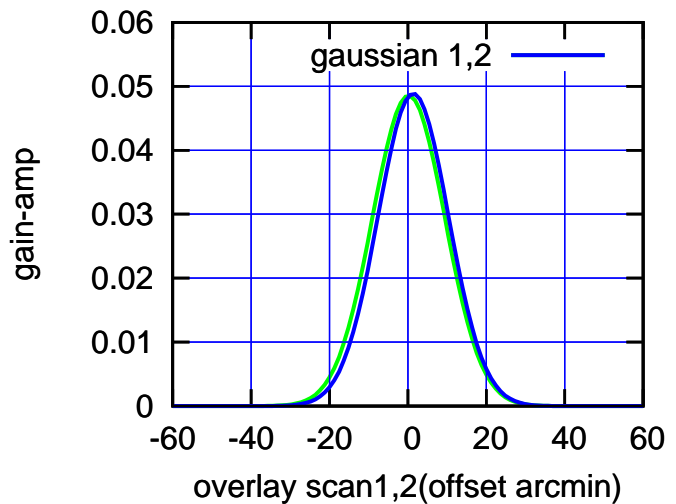


(-30'/m) 16May2023 13:38:30

BACKLASH ERROR= -1.1'



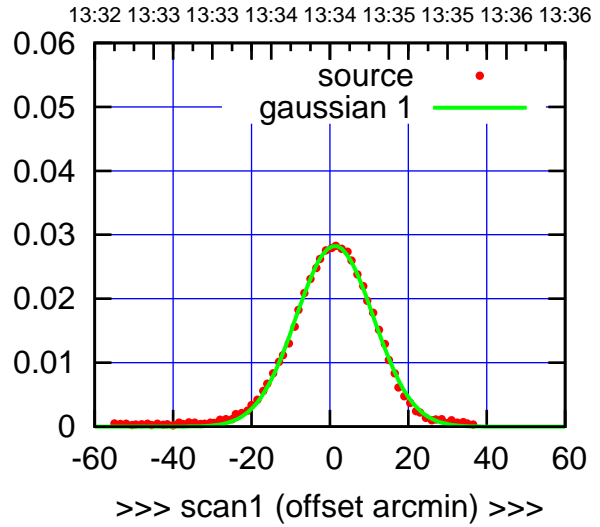
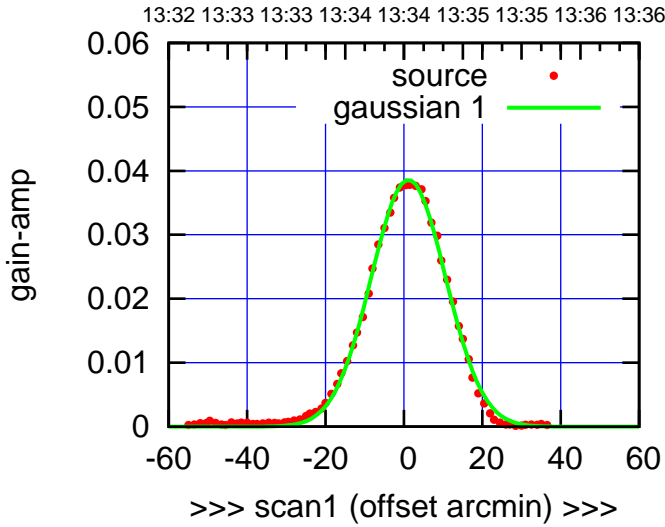
BACKLASH ERROR= -1.2'



(1460 MHz.)

W04-130-EL OFF= 1.2' (22.3')

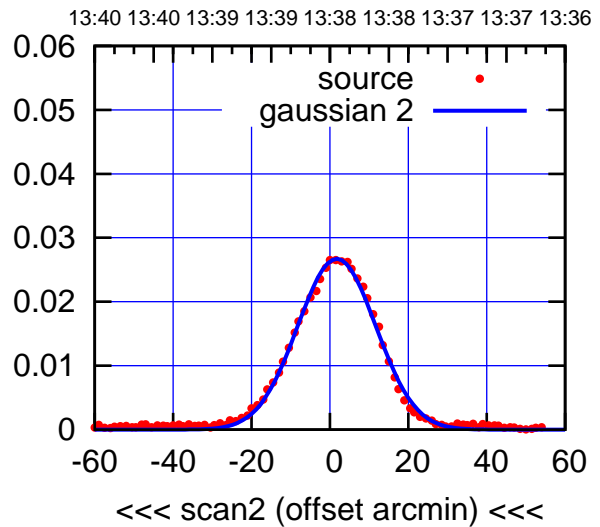
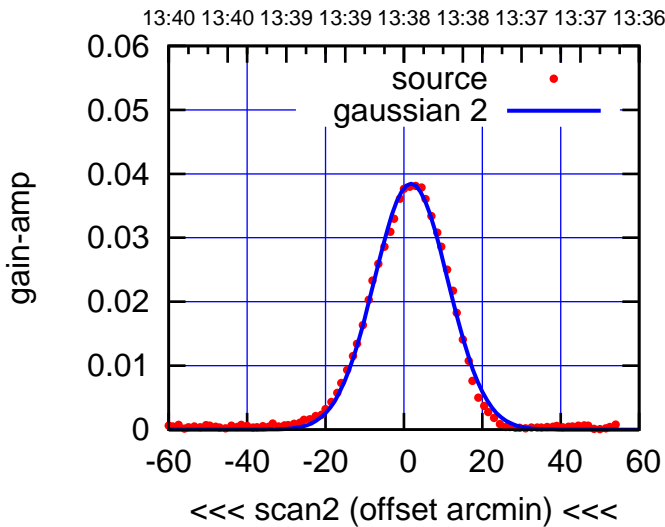
W04-175-EL OFF= 1.2' (23.2')



(+30'/m) 16May2023 13:34:30

W04-130-EL OFF= 1.8' (22.1')

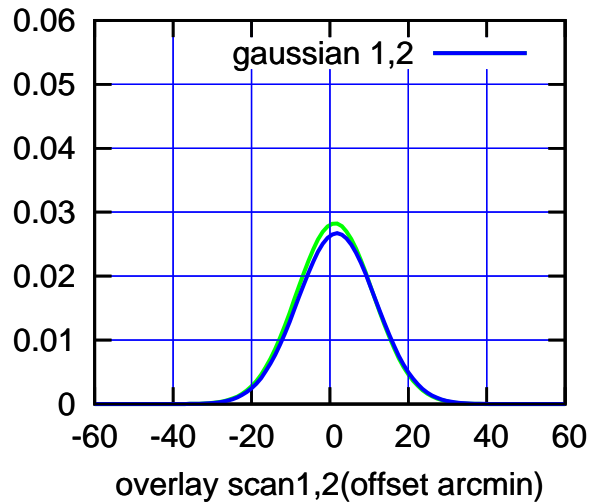
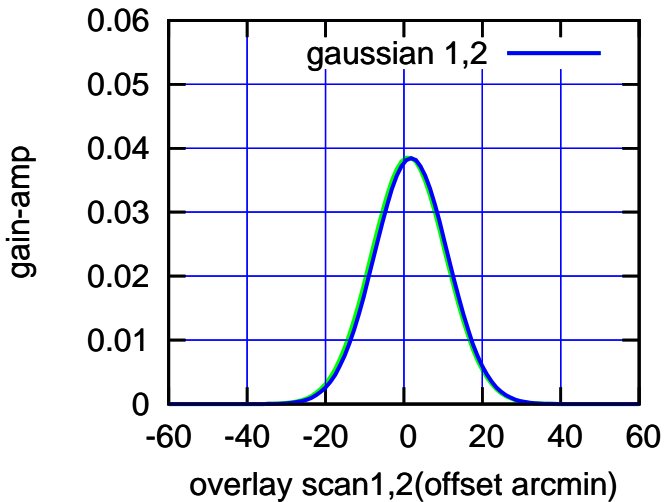
W04-175-EL OFF= 1.7' (23.4')



(-30'/m) 16May2023 13:38:30

BACKLASH ERROR= -0.6'

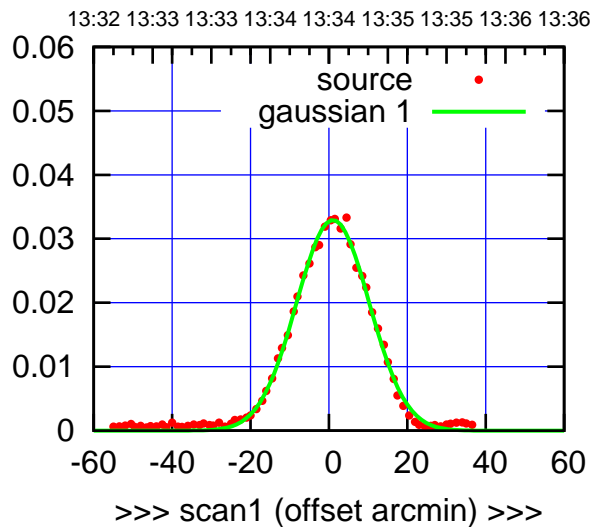
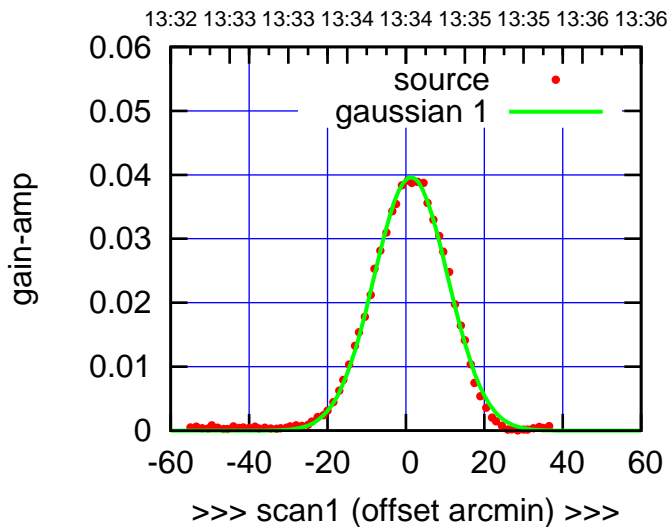
BACKLASH ERROR= -0.5'



(1460 MHz.)

W05-130-EL OFF= 1.3' (22.2')

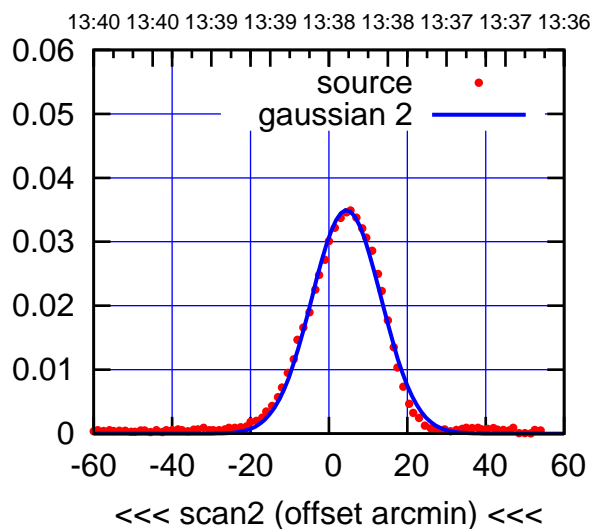
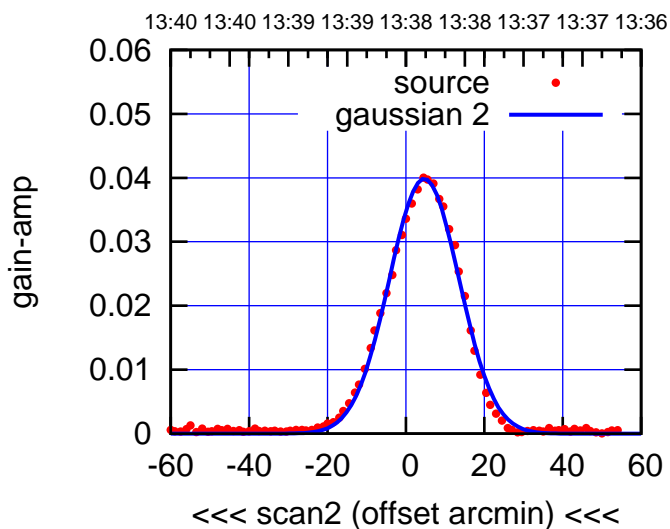
W05-175-EL OFF= 1.0' (21.9')



(+30'/m) 16May2023 13:34:30

W05-130-EL OFF= 4.7' (20.9')

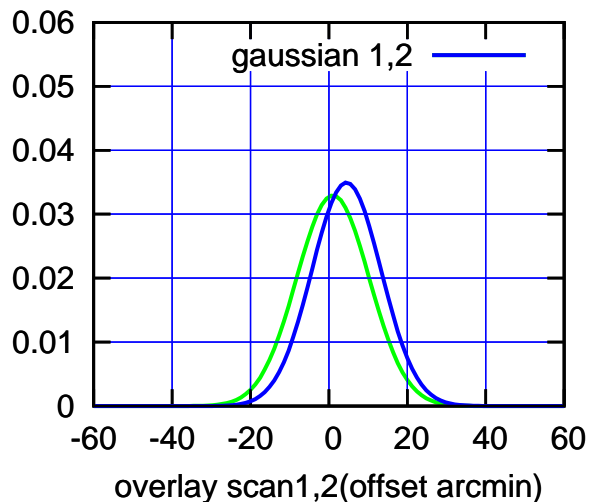
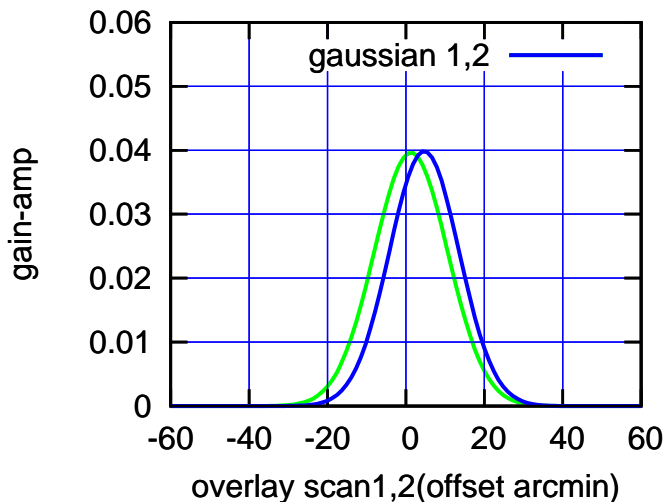
W05-175-EL OFF= 4.5' (20.8')



(-30'/m) 16May2023 13:38:30

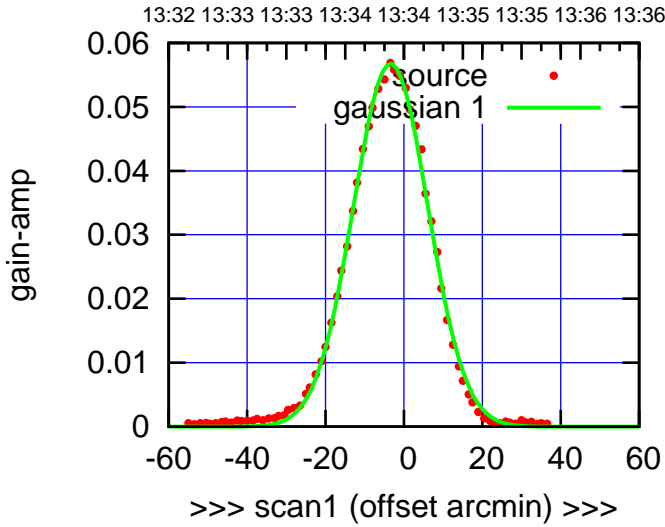
BACKLASH ERROR= -3.4'

BACKLASH ERROR= -3.5'

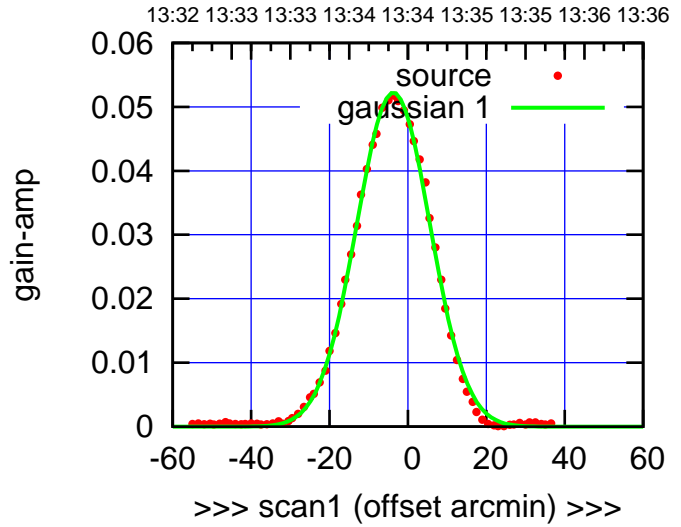


(1460 MHz.)

W06-130-EL OFF= -3.4' (22.4')

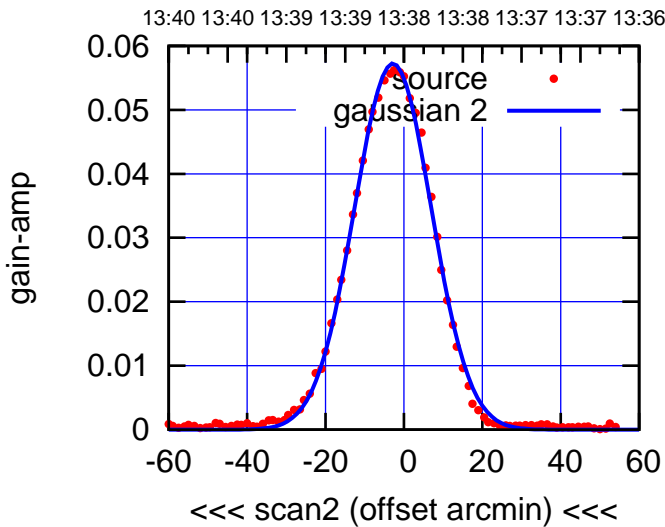


W06-175-EL OFF= -3.7' (21.9')

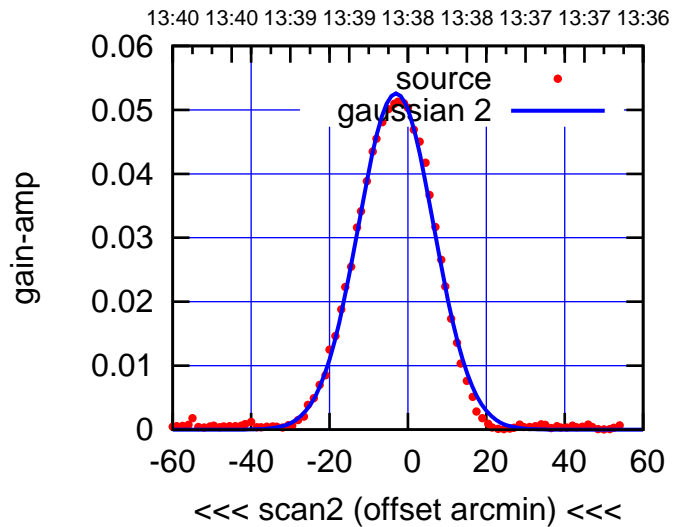


(+30'/m) 16May2023 13:34:30

W06-130-EL OFF= -2.8' (23.0')

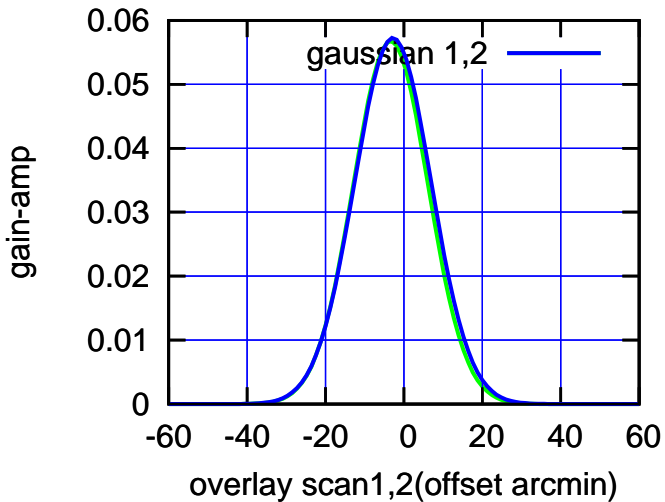


W06-175-EL OFF= -3.0' (22.6')

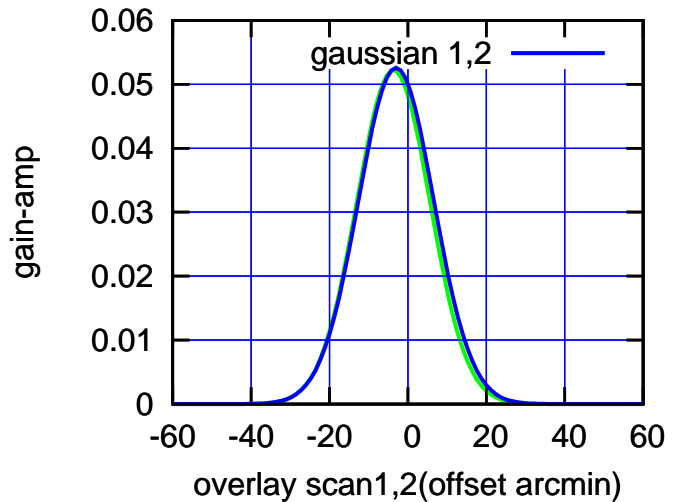


(-30'/m) 16May2023 13:38:30

BACKLASH ERROR= -0.6'



BACKLASH ERROR= -0.7'



(1460 MHz.)

```

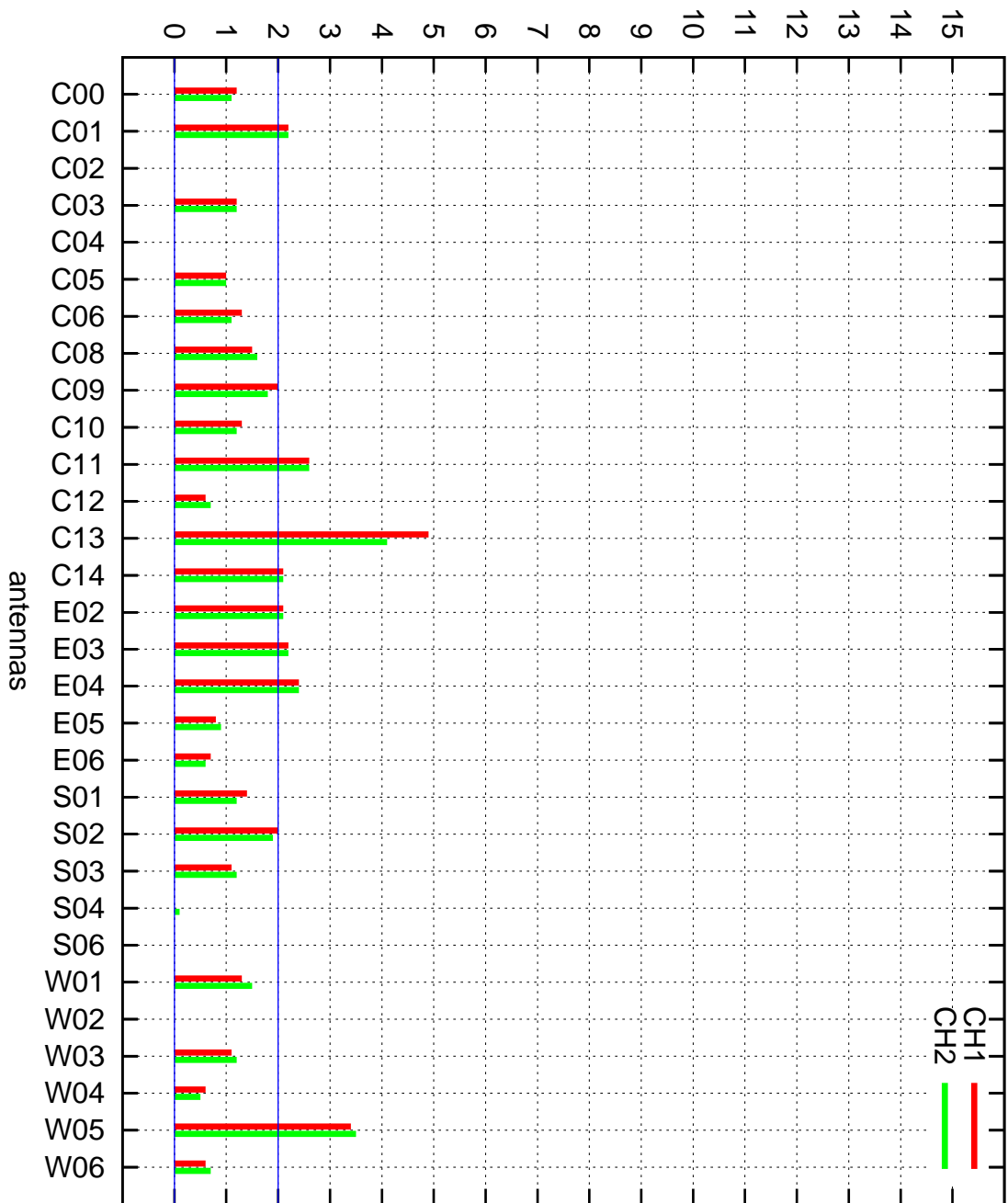
# backlash test : 16May2023 13:34:30, 16May2023 13:38:30
# lta file      : /temp30/snk/16may2023/ltacomb_out.lta_16may2023_48_49.lta
# lta scan no(s) : 0,1
# lta chan range : [710,720]
# scan1 start time: 16May2023 13:32:30
# scan1 peak time: 16May2023 13:34:30
# scan1 end time: 16May2023 13:36:30
# scan2 start time: 16May2023 13:36:30
# scan2 peak time: 16May2023 13:38:30
# scan2 end time: 16May2023 13:40:30
# scan1 rate/speed: 30'/m
# scan2 rate/speed: -30'/m
# xrange posn    : [-60':60']
# yrange gain-amp : [0:0.06]
# frequency (MHz) : 1460
# axis           : EL
# elevation(deg) : 73.3
# antenna flag   : 1 - working, 0 - non working

```

C00-130-EL	OFF(scan1)= 0.0	OFF(scan2)= 1.2	ERROR= -1.2	FLAG= 1
C00-175-EL	OFF(scan1)= -0.0	OFF(scan2)= 1.1	ERROR= -1.1	FLAG= 1
C01-130-EL	OFF(scan1)= 3.4	OFF(scan2)= 5.6	ERROR= -2.2	FLAG= 1
C01-175-EL	OFF(scan1)= 3.4	OFF(scan2)= 5.6	ERROR= -2.2	FLAG= 1
C02-130-EL	OFF(scan1)= 0.0	OFF(scan2)= 0.0	ERROR= 0.0	FLAG= 0
C02-175-EL	OFF(scan1)= 0.0	OFF(scan2)= 0.0	ERROR= 0.0	FLAG= 0
C03-130-EL	OFF(scan1)= -1.4	OFF(scan2)= -0.2	ERROR= -1.2	FLAG= 1
C03-175-EL	OFF(scan1)= -1.6	OFF(scan2)= -0.4	ERROR= -1.2	FLAG= 1
C04-130-EL	OFF(scan1)= 0.0	OFF(scan2)= 0.0	ERROR= 0.0	FLAG= 0
C04-175-EL	OFF(scan1)= 0.0	OFF(scan2)= 0.0	ERROR= 0.0	FLAG= 0
C05-130-EL	OFF(scan1)= -1.1	OFF(scan2)= -0.1	ERROR= -1.0	FLAG= 1
C05-175-EL	OFF(scan1)= -0.7	OFF(scan2)= 0.3	ERROR= -1.0	FLAG= 1
C06-130-EL	OFF(scan1)= -0.0	OFF(scan2)= 1.3	ERROR= -1.3	FLAG= 1
C06-175-EL	OFF(scan1)= 0.3	OFF(scan2)= 1.4	ERROR= -1.1	FLAG= 1
C08-130-EL	OFF(scan1)= -0.6	OFF(scan2)= 0.9	ERROR= -1.5	FLAG= 1
C08-175-EL	OFF(scan1)= -0.9	OFF(scan2)= 0.7	ERROR= -1.6	FLAG= 1
C09-130-EL	OFF(scan1)= -0.2	OFF(scan2)= 1.8	ERROR= -2.0	FLAG= 1
C09-175-EL	OFF(scan1)= -0.0	OFF(scan2)= 1.8	ERROR= -1.8	FLAG= 1
C10-130-EL	OFF(scan1)= 6.2	OFF(scan2)= 7.5	ERROR= -1.3	FLAG= 1
C10-175-EL	OFF(scan1)= 6.2	OFF(scan2)= 7.4	ERROR= -1.2	FLAG= 1
C11-130-EL	OFF(scan1)= 4.2	OFF(scan2)= 6.8	ERROR= -2.6	FLAG= 1
C11-175-EL	OFF(scan1)= 4.4	OFF(scan2)= 7.0	ERROR= -2.6	FLAG= 1
C12-130-EL	OFF(scan1)= -0.0	OFF(scan2)= 0.6	ERROR= -0.6	FLAG= 1
C12-175-EL	OFF(scan1)= -0.1	OFF(scan2)= 0.6	ERROR= -0.7	FLAG= 1
C13-130-EL	OFF(scan1)= 0.2	OFF(scan2)= 5.1	ERROR= -4.9	FLAG= 1
C13-175-EL	OFF(scan1)= 1.2	OFF(scan2)= 5.3	ERROR= -4.1	FLAG= 1
C14-130-EL	OFF(scan1)= 1.4	OFF(scan2)= 3.5	ERROR= -2.1	FLAG= 1
C14-175-EL	OFF(scan1)= 1.1	OFF(scan2)= 3.2	ERROR= -2.1	FLAG= 1
E02-130-EL	OFF(scan1)= -0.9	OFF(scan2)= 1.2	ERROR= -2.1	FLAG= 1
E02-175-EL	OFF(scan1)= -0.5	OFF(scan2)= 1.6	ERROR= -2.1	FLAG= 1
E03-130-EL	OFF(scan1)= 3.1	OFF(scan2)= 5.3	ERROR= -2.2	FLAG= 1
E03-175-EL	OFF(scan1)= 3.0	OFF(scan2)= 5.2	ERROR= -2.2	FLAG= 1
E04-130-EL	OFF(scan1)= 1.4	OFF(scan2)= 3.8	ERROR= -2.4	FLAG= 1
E04-175-EL	OFF(scan1)= 1.4	OFF(scan2)= 3.8	ERROR= -2.4	FLAG= 1
E05-130-EL	OFF(scan1)= 1.8	OFF(scan2)= 2.6	ERROR= -0.8	FLAG= 1
E05-175-EL	OFF(scan1)= 1.4	OFF(scan2)= 2.3	ERROR= -0.9	FLAG= 1
E06-130-EL	OFF(scan1)= 0.3	OFF(scan2)= 1.0	ERROR= -0.7	FLAG= 1
E06-175-EL	OFF(scan1)= 0.6	OFF(scan2)= 1.2	ERROR= -0.6	FLAG= 1
S01-130-EL	OFF(scan1)= 4.6	OFF(scan2)= 6.0	ERROR= -1.4	FLAG= 1
S01-175-EL	OFF(scan1)= 4.5	OFF(scan2)= 5.7	ERROR= -1.2	FLAG= 1
S02-130-EL	OFF(scan1)= 4.0	OFF(scan2)= 6.0	ERROR= -2.0	FLAG= 1
S02-175-EL	OFF(scan1)= 4.2	OFF(scan2)= 6.1	ERROR= -1.9	FLAG= 1
S03-130-EL	OFF(scan1)= 2.0	OFF(scan2)= 3.1	ERROR= -1.1	FLAG= 1
S03-175-EL	OFF(scan1)= 2.3	OFF(scan2)= 3.5	ERROR= -1.2	FLAG= 1
S04-130-EL	OFF(scan1)= -1.1	OFF(scan2)= -1.1	ERROR= 0.0	FLAG= 1
S04-175-EL	OFF(scan1)= -1.4	OFF(scan2)= -1.3	ERROR= -0.1	FLAG= 1
S06-130-EL	OFF(scan1)= 0.0	OFF(scan2)= 0.0	ERROR= 0.0	FLAG= 0
S06-175-EL	OFF(scan1)= 0.0	OFF(scan2)= 0.0	ERROR= 0.0	FLAG= 0

W01-130-EL	OFF(scan1)=	2.7	OFF(scan2)=	4.0	ERROR=	-1.3	FLAG=	1
W01-175-EL	OFF(scan1)=	2.4	OFF(scan2)=	3.9	ERROR=	-1.5	FLAG=	1
W02-130-EL	OFF(scan1)=	0.0	OFF(scan2)=	0.0	ERROR=	0.0	FLAG=	0
W02-175-EL	OFF(scan1)=	0.0	OFF(scan2)=	0.0	ERROR=	0.0	FLAG=	0
W03-130-EL	OFF(scan1)=	0.5	OFF(scan2)=	1.6	ERROR=	-1.1	FLAG=	1
W03-175-EL	OFF(scan1)=	0.2	OFF(scan2)=	1.4	ERROR=	-1.2	FLAG=	1
W04-130-EL	OFF(scan1)=	1.2	OFF(scan2)=	1.8	ERROR=	-0.6	FLAG=	1
W04-175-EL	OFF(scan1)=	1.2	OFF(scan2)=	1.7	ERROR=	-0.5	FLAG=	1
W05-130-EL	OFF(scan1)=	1.3	OFF(scan2)=	4.7	ERROR=	-3.4	FLAG=	1
W05-175-EL	OFF(scan1)=	1.0	OFF(scan2)=	4.5	ERROR=	-3.5	FLAG=	1
W06-130-EL	OFF(scan1)=	-3.4	OFF(scan2)=	-2.8	ERROR=	-0.6	FLAG=	1
W06-175-EL	OFF(scan1)=	-3.7	OFF(scan2)=	-3.0	ERROR=	-0.7	FLAG=	1

EL backlash error (arcmin)



EL backlash test (16May2023 13:34:30)