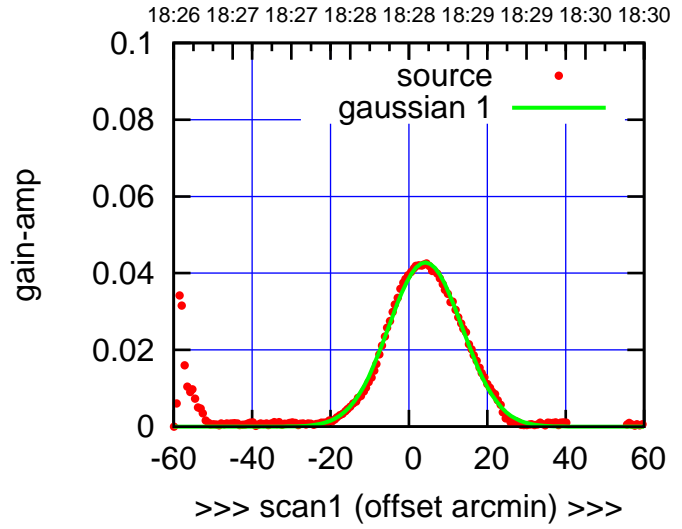
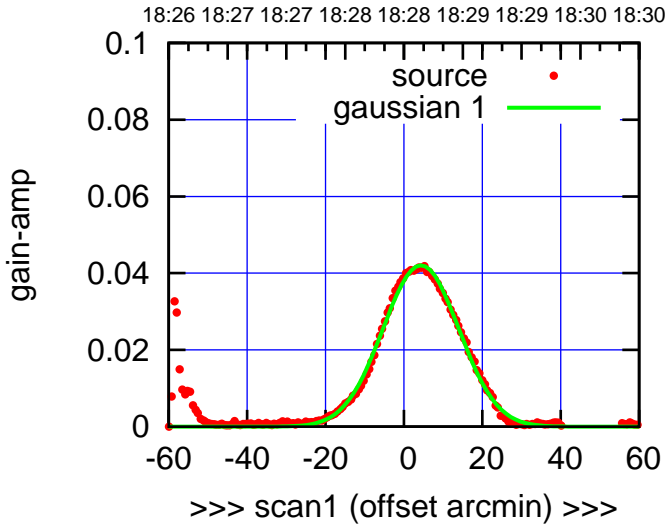


C00-130-EL OFF= 4.3' (22.8')

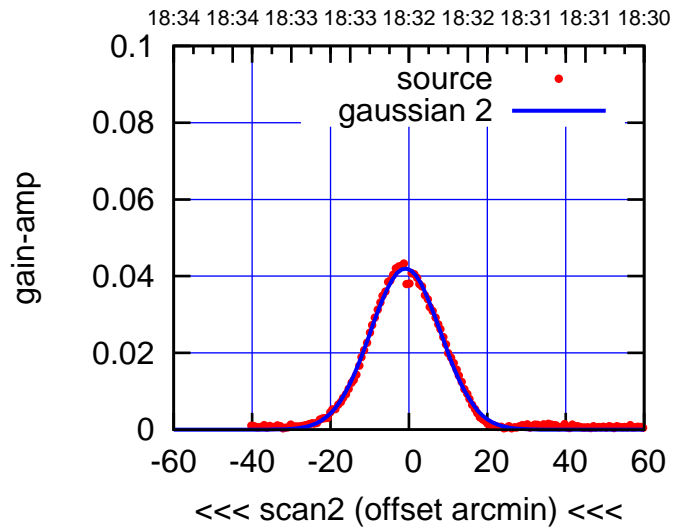
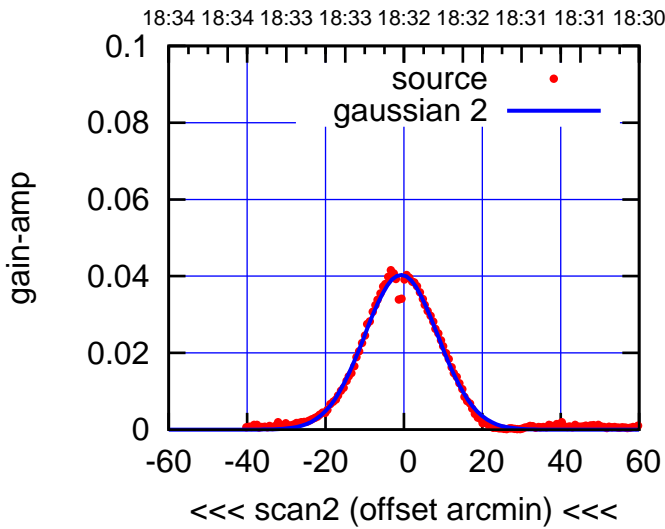
C00-175-EL OFF= 4.2' (22.1')



(+30'/m) 03Jan2023 18:28:30

C00-130-EL OFF= -0.7' (22.1')

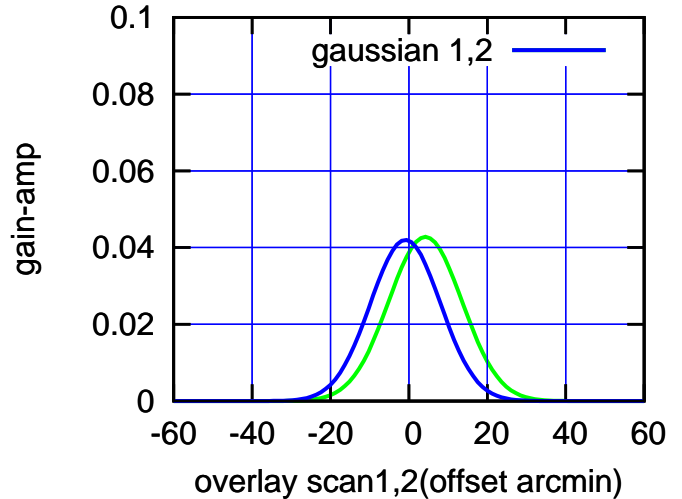
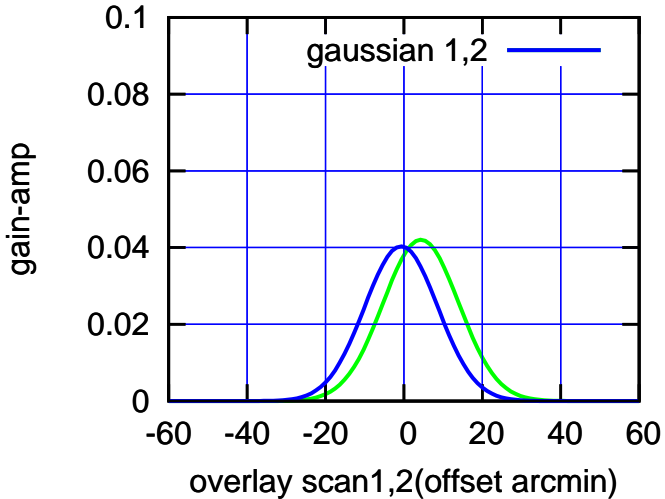
C00-175-EL OFF= -0.9' (21.0')



(-30'/m) 03Jan2023 18:32:30

BACKLASH ERROR= 5.0'

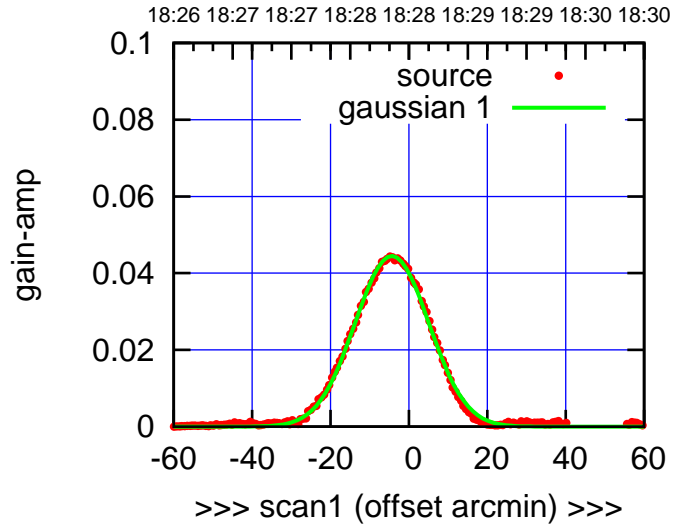
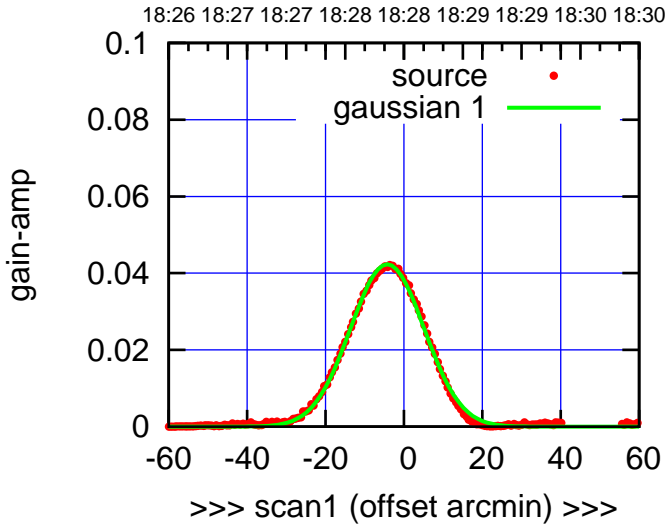
BACKLASH ERROR= 5.1'



(1460 MHz.)

C01-130-EL OFF= -4.2' (22.1')

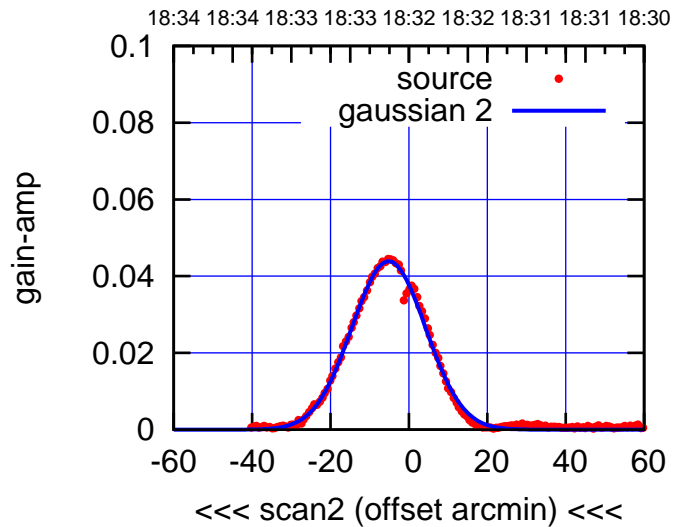
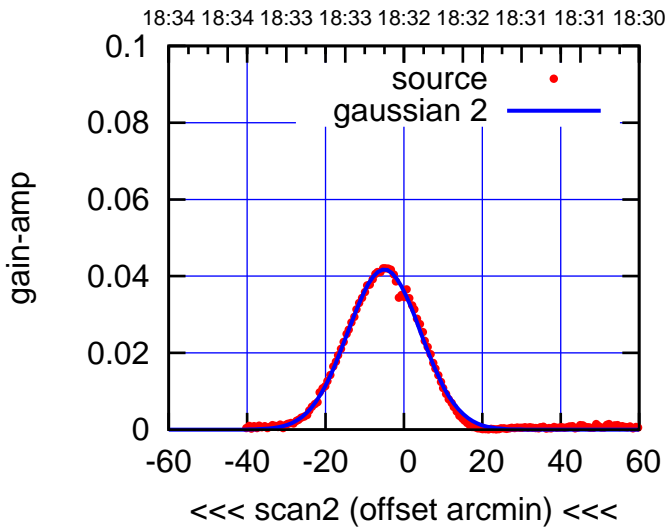
C01-175-EL OFF= -4.3' (22.2')



(+30'/m) 03Jan2023 18:28:30

C01-130-EL OFF= -5.0' (22.0')

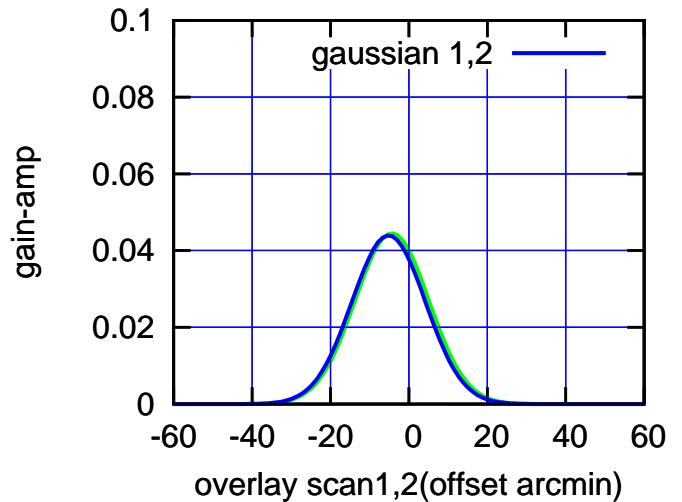
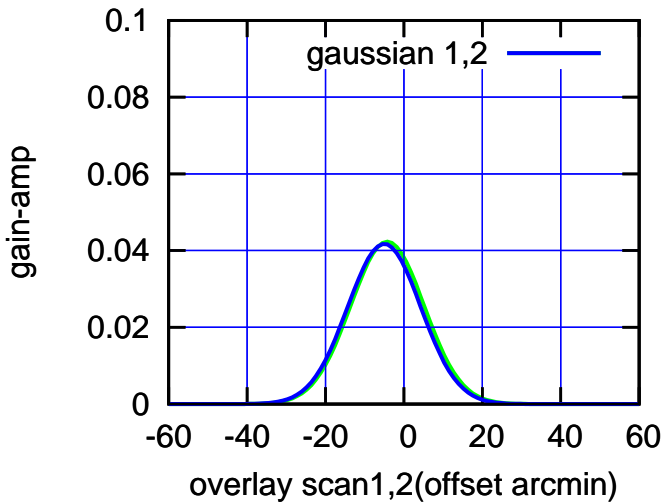
C01-175-EL OFF= -5.2' (22.1')



(-30'/m) 03Jan2023 18:32:30

BACKLASH ERROR= 0.8'

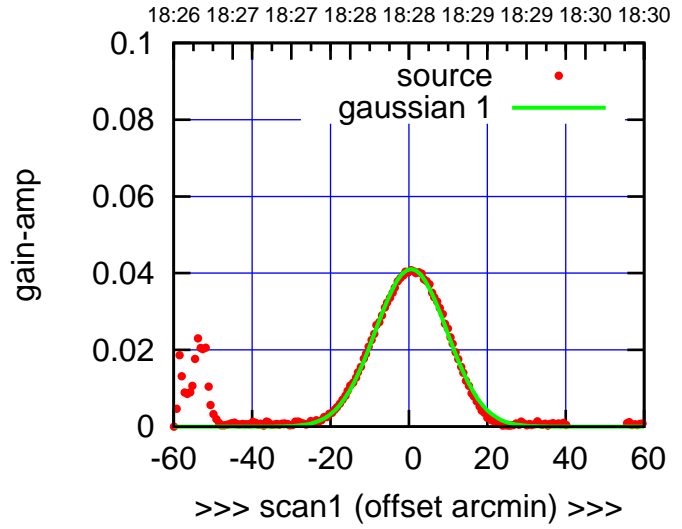
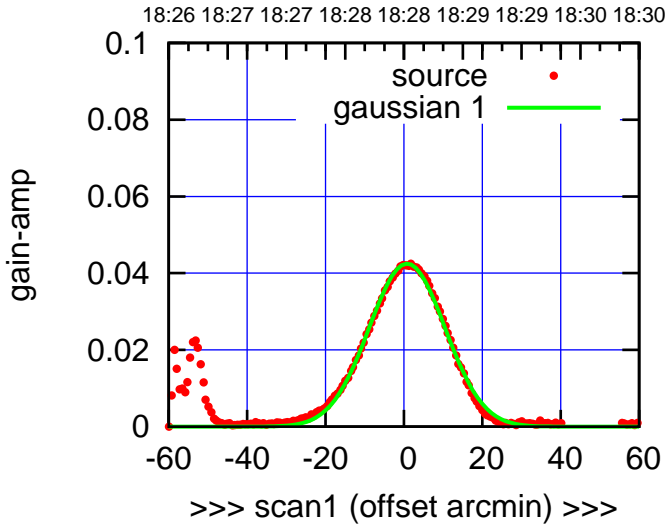
BACKLASH ERROR= 0.9'



(1460 MHz.)

C02-130-EL OFF= 0.8' (22.8')

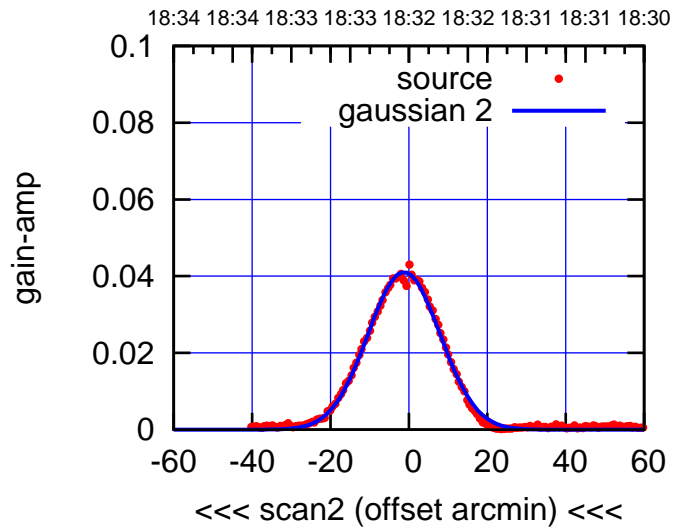
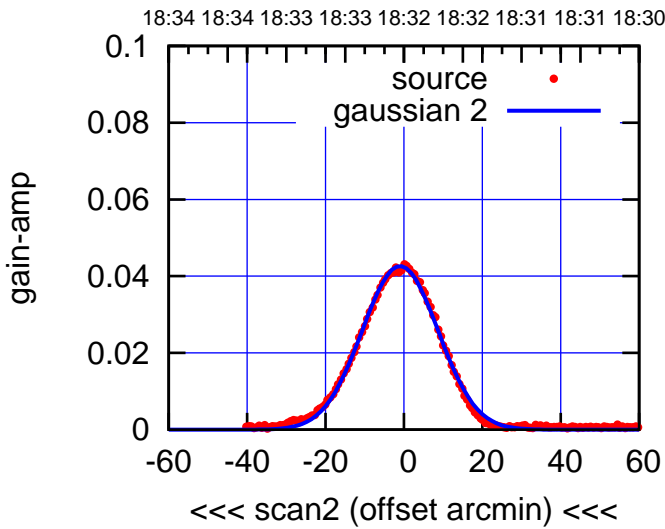
C02-175-EL OFF= 0.6' (21.5')



(+30'/m) 03Jan2023 18:28:30

C02-130-EL OFF= -1.0' (22.8')

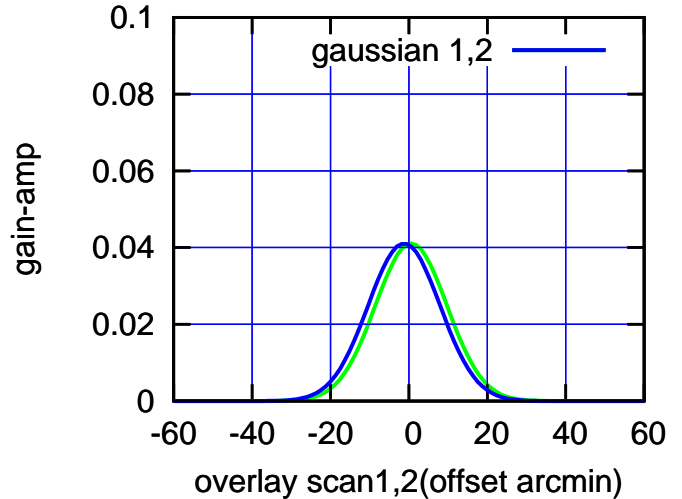
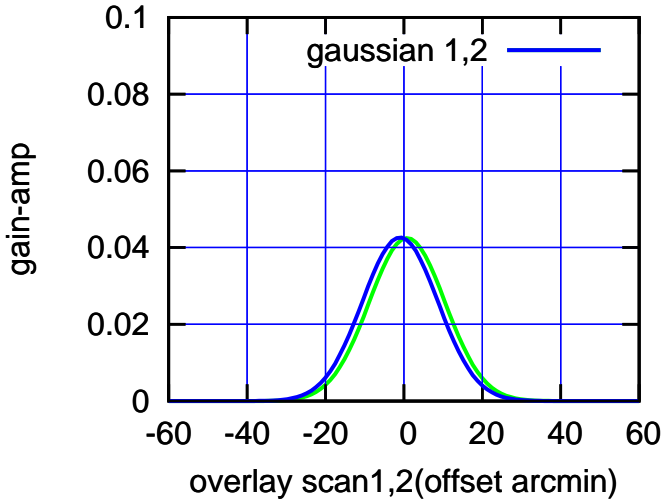
C02-175-EL OFF= -1.2' (21.6')



(-30'/m) 03Jan2023 18:32:30

BACKLASH ERROR= 1.8'

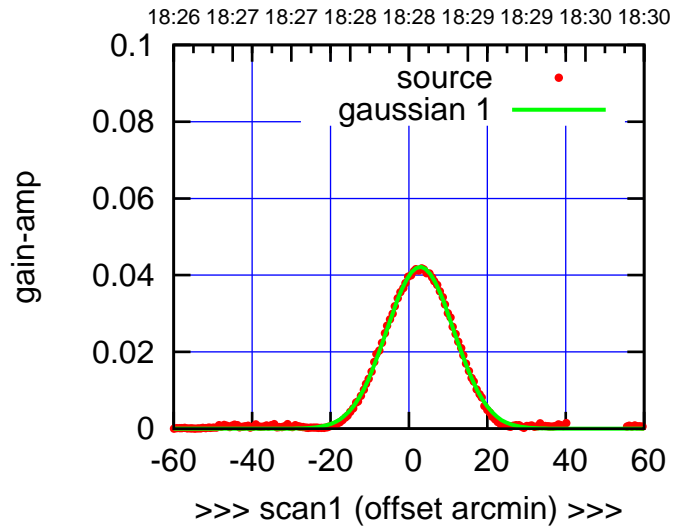
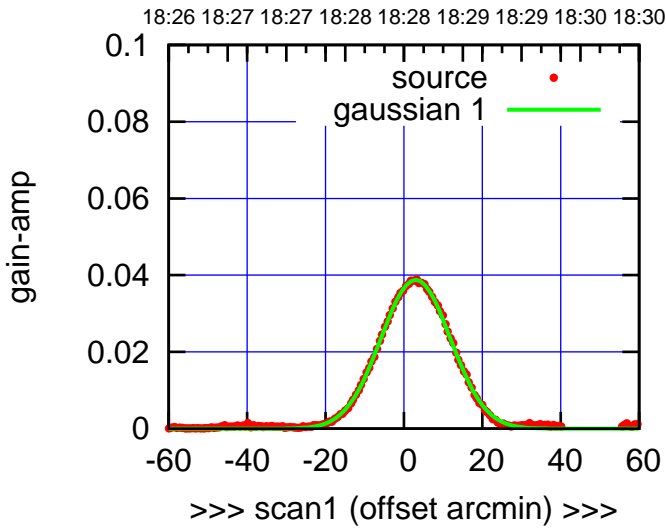
BACKLASH ERROR= 1.8'



(1460 MHz.)

C03-130-EL OFF= 3.0' (20.8')

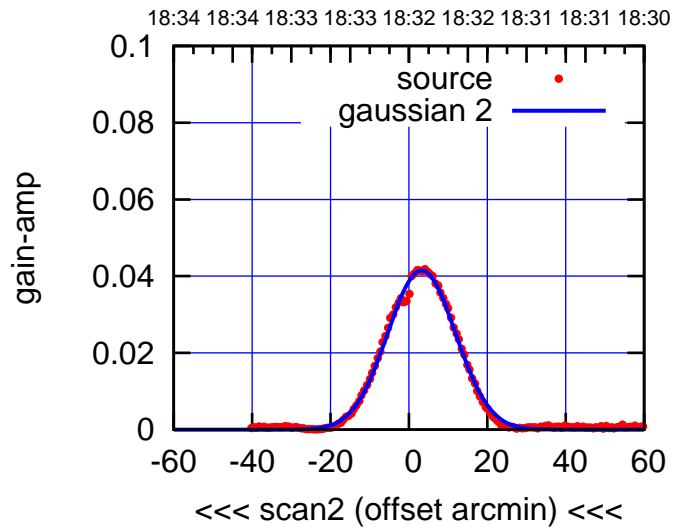
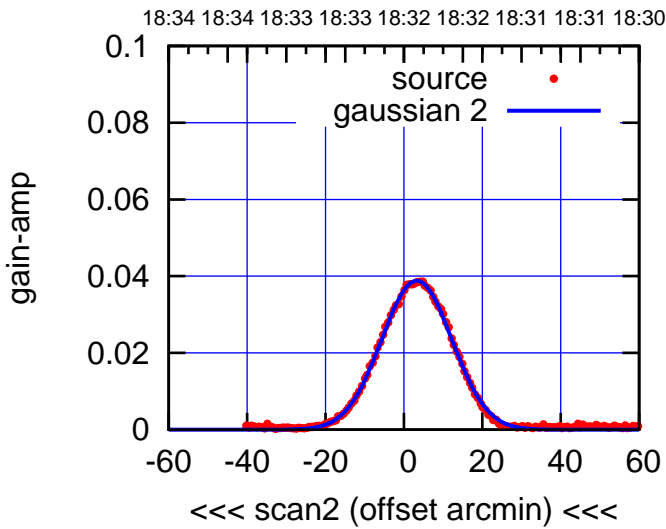
C03-175-EL OFF= 2.9' (20.2')



(+30'/m) 03Jan2023 18:28:30

C03-130-EL OFF= 3.3' (21.0')

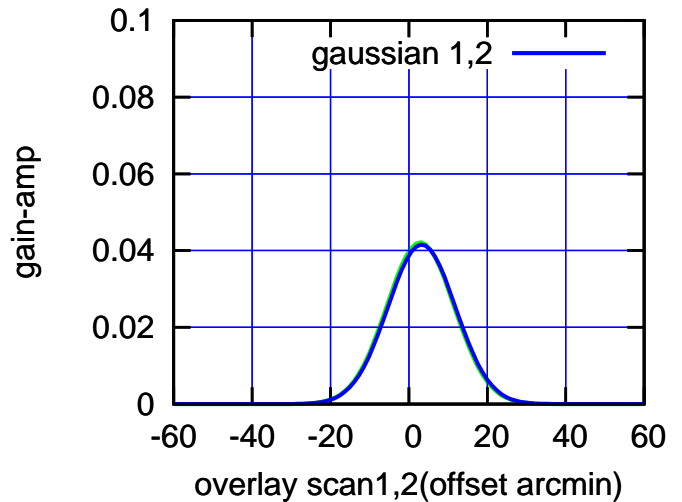
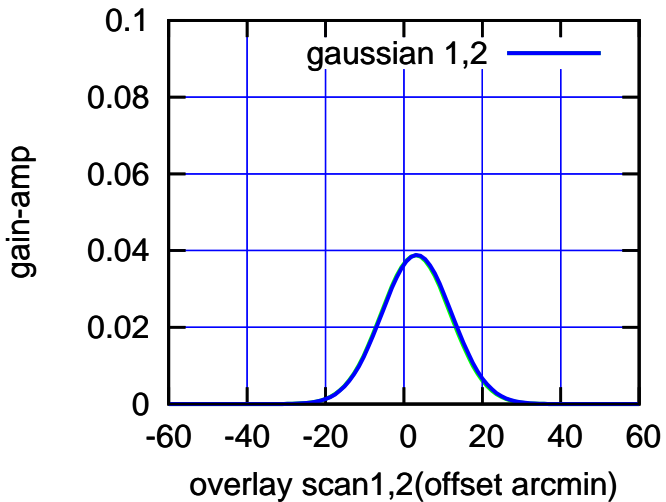
C03-175-EL OFF= 3.2' (20.4')



(-30'/m) 03Jan2023 18:32:30

BACKLASH ERROR= -0.3'

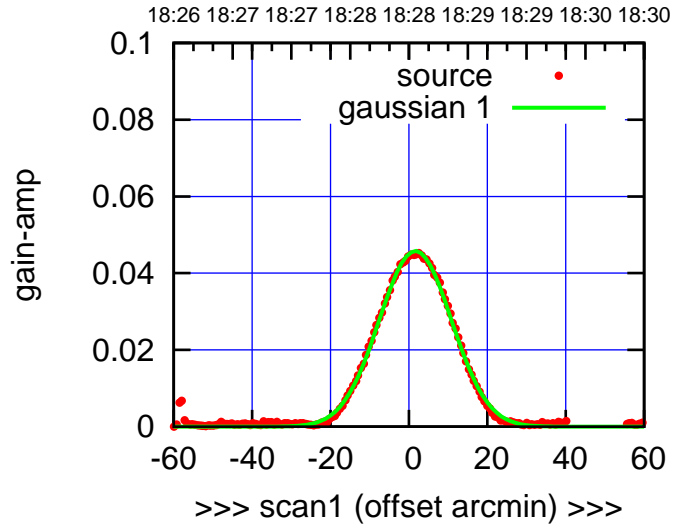
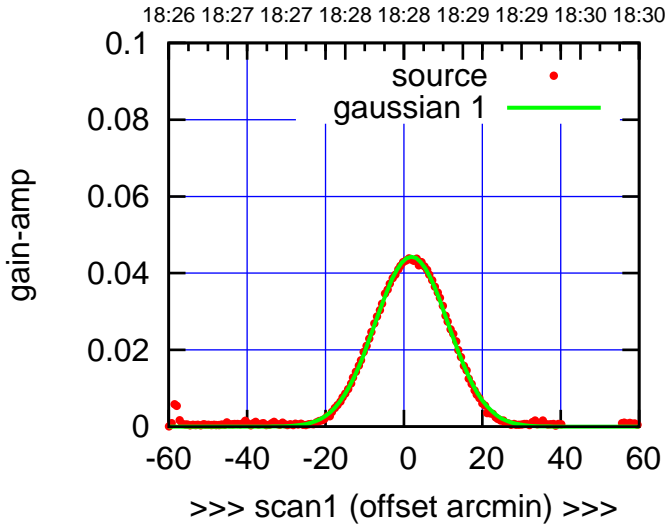
BACKLASH ERROR= -0.3'



(1460 MHz.)

C04-130-EL OFF= 1.9' (22.0')

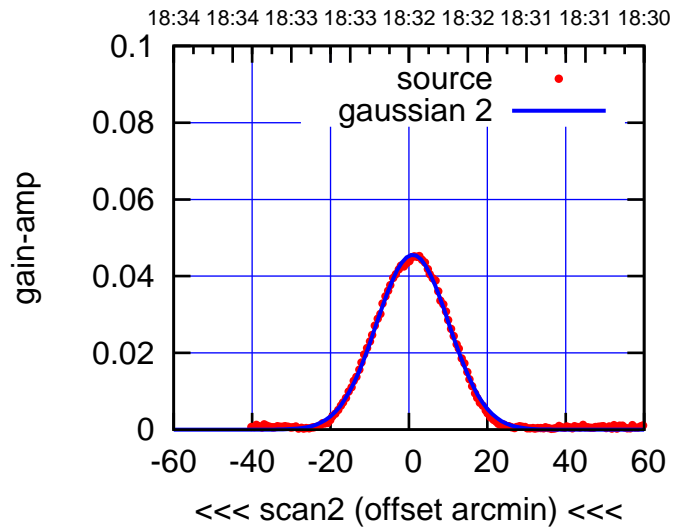
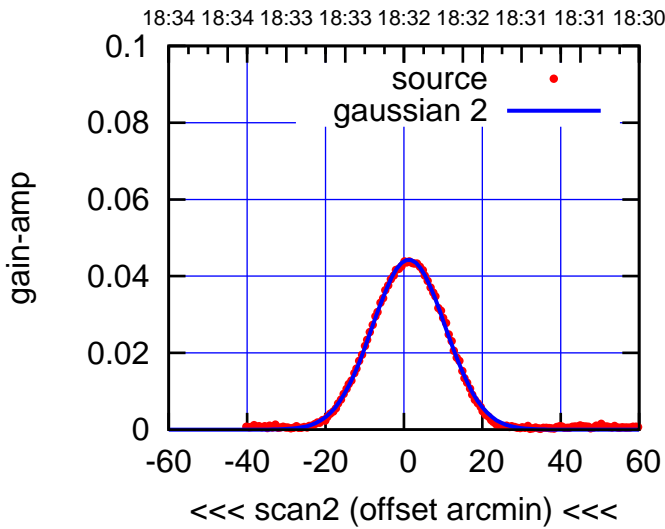
C04-175-EL OFF= 1.6' (21.7')



(+30'/m) 03Jan2023 18:28:30

C04-130-EL OFF= 1.3' (21.9')

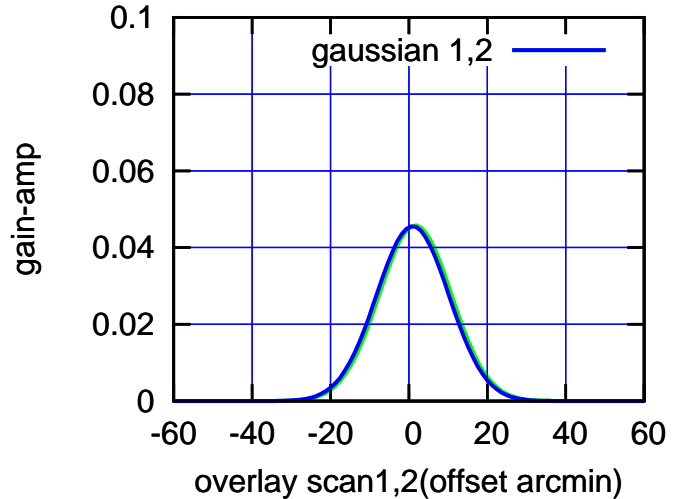
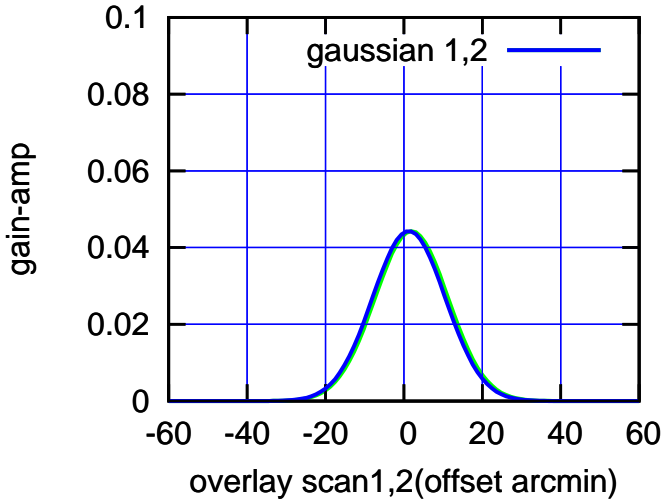
C04-175-EL OFF= 1.0' (21.7')



(-30'/m) 03Jan2023 18:32:30

BACKLASH ERROR= 0.6'

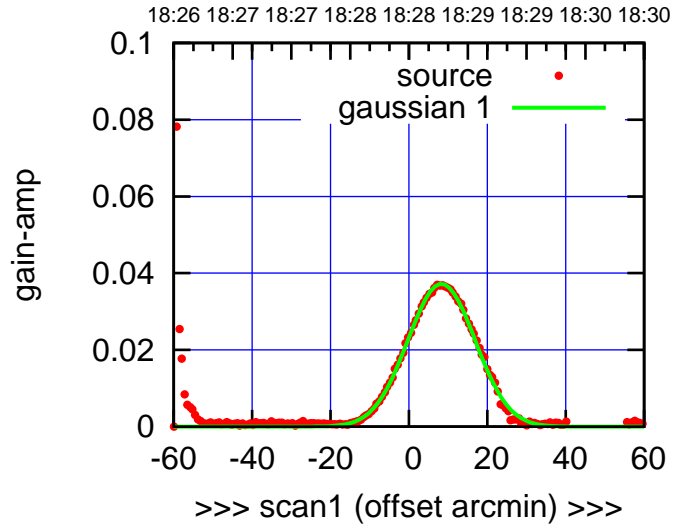
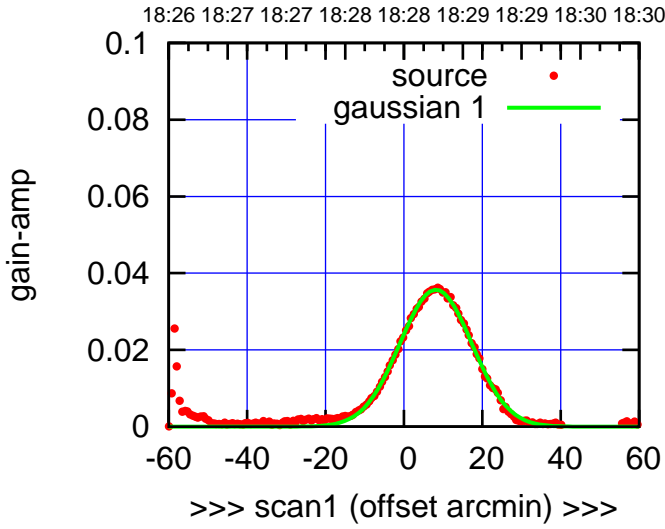
BACKLASH ERROR= 0.6'



(1460 MHz.)

C05-130-EL OFF= 8.2' (21.6")

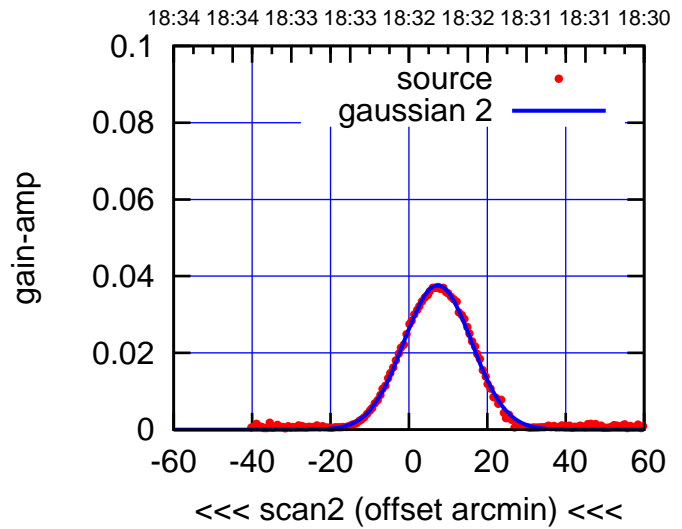
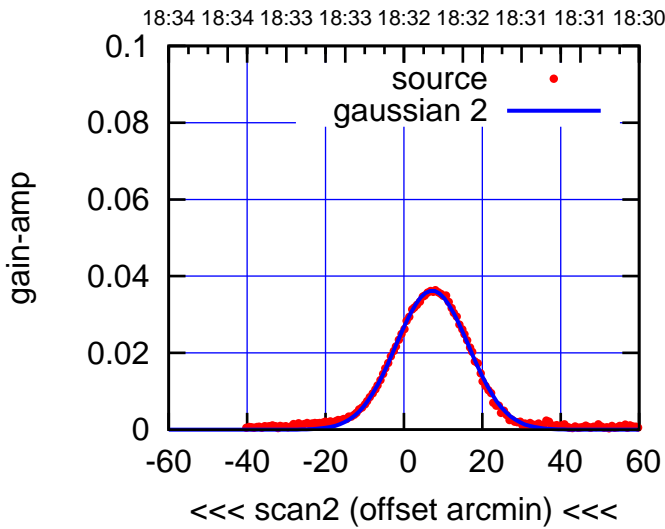
C05-175-EL OFF= 8.3' (20.2")



(+30'/m) 03Jan2023 18:28:30

C05-130-EL OFF= 7.2' (21.8")

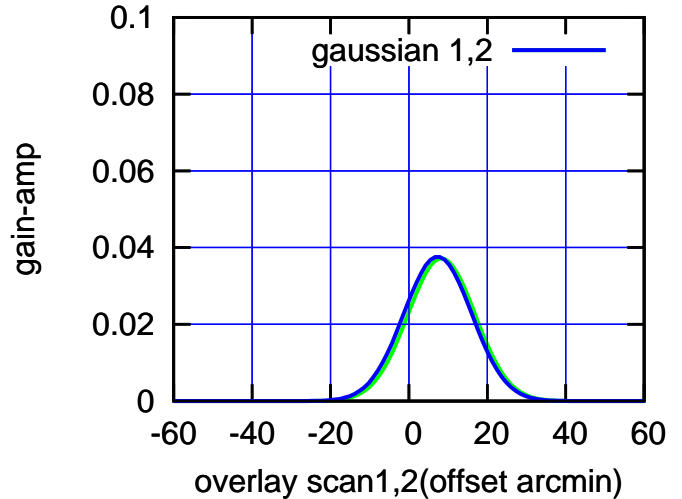
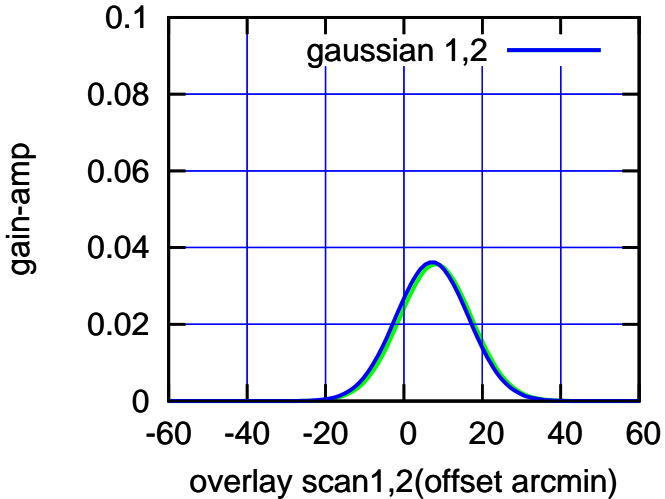
C05-175-EL OFF= 7.3' (20.4")



(-30'/m) 03Jan2023 18:32:30

BACKLASH ERROR= 1.0'

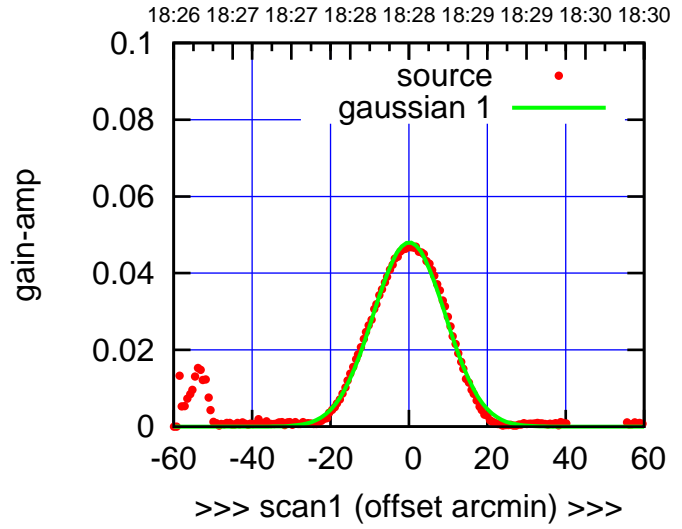
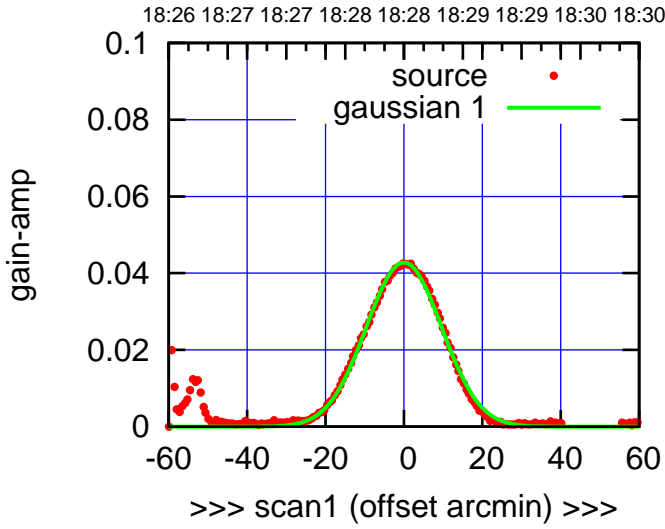
BACKLASH ERROR= 1.0'



(1460 MHz.)

C06-130-EL OFF= 0.0' (22.6')

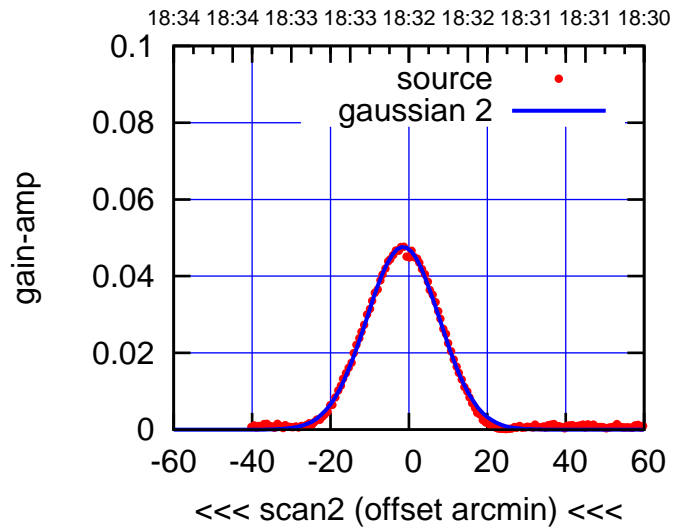
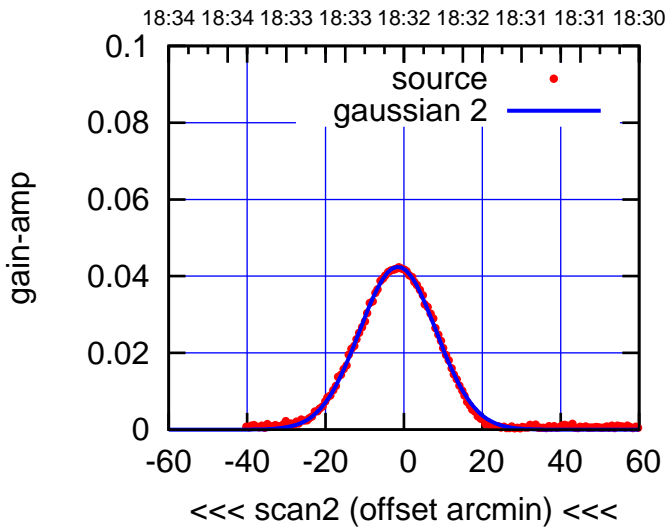
C06-175-EL OFF= 0.1' (21.7')



(+30'/m) 03Jan2023 18:28:30

C06-130-EL OFF= -1.6' (23.0')

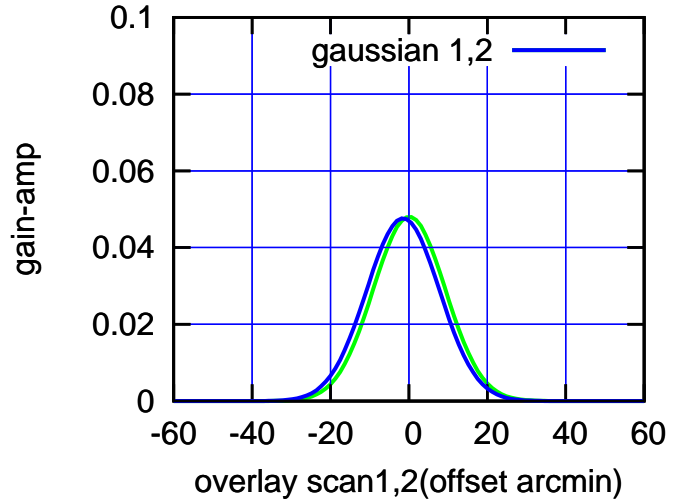
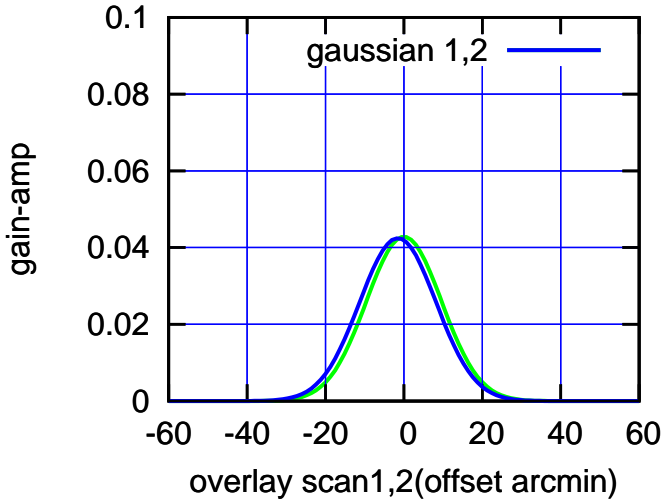
C06-175-EL OFF= -1.5' (21.9')



(-30'/m) 03Jan2023 18:32:30

BACKLASH ERROR= 1.6'

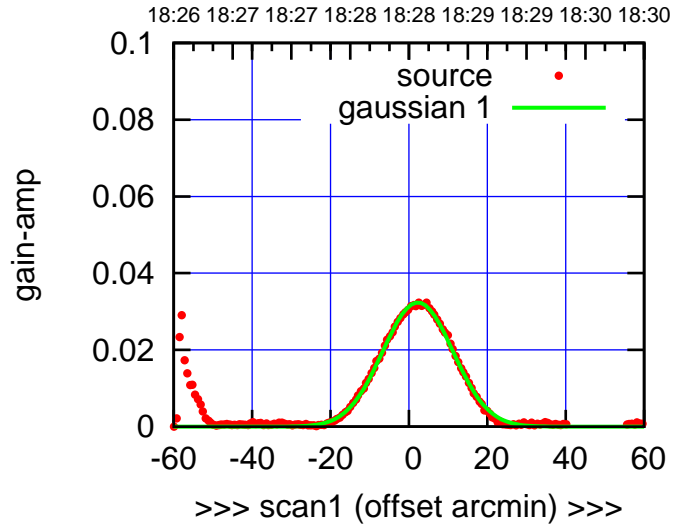
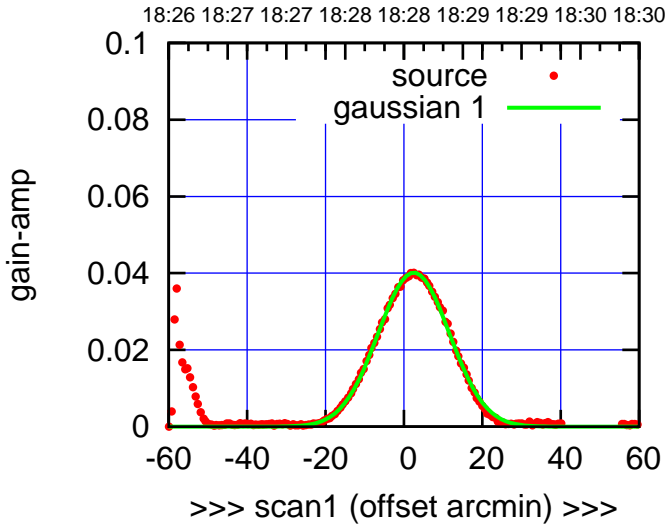
BACKLASH ERROR= 1.6'



(1460 MHz.)

C08-130-EL OFF= 2.5' (21.4')

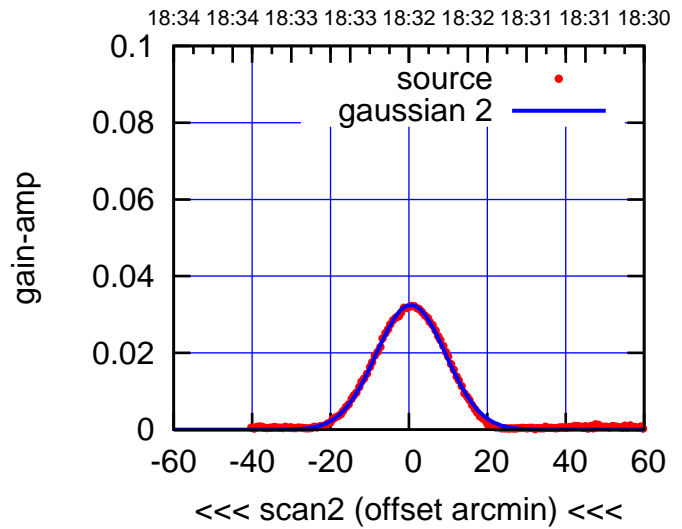
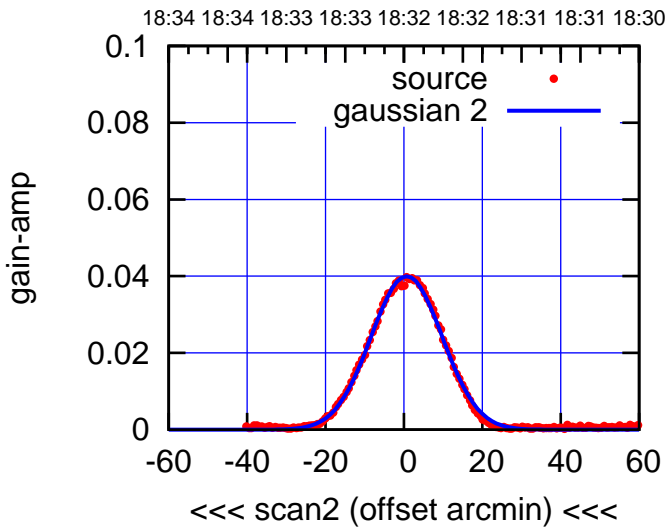
C08-175-EL OFF= 2.3' (21.1')



(+30'/m) 03Jan2023 18:28:30

C08-130-EL OFF= 0.7' (21.3')

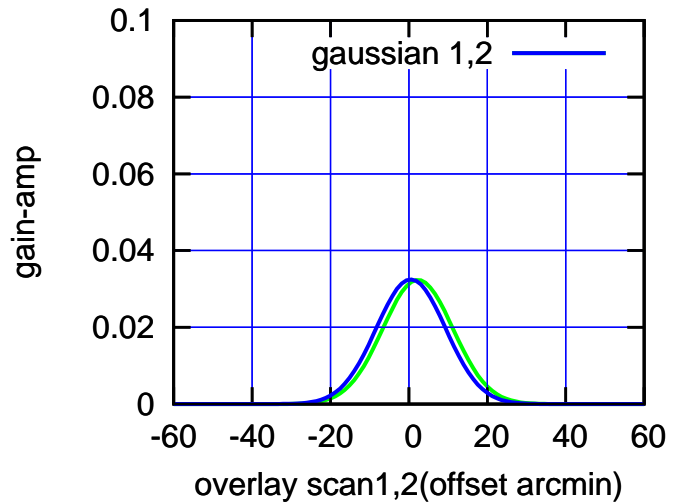
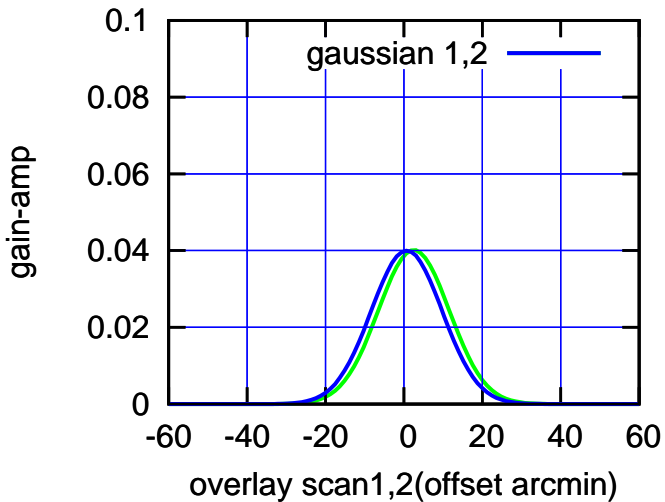
C08-175-EL OFF= 0.5' (20.9')



(-30'/m) 03Jan2023 18:32:30

BACKLASH ERROR= 1.8'

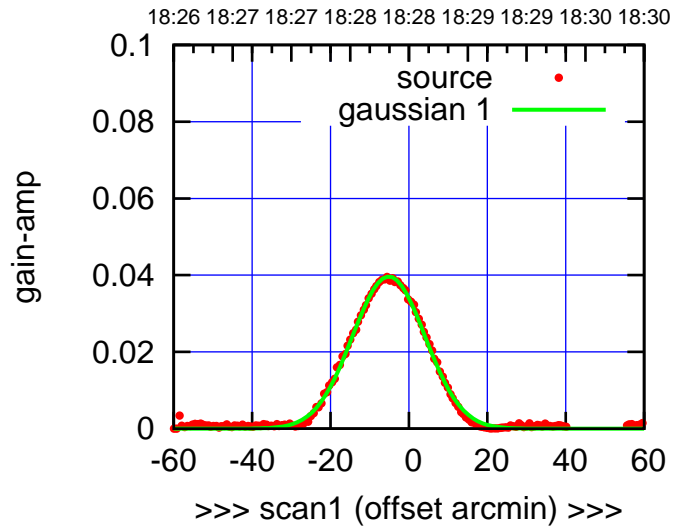
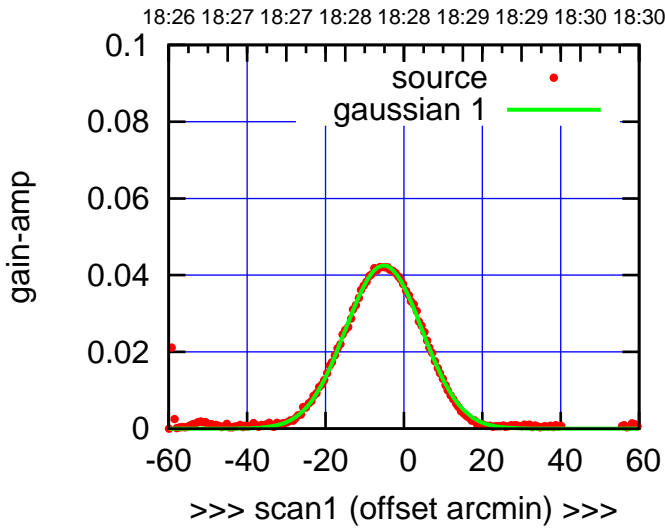
BACKLASH ERROR= 1.8'



(1460 MHz.)

C09-130-EL OFF= -5.1' (23.0')

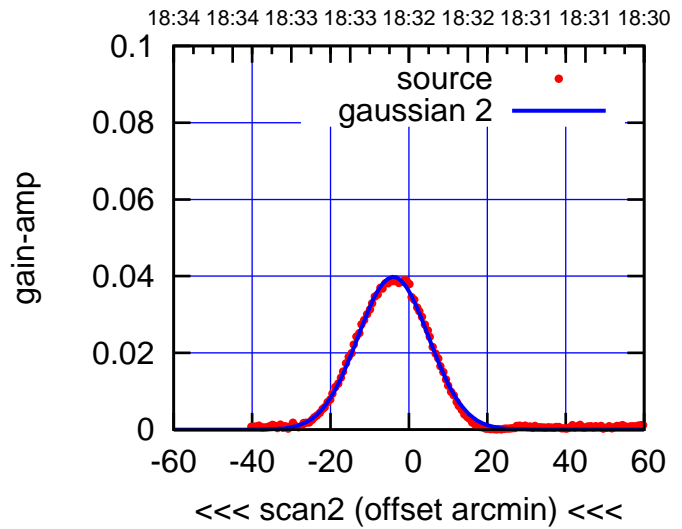
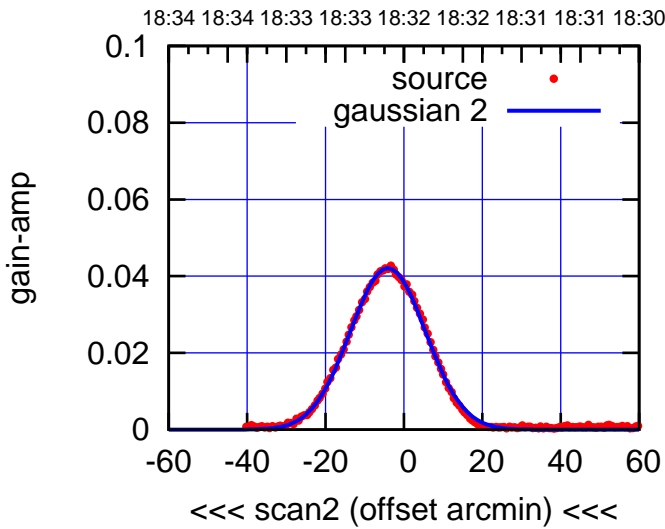
C09-175-EL OFF= -5.1' (21.8')



(+30'/m) 03Jan2023 18:28:30

C09-130-EL OFF= -4.1' (22.6')

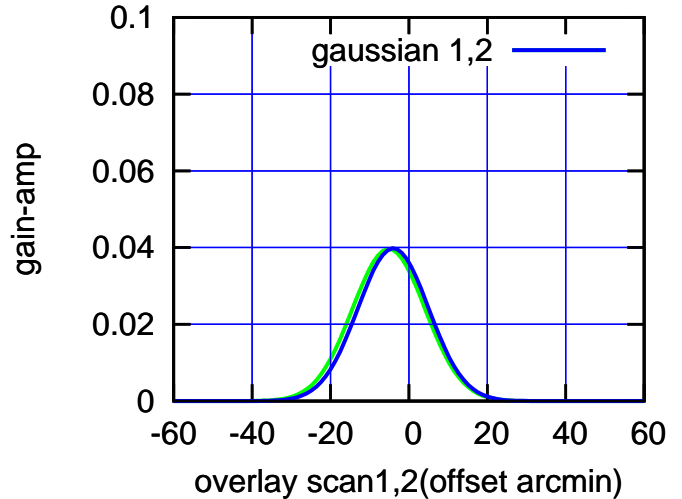
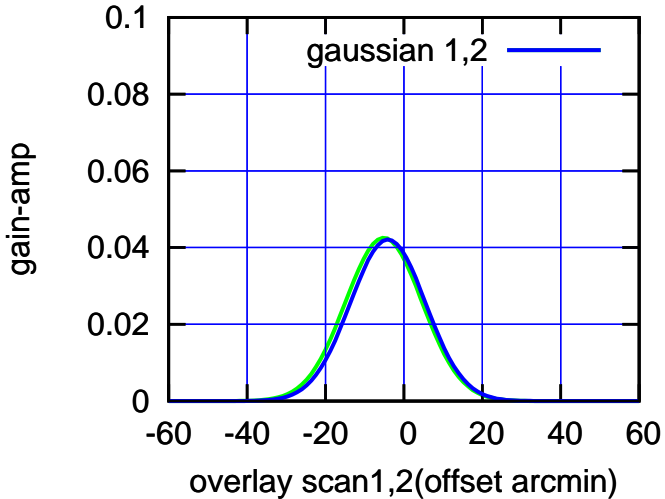
C09-175-EL OFF= -4.0' (21.3')



(-30'/m) 03Jan2023 18:32:30

BACKLASH ERROR= -1.0'

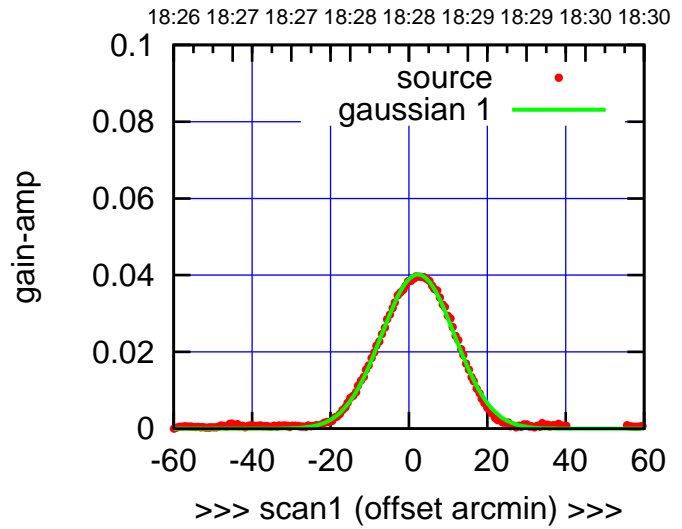
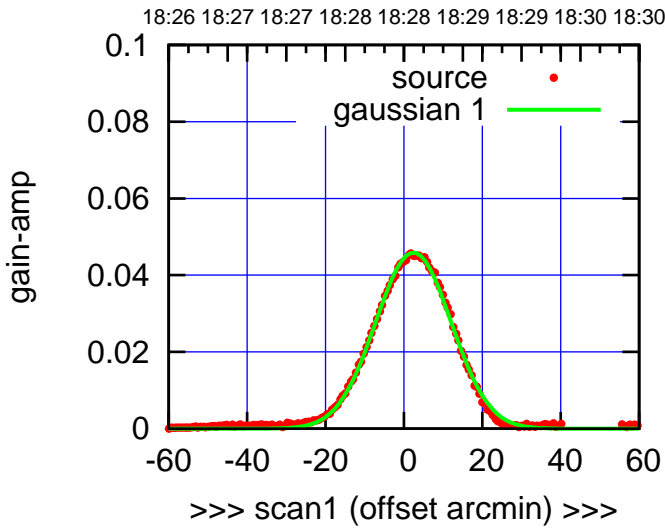
BACKLASH ERROR= -1.1'



(1460 MHz.)

C10-130-EL OFF= 2.4' (22.6')

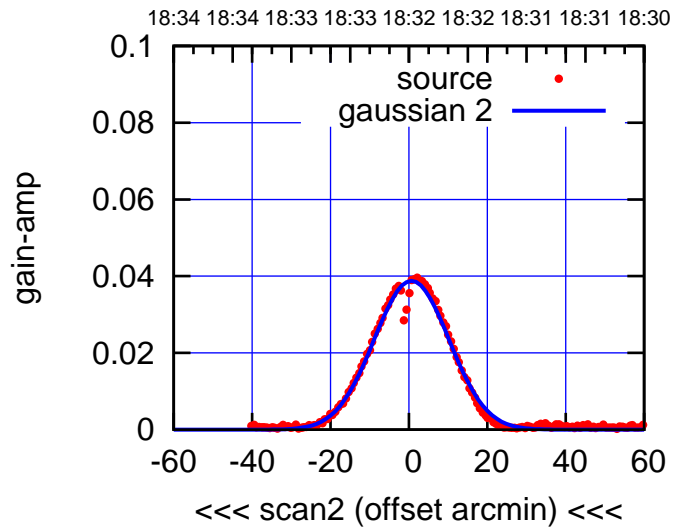
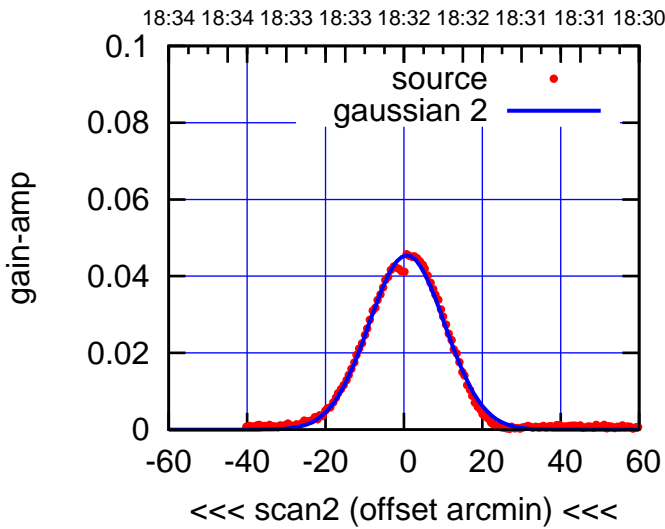
C10-175-EL OFF= 2.3' (22.0')



(+30'/m) 03Jan2023 18:28:30

C10-130-EL OFF= 0.7' (22.7')

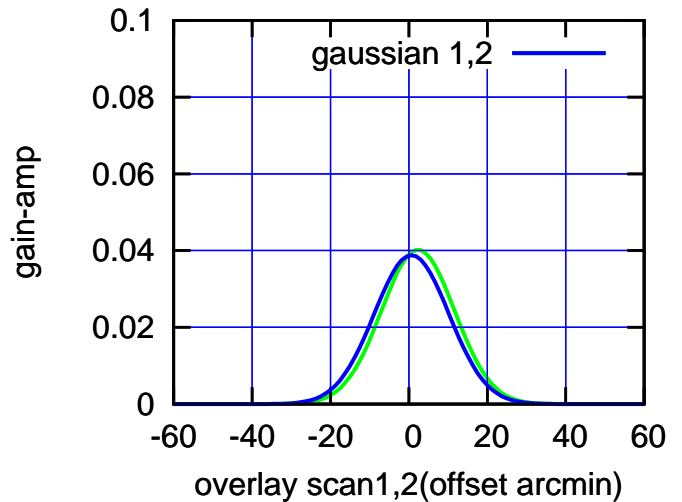
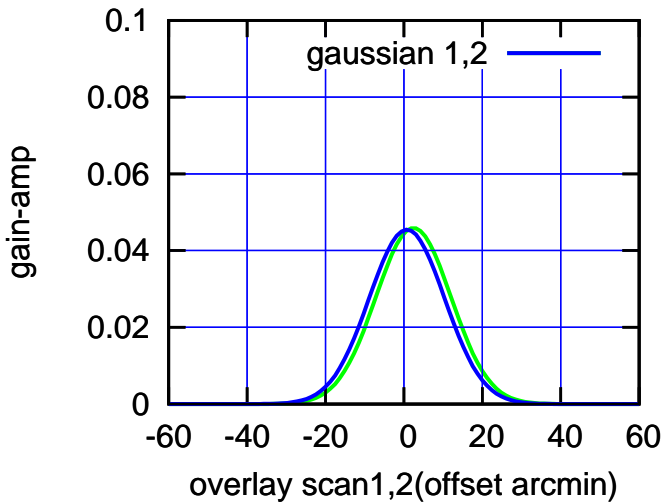
C10-175-EL OFF= 0.7' (22.4')



(-30'/m) 03Jan2023 18:32:30

BACKLASH ERROR= 1.7'

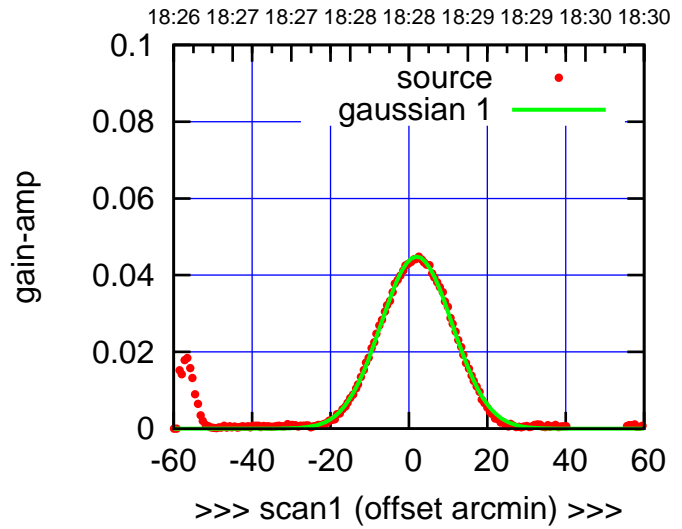
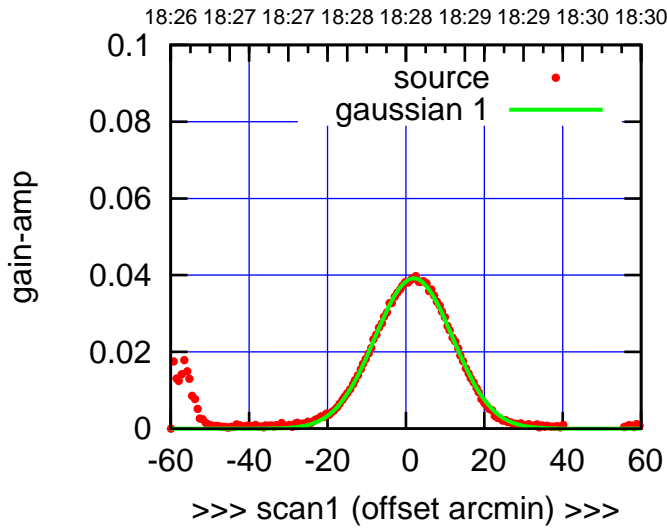
BACKLASH ERROR= 1.6'



(1460 MHz.)

C11-130-EL OFF= 2.0' (23.3')

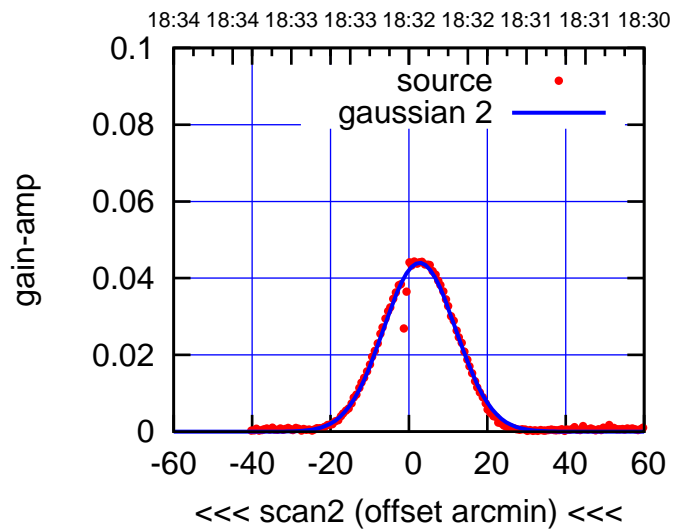
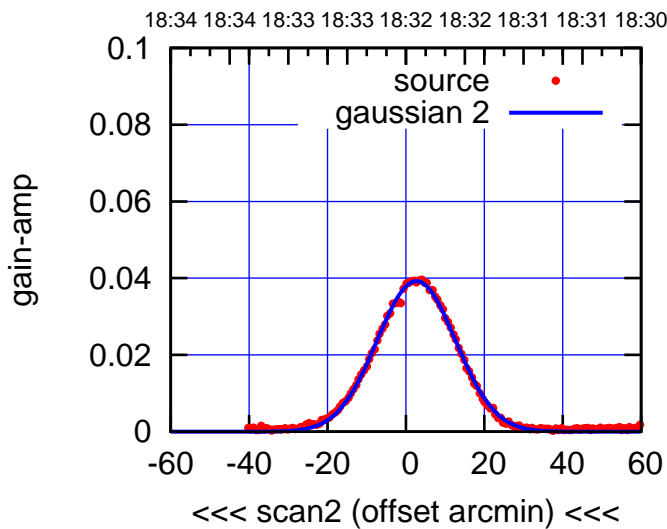
C11-175-EL OFF= 2.0' (21.5')



(+30'/m) 03Jan2023 18:28:30

C11-130-EL OFF= 2.7' (23.5')

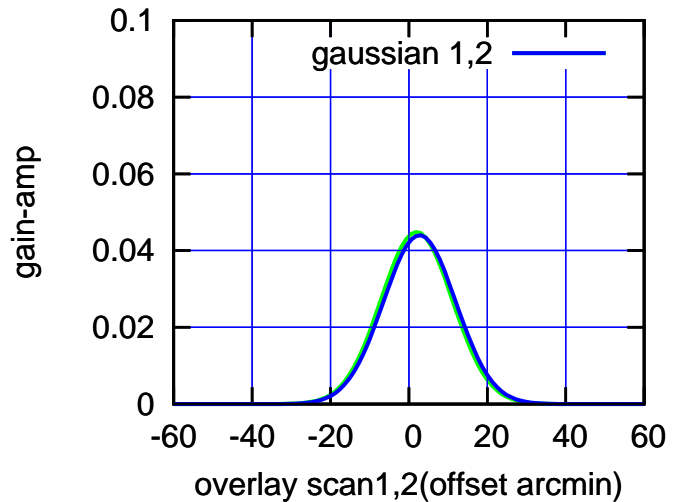
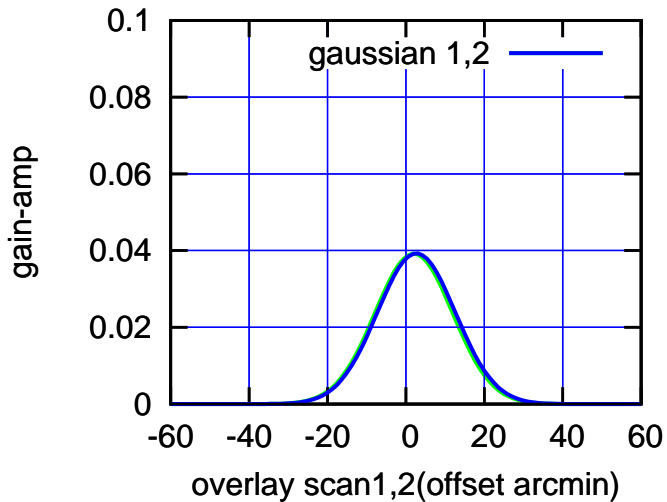
C11-175-EL OFF= 2.7' (21.7')



(-30'/m) 03Jan2023 18:32:30

BACKLASH ERROR= -0.7'

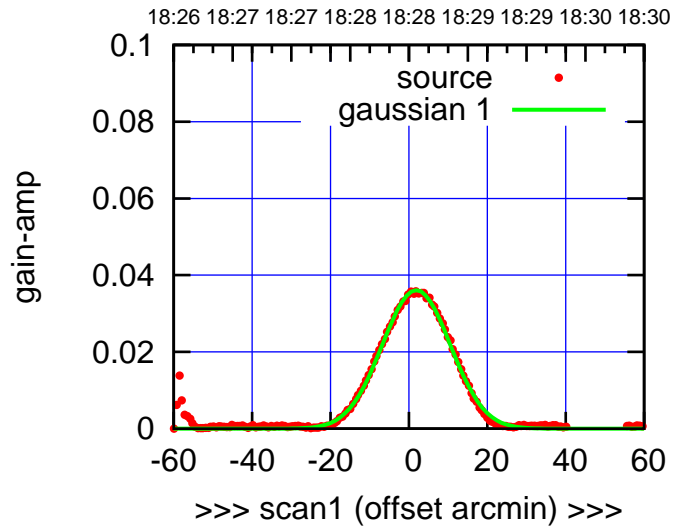
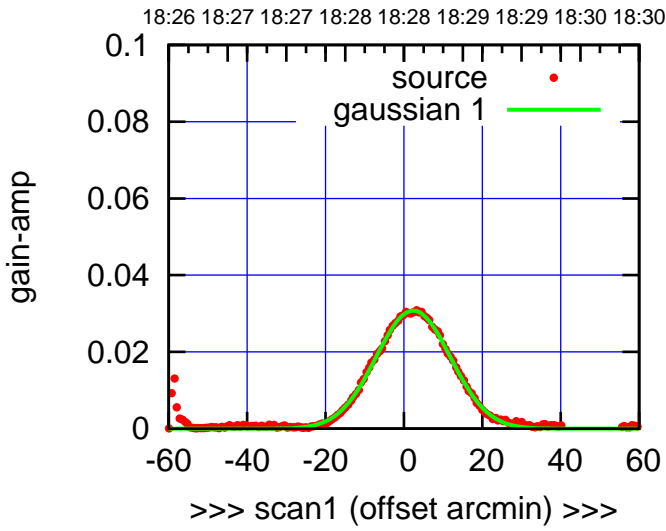
BACKLASH ERROR= -0.7'



(1460 MHz.)

C12-130-EL OFF= 2.4' (22.3')

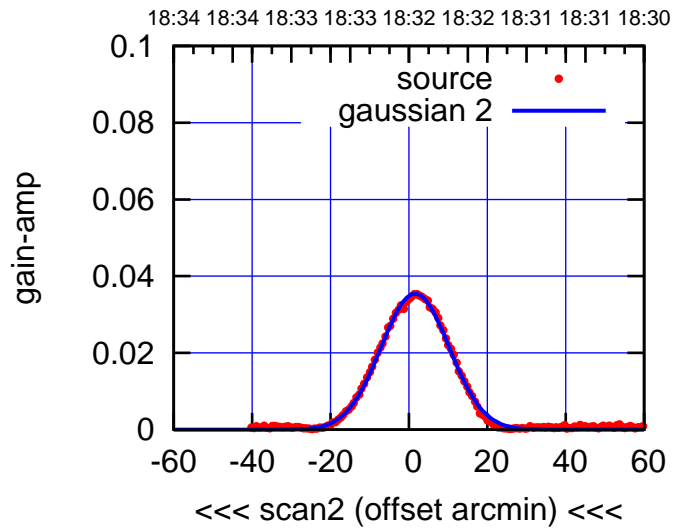
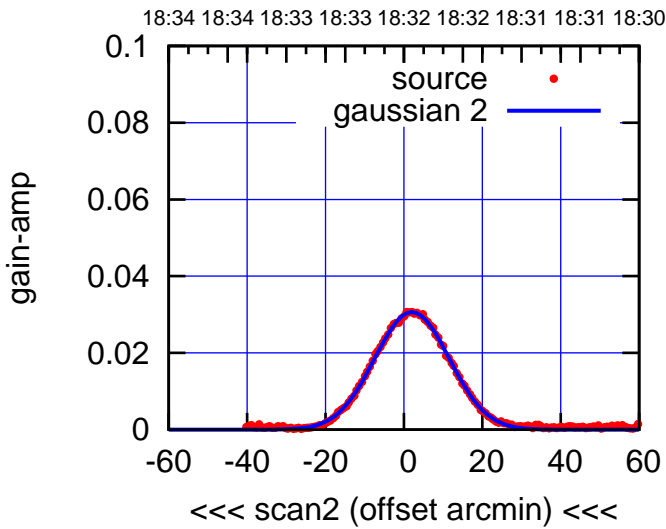
C12-175-EL OFF= 1.9' (20.4')



(+30'/m) 03Jan2023 18:28:30

C12-130-EL OFF= 2.0' (22.4')

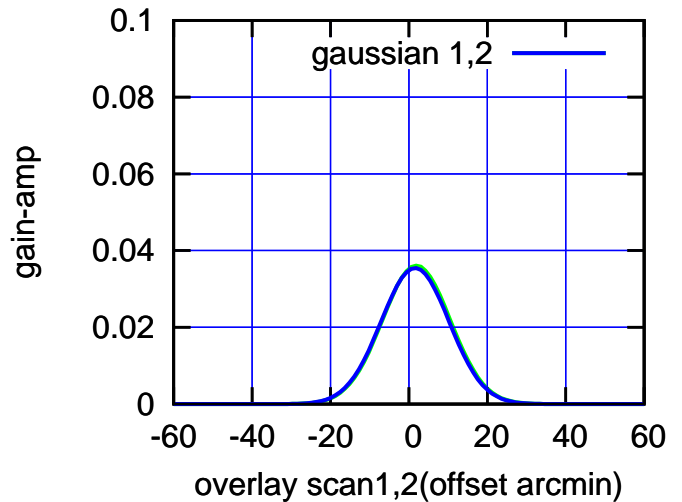
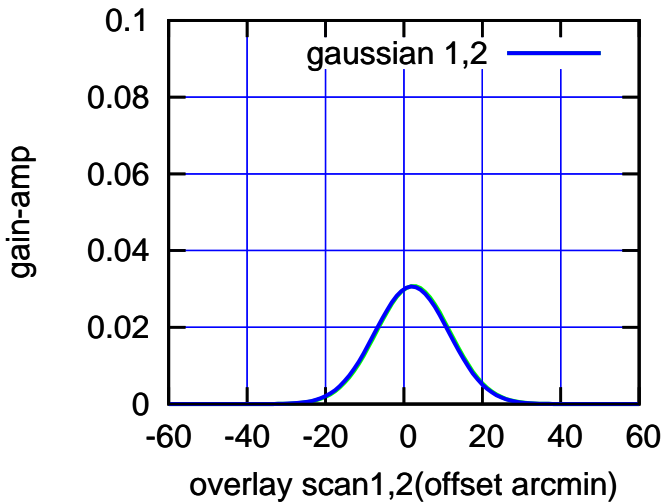
C12-175-EL OFF= 1.6' (20.4')



(-30'/m) 03Jan2023 18:32:30

BACKLASH ERROR= 0.4'

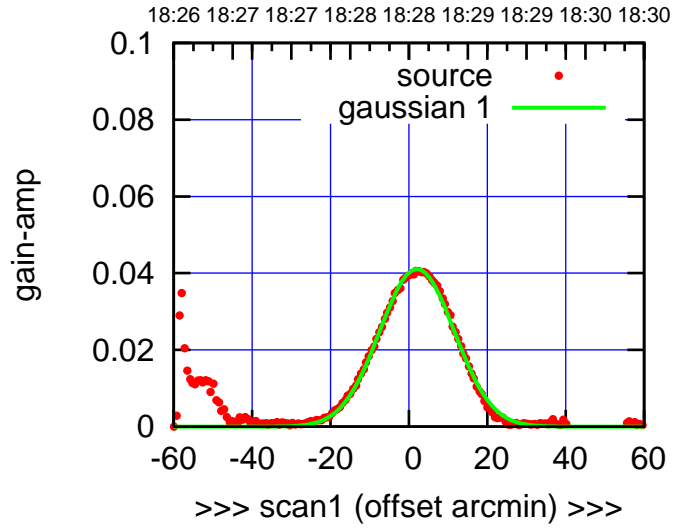
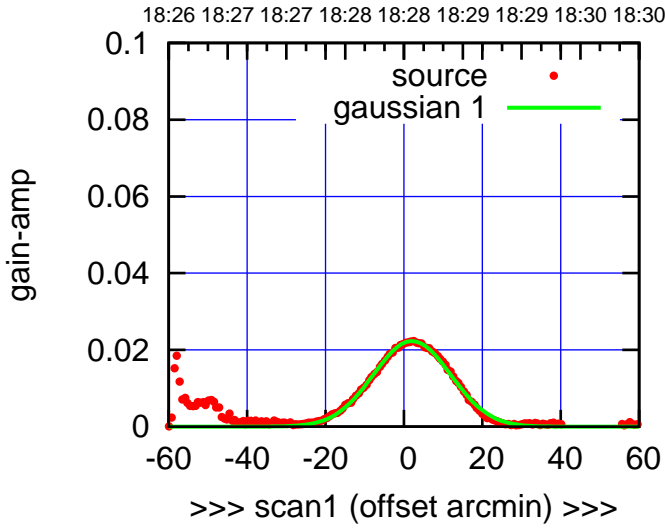
BACKLASH ERROR= 0.3'



(1460 MHz.)

C13-130-EL OFF= 2.1' (23.2')

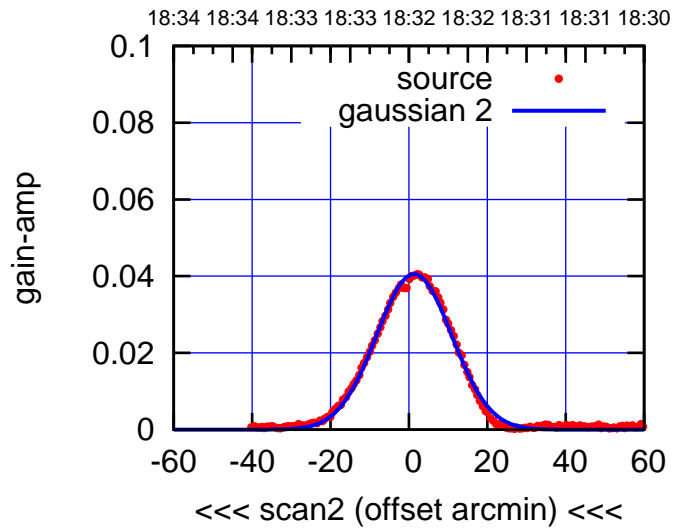
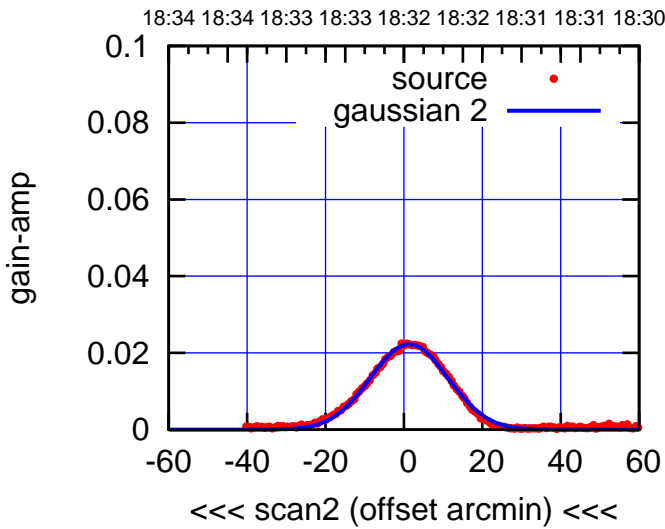
C13-175-EL OFF= 2.1' (22.4')



(+30'/m) 03Jan2023 18:28:30

C13-130-EL OFF= 1.3' (23.3')

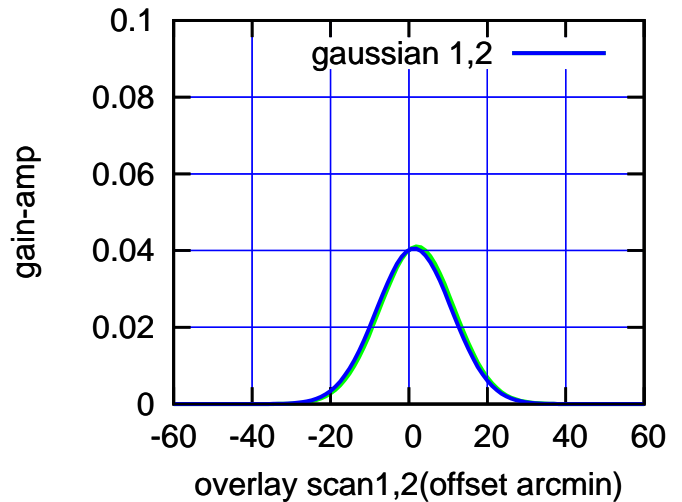
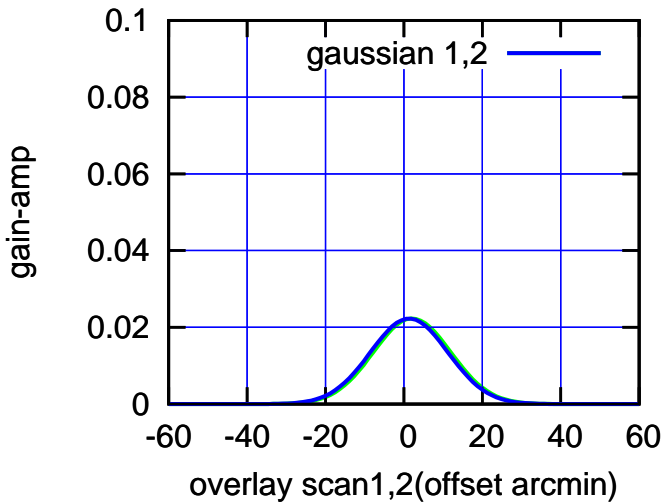
C13-175-EL OFF= 1.3' (22.6')



(-30'/m) 03Jan2023 18:32:30

BACKLASH ERROR= 0.8'

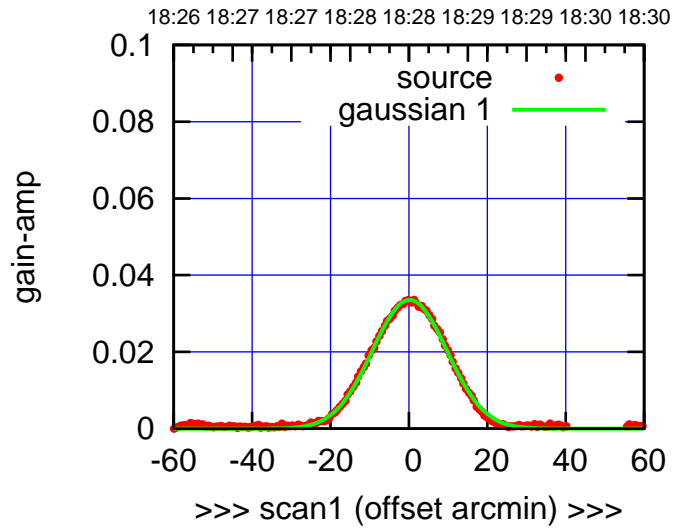
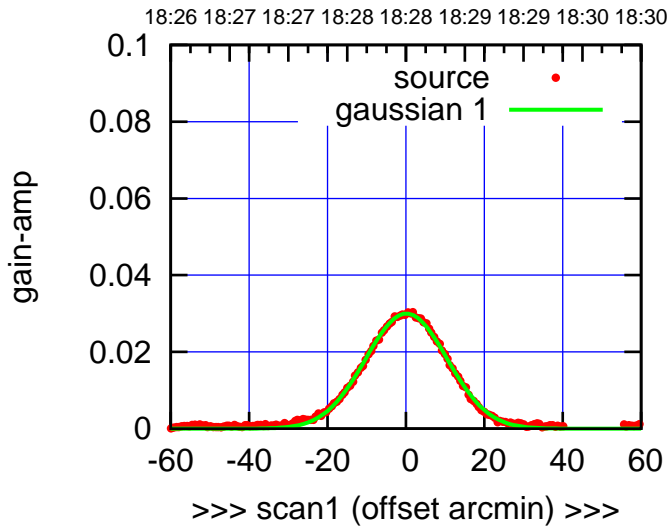
BACKLASH ERROR= 0.8'



(1460 MHz.)

C14-130-EL OFF= 0.1' (24.5')

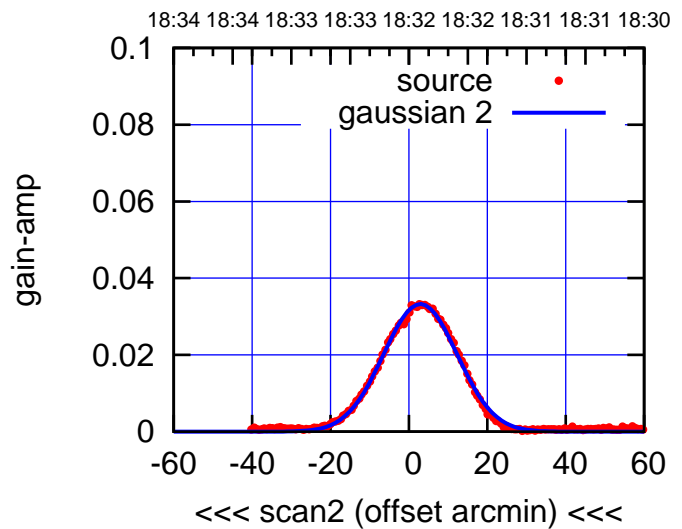
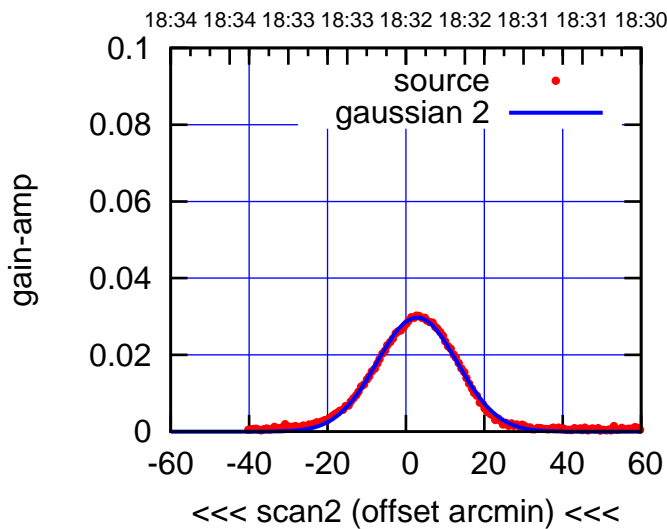
C14-175-EL OFF= 0.2' (22.4')



(+30'/m) 03Jan2023 18:28:30

C14-130-EL OFF= 2.8' (24.1')

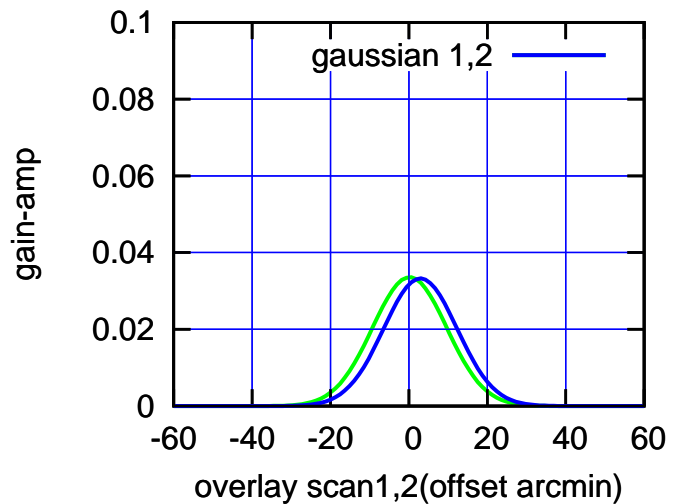
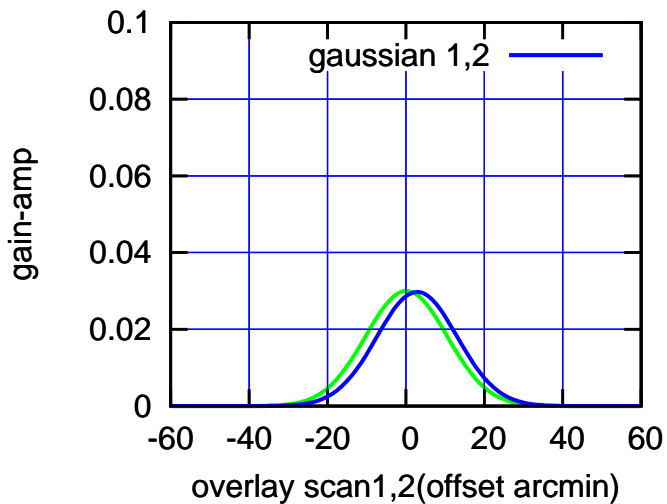
C14-175-EL OFF= 2.9' (22.1')



(-30'/m) 03Jan2023 18:32:30

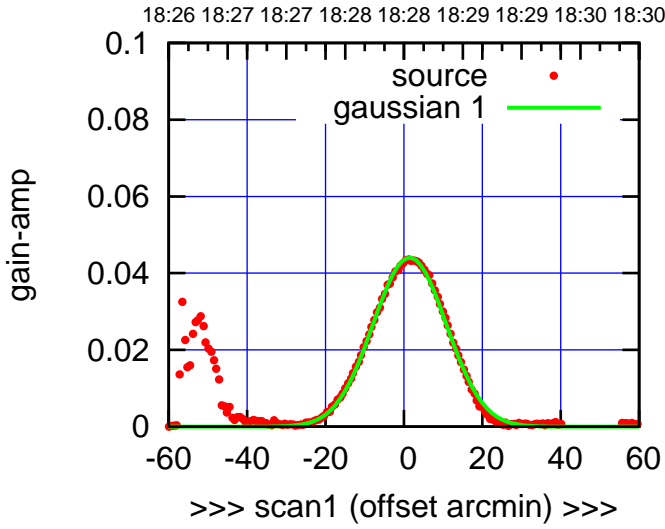
BACKLASH ERROR= -2.7'

BACKLASH ERROR= -2.7'

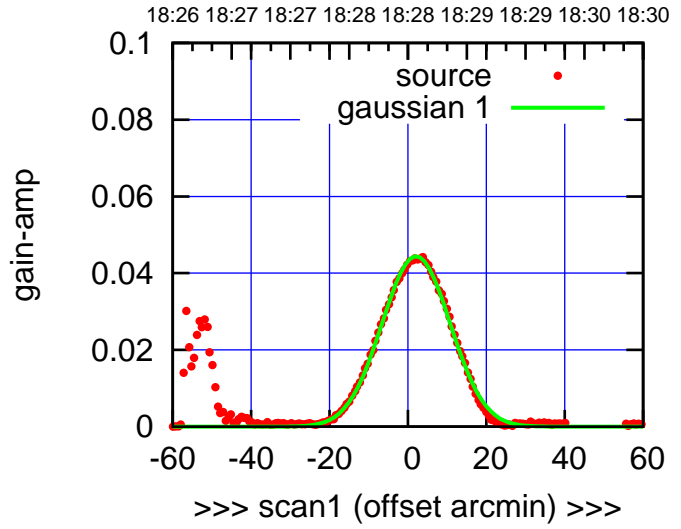


(1460 MHz.)

E02-130-EL OFF= 1.5' (22.0')

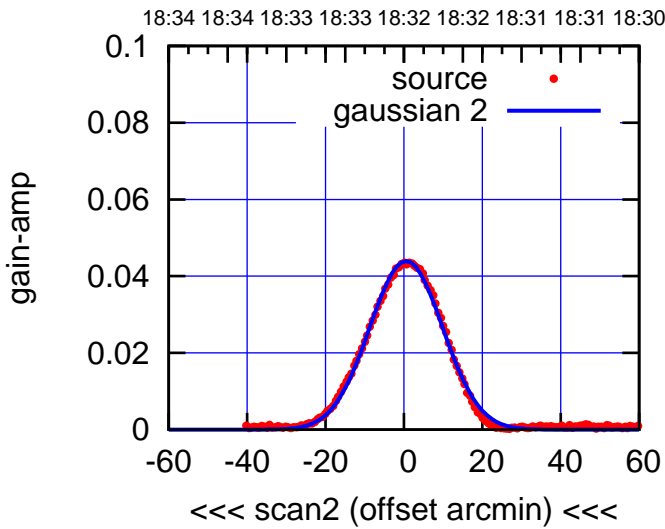


E02-175-EL OFF= 2.1' (20.4')

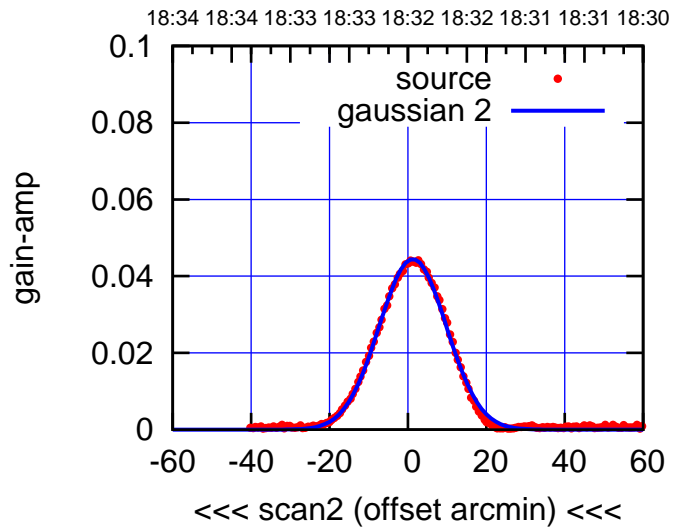


(+30'/m) 03Jan2023 18:28:30

E02-130-EL OFF= 0.6' (21.9')

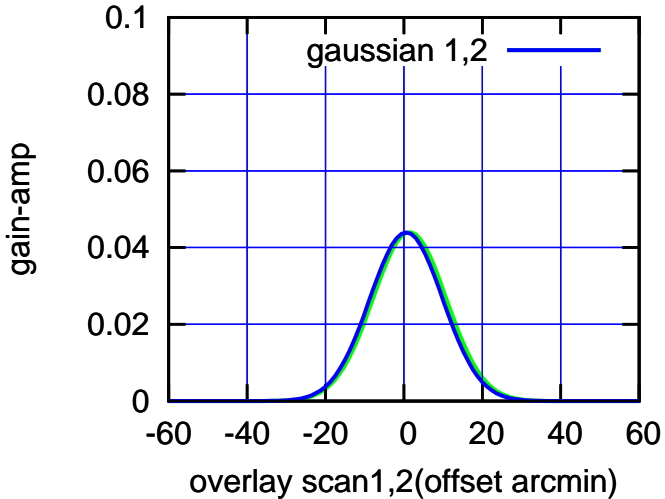


E02-175-EL OFF= 1.2' (20.2')

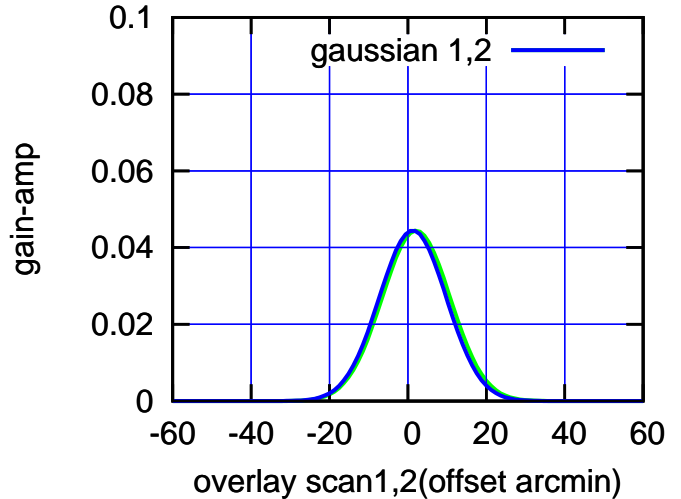


(-30'/m) 03Jan2023 18:32:30

BACKLASH ERROR= 0.9'



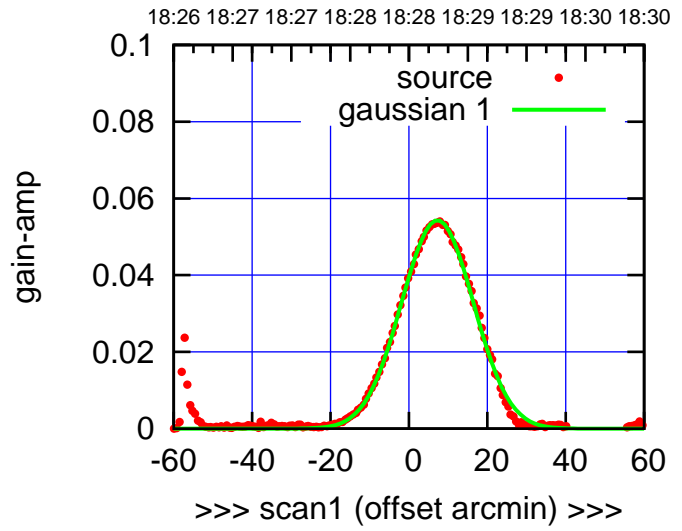
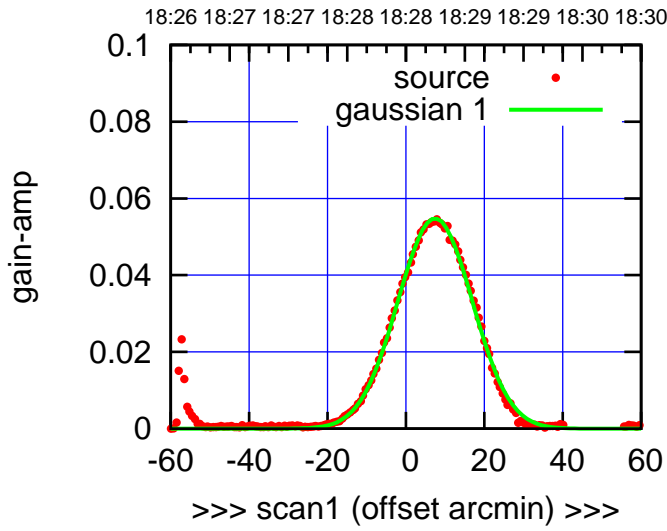
BACKLASH ERROR= 0.9'



(1460 MHz.)

E03-130-EL OFF= 7.4' (22.3')

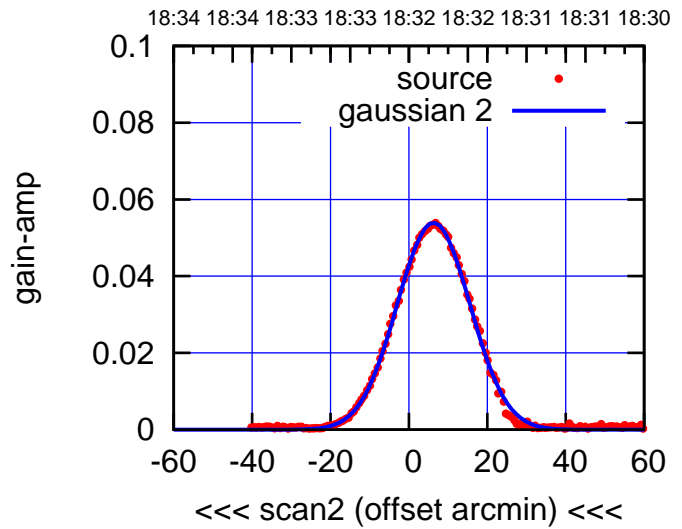
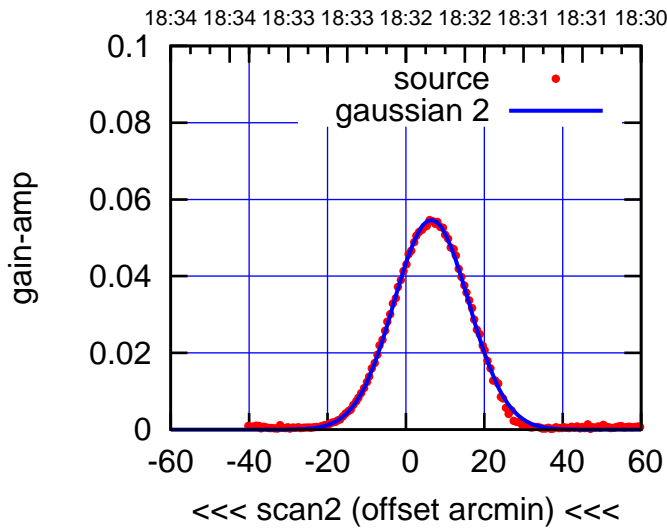
E03-175-EL OFF= 7.3' (21.5')



(+30'/m) 03Jan2023 18:28:30

E03-130-EL OFF= 6.5' (22.5')

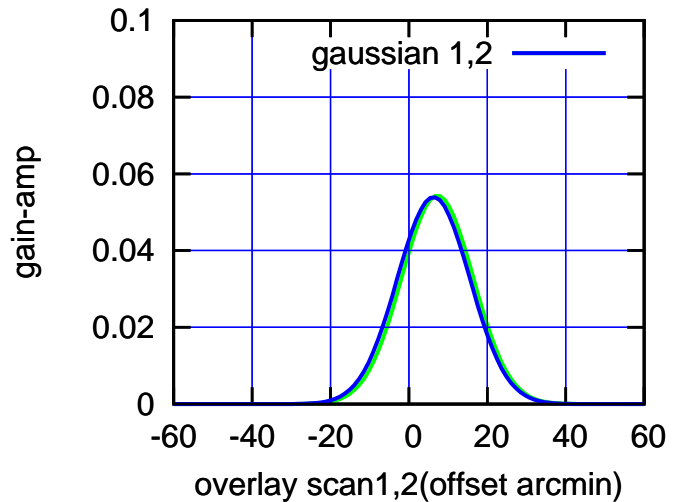
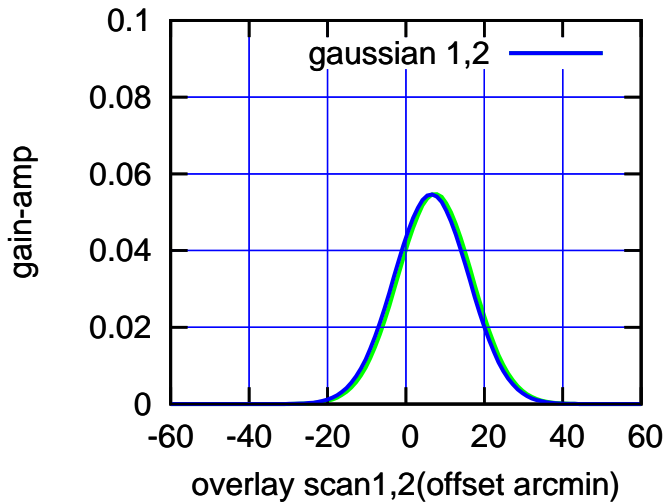
E03-175-EL OFF= 6.3' (21.8')



(-30'/m) 03Jan2023 18:32:30

BACKLASH ERROR= 0.9'

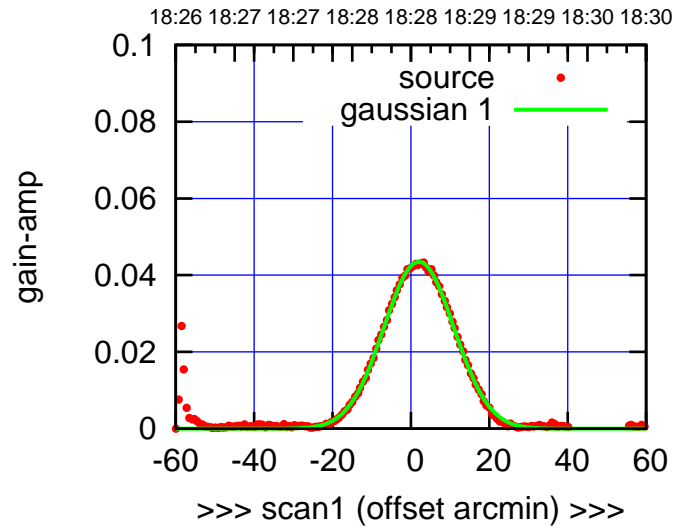
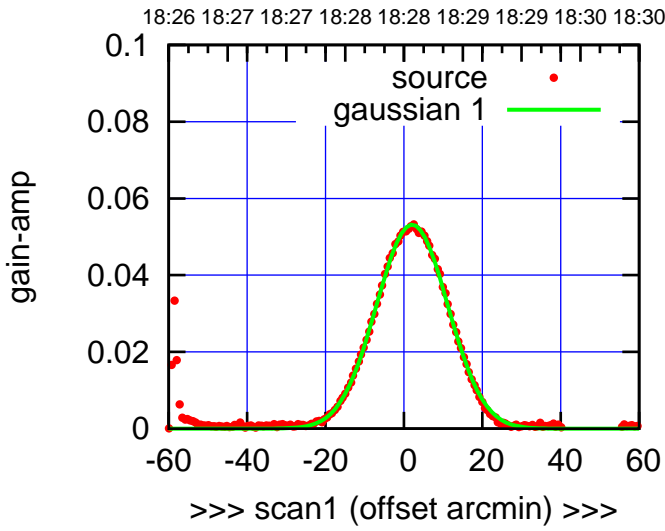
BACKLASH ERROR= 1.0'



(1460 MHz.)

E04-130-EL OFF= 2.1' (21.4')

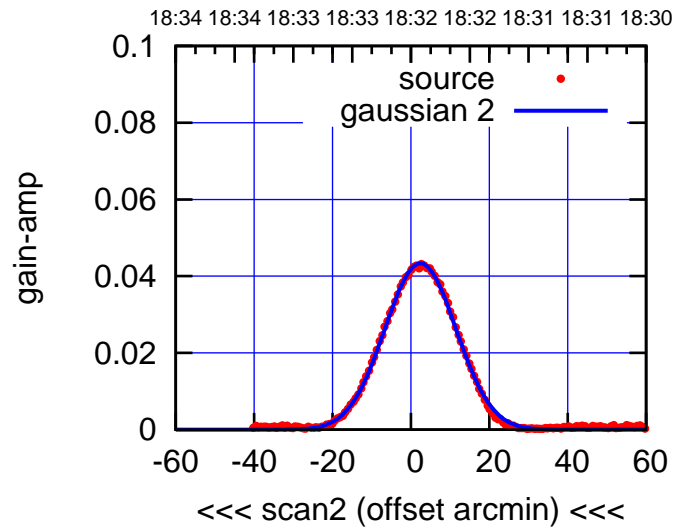
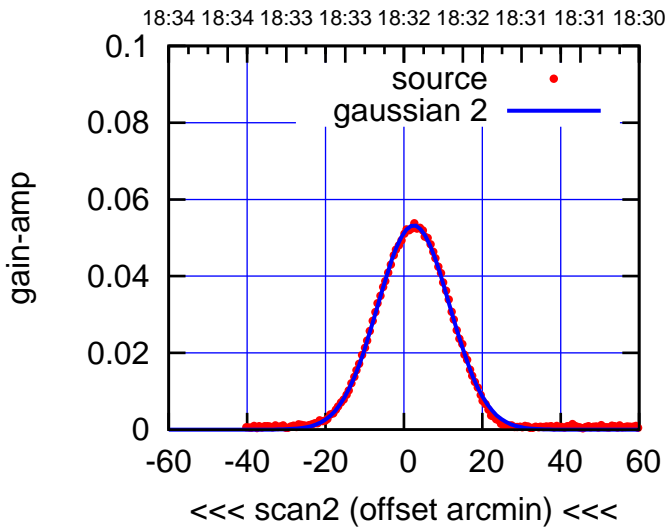
E04-175-EL OFF= 2.0' (21.0')



(+30'/m) 03Jan2023 18:28:30

E04-130-EL OFF= 2.5' (21.6')

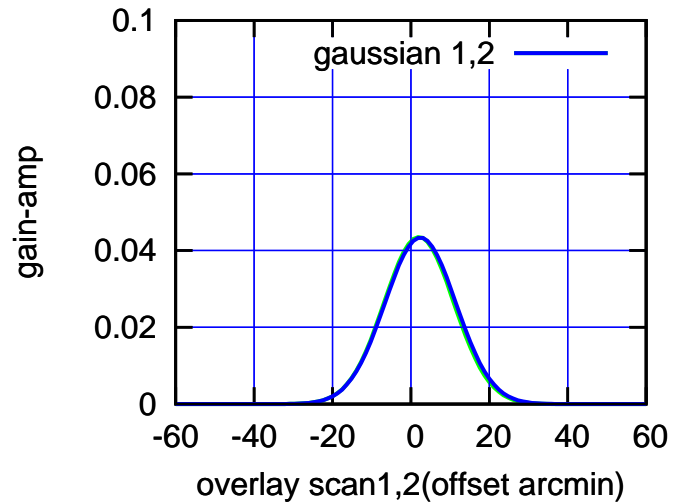
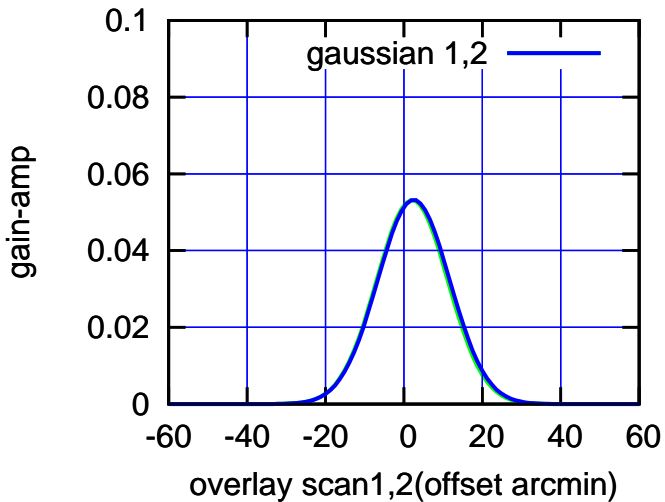
E04-175-EL OFF= 2.4' (21.3')



(-30'/m) 03Jan2023 18:32:30

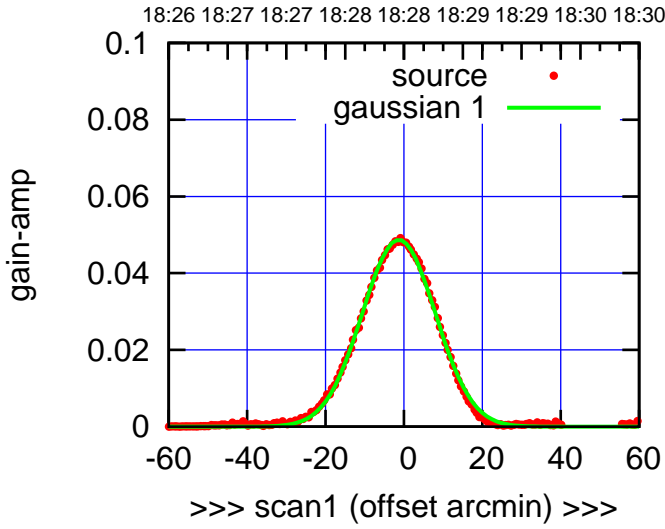
BACKLASH ERROR= -0.4'

BACKLASH ERROR= -0.4'

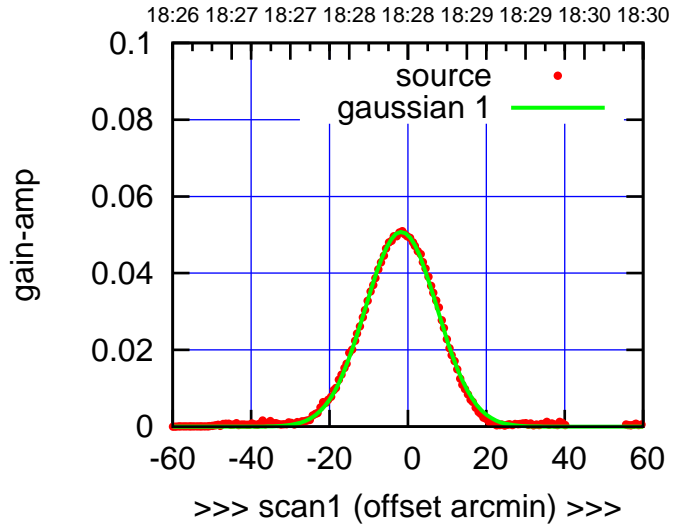


(1460 MHz.)

E05-130-EL OFF= -1.3' (22.0')

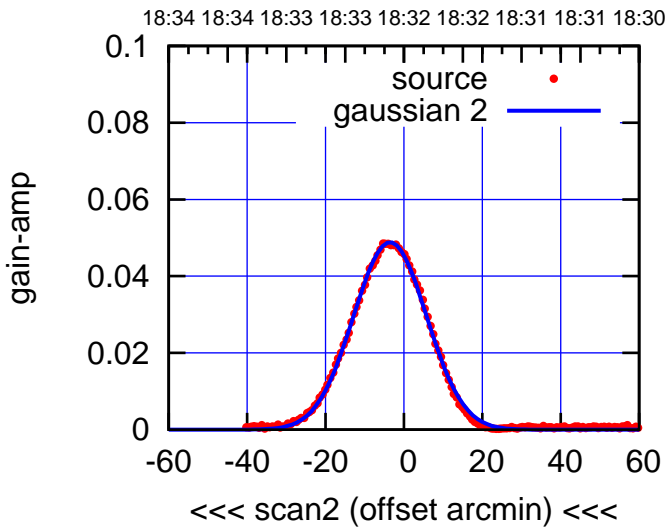


E05-175-EL OFF= -1.7' (21.7')

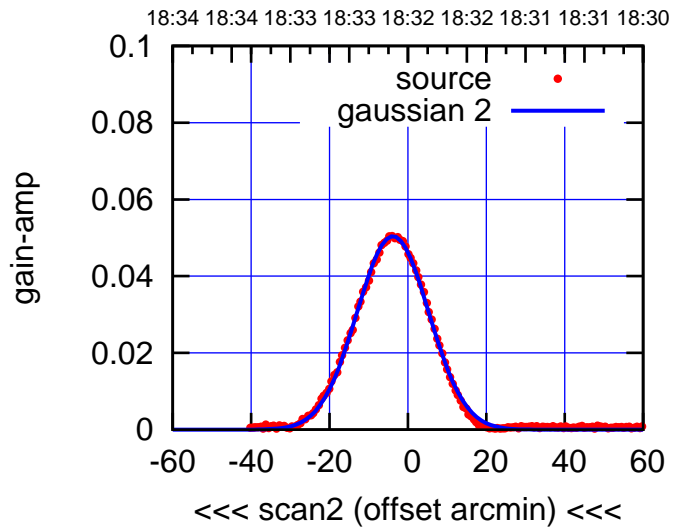


(+30'/m) 03Jan2023 18:28:30

E05-130-EL OFF= -3.5' (21.9')

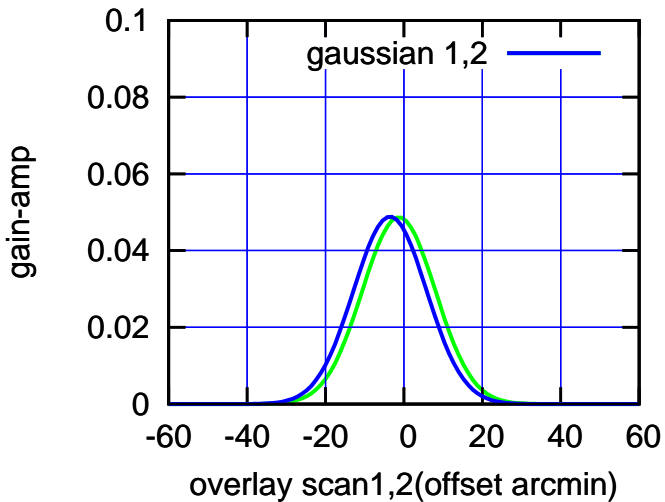


E05-175-EL OFF= -3.8' (21.5')

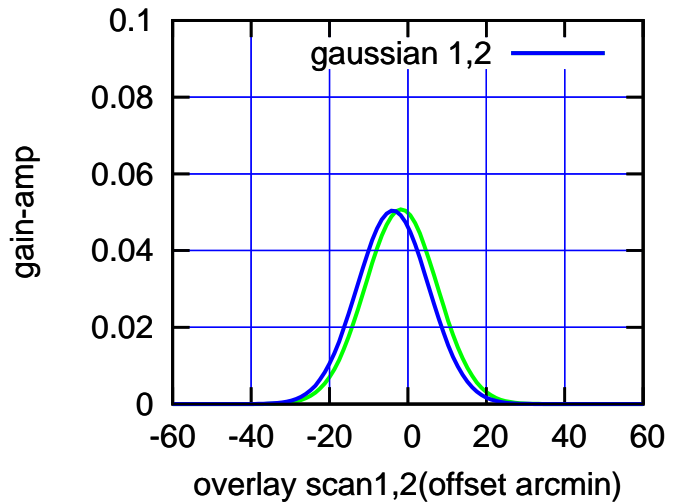


(-30'/m) 03Jan2023 18:32:30

BACKLASH ERROR= 2.2'



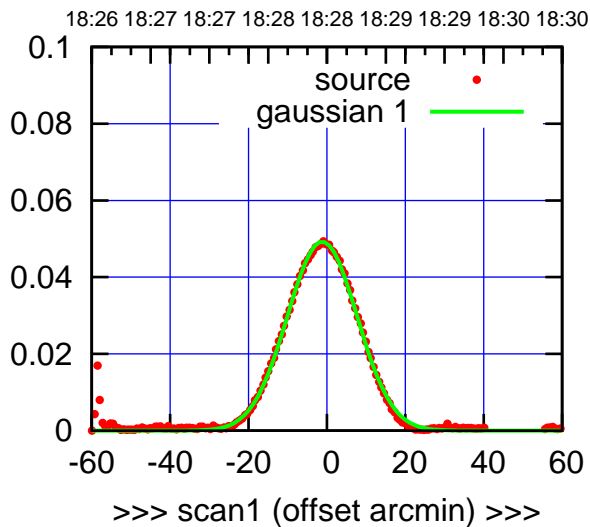
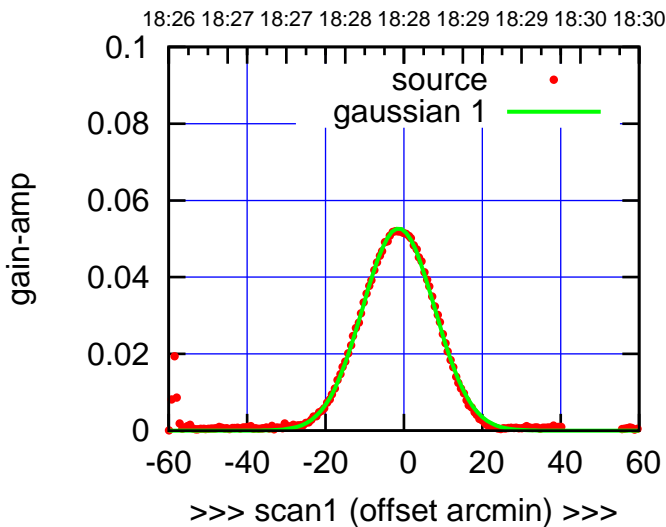
BACKLASH ERROR= 2.1'



(1460 MHz.)

E06-130-EL OFF= -1.4' (21.6')

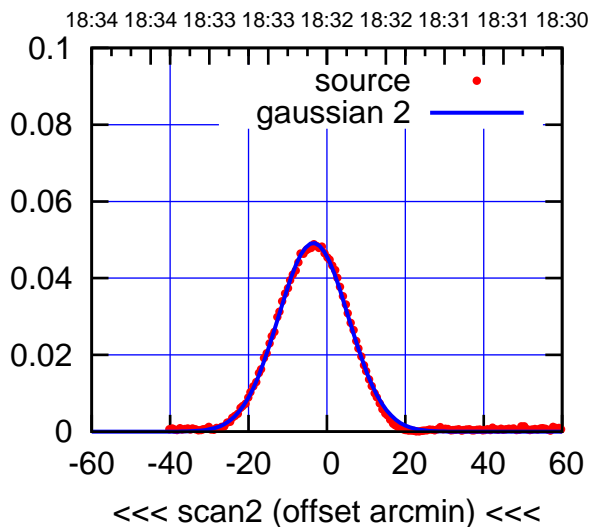
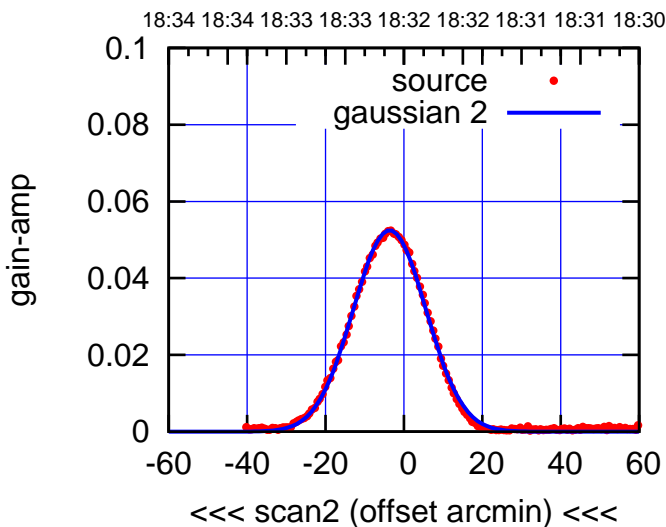
E06-175-EL OFF= -1.2' (20.9')



(+30'/m) 03Jan2023 18:28:30

E06-130-EL OFF= -3.6' (21.8')

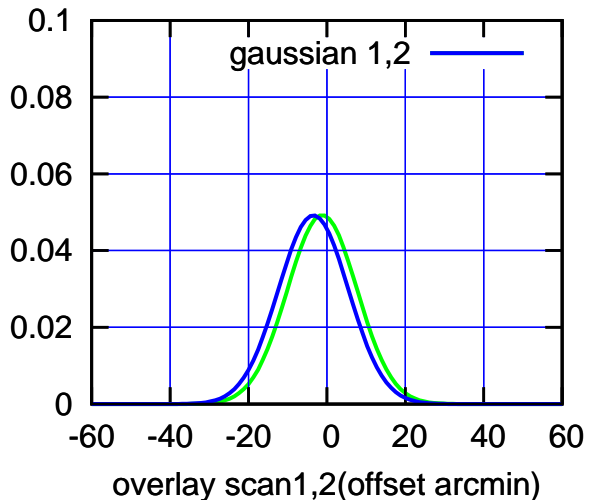
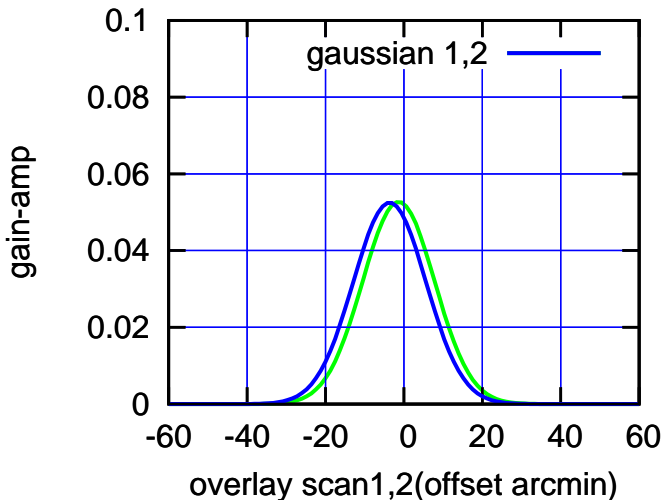
E06-175-EL OFF= -3.5' (21.1')



(-30'/m) 03Jan2023 18:32:30

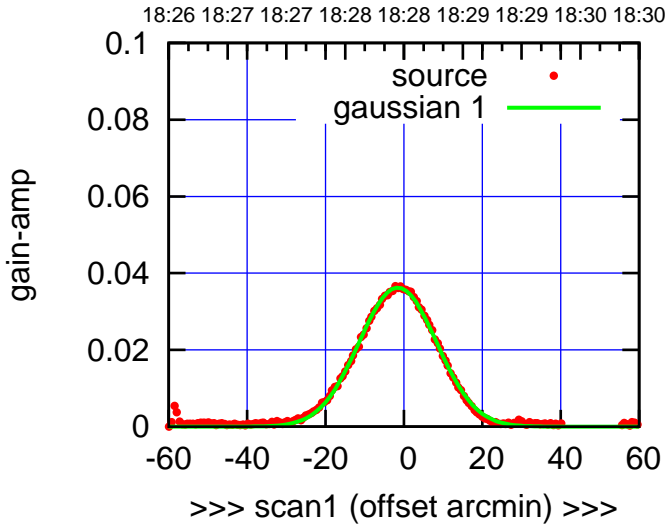
BACKLASH ERROR= 2.2'

BACKLASH ERROR= 2.3'

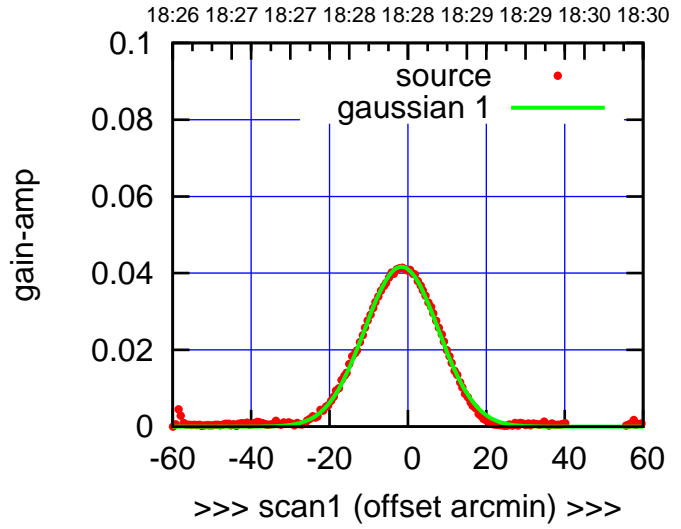


(1460 MHz.)

S01-130-EL OFF= -1.6' (23.3')

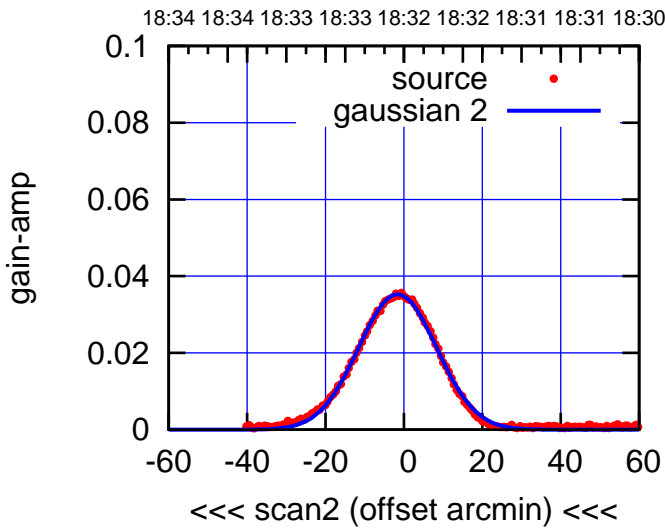


S01-175-EL OFF= -1.6' (22.2')

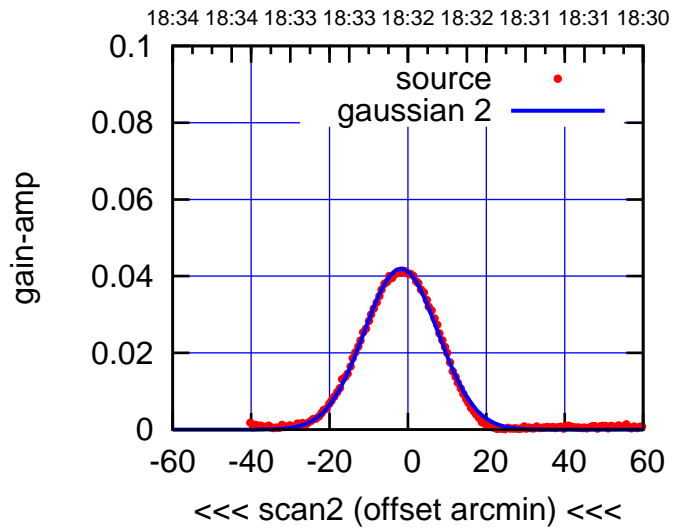


(+30'/m) 03Jan2023 18:28:30

S01-130-EL OFF= -1.6' (23.4')

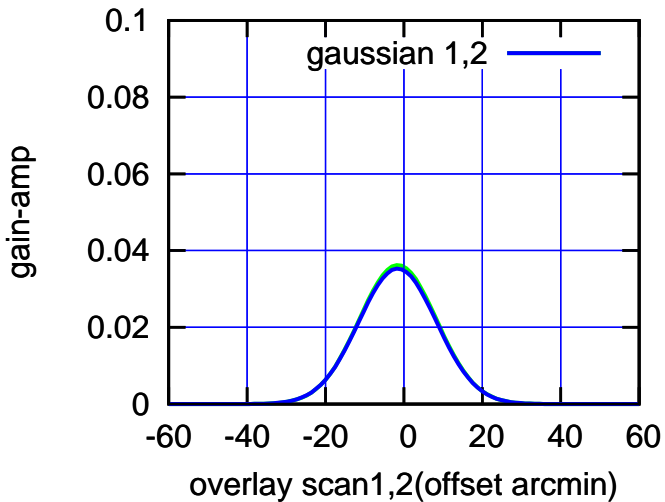


S01-175-EL OFF= -1.8' (22.2')

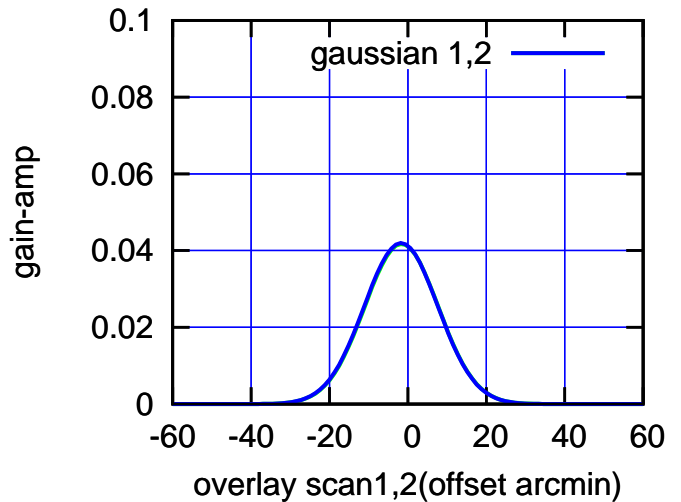


(-30'/m) 03Jan2023 18:32:30

BACKLASH ERROR= 0.0'



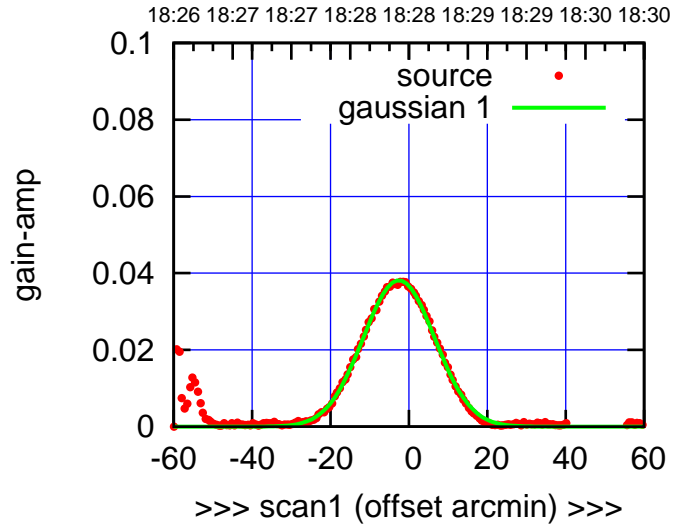
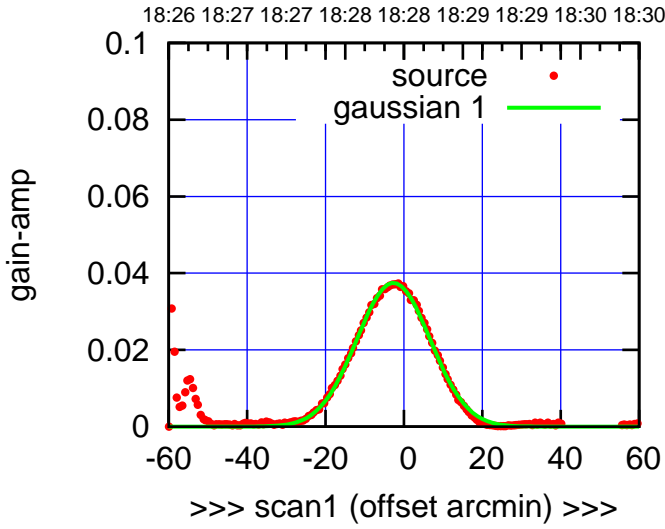
BACKLASH ERROR= 0.2'



(1460 MHz.)

S02-130-EL OFF= -2.7' (22.0')

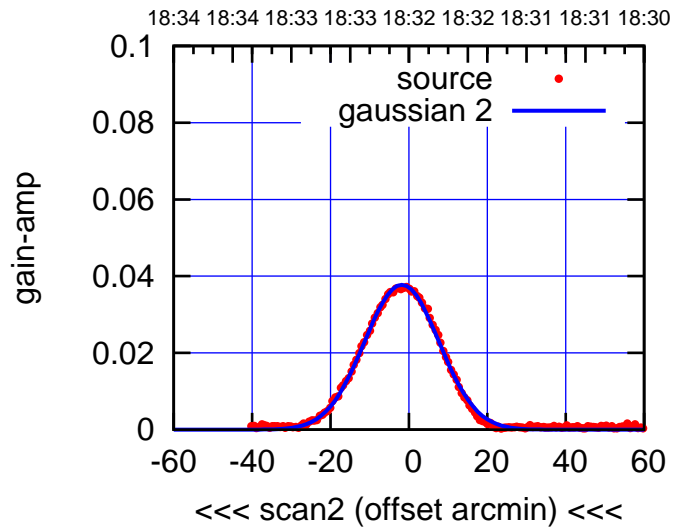
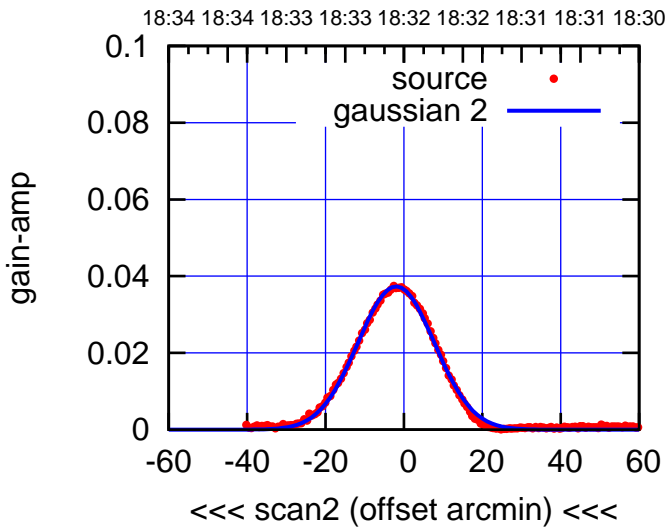
S02-175-EL OFF= -2.5' (21.4')



(+30'/m) 03Jan2023 18:28:30

S02-130-EL OFF= -2.0' (22.9')

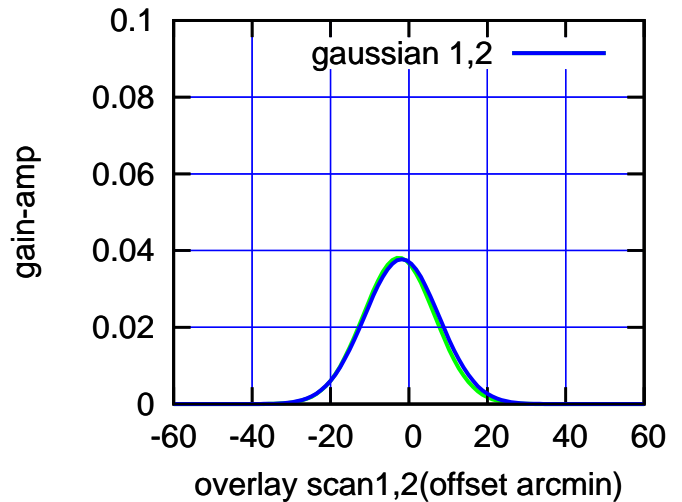
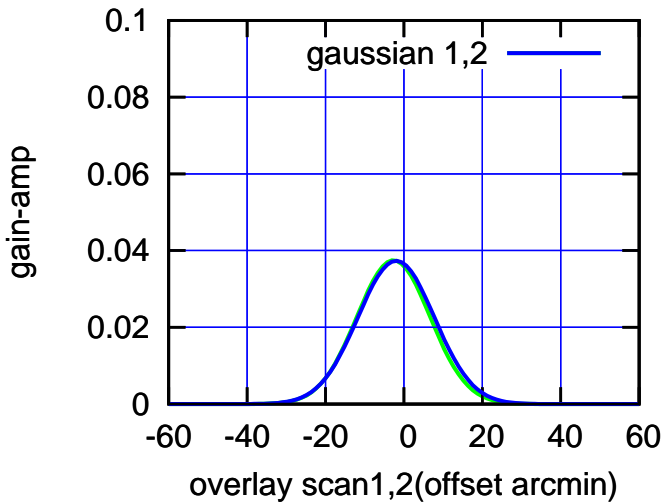
S02-175-EL OFF= -1.8' (22.4')



(-30'/m) 03Jan2023 18:32:30

BACKLASH ERROR= -0.7'

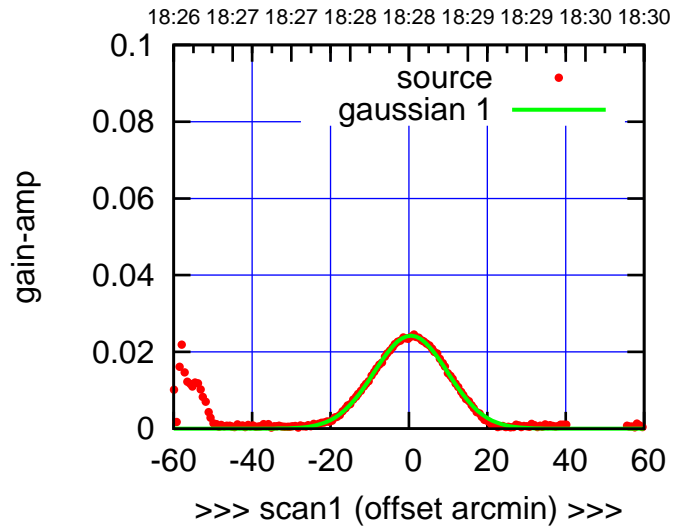
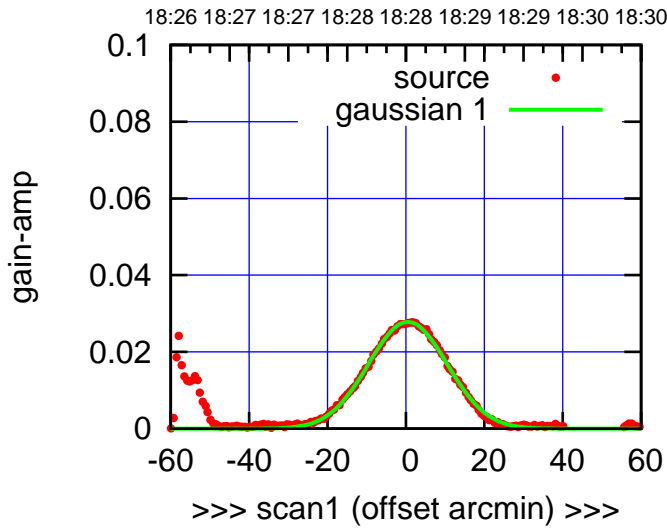
BACKLASH ERROR= -0.7'



(1460 MHz.)

S03-130-EL OFF= 0.5' (23.6')

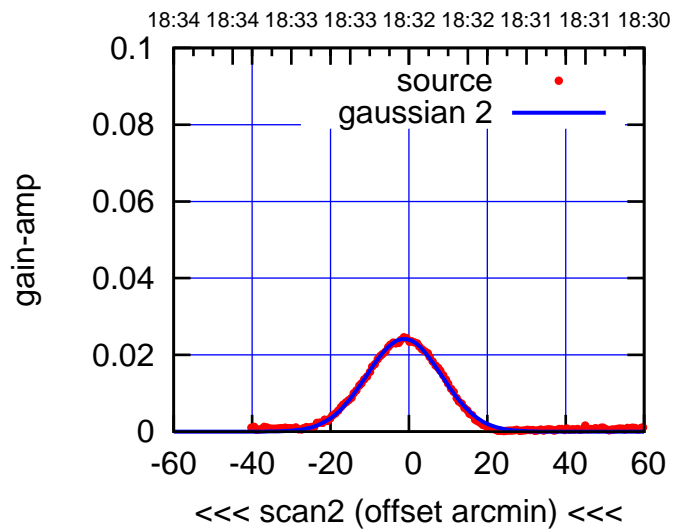
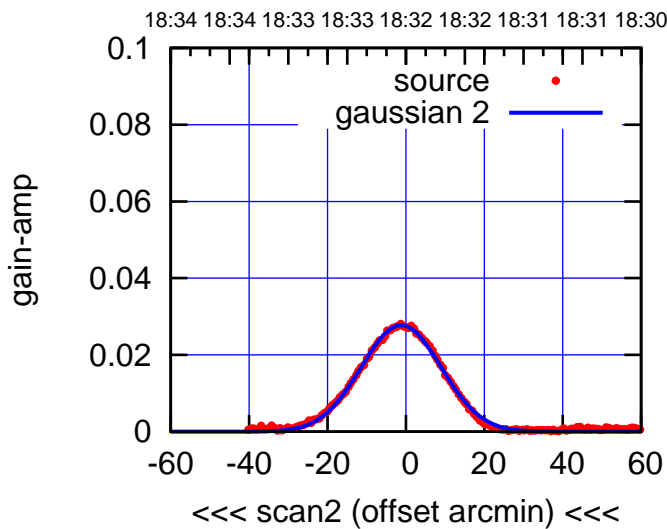
S03-175-EL OFF= 0.5' (22.1')



(+30'/m) 03Jan2023 18:28:30

S03-130-EL OFF= -1.2' (24.0')

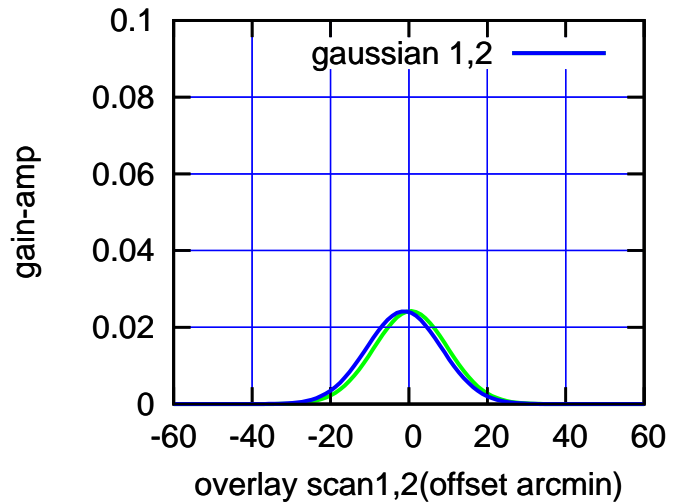
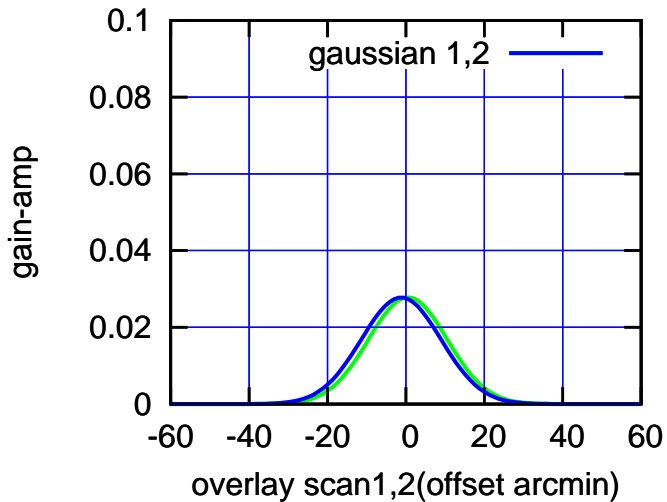
S03-175-EL OFF= -1.2' (22.5')



(-30'/m) 03Jan2023 18:32:30

BACKLASH ERROR= 1.7'

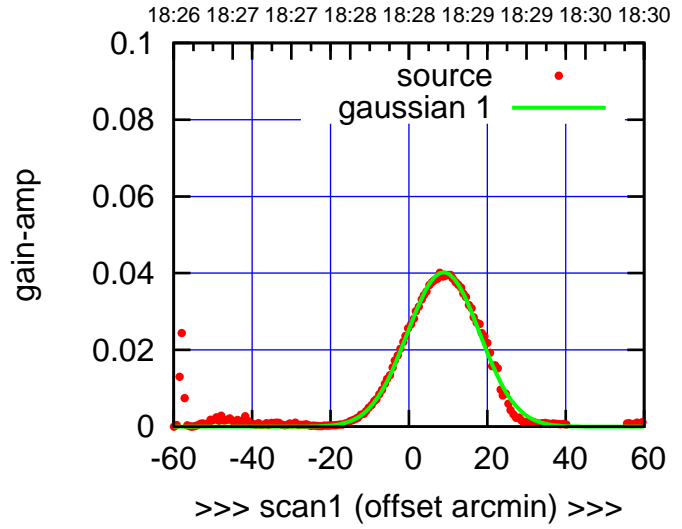
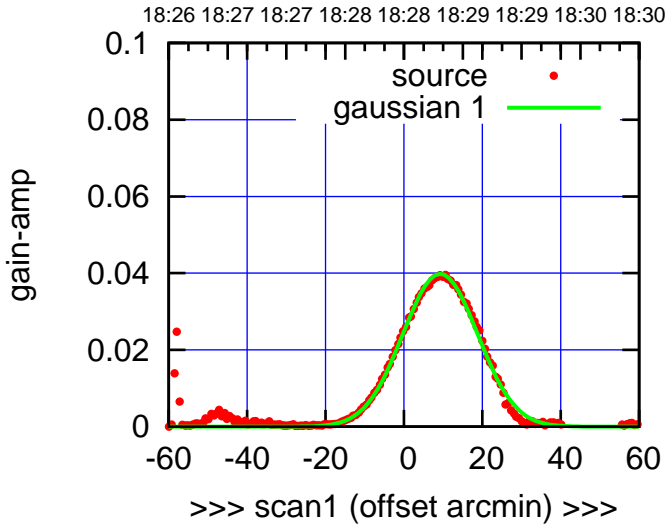
BACKLASH ERROR= 1.7'



(1460 MHz.)

S04-130-EL OFF= 9.3' (22.4')

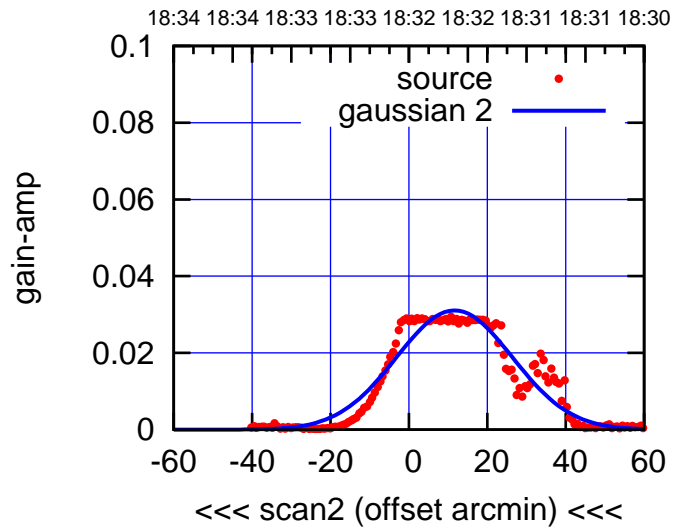
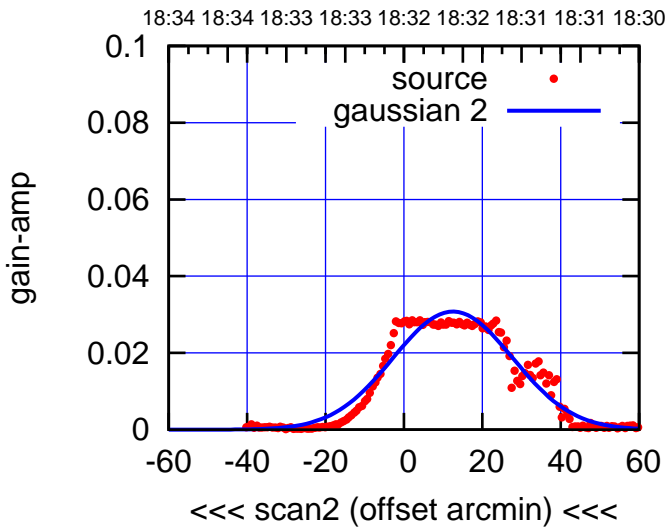
S04-175-EL OFF= 8.8' (21.7')



(+30'/m) 03Jan2023 18:28:30

S04-130-EL OFF= 12.5' (36.0')

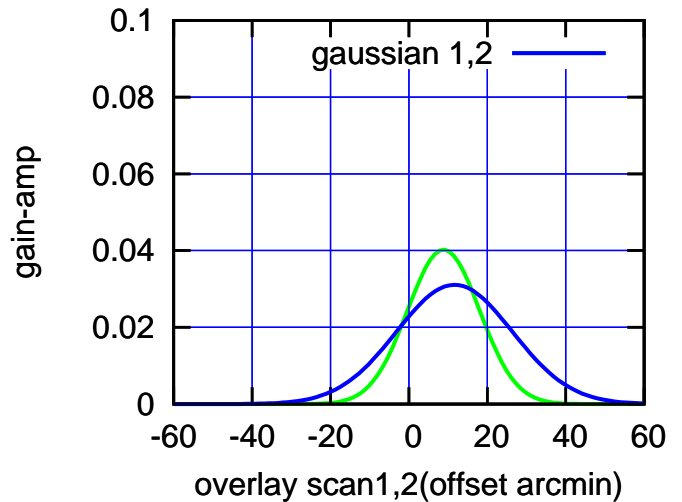
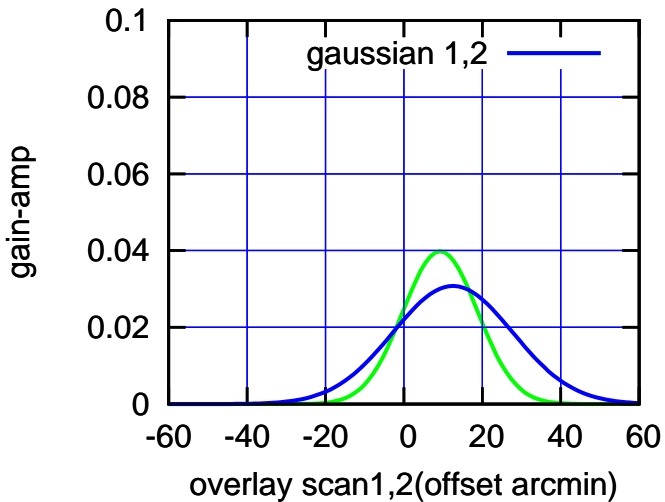
S04-175-EL OFF= 11.6' (34.8')



(-30'/m) 03Jan2023 18:32:30

BACKLASH ERROR= -3.2'

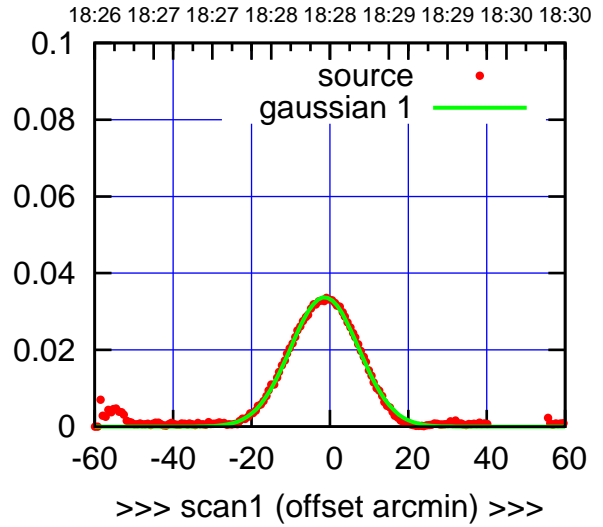
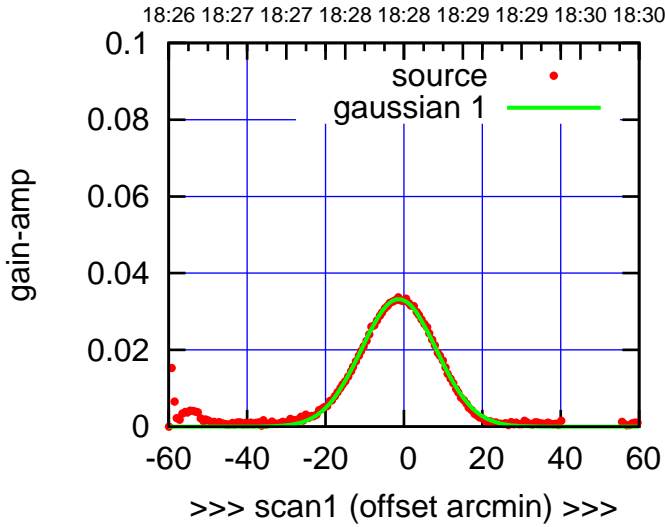
BACKLASH ERROR= -2.8'



(1460 MHz.)

S06-130-EL OFF= -1.3' (22.5')

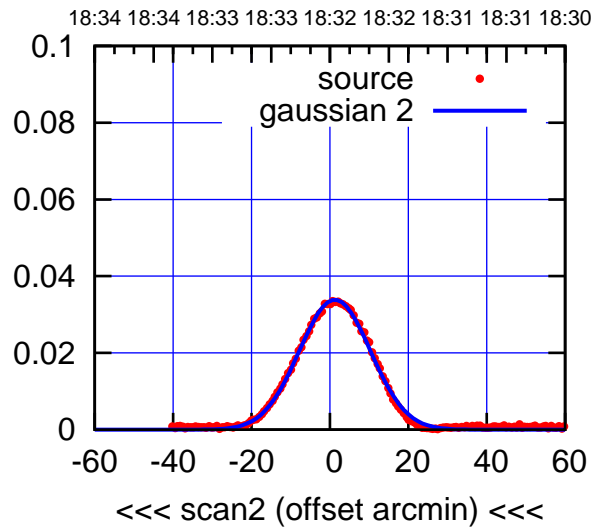
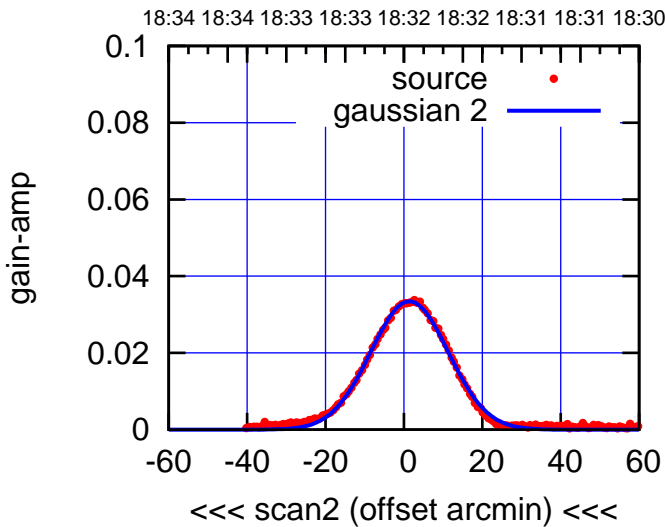
S06-175-EL OFF= -1.4' (20.5')



(+30'/m) 03Jan2023 18:28:30

S06-130-EL OFF= 1.4' (23.3')

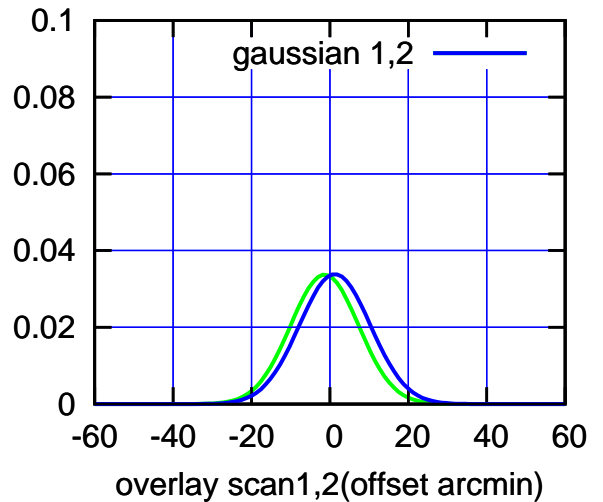
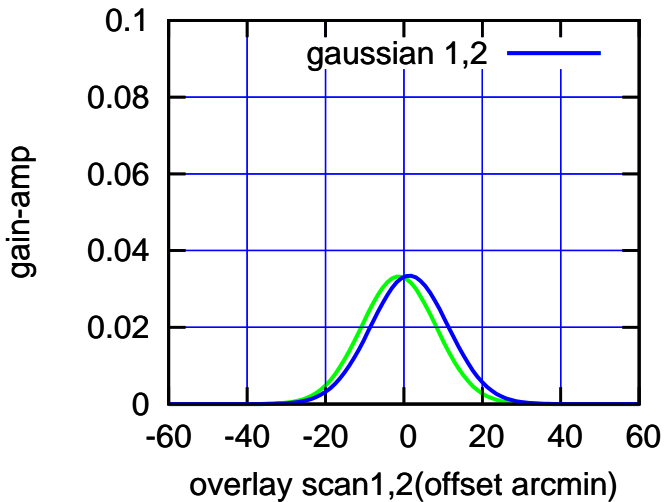
S06-175-EL OFF= 1.3' (21.4')



(-30'/m) 03Jan2023 18:32:30

BACKLASH ERROR= -2.7'

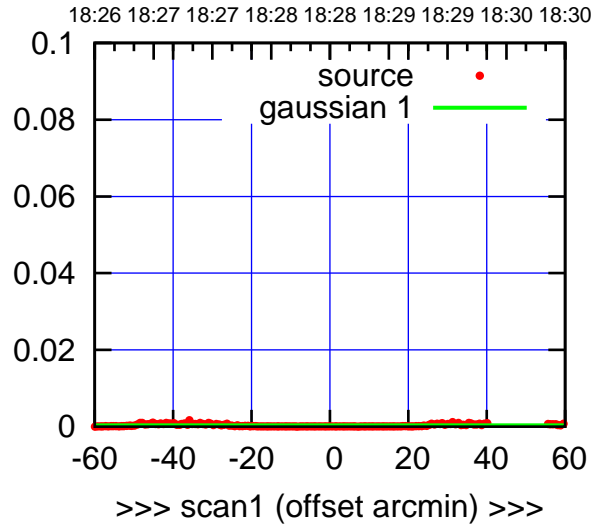
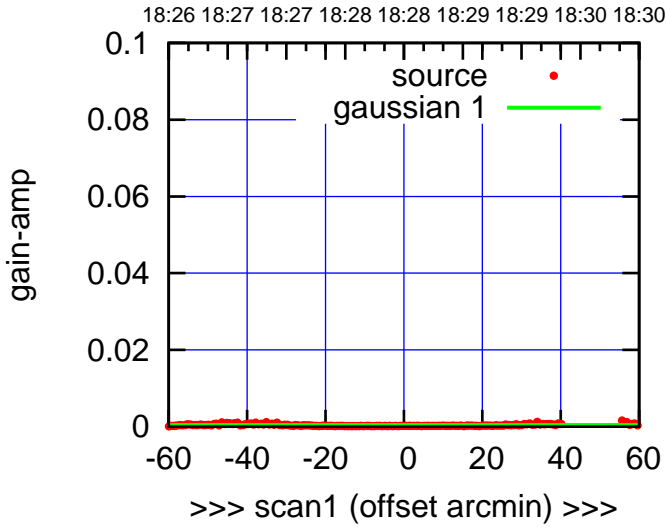
BACKLASH ERROR= -2.7'



(1460 MHz.)

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

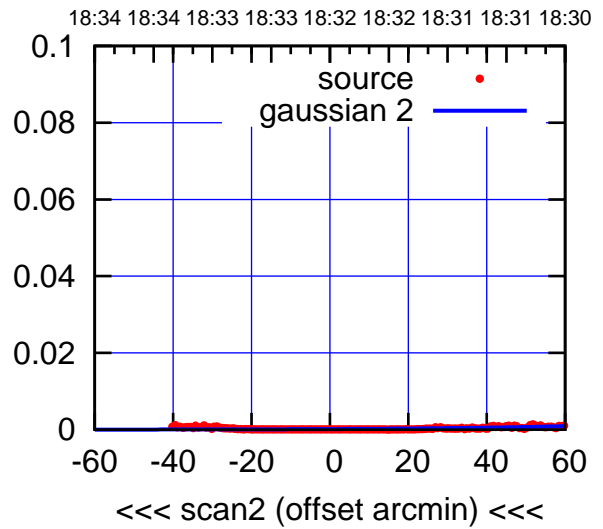
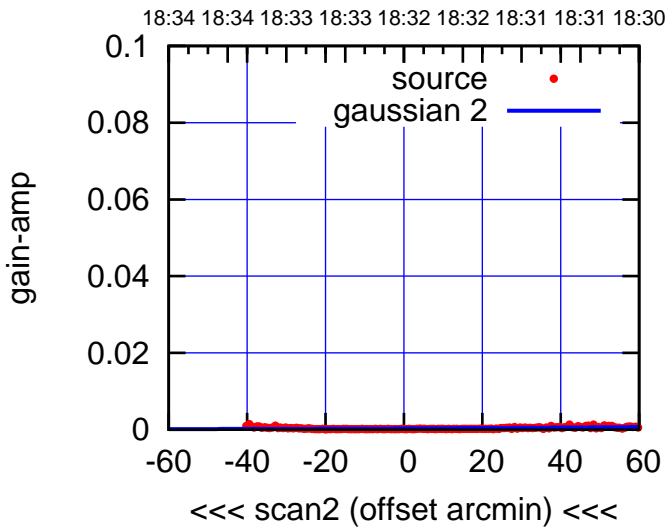
W01-175-EL OFF= 0.0' (0.0')



(+30'/m) 03Jan2023 18:28:30

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

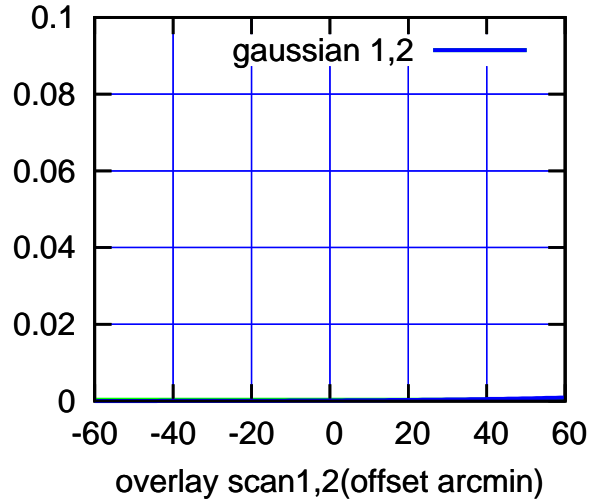
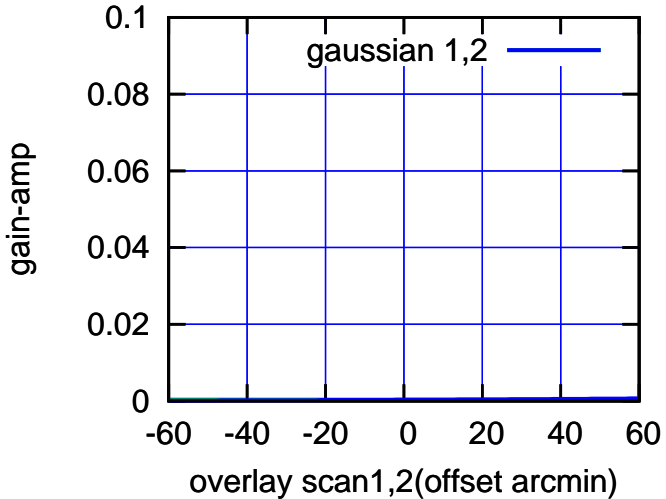
W01-175-EL OFF= 0.0' (0.0')



(-30'/m) 03Jan2023 18:32:30

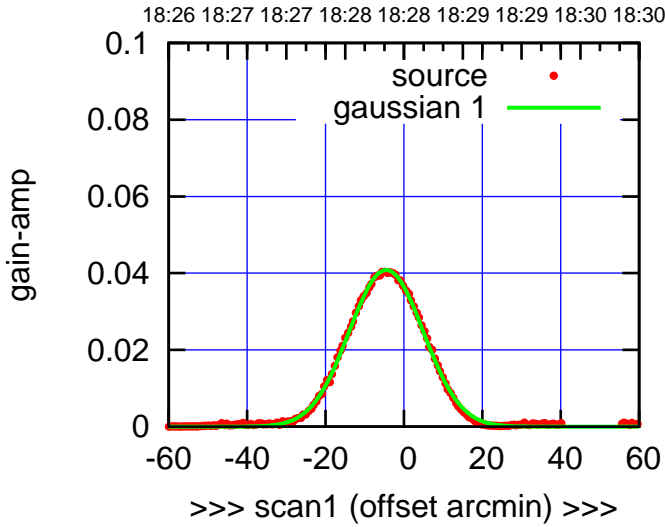
BACKLASH ERROR= 0.0'

BACKLASH ERROR= 0.0'

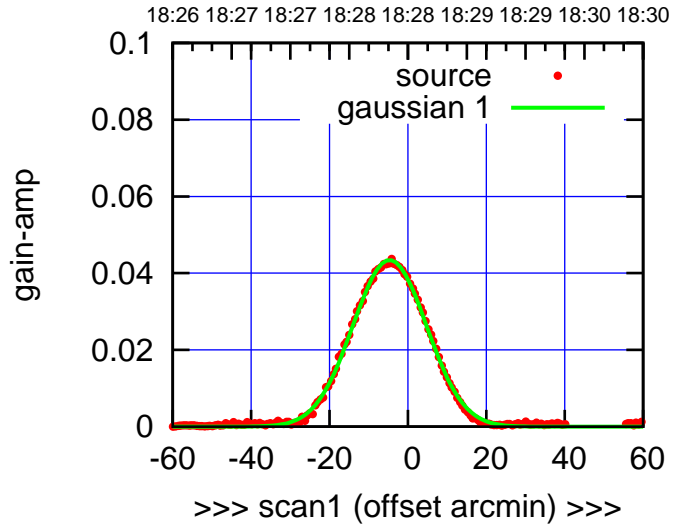


(1460 MHz.)

W02-130-EL OFF= -4.5' (22.2')

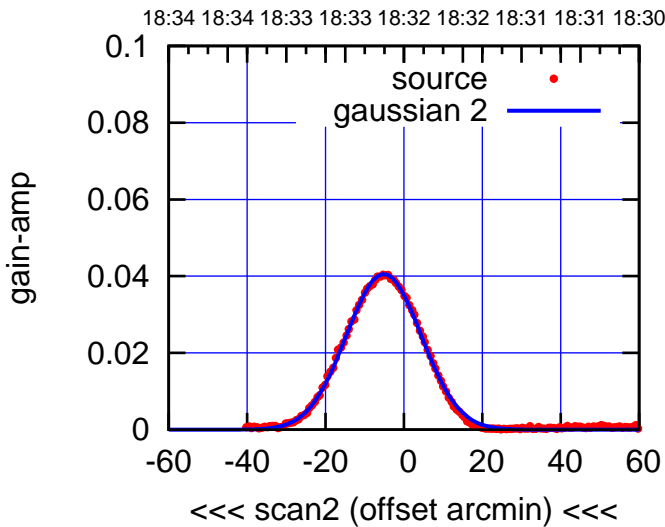


W02-175-EL OFF= -4.6' (22.1')

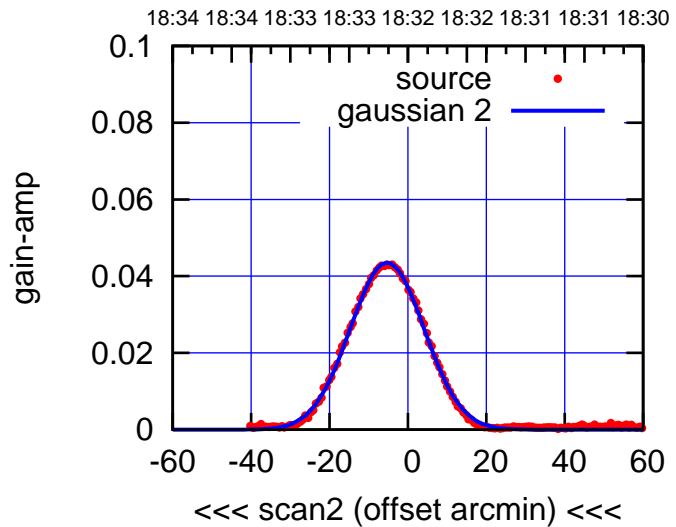


(+30'/m) 03Jan2023 18:28:30

W02-130-EL OFF= -5.1' (22.5')

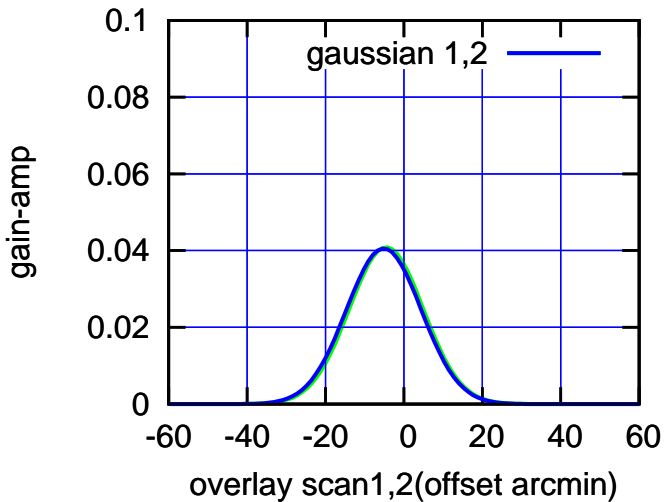


W02-175-EL OFF= -5.3' (22.1')

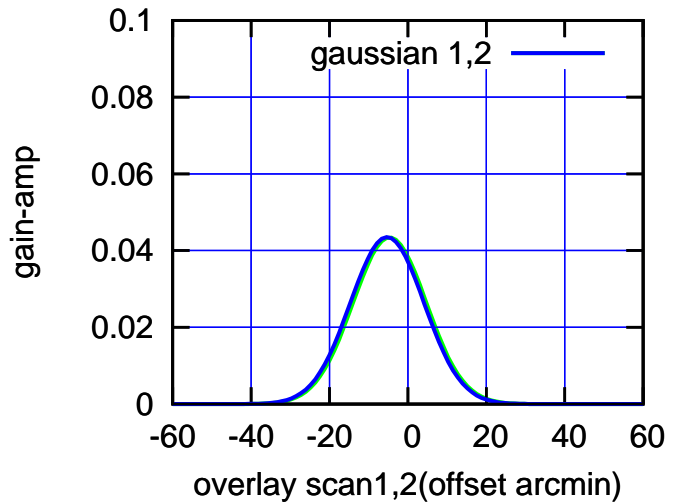


(-30'/m) 03Jan2023 18:32:30

BACKLASH ERROR= 0.6'

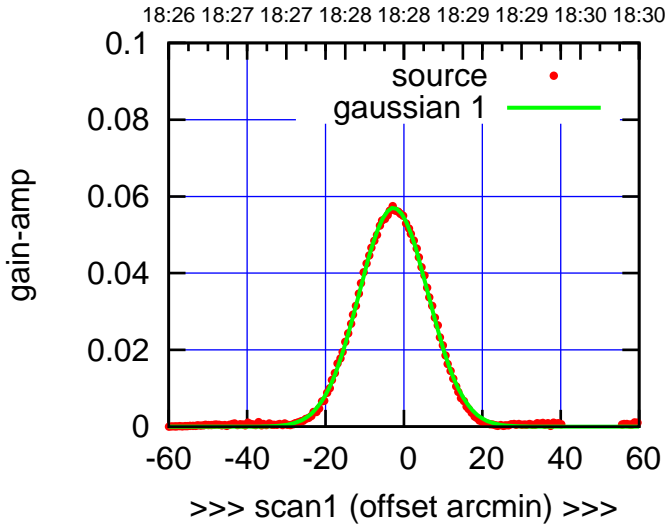


BACKLASH ERROR= 0.7'

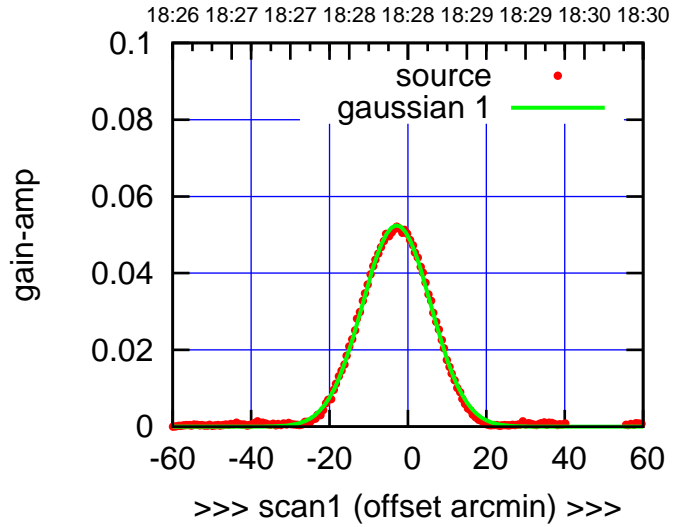


(1460 MHz.)

W03-130-EL OFF= -2.6' (20.8')

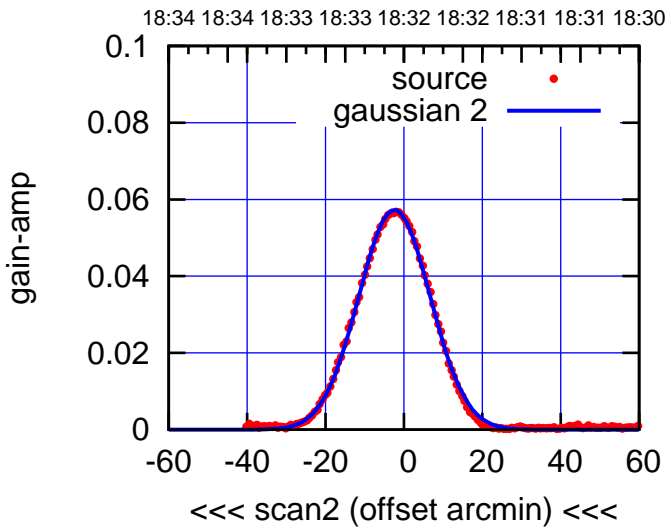


W03-175-EL OFF= -2.9' (20.5')

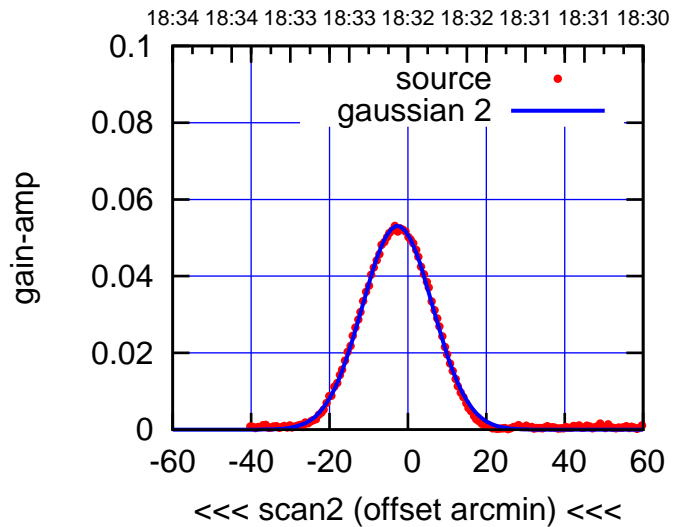


(+30'/m) 03Jan2023 18:28:30

W03-130-EL OFF= -2.4' (21.4')

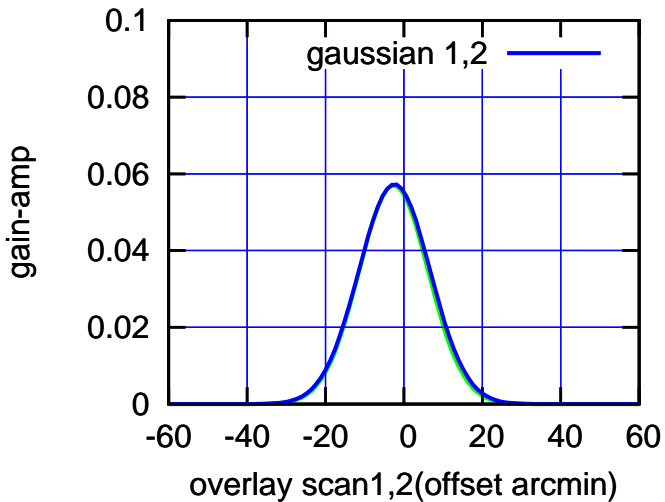


W03-175-EL OFF= -2.7' (21.1')

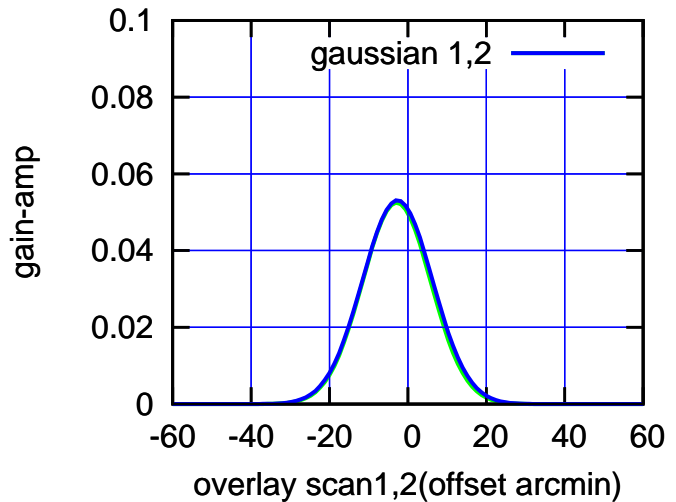


(-30'/m) 03Jan2023 18:32:30

BACKLASH ERROR= -0.2'



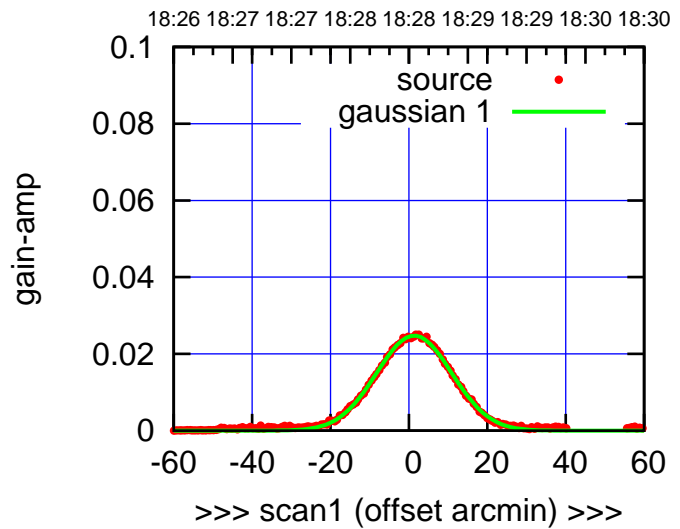
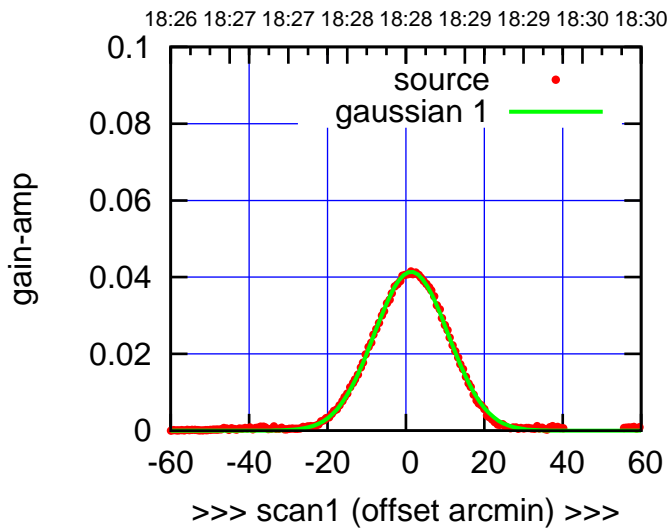
BACKLASH ERROR= -0.2'



(1460 MHz.)

W04-130-EL OFF= 1.4' (22.3')

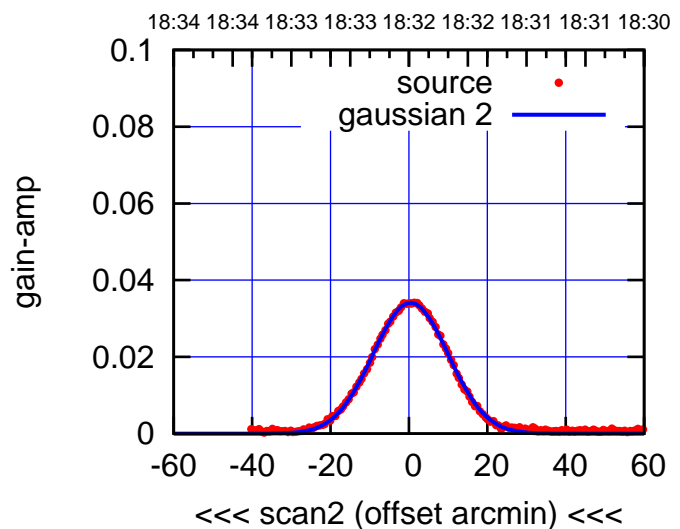
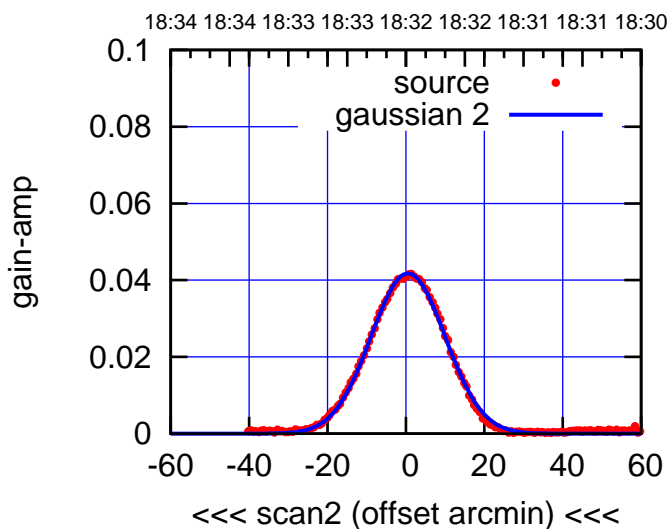
W04-175-EL OFF= 1.3' (22.6')



(+30'/m) 03Jan2023 18:28:30

W04-130-EL OFF= 0.5' (22.2')

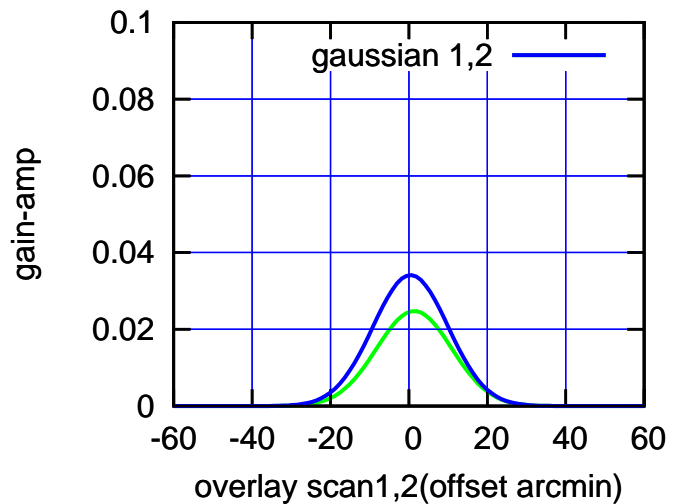
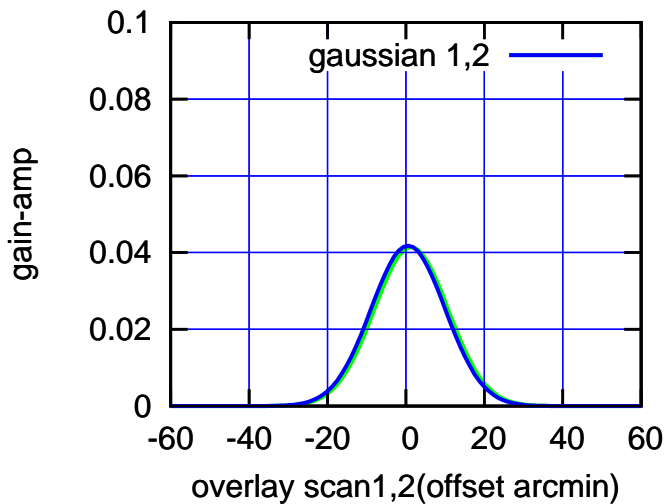
W04-175-EL OFF= 0.4' (22.6')



(-30'/m) 03Jan2023 18:32:30

BACKLASH ERROR= 0.9'

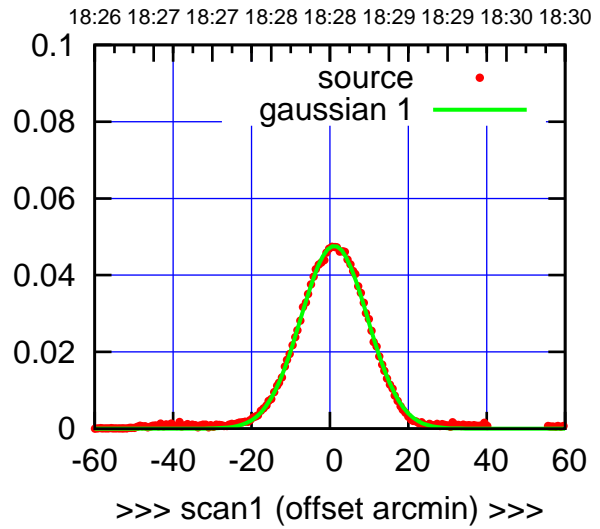
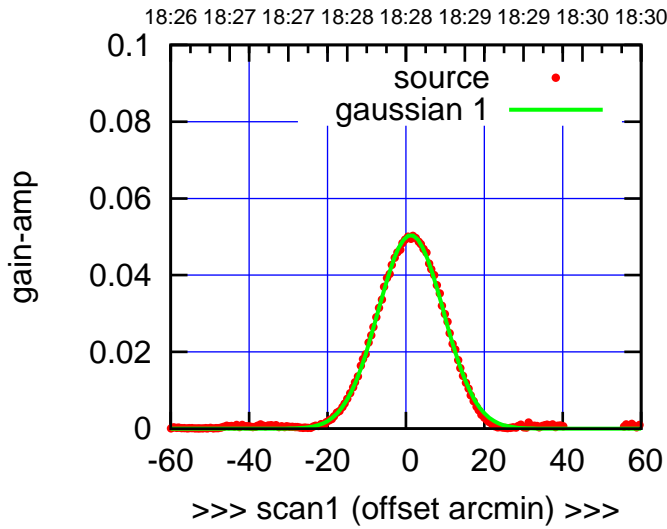
BACKLASH ERROR= 0.9'



(1460 MHz.)

W05-130-EL OFF= 1.2' (19.6')

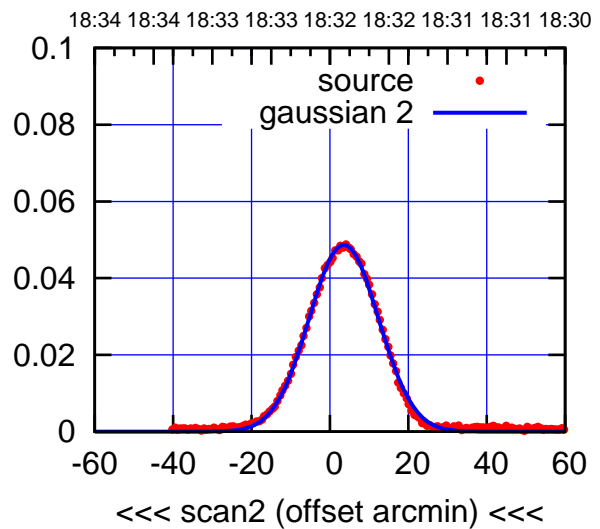
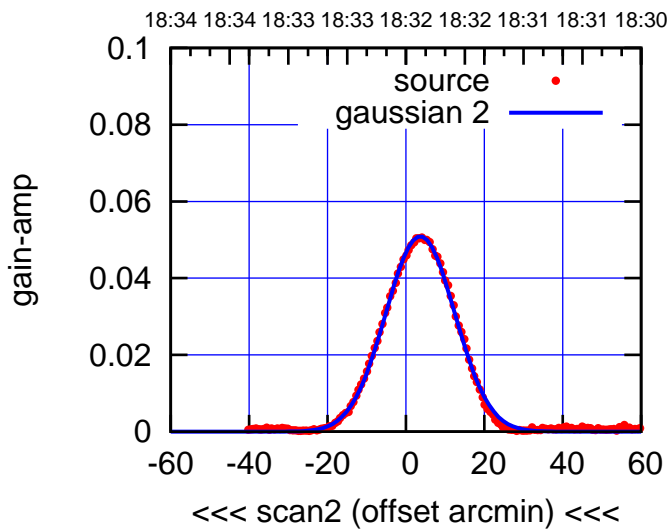
W05-175-EL OFF= 1.1' (20.0')



(+30'/m) 03Jan2023 18:28:30

W05-130-EL OFF= 3.7' (20.7')

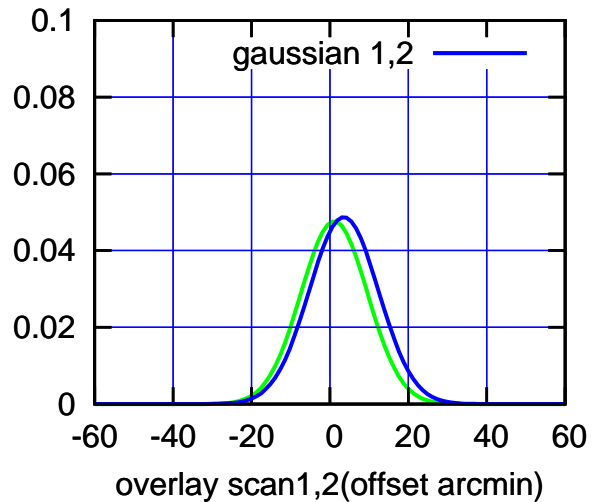
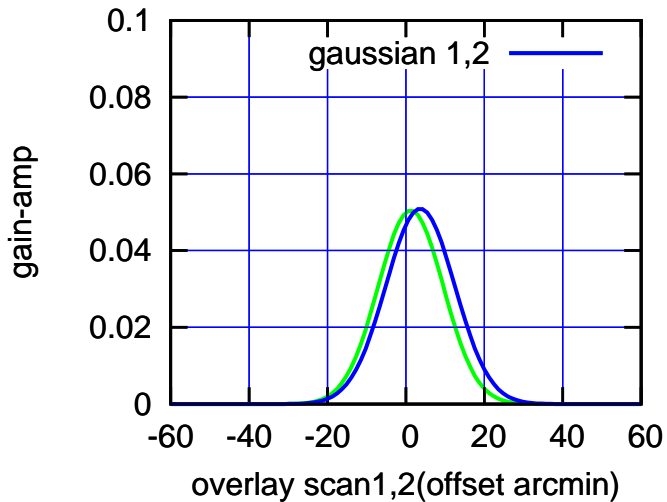
W05-175-EL OFF= 3.5' (20.8')



(-30'/m) 03Jan2023 18:32:30

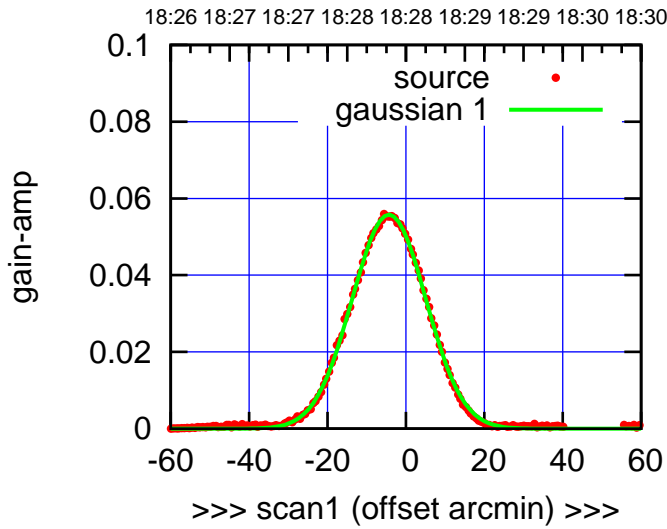
BACKLASH ERROR= -2.5'

BACKLASH ERROR= -2.4'

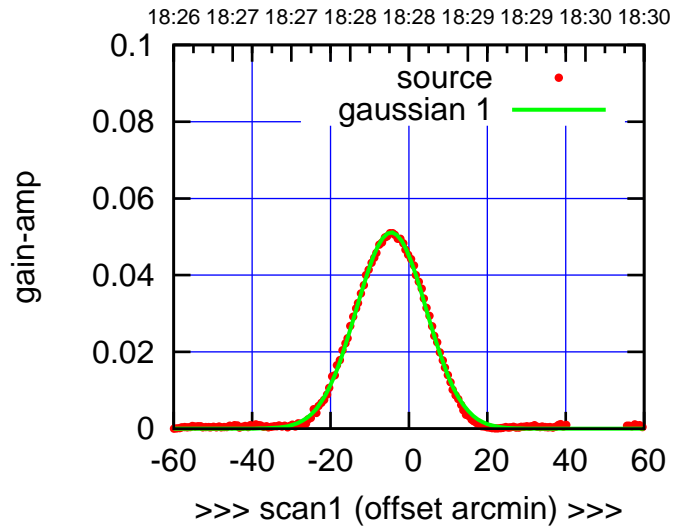


(1460 MHz.)

W06-130-EL OFF= -4.3' (22.1')

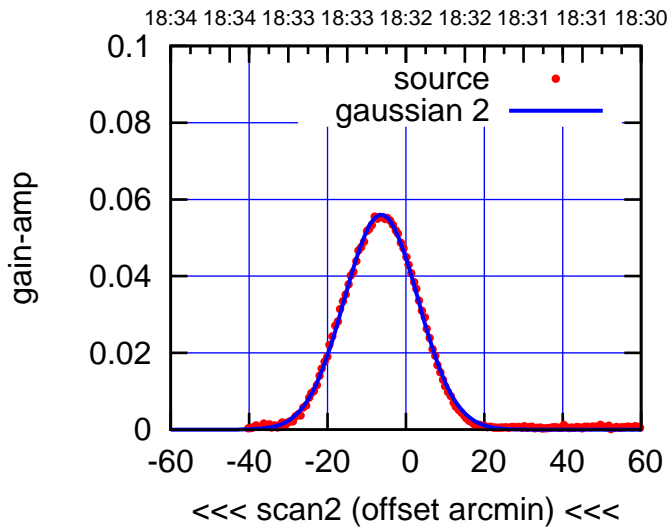


W06-175-EL OFF= -4.5' (21.1')

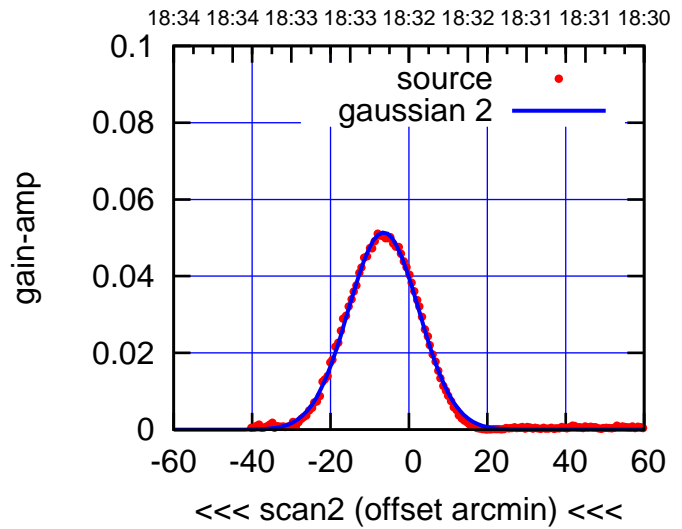


(+30'/m) 03Jan2023 18:28:30

W06-130-EL OFF= -6.3' (22.1')

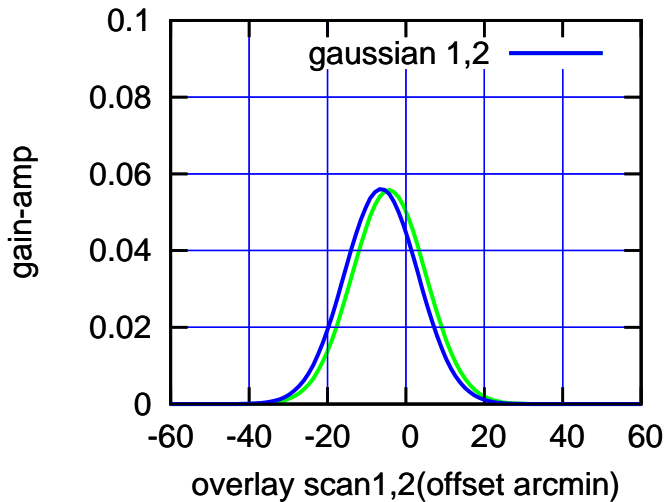


W06-175-EL OFF= -6.5' (21.2')

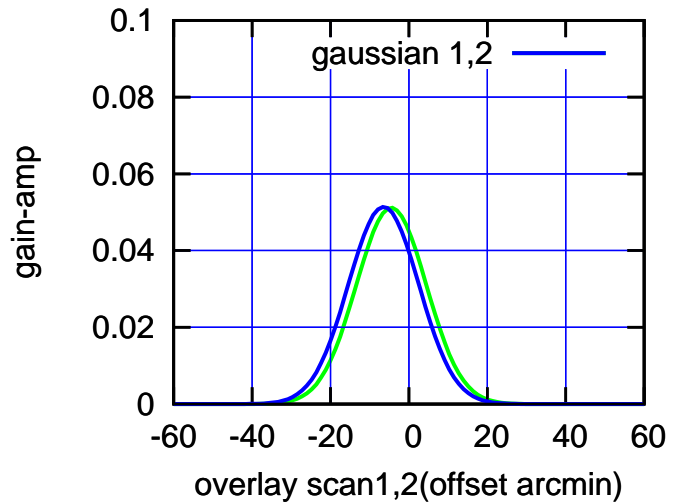


(-30'/m) 03Jan2023 18:32:30

BACKLASH ERROR= 2.0'



BACKLASH ERROR= 2.0'



(1460 MHz.)

```

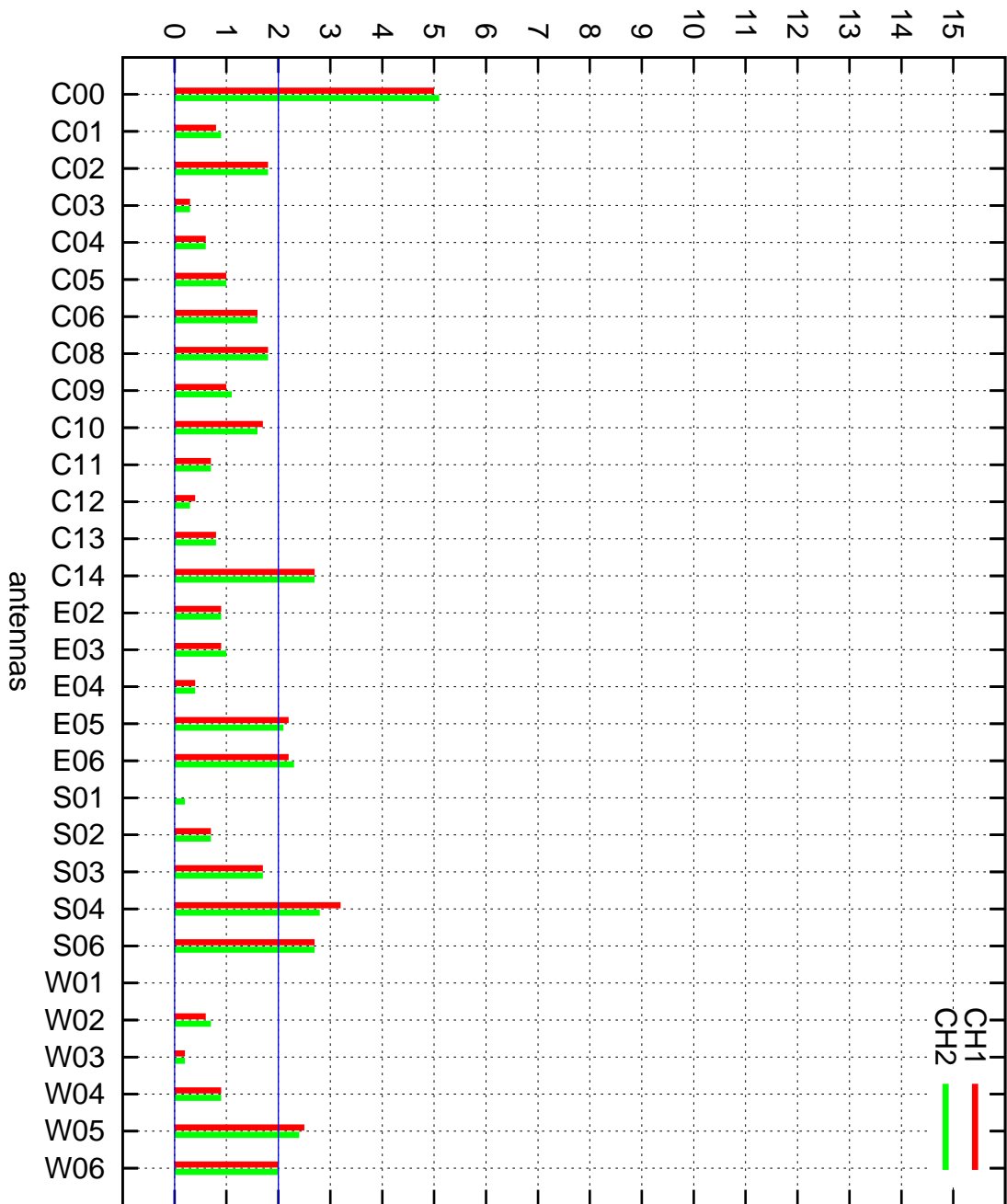
# backlash test      : 03Jan2023 18:28:30, 03Jan2023 18:32:30
# lta file          : /scratch/ltacomb_out_28_29.lta
# lta scan no(s)   : 0,1
# lta chan range    : [500,510]
# scan1 start time : 03Jan2023 18:26:30
# scan1 peak time  : 03Jan2023 18:28:30
# scan1 end time   : 03Jan2023 18:30:30
# scan2 start time : 03Jan2023 18:30:30
# scan2 peak time  : 03Jan2023 18:32:30
# scan2 end time   : 03Jan2023 18:34:30
# scan1 rate/speed : 30'/m
# scan2 rate/speed : -30'/m
# xrange posn      : [-60':60']
# yrange gain-amp  : [0:0.1]
# frequency (MHz)  : 1460
# axis             : EL
# elevation(deg)   : 44.2
# antenna flag     : 1 - working, 0 - non working

```

C00-130-EL	OFF(scan1)= 4.3	OFF(scan2)= -0.7	ERROR= 5.0	FLAG= 1
C00-175-EL	OFF(scan1)= 4.2	OFF(scan2)= -0.9	ERROR= 5.1	FLAG= 1
C01-130-EL	OFF(scan1)= -4.2	OFF(scan2)= -5.0	ERROR= 0.8	FLAG= 1
C01-175-EL	OFF(scan1)= -4.3	OFF(scan2)= -5.2	ERROR= 0.9	FLAG= 1
C02-130-EL	OFF(scan1)= 0.8	OFF(scan2)= -1.0	ERROR= 1.8	FLAG= 1
C02-175-EL	OFF(scan1)= 0.6	OFF(scan2)= -1.2	ERROR= 1.8	FLAG= 1
C03-130-EL	OFF(scan1)= 3.0	OFF(scan2)= 3.3	ERROR= -0.3	FLAG= 1
C03-175-EL	OFF(scan1)= 2.9	OFF(scan2)= 3.2	ERROR= -0.3	FLAG= 1
C04-130-EL	OFF(scan1)= 1.9	OFF(scan2)= 1.3	ERROR= 0.6	FLAG= 1
C04-175-EL	OFF(scan1)= 1.6	OFF(scan2)= 1.0	ERROR= 0.6	FLAG= 1
C05-130-EL	OFF(scan1)= 8.2	OFF(scan2)= 7.2	ERROR= 1.0	FLAG= 1
C05-175-EL	OFF(scan1)= 8.3	OFF(scan2)= 7.3	ERROR= 1.0	FLAG= 1
C06-130-EL	OFF(scan1)= 0.0	OFF(scan2)= -1.6	ERROR= 1.6	FLAG= 1
C06-175-EL	OFF(scan1)= 0.1	OFF(scan2)= -1.5	ERROR= 1.6	FLAG= 1
C08-130-EL	OFF(scan1)= 2.5	OFF(scan2)= 0.7	ERROR= 1.8	FLAG= 1
C08-175-EL	OFF(scan1)= 2.3	OFF(scan2)= 0.5	ERROR= 1.8	FLAG= 1
C09-130-EL	OFF(scan1)= -5.1	OFF(scan2)= -4.1	ERROR= -1.0	FLAG= 1
C09-175-EL	OFF(scan1)= -5.1	OFF(scan2)= -4.0	ERROR= -1.1	FLAG= 1
C10-130-EL	OFF(scan1)= 2.4	OFF(scan2)= 0.7	ERROR= 1.7	FLAG= 1
C10-175-EL	OFF(scan1)= 2.3	OFF(scan2)= 0.7	ERROR= 1.6	FLAG= 1
C11-130-EL	OFF(scan1)= 2.0	OFF(scan2)= 2.7	ERROR= -0.7	FLAG= 1
C11-175-EL	OFF(scan1)= 2.0	OFF(scan2)= 2.7	ERROR= -0.7	FLAG= 1
C12-130-EL	OFF(scan1)= 2.4	OFF(scan2)= 2.0	ERROR= 0.4	FLAG= 1
C12-175-EL	OFF(scan1)= 1.9	OFF(scan2)= 1.6	ERROR= 0.3	FLAG= 1
C13-130-EL	OFF(scan1)= 2.1	OFF(scan2)= 1.3	ERROR= 0.8	FLAG= 1
C13-175-EL	OFF(scan1)= 2.1	OFF(scan2)= 1.3	ERROR= 0.8	FLAG= 1
C14-130-EL	OFF(scan1)= 0.1	OFF(scan2)= 2.8	ERROR= -2.7	FLAG= 1
C14-175-EL	OFF(scan1)= 0.2	OFF(scan2)= 2.9	ERROR= -2.7	FLAG= 1
E02-130-EL	OFF(scan1)= 1.5	OFF(scan2)= 0.6	ERROR= 0.9	FLAG= 1
E02-175-EL	OFF(scan1)= 2.1	OFF(scan2)= 1.2	ERROR= 0.9	FLAG= 1
E03-130-EL	OFF(scan1)= 7.4	OFF(scan2)= 6.5	ERROR= 0.9	FLAG= 1
E03-175-EL	OFF(scan1)= 7.3	OFF(scan2)= 6.3	ERROR= 1.0	FLAG= 1
E04-130-EL	OFF(scan1)= 2.1	OFF(scan2)= 2.5	ERROR= -0.4	FLAG= 1
E04-175-EL	OFF(scan1)= 2.0	OFF(scan2)= 2.4	ERROR= -0.4	FLAG= 1
E05-130-EL	OFF(scan1)= -1.3	OFF(scan2)= -3.5	ERROR= 2.2	FLAG= 1
E05-175-EL	OFF(scan1)= -1.7	OFF(scan2)= -3.8	ERROR= 2.1	FLAG= 1
E06-130-EL	OFF(scan1)= -1.4	OFF(scan2)= -3.6	ERROR= 2.2	FLAG= 1
E06-175-EL	OFF(scan1)= -1.2	OFF(scan2)= -3.5	ERROR= 2.3	FLAG= 1
S01-130-EL	OFF(scan1)= -1.6	OFF(scan2)= -1.6	ERROR= 0.0	FLAG= 1
S01-175-EL	OFF(scan1)= -1.6	OFF(scan2)= -1.8	ERROR= 0.2	FLAG= 1
S02-130-EL	OFF(scan1)= -2.7	OFF(scan2)= -2.0	ERROR= -0.7	FLAG= 1
S02-175-EL	OFF(scan1)= -2.5	OFF(scan2)= -1.8	ERROR= -0.7	FLAG= 1
S03-130-EL	OFF(scan1)= 0.5	OFF(scan2)= -1.2	ERROR= 1.7	FLAG= 1
S03-175-EL	OFF(scan1)= 0.5	OFF(scan2)= -1.2	ERROR= 1.7	FLAG= 1
S04-130-EL	OFF(scan1)= 9.3	OFF(scan2)= 12.5	ERROR= -3.2	FLAG= 1
S04-175-EL	OFF(scan1)= 8.8	OFF(scan2)= 11.6	ERROR= -2.8	FLAG= 1
S06-130-EL	OFF(scan1)= -1.3	OFF(scan2)= 1.4	ERROR= -2.7	FLAG= 1
S06-175-EL	OFF(scan1)= -1.4	OFF(scan2)= 1.3	ERROR= -2.7	FLAG= 1

W01-130-EL	OFF(scan1)=	0.0	OFF(scan2)=	0.0	ERROR=	0.0	FLAG=	0
W01-175-EL	OFF(scan1)=	0.0	OFF(scan2)=	0.0	ERROR=	0.0	FLAG=	0
W02-130-EL	OFF(scan1)=	-4.5	OFF(scan2)=	-5.1	ERROR=	0.6	FLAG=	1
W02-175-EL	OFF(scan1)=	-4.6	OFF(scan2)=	-5.3	ERROR=	0.7	FLAG=	1
W03-130-EL	OFF(scan1)=	-2.6	OFF(scan2)=	-2.4	ERROR=	-0.2	FLAG=	1
W03-175-EL	OFF(scan1)=	-2.9	OFF(scan2)=	-2.7	ERROR=	-0.2	FLAG=	1
W04-130-EL	OFF(scan1)=	1.4	OFF(scan2)=	0.5	ERROR=	0.9	FLAG=	1
W04-175-EL	OFF(scan1)=	1.3	OFF(scan2)=	0.4	ERROR=	0.9	FLAG=	1
W05-130-EL	OFF(scan1)=	1.2	OFF(scan2)=	3.7	ERROR=	-2.5	FLAG=	1
W05-175-EL	OFF(scan1)=	1.1	OFF(scan2)=	3.5	ERROR=	-2.4	FLAG=	1
W06-130-EL	OFF(scan1)=	-4.3	OFF(scan2)=	-6.3	ERROR=	2.0	FLAG=	1
W06-175-EL	OFF(scan1)=	-4.5	OFF(scan2)=	-6.5	ERROR=	2.0	FLAG=	1

EL backlash error (arcmin)



EL backlash test (03Jan2023 18:28:30)