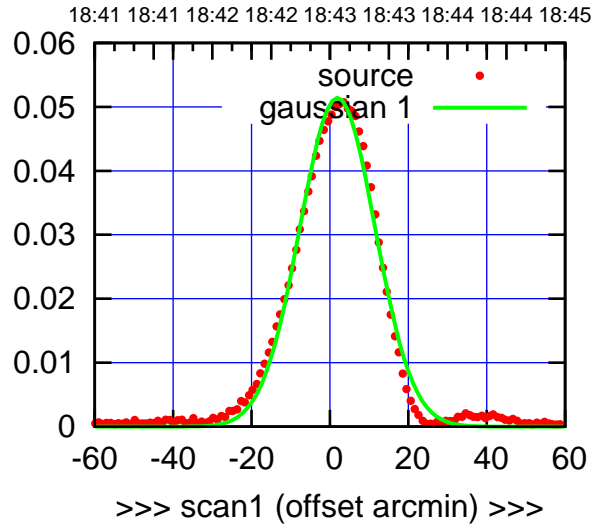
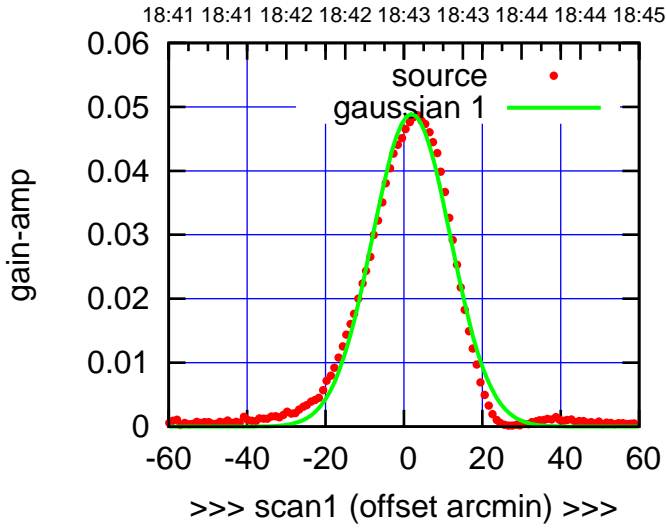


C00-130-EL OFF= 1.9' ( 23.4')

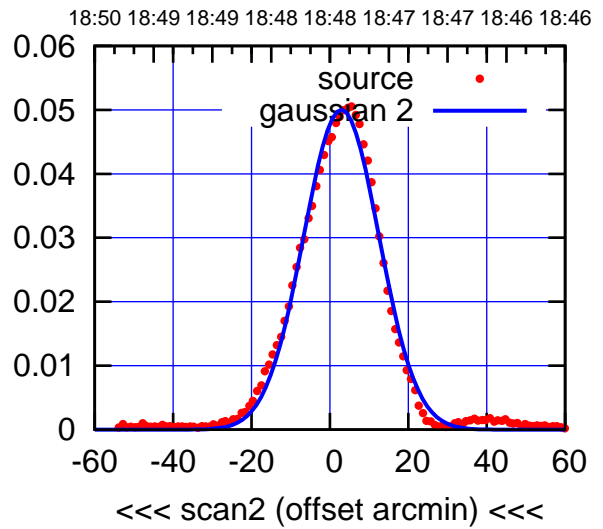
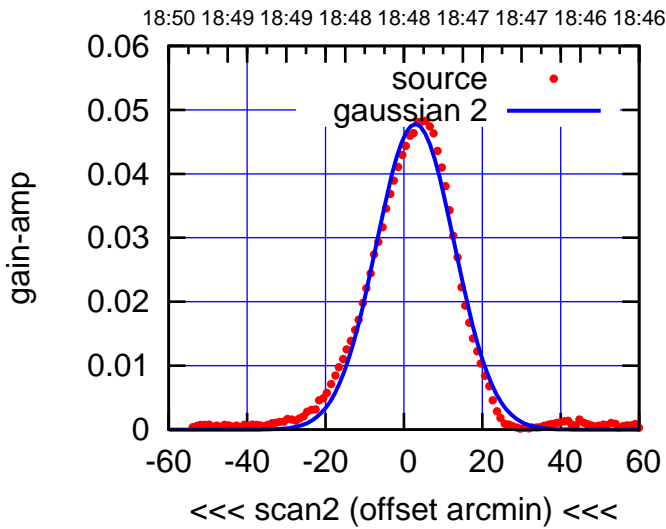
C00-175-EL OFF= 1.9' ( 22.6')



(+30'/m) 24Apr2023 18:43:00

C00-130-EL OFF= 2.9' ( 23.5')

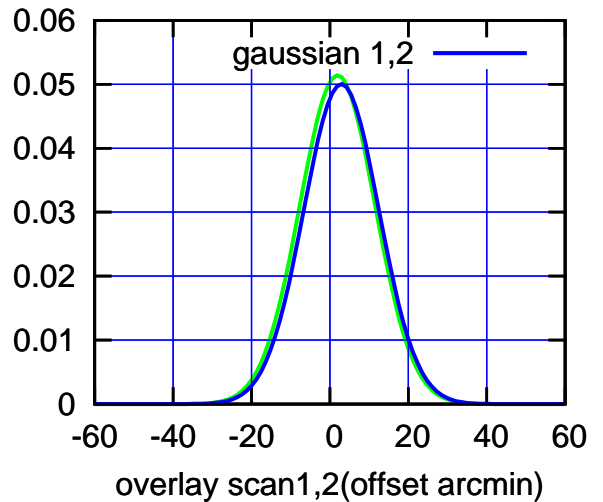
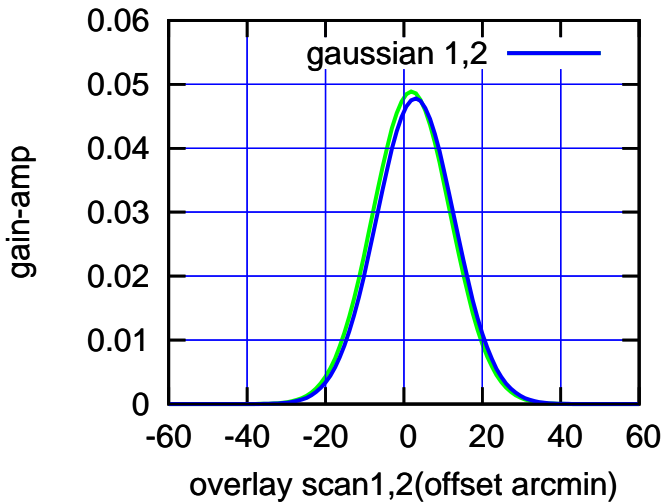
C00-175-EL OFF= 2.9' ( 22.6')



(-30'/m) 24Apr2023 18:48:00

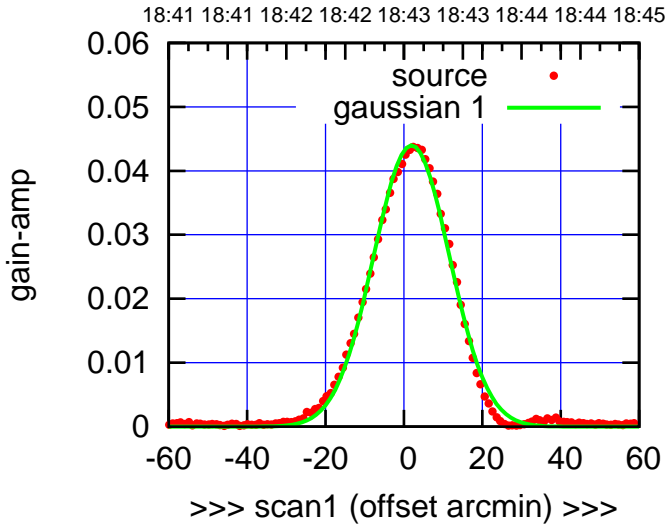
BACKLASH ERROR= -1.0'

BACKLASH ERROR= -1.0'

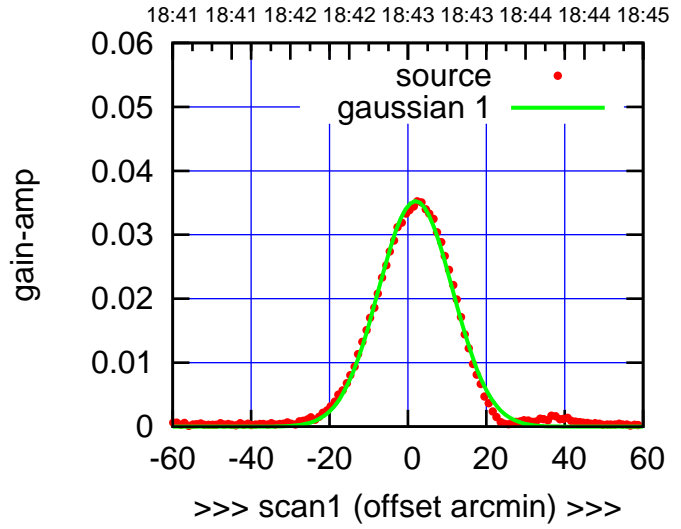


(1371 MHz.)

C01-130-EL OFF= 1.9' ( 22.8')

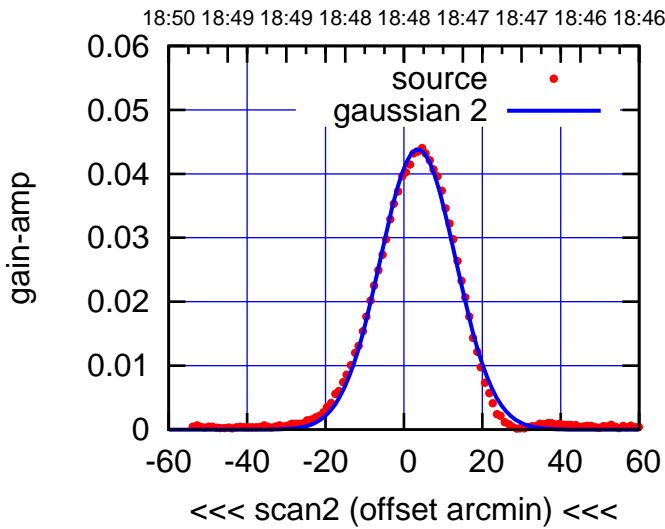


C01-175-EL OFF= 2.0' ( 22.3')

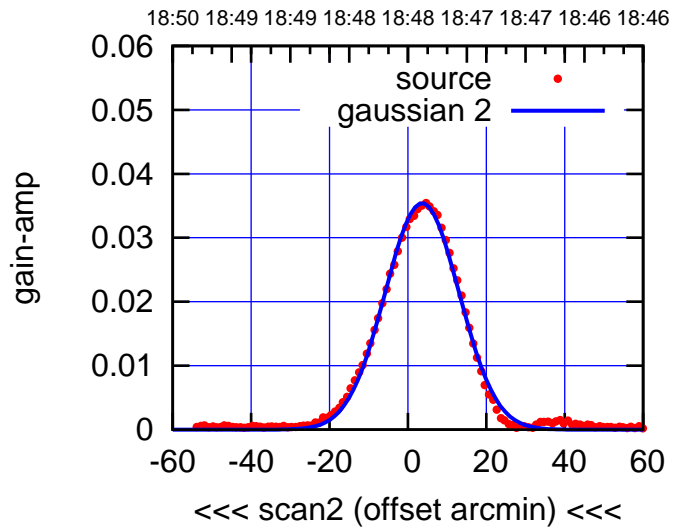


(+30'/m) 24Apr2023 18:43:00

C01-130-EL OFF= 3.6' ( 22.7')

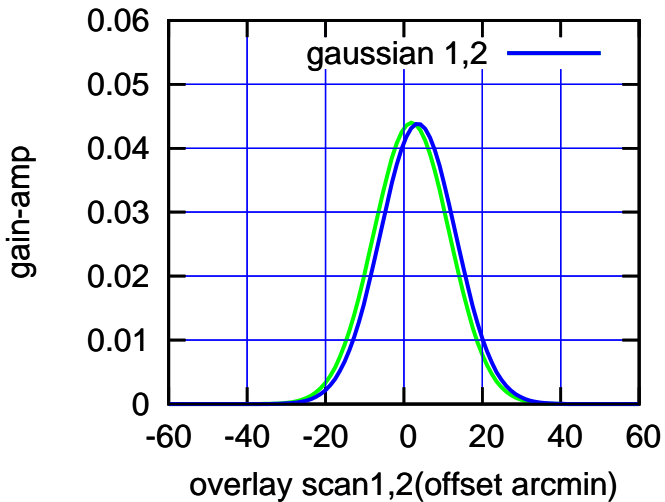


C01-175-EL OFF= 3.6' ( 22.2')

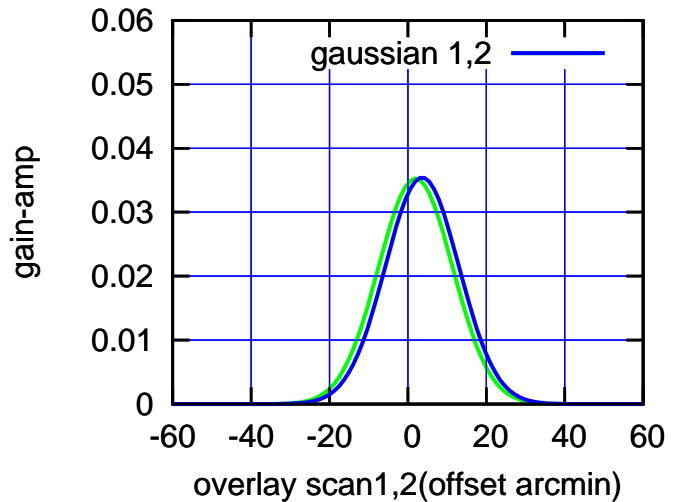


(-30'/m) 24Apr2023 18:48:00

BACKLASH ERROR= -1.7'



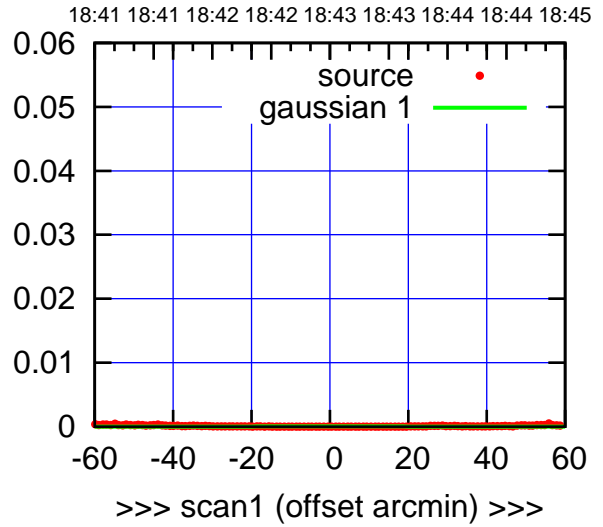
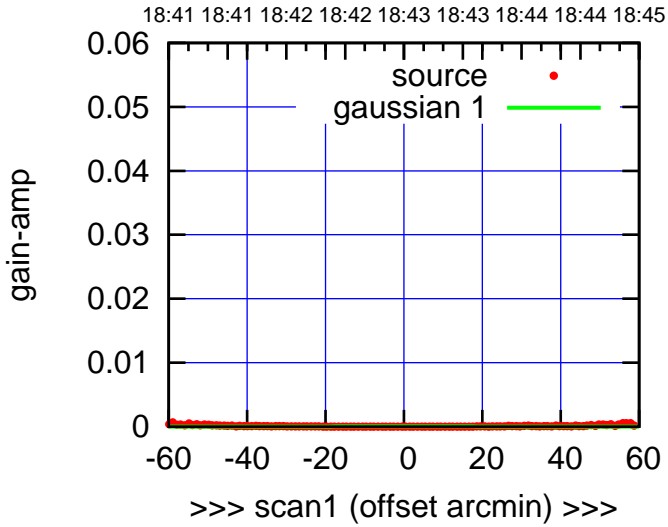
BACKLASH ERROR= -1.6'



(1371 MHz.)

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

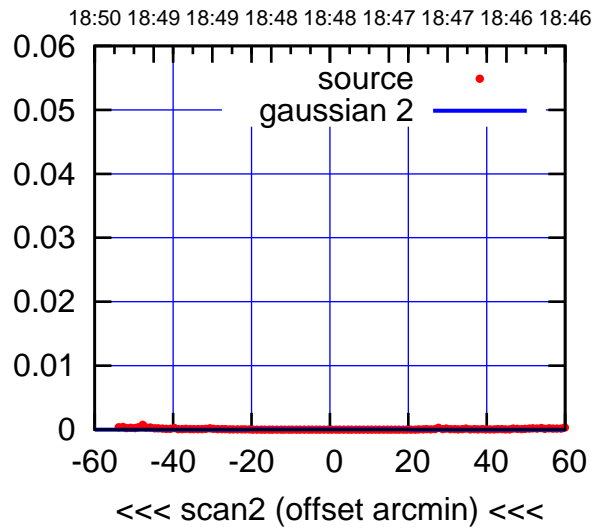
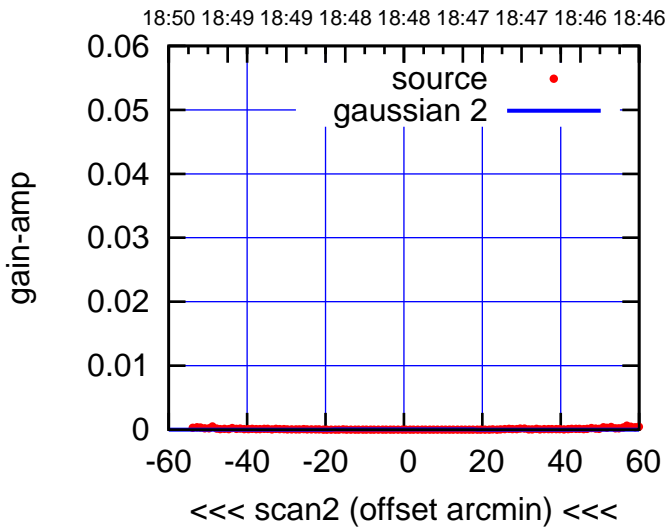
C02-175-EL OFF= 0.0' ( 42.4')



(+30'/m) 24Apr2023 18:43:00

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

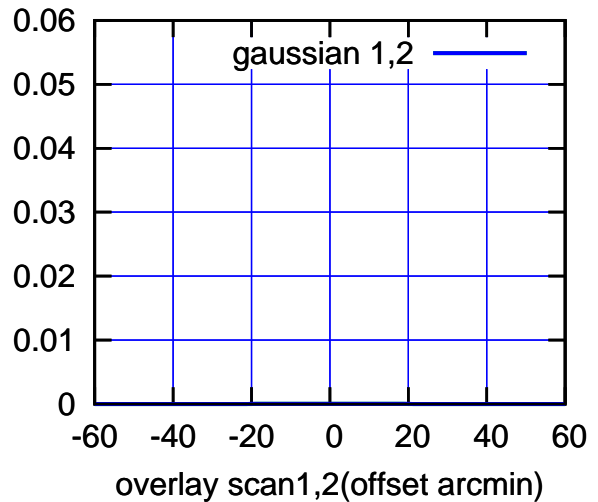
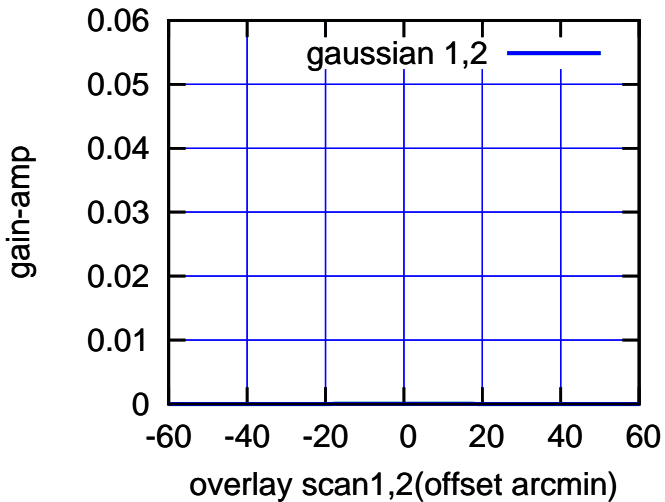
C02-175-EL OFF= 0.0' ( 42.4')



(-30'/m) 24Apr2023 18:48:00

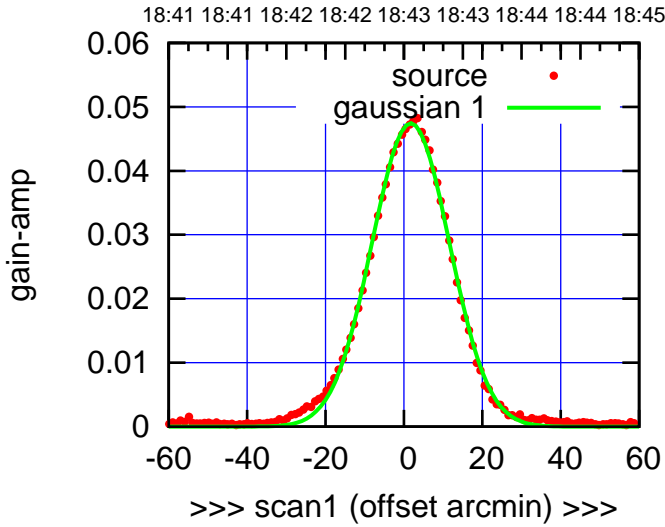
BACKLASH ERROR= 0.0'

BACKLASH ERROR= 0.0'

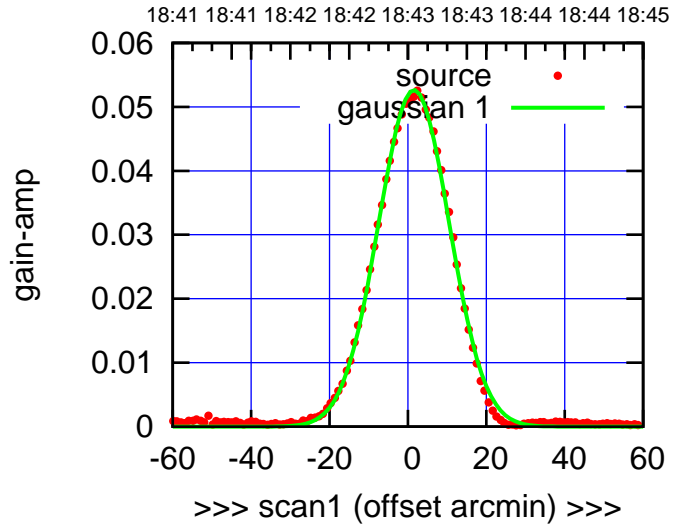


(1371 MHz.)

C03-130-EL OFF= 1.7' ( 23.2')

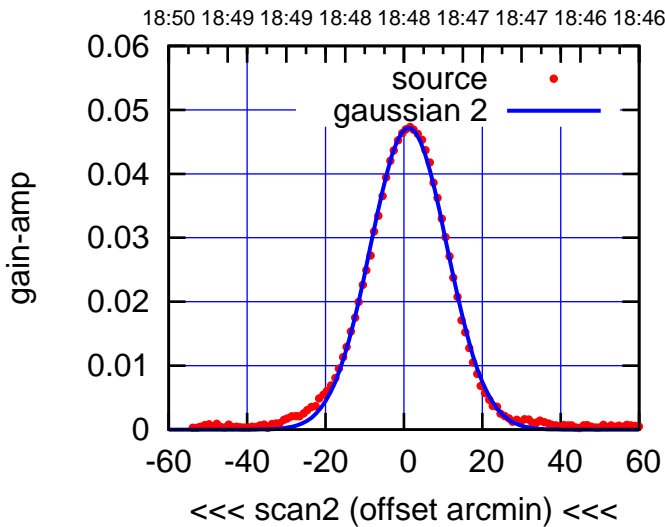


C03-175-EL OFF= 1.5' ( 21.1')

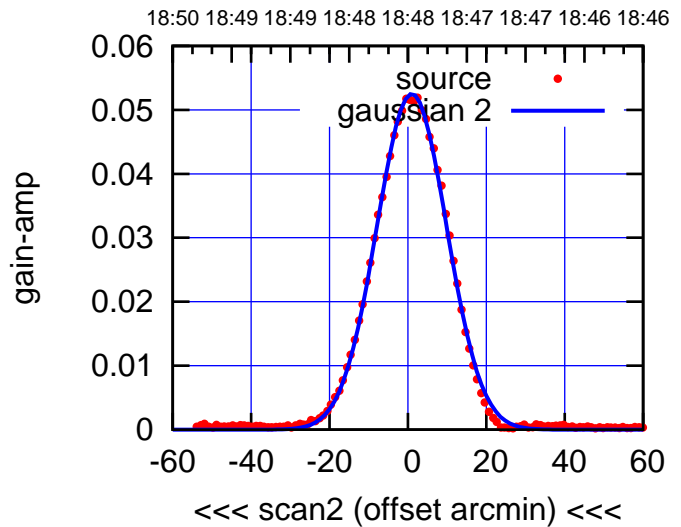


(+30'/m) 24Apr2023 18:43:00

C03-130-EL OFF= 1.2' ( 23.0')

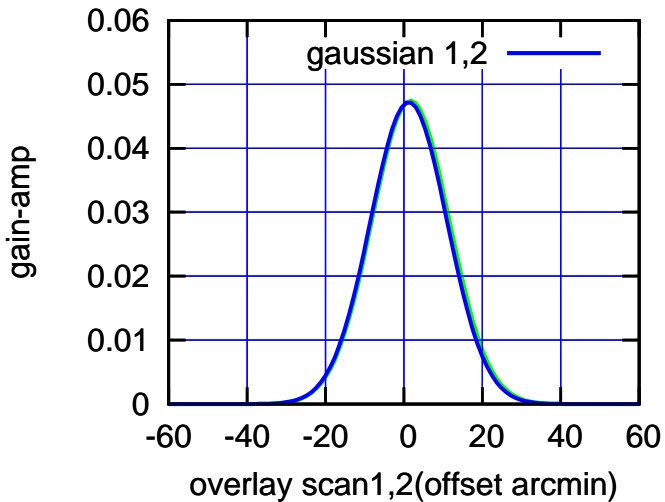


C03-175-EL OFF= 1.0' ( 20.9')

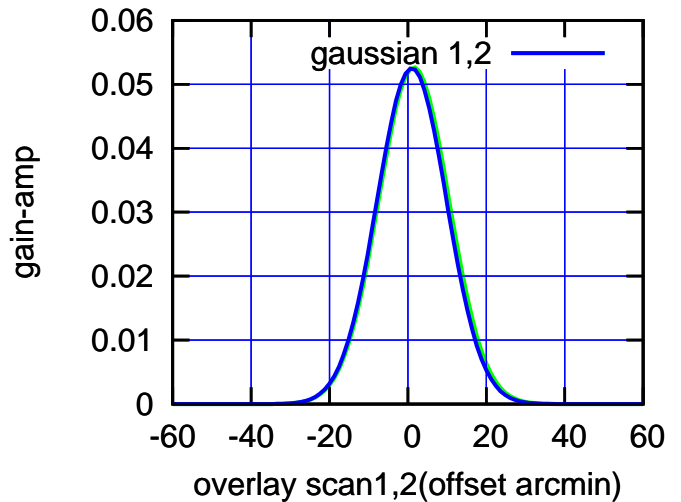


(-30'/m) 24Apr2023 18:48:00

BACKLASH ERROR= 0.5'



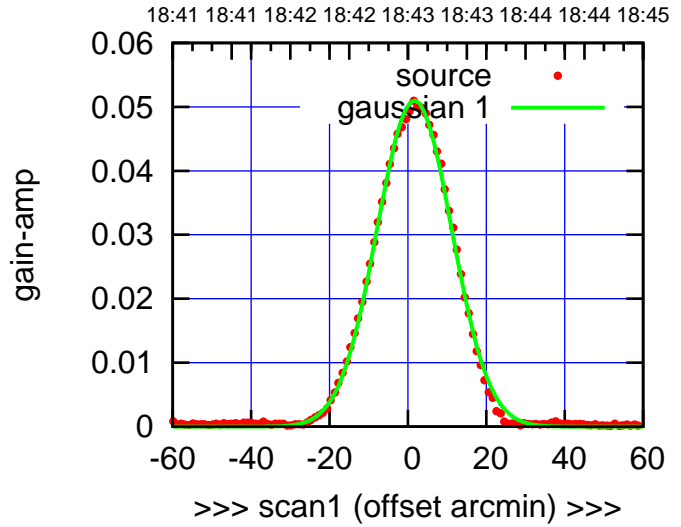
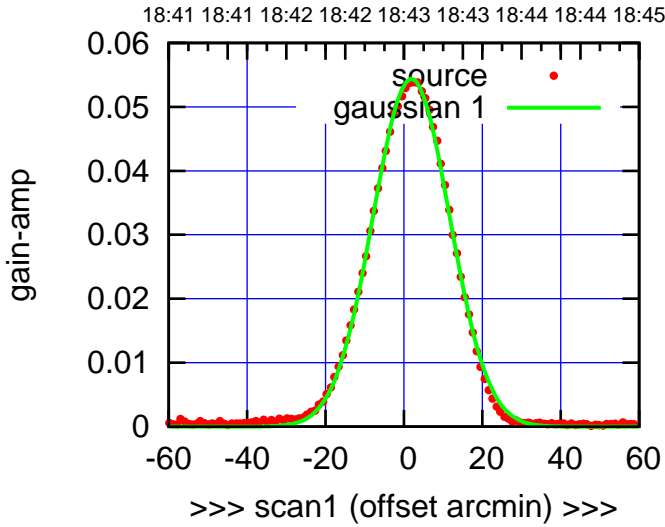
BACKLASH ERROR= 0.5'



(1371 MHz.)

C04-130-EL OFF= 1.9' ( 22.9')

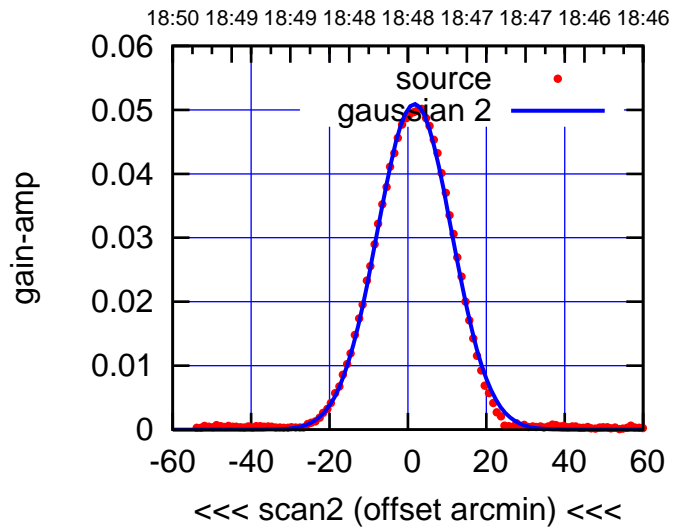
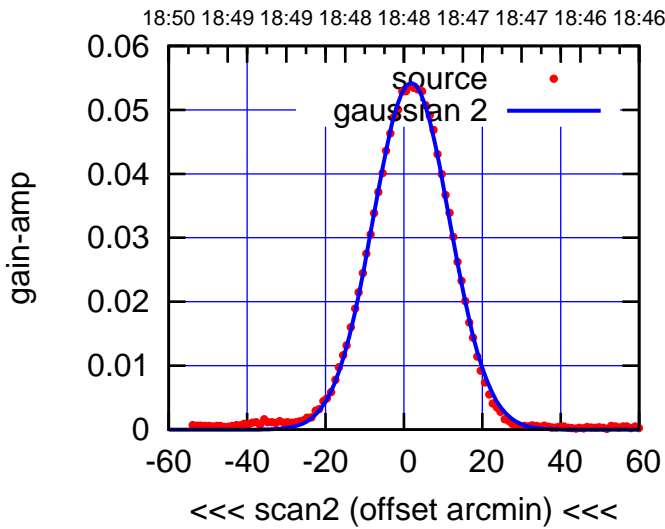
C04-175-EL OFF= 1.7' ( 22.4')



(+30'/m) 24Apr2023 18:43:00

C04-130-EL OFF= 1.9' ( 23.0')

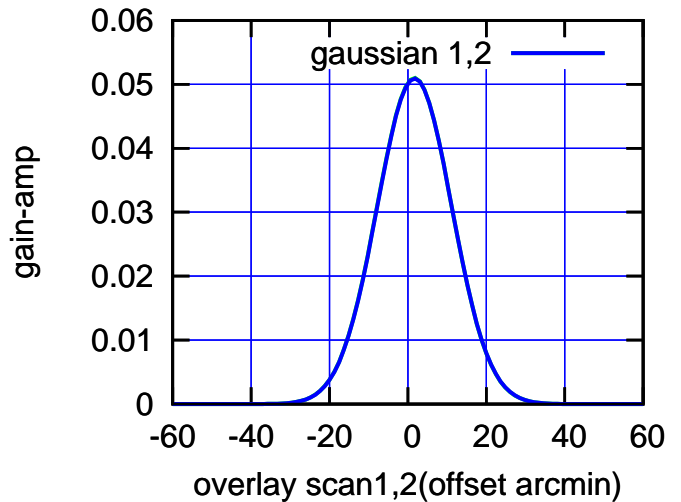
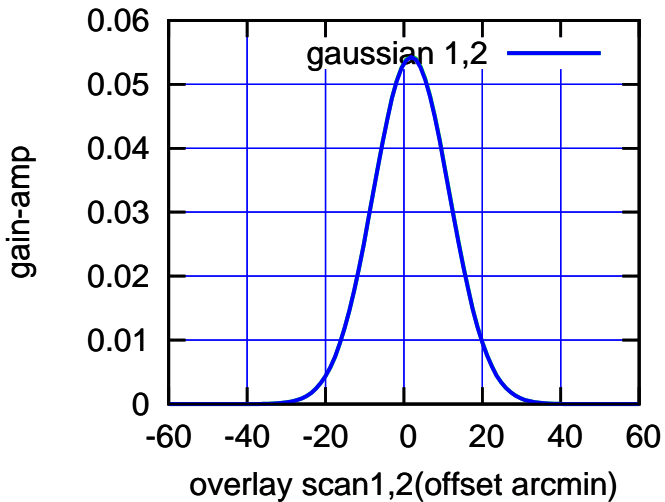
C04-175-EL OFF= 1.7' ( 22.4')



(-30'/m) 24Apr2023 18:48:00

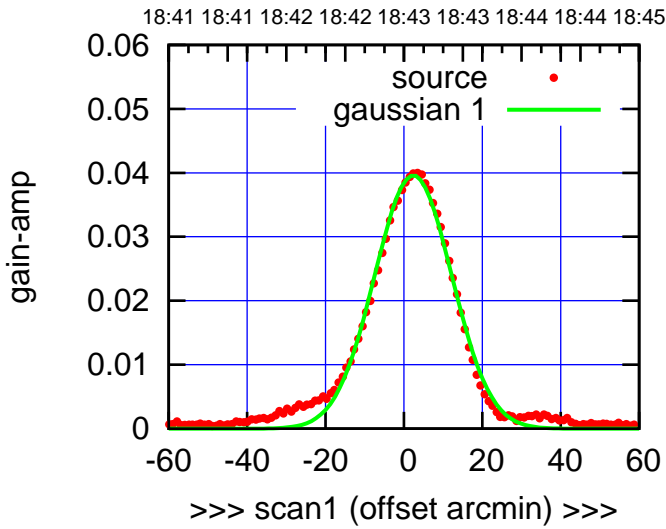
BACKLASH ERROR= 0.0'

BACKLASH ERROR= 0.0'

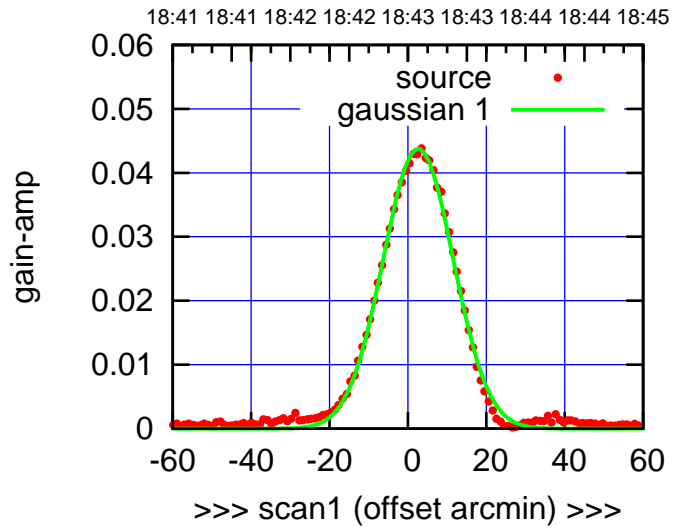


(1371 MHz.)

C05-130-EL OFF= 2.4' ( 23.1')

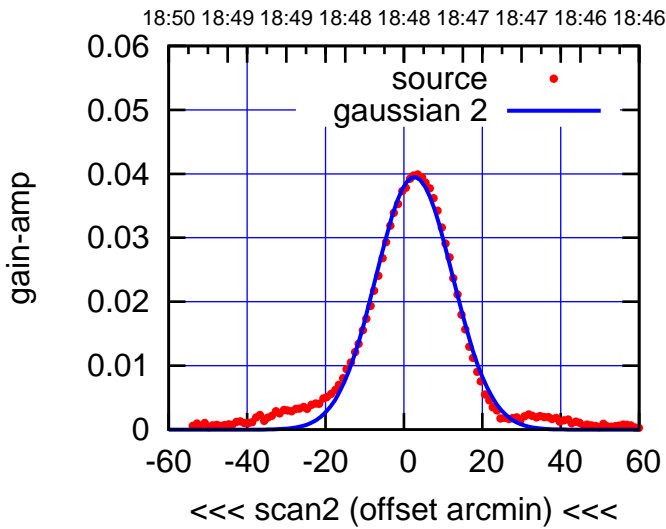


C05-175-EL OFF= 2.6' ( 21.0')

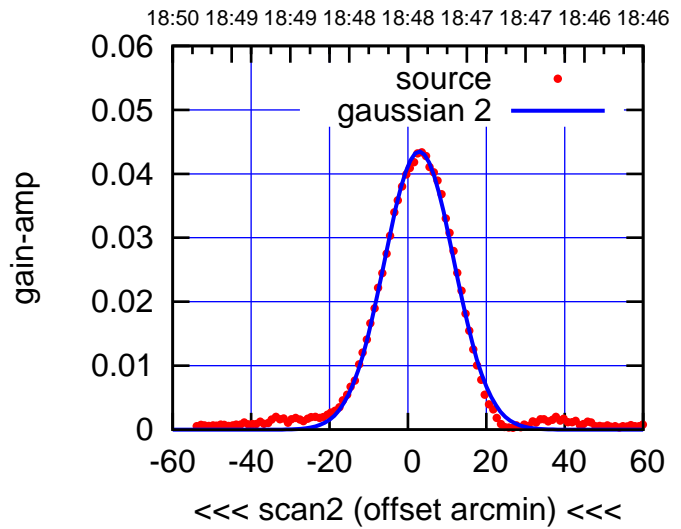


(+30'/m) 24Apr2023 18:43:00

C05-130-EL OFF= 2.7' ( 23.0')

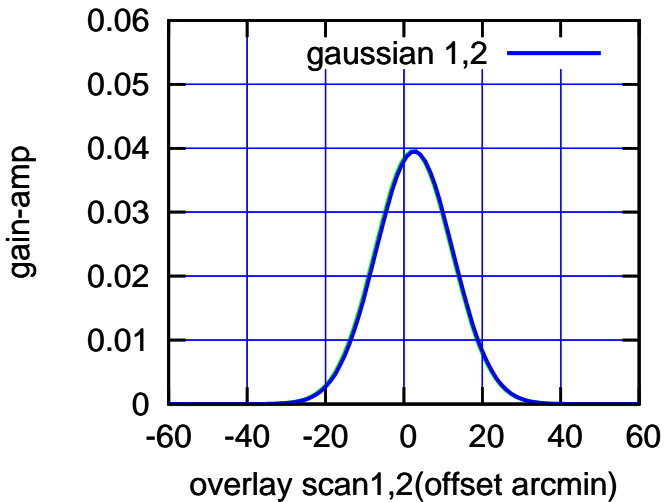


C05-175-EL OFF= 2.9' ( 20.9')

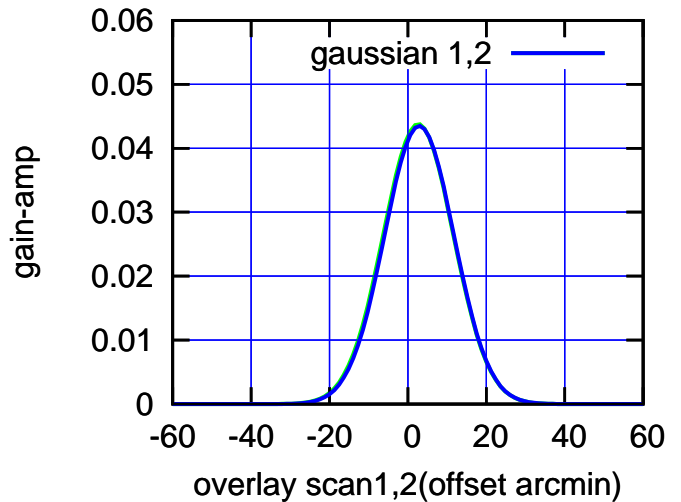


(-30'/m) 24Apr2023 18:48:00

BACKLASH ERROR= -0.3'



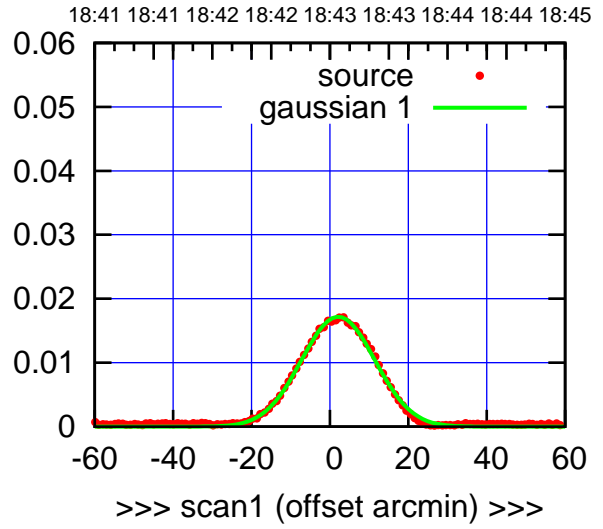
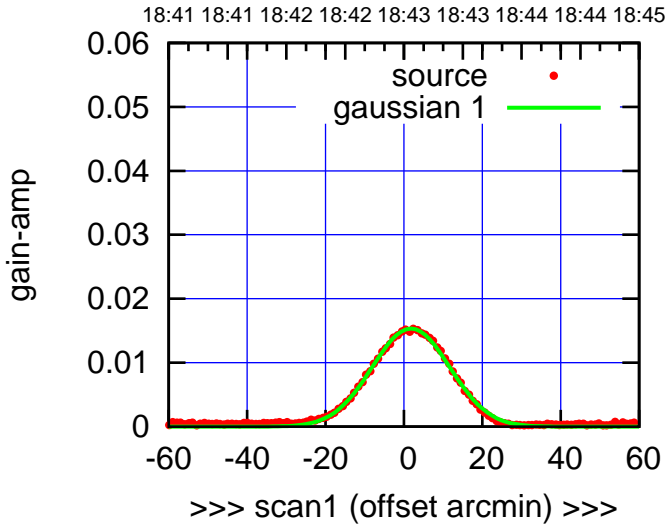
BACKLASH ERROR= -0.3'



(1371 MHz.)

C06-130-EL OFF= 1.8' (23.3')

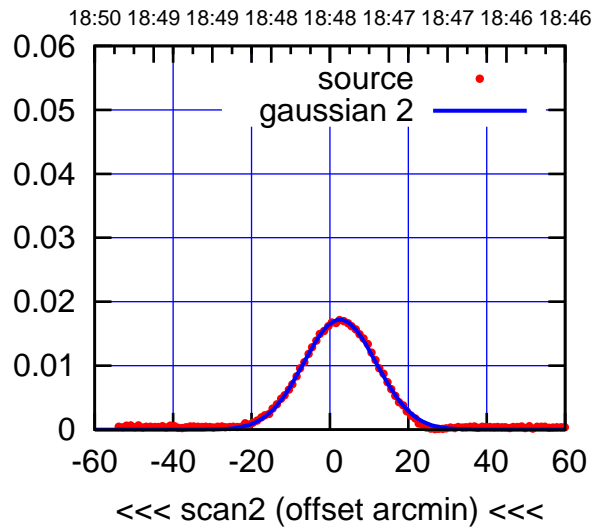
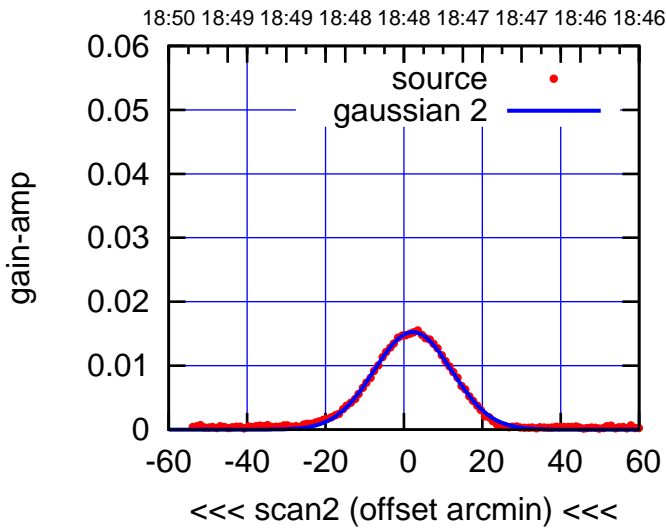
C06-175-EL OFF= 2.1' (22.0')



(+30'/m) 24Apr2023 18:43:00

C06-130-EL OFF= 2.3' (23.2')

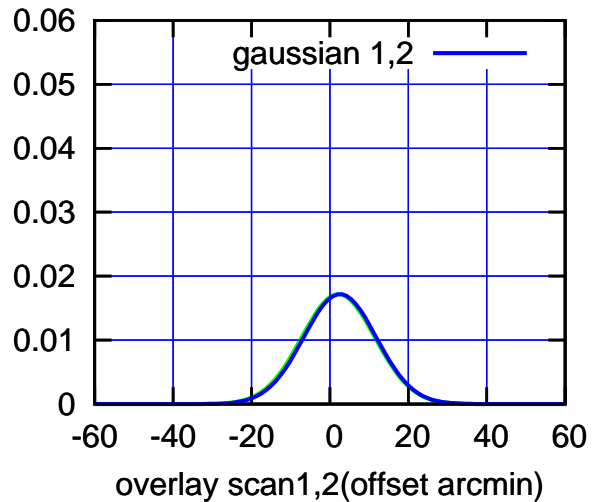
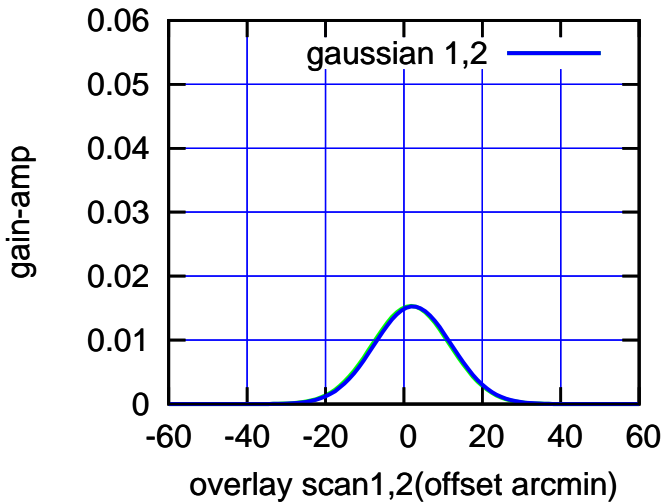
C06-175-EL OFF= 2.6' (21.8')



(-30'/m) 24Apr2023 18:48:00

BACKLASH ERROR= -0.5'

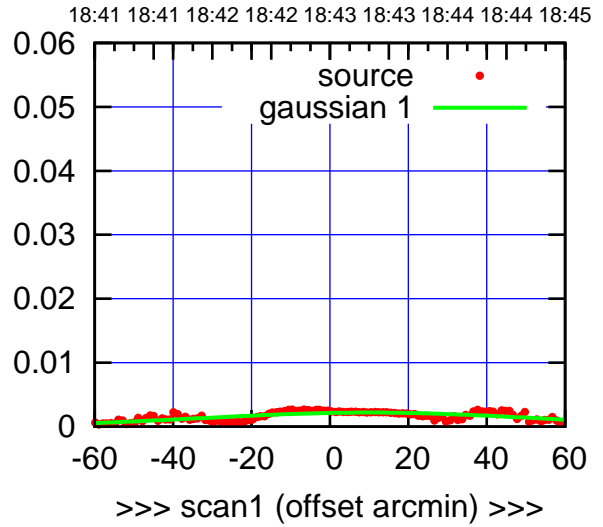
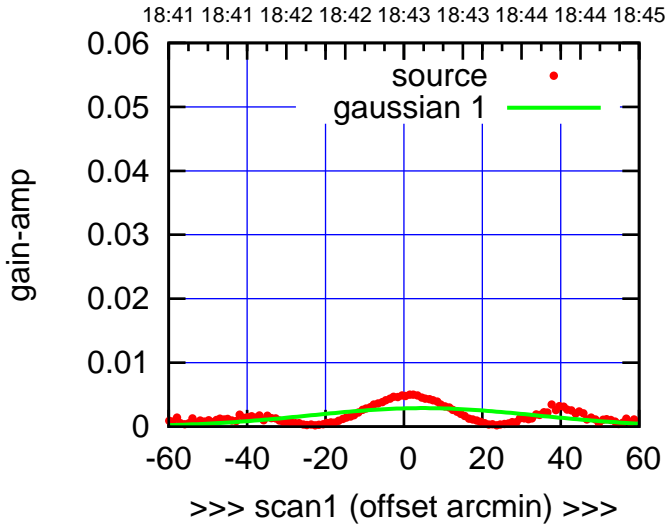
BACKLASH ERROR= -0.5'



(1371 MHz.)

C08-130-EL OFF= 0.0' (68.0')

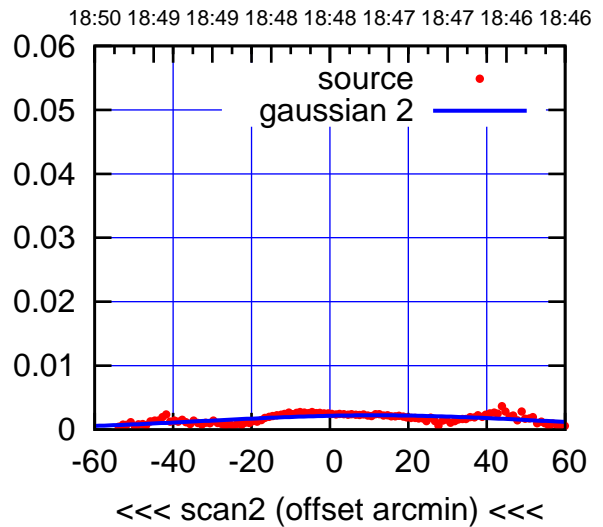
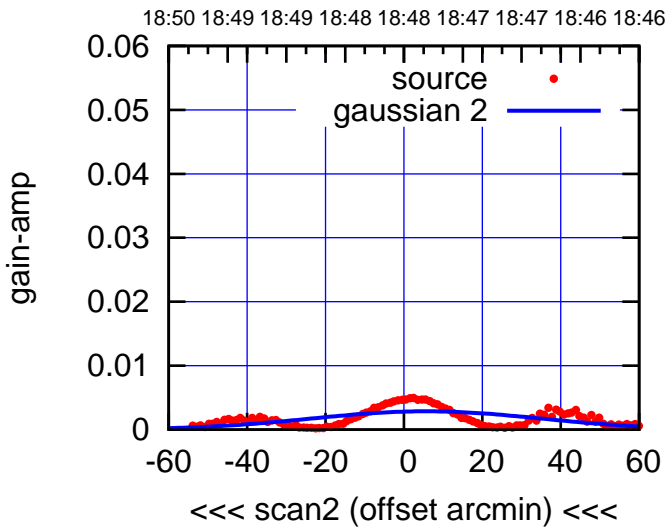
C08-175-EL OFF= 0.0' (100.5')



(+30'/m) 24Apr2023 18:43:00

C08-130-EL OFF= 0.0' (68.8')

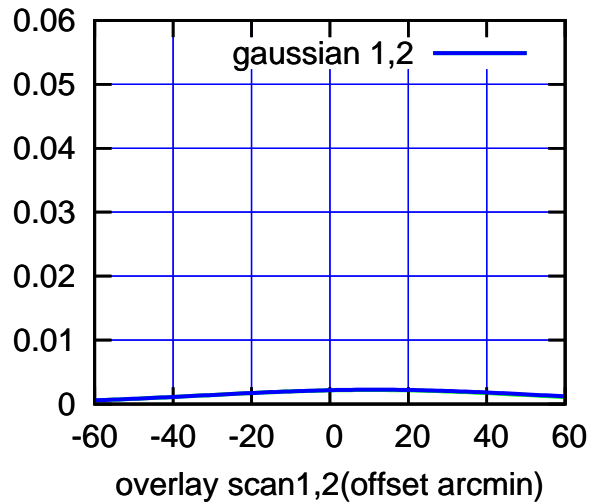
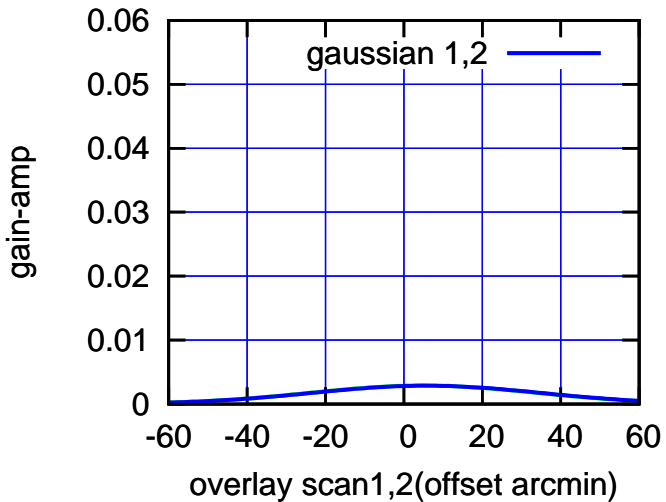
C08-175-EL OFF= 0.0' (102.5')



(-30'/m) 24Apr2023 18:48:00

BACKLASH ERROR= 0.0'

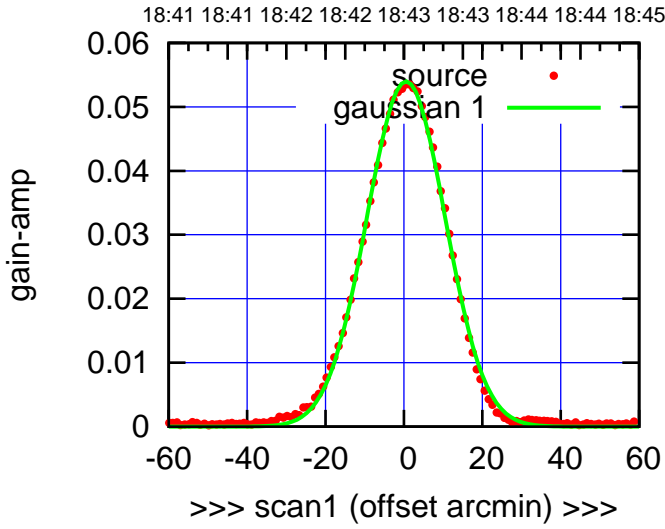
BACKLASH ERROR= 0.0'



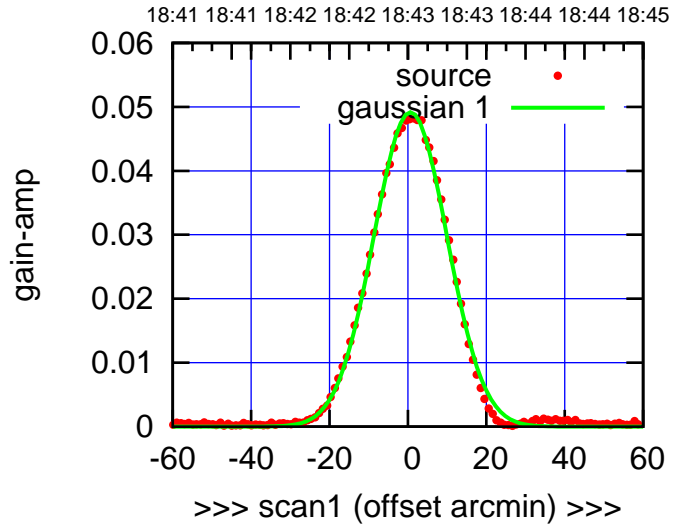
(1371 MHz.)



C09-130-EL OFF= 0.5' ( 23.5')

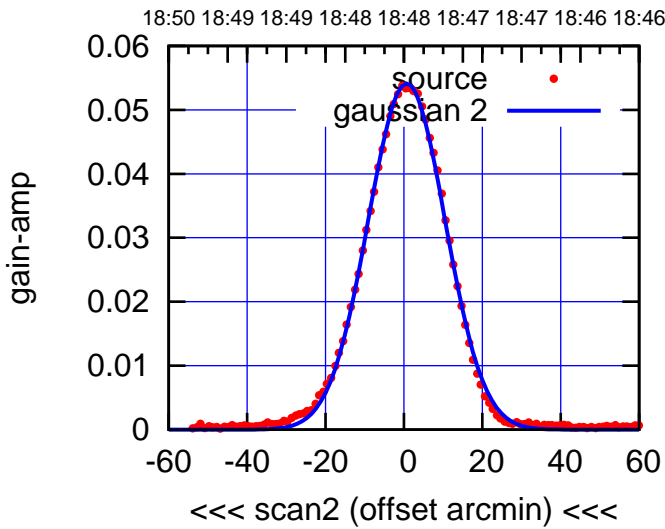


C09-175-EL OFF= 0.6' ( 21.9')

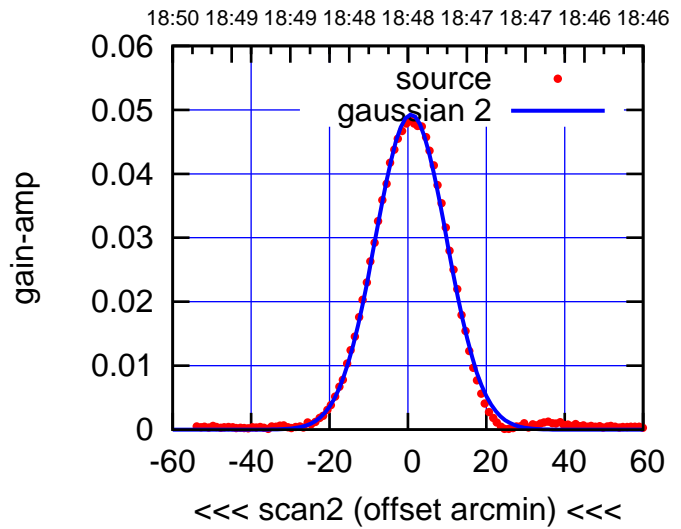


(+30'/m) 24Apr2023 18:43:00

C09-130-EL OFF= 0.7' ( 23.0')

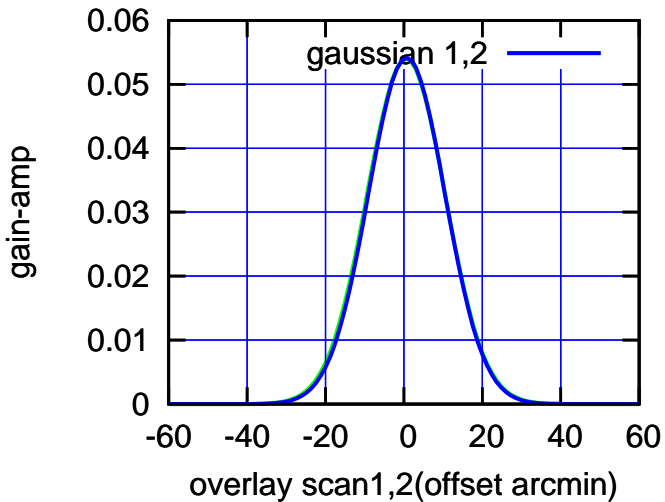


C09-175-EL OFF= 0.8' ( 21.4')

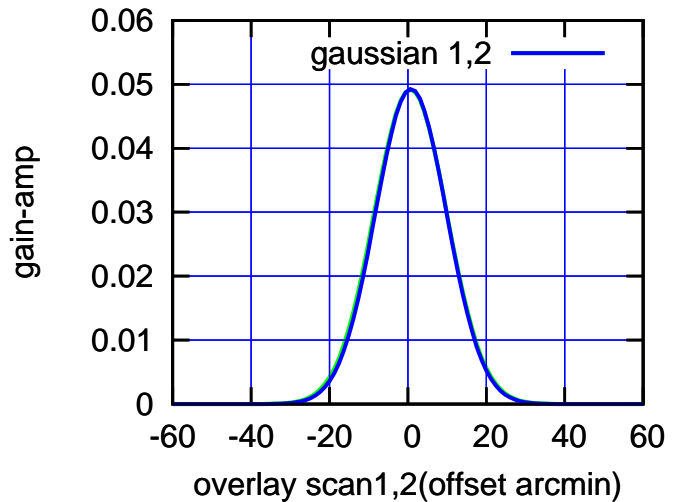


(-30'/m) 24Apr2023 18:48:00

BACKLASH ERROR= -0.2'

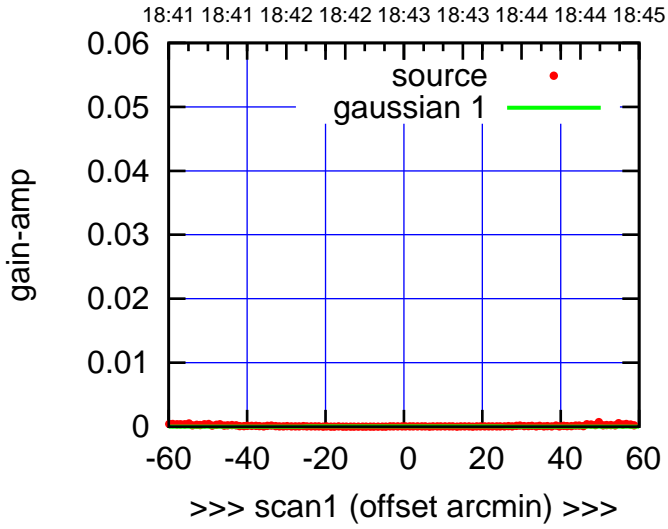


BACKLASH ERROR= -0.2'

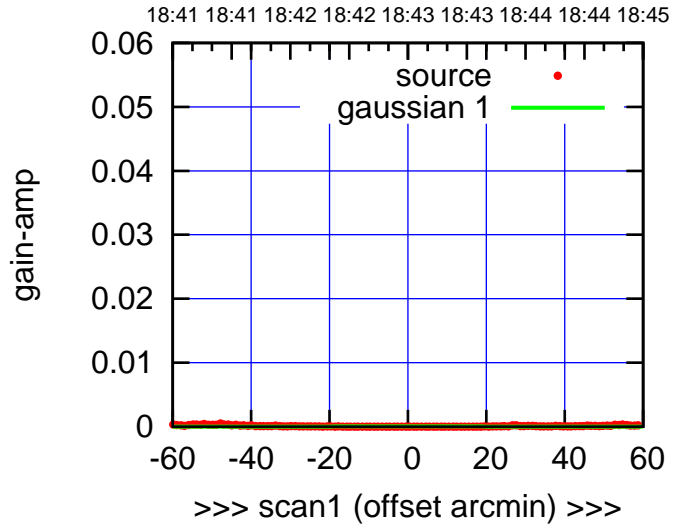


(1371 MHz.)

C10-130-EL OFF= 0.0' ( 42.4')

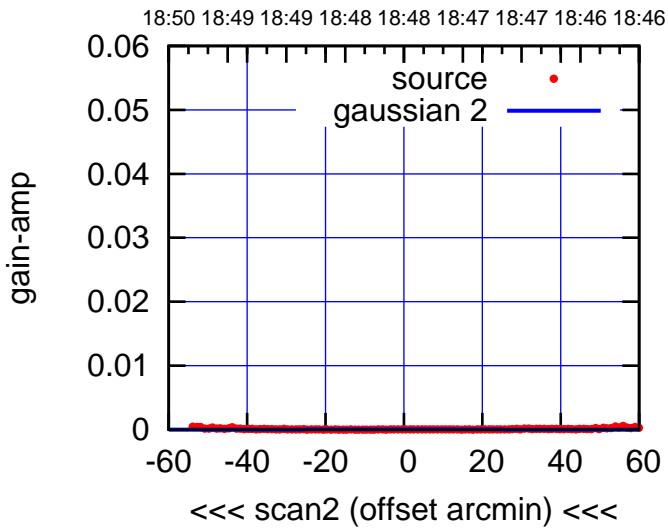


C10-175-EL OFF= 0.0' ( 42.4')

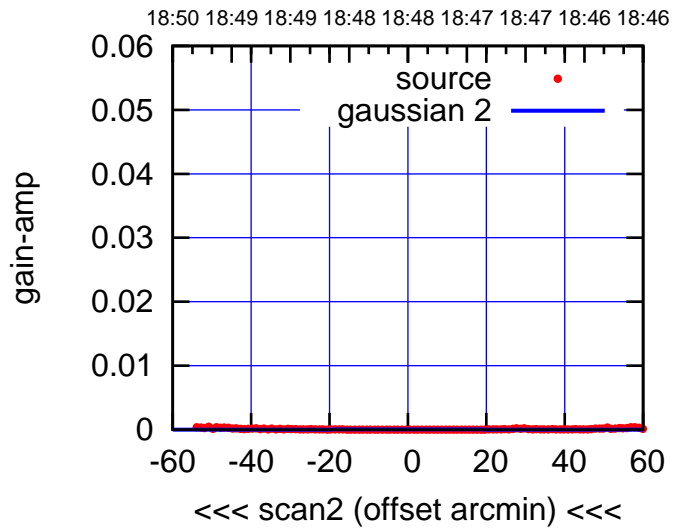


(+30'/m) 24Apr2023 18:43:00

C10-130-EL OFF= 0.0' ( 42.4')

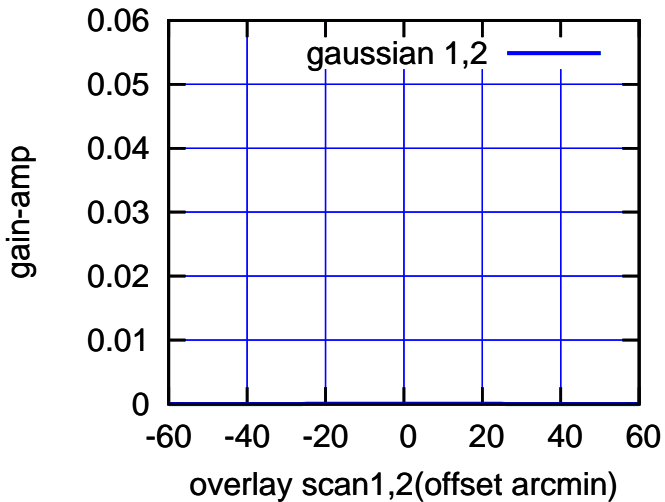


C10-175-EL OFF= 0.0' ( 42.4')

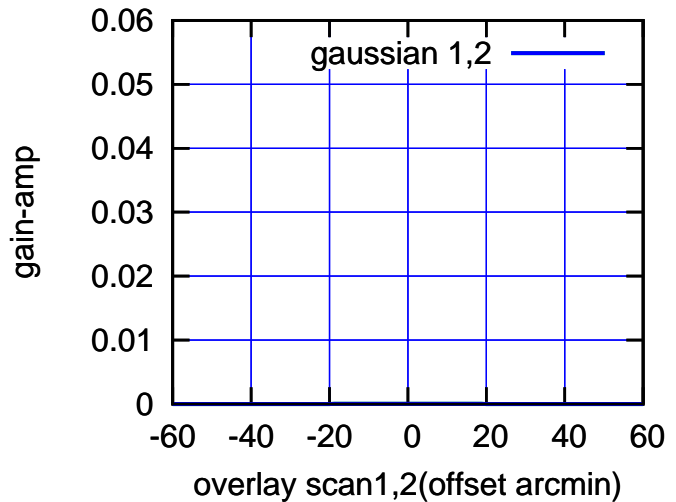


(-30'/m) 24Apr2023 18:48:00

BACKLASH ERROR= 0.0'



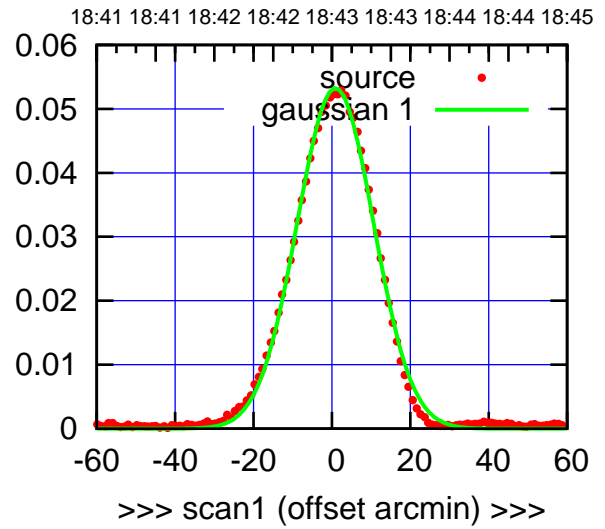
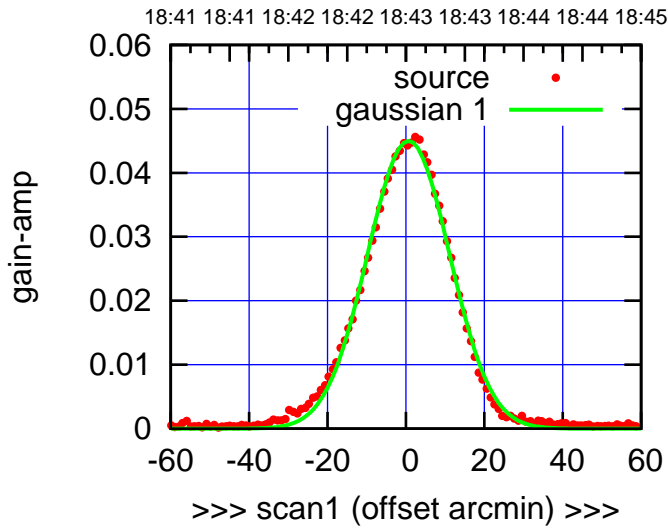
BACKLASH ERROR= 0.0'



(1371 MHz.)

C11-130-EL OFF= 0.7' (24.6')

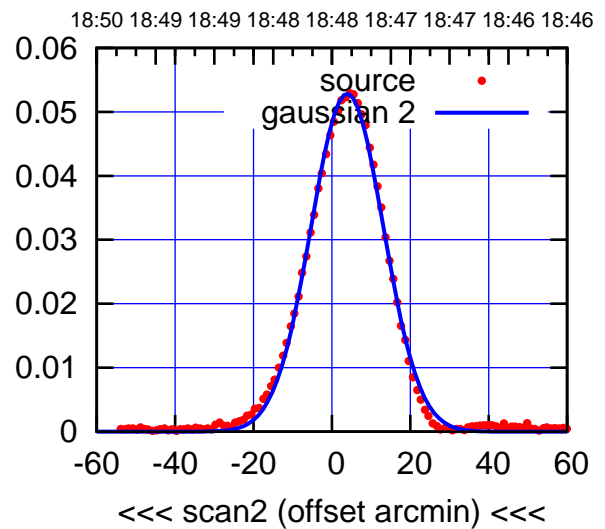
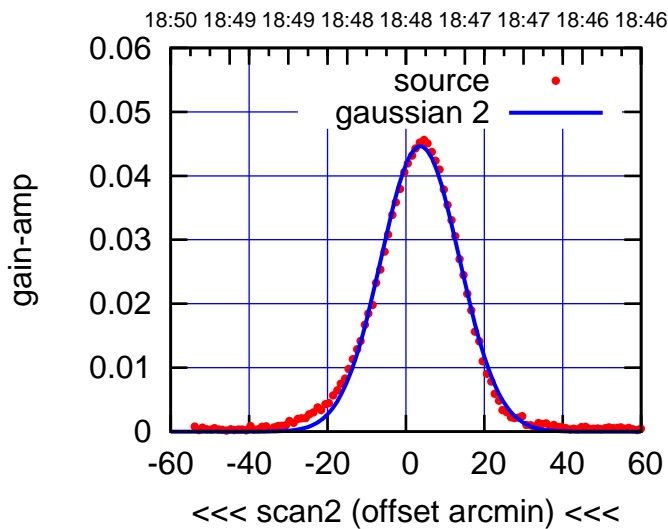
C11-175-EL OFF= 0.9' (22.9')



(+30'/m) 24Apr2023 18:43:00

C11-130-EL OFF= 3.7' (23.5')

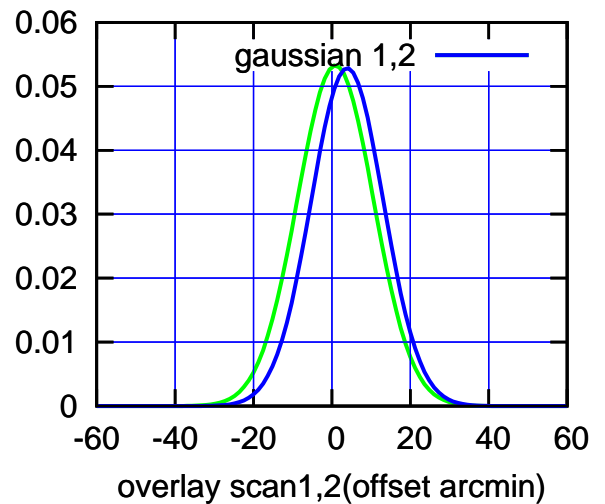
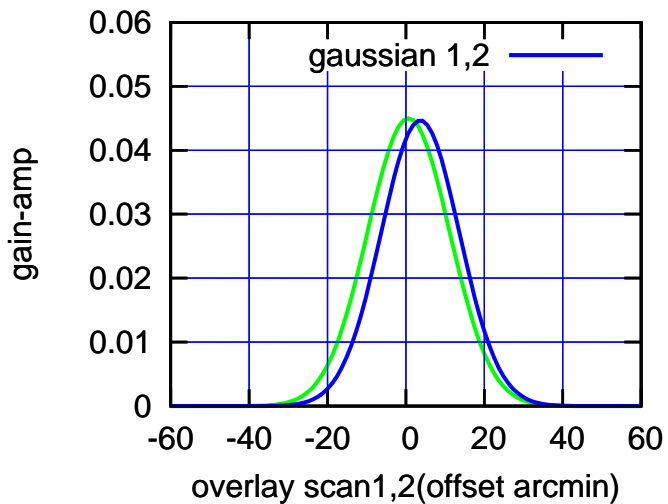
C11-175-EL OFF= 3.9' (21.7')



(-30'/m) 24Apr2023 18:48:00

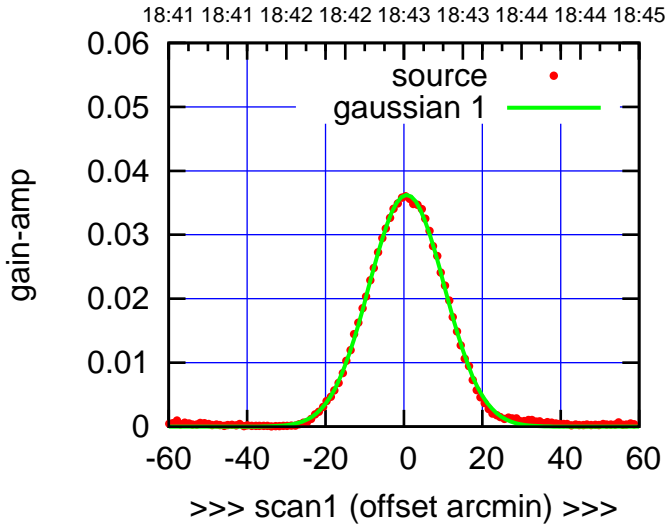
BACKLASH ERROR= -3.0'

BACKLASH ERROR= -3.0'

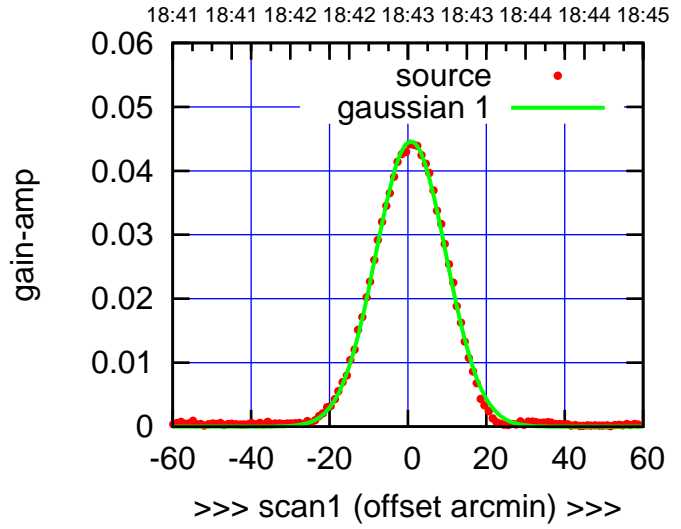


(1371 MHz.)

C12-130-EL OFF= 0.7' ( 22.6')

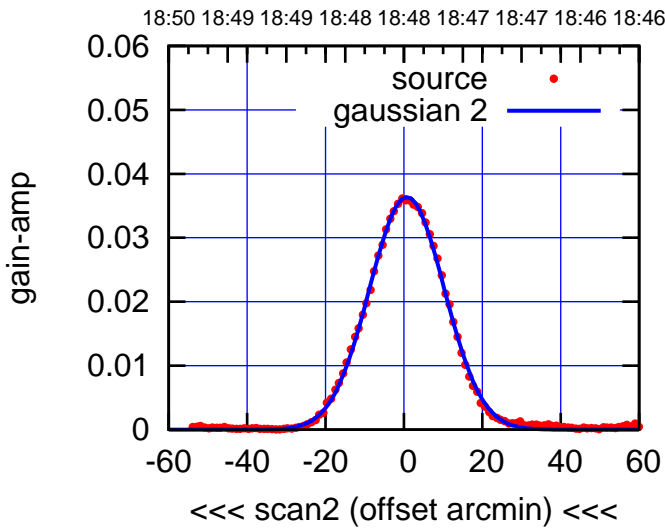


C12-175-EL OFF= 0.8' ( 21.0')

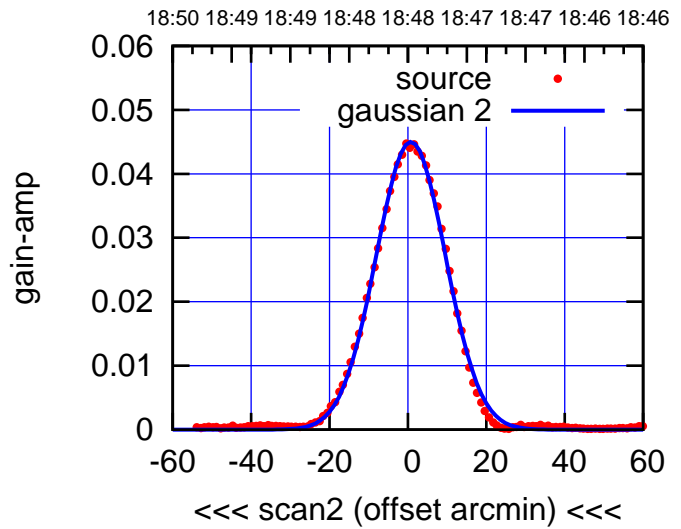


(+30'/m) 24Apr2023 18:43:00

C12-130-EL OFF= 0.8' ( 22.4')

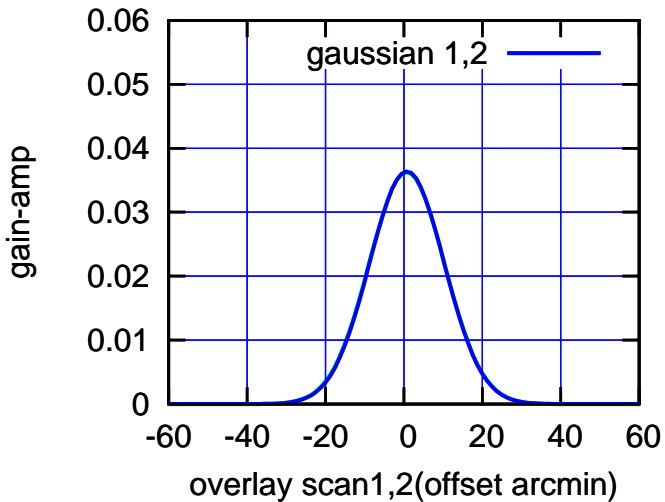


C12-175-EL OFF= 0.8' ( 20.7')

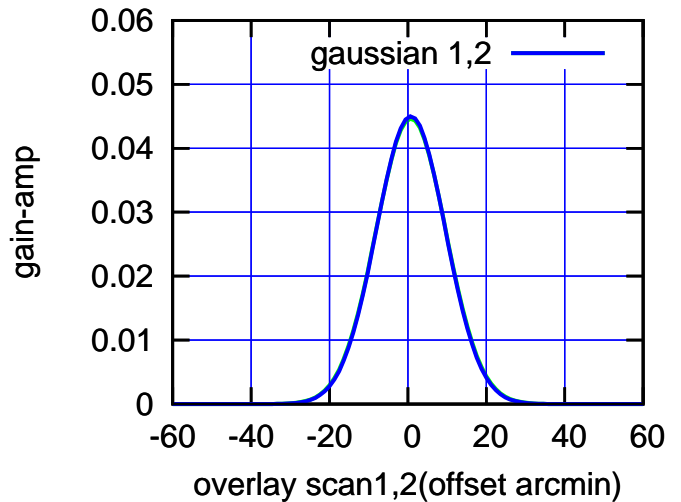


(-30'/m) 24Apr2023 18:48:00

BACKLASH ERROR= -0.1'

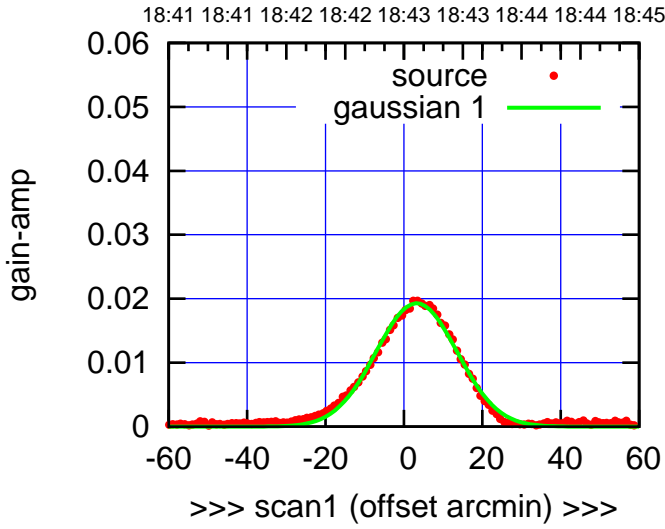


BACKLASH ERROR= 0.0'

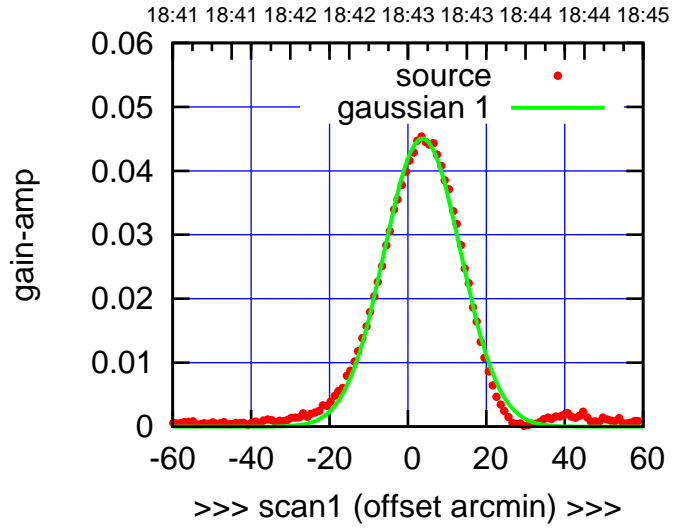


(1371 MHz.)

C13-130-EL OFF= 3.2' (24.3')

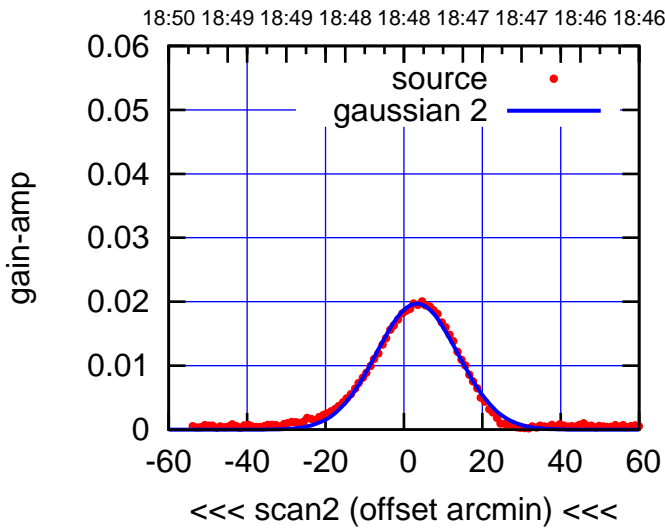


C13-175-EL OFF= 3.7' (23.0')

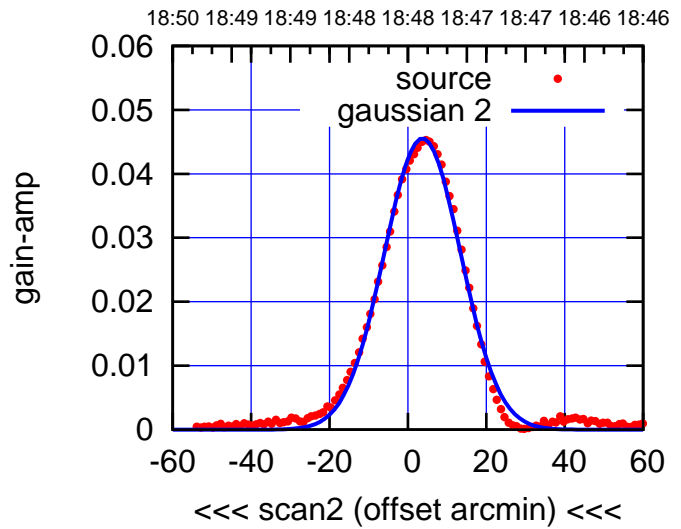


(+30'/m) 24Apr2023 18:43:00

C13-130-EL OFF= 3.3' (24.4')

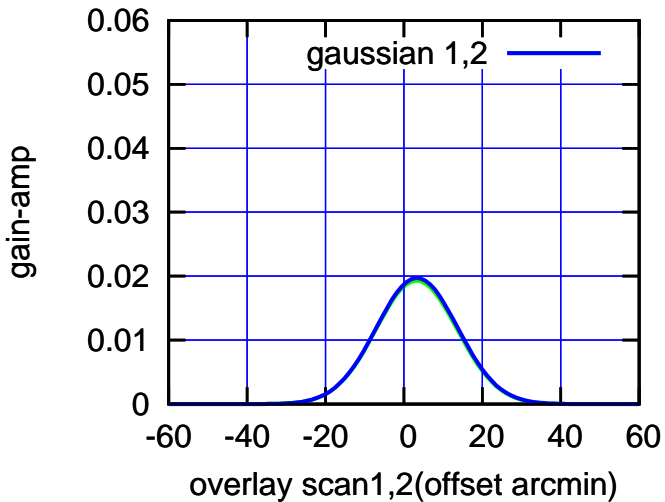


C13-175-EL OFF= 3.7' (22.9')

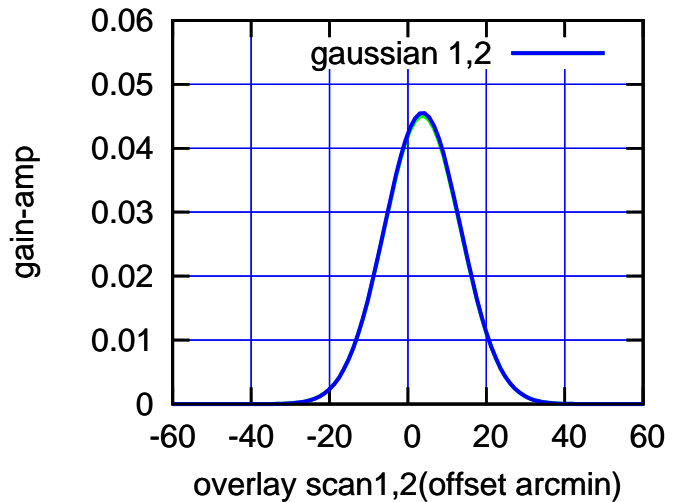


(-30'/m) 24Apr2023 18:48:00

BACKLASH ERROR= -0.1'



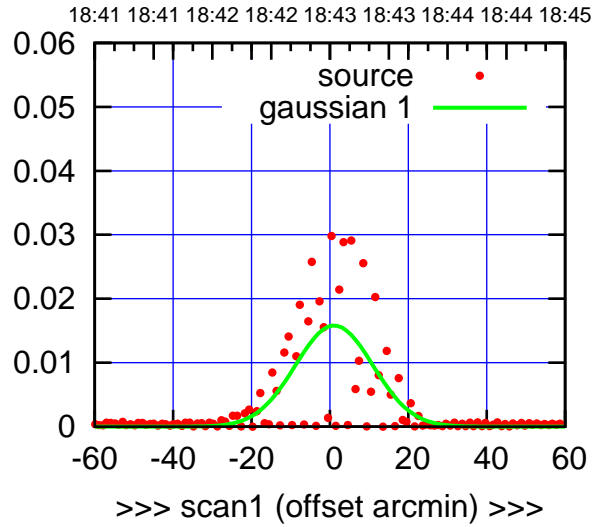
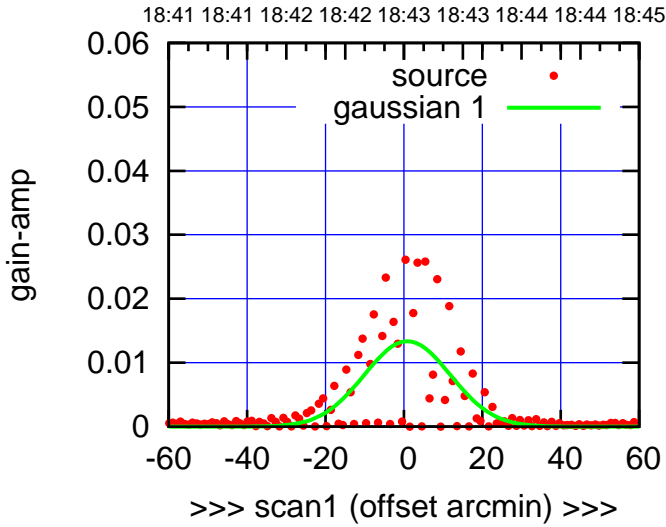
BACKLASH ERROR= 0.0'



(1371 MHz.)

C14-130-EL OFF= 0.9' ( 25.8')

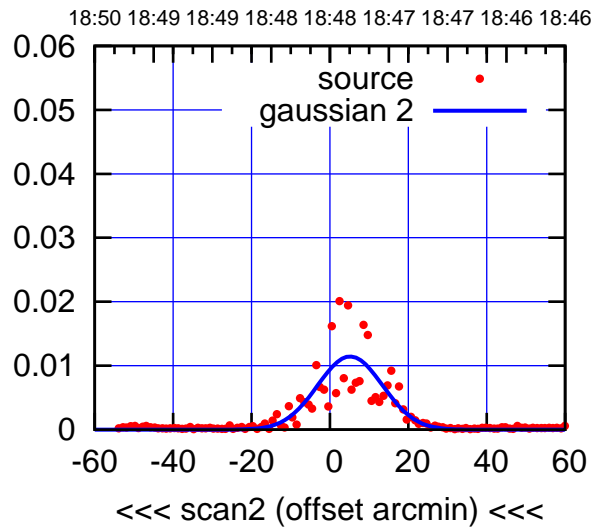
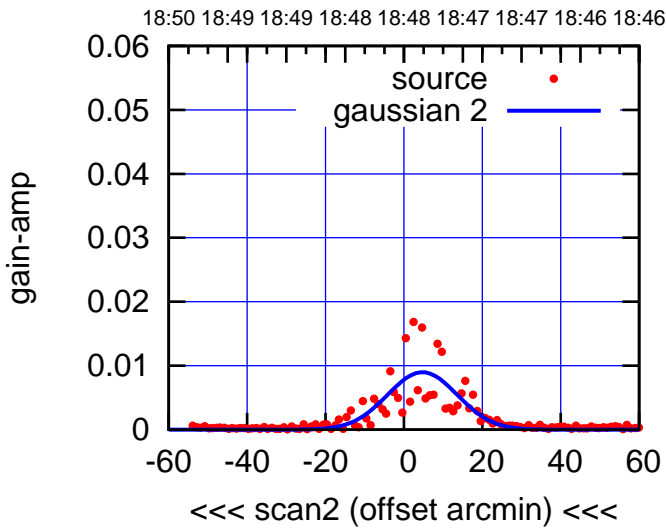
C14-175-EL OFF= 1.1' ( 23.3')



(+30'/m) 24Apr2023 18:43:00

C14-130-EL OFF= 4.7' ( 20.9')

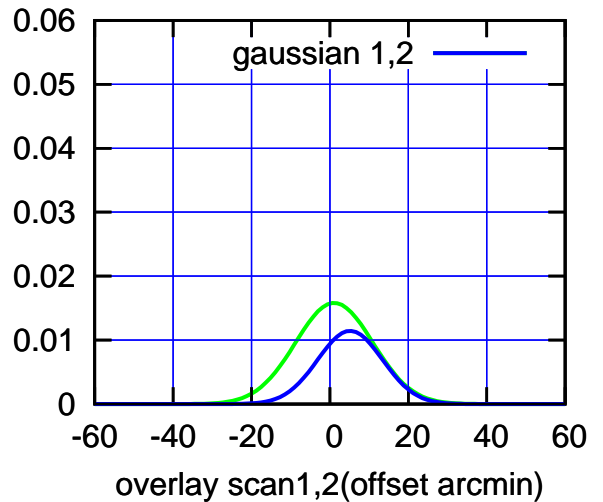
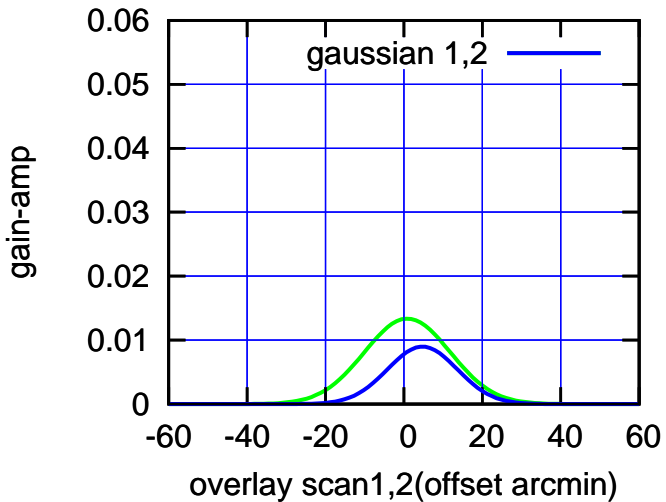
C14-175-EL OFF= 5.1' ( 19.5')



(-30'/m) 24Apr2023 18:48:00

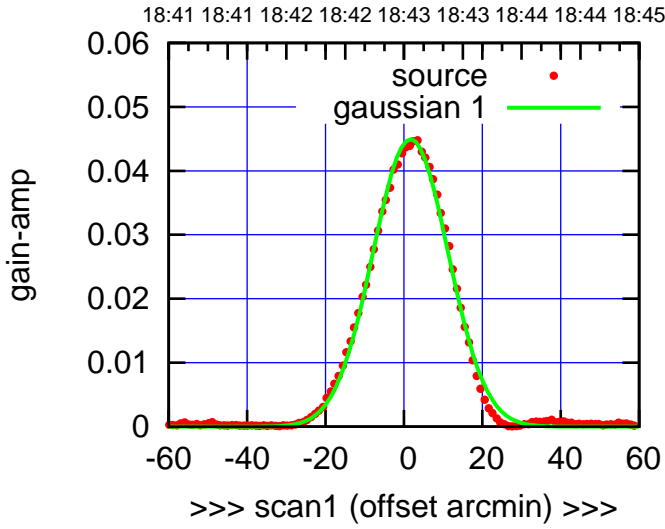
BACKLASH ERROR= -3.8'

BACKLASH ERROR= -4.0'

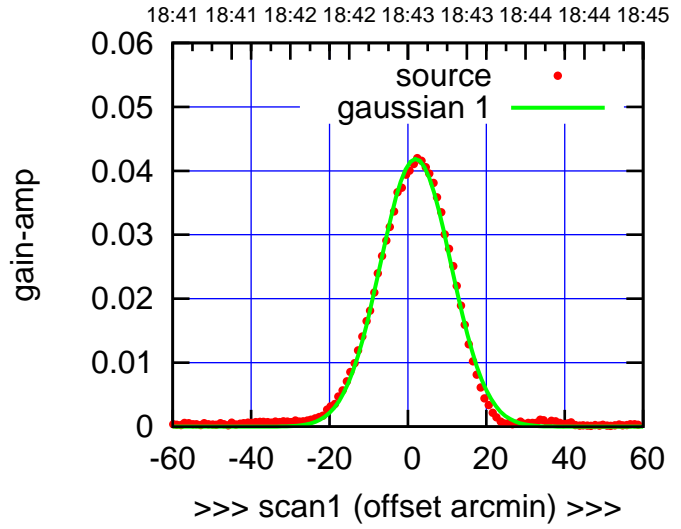


(1371 MHz.)

E02-130-EL OFF= 1.7' (22.5')

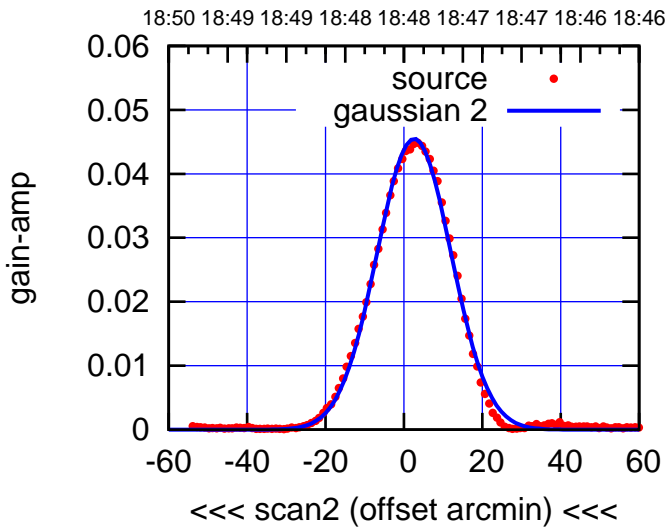


E02-175-EL OFF= 2.0' (21.2')

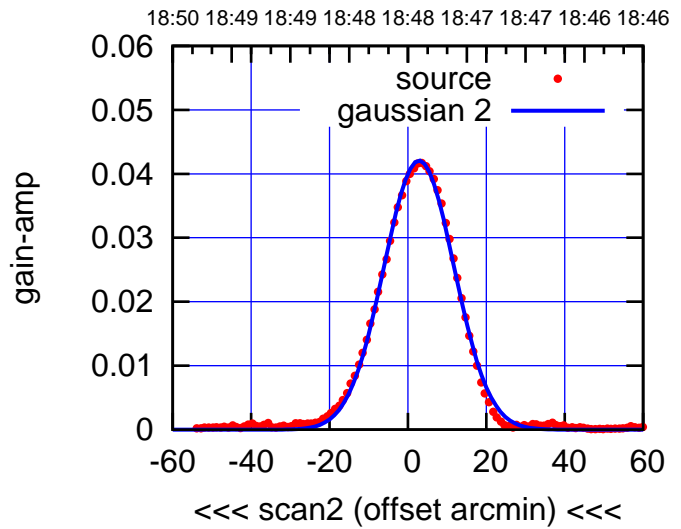


(+30'/m) 24Apr2023 18:43:00

E02-130-EL OFF= 2.6' (22.2')

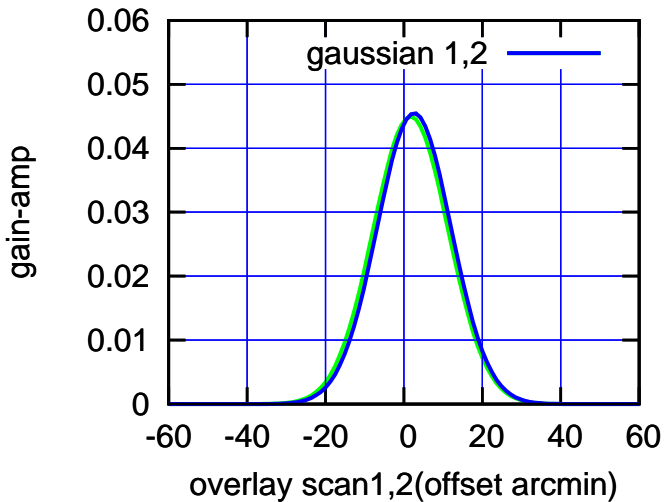


E02-175-EL OFF= 2.8' (21.0')

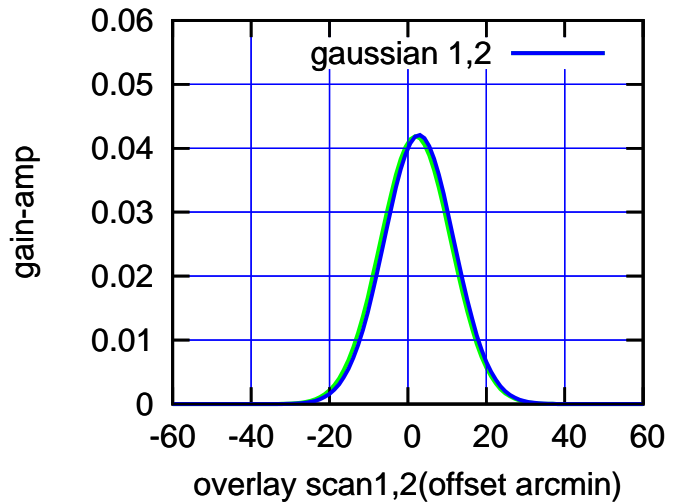


(-30'/m) 24Apr2023 18:48:00

BACKLASH ERROR= -0.9'

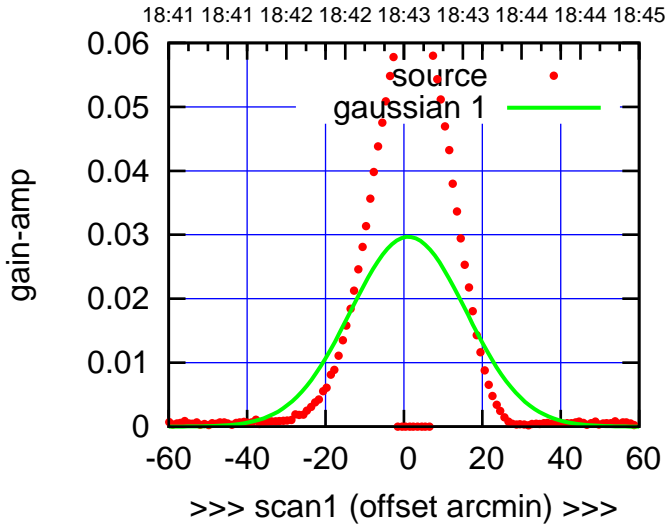


BACKLASH ERROR= -0.8'

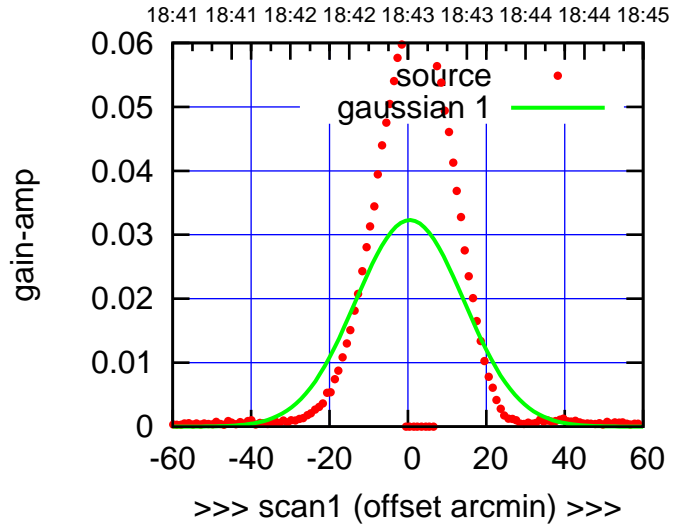


(1371 MHz.)

E03-130-EL OFF= 1.1' (34.8')

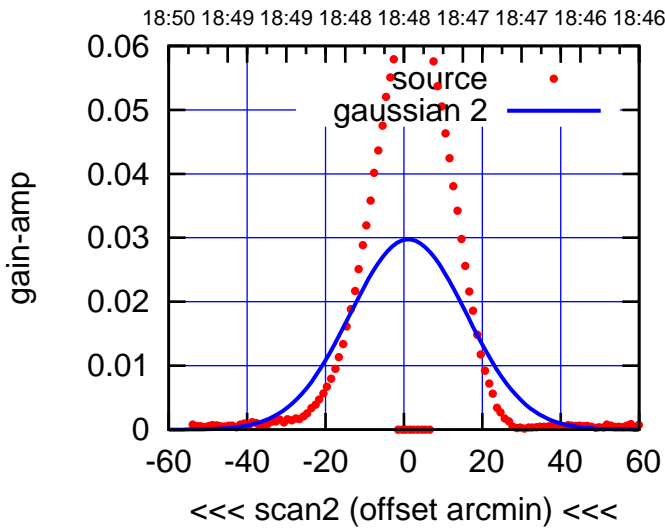


E03-175-EL OFF= 0.5' (32.7')

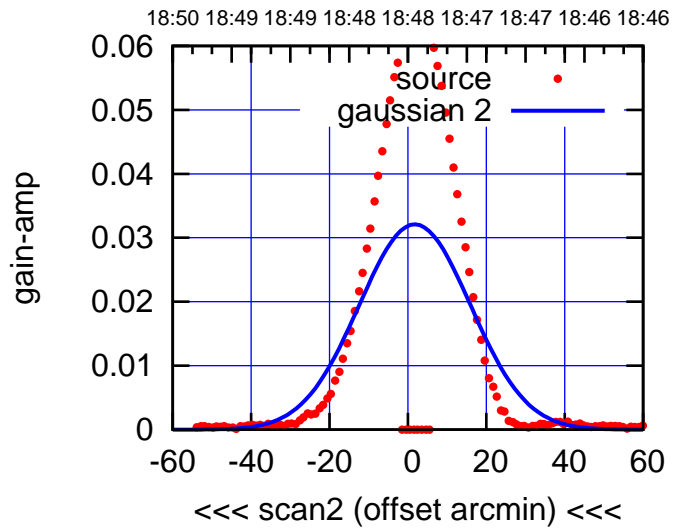


(+30'/m) 24Apr2023 18:43:00

E03-130-EL OFF= 1.1' (35.0')

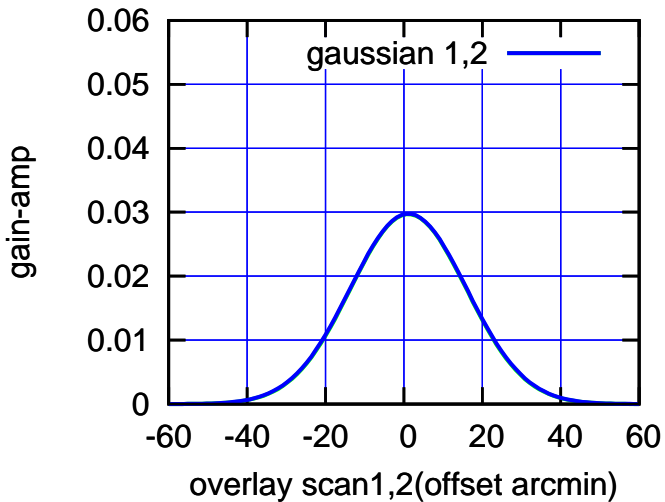


E03-175-EL OFF= 1.8' (33.4')

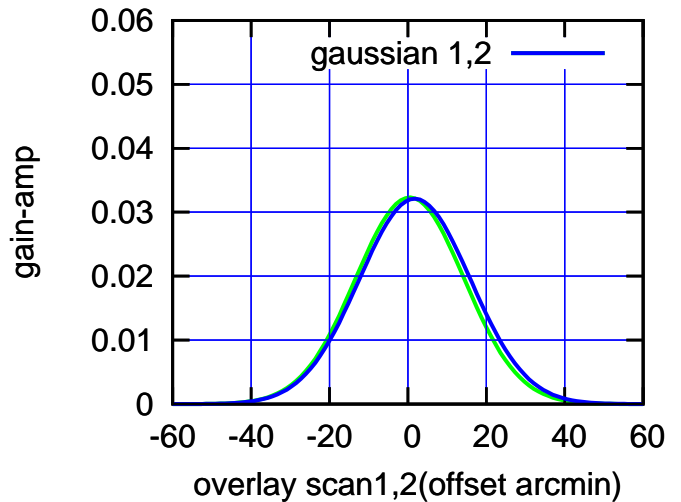


(-30'/m) 24Apr2023 18:48:00

BACKLASH ERROR= 0.0'



BACKLASH ERROR= -1.3'

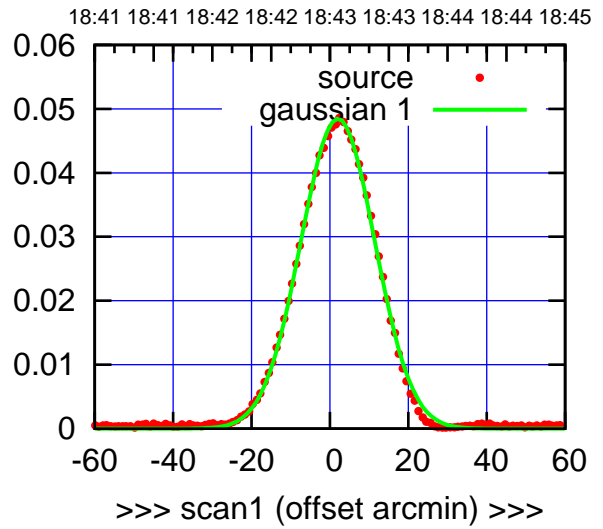
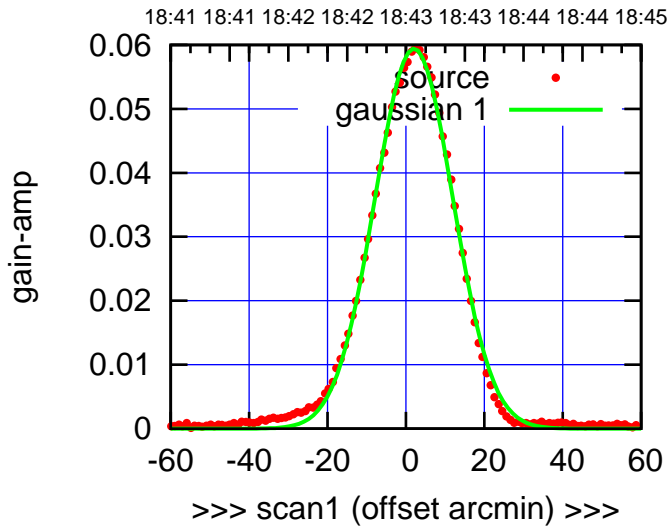


(1371 MHz.)



E04-130-EL OFF= 2.1' (23.4')

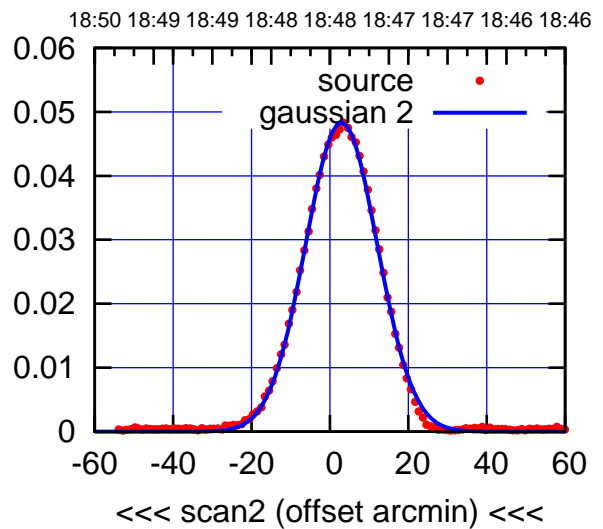
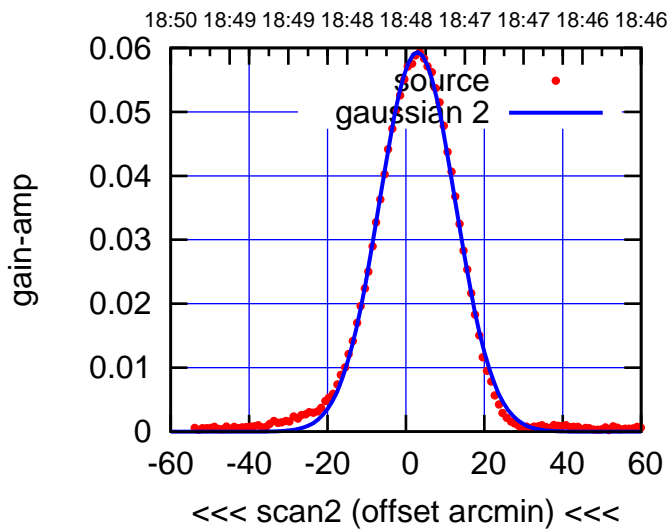
E04-175-EL OFF= 2.0' (22.2')



(+30'/m) 24Apr2023 18:43:00

E04-130-EL OFF= 2.9' (22.8')

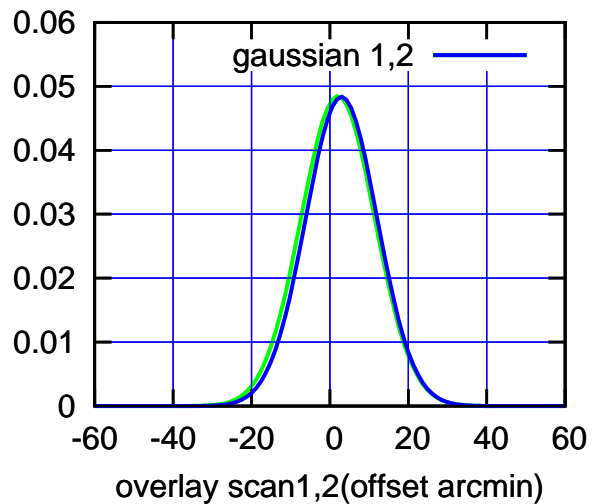
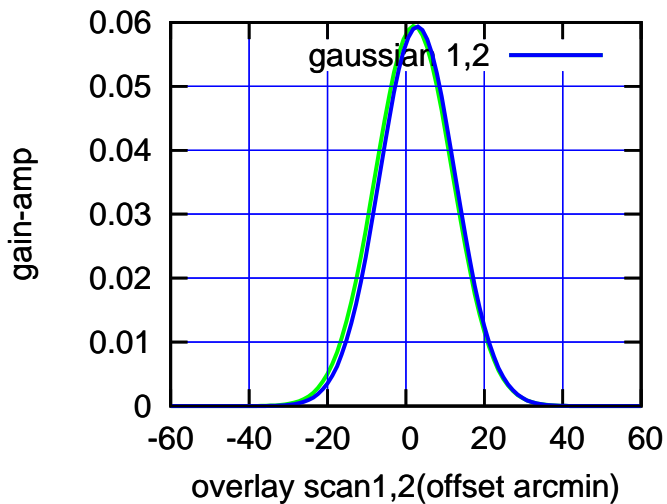
E04-175-EL OFF= 2.9' (21.5')



(-30'/m) 24Apr2023 18:48:00

BACKLASH ERROR= -0.8'

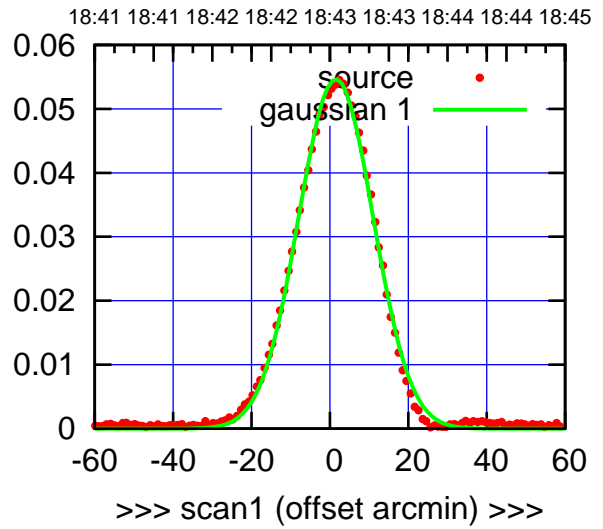
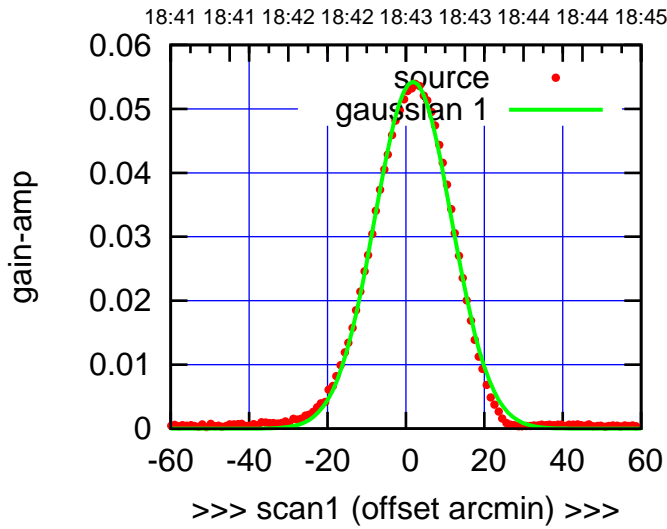
BACKLASH ERROR= -0.9'



(1371 MHz.)

E05-130-EL OFF= 1.8' ( 23.0')

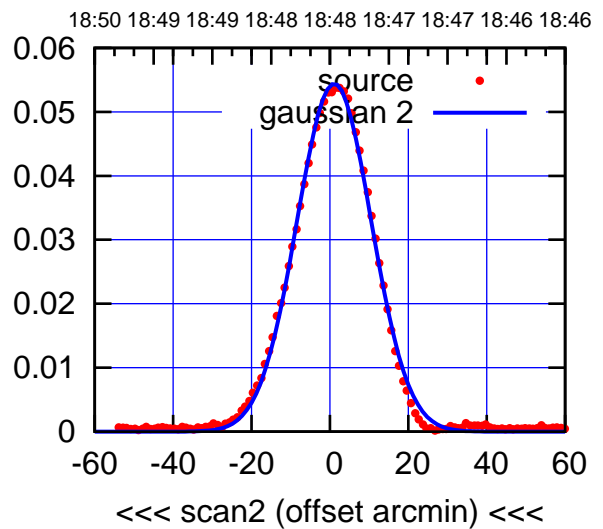
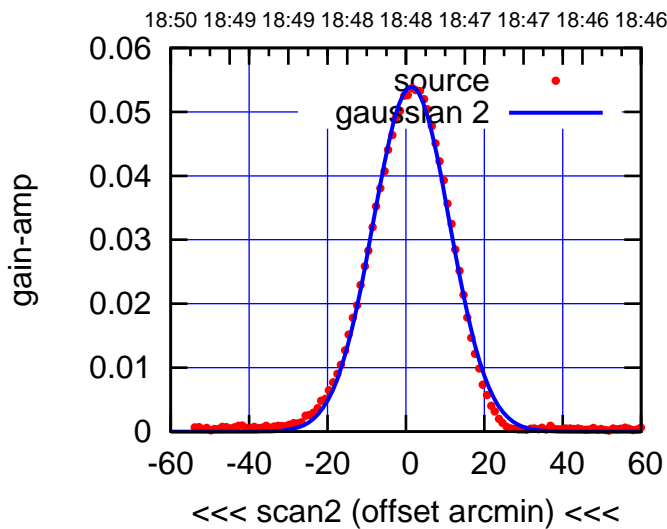
E05-175-EL OFF= 1.5' ( 22.3')



(+30'/m) 24Apr2023 18:43:00

E05-130-EL OFF= 1.4' ( 23.0')

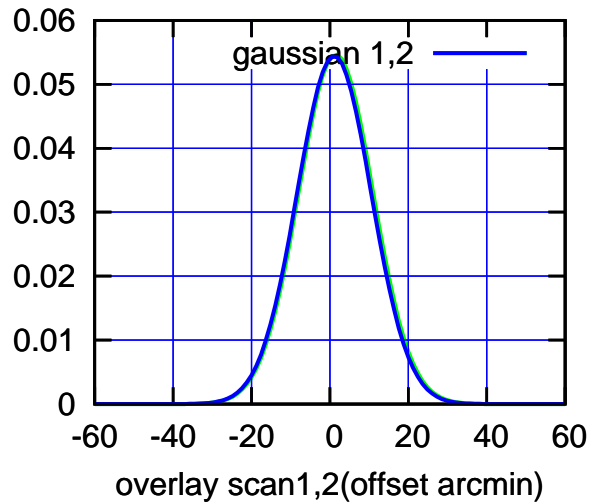
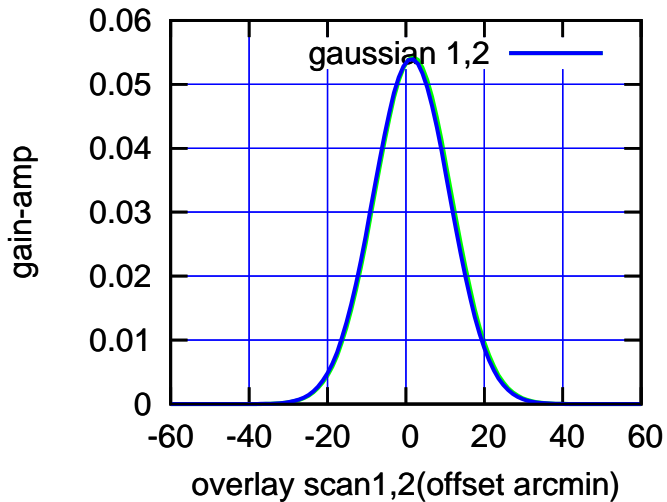
E05-175-EL OFF= 1.1' ( 22.3')



(-30'/m) 24Apr2023 18:48:00

BACKLASH ERROR= 0.4'

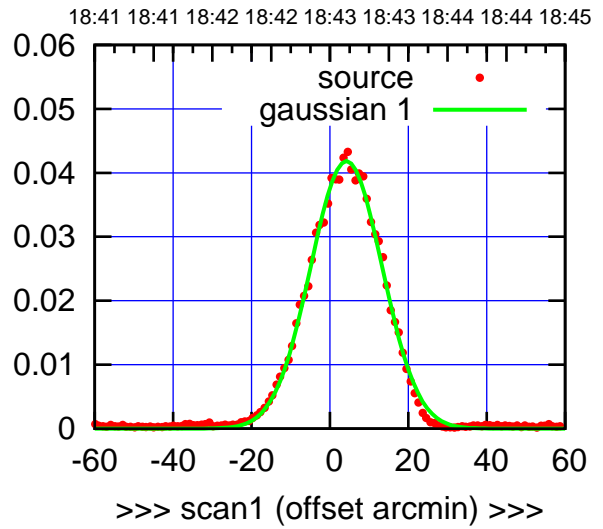
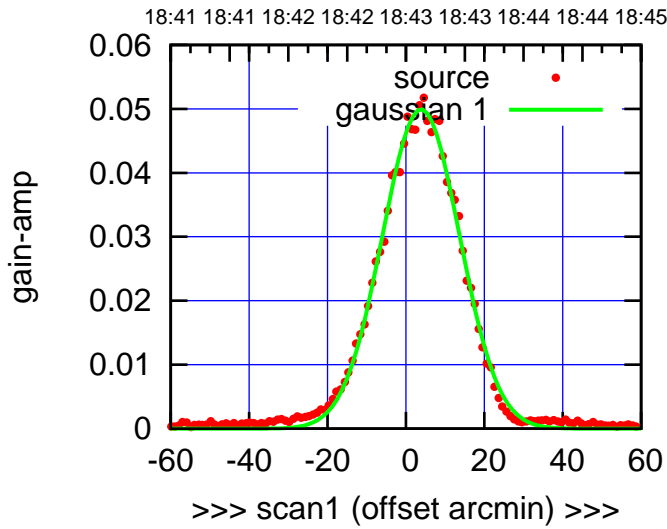
BACKLASH ERROR= 0.4'



(1371 MHz.)

E06-130-EL OFF= 3.9' ( 23.1')

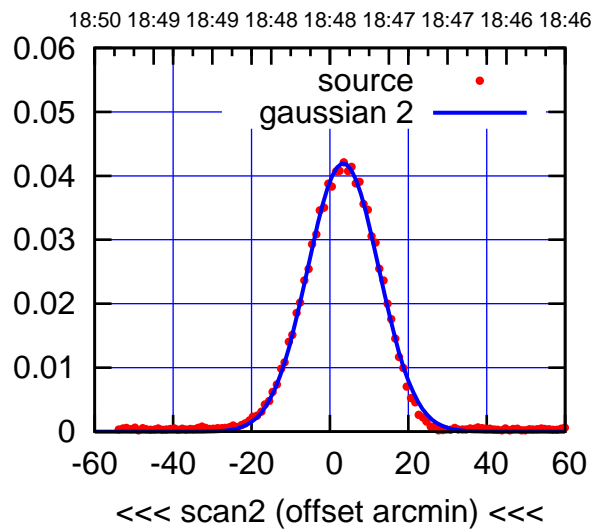
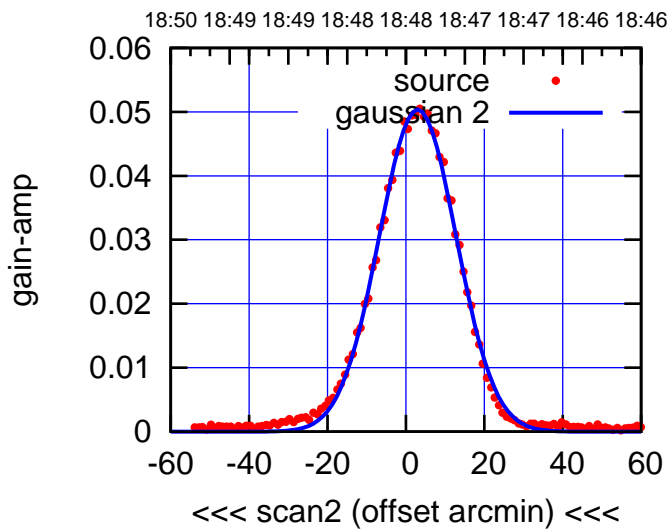
E06-175-EL OFF= 4.2' ( 21.4')



(+30'/m) 24Apr2023 18:43:00

E06-130-EL OFF= 3.0' ( 23.1')

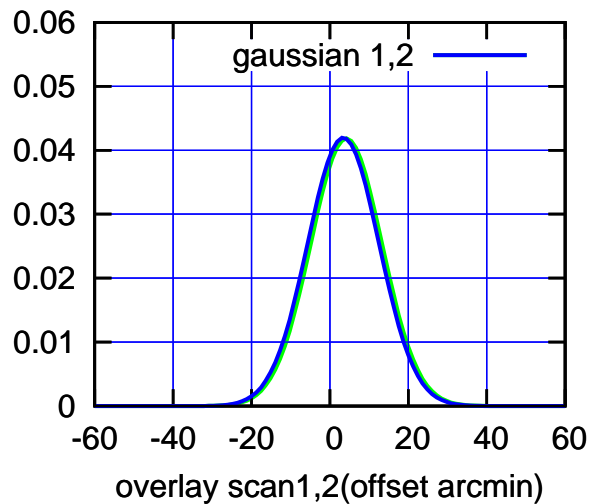
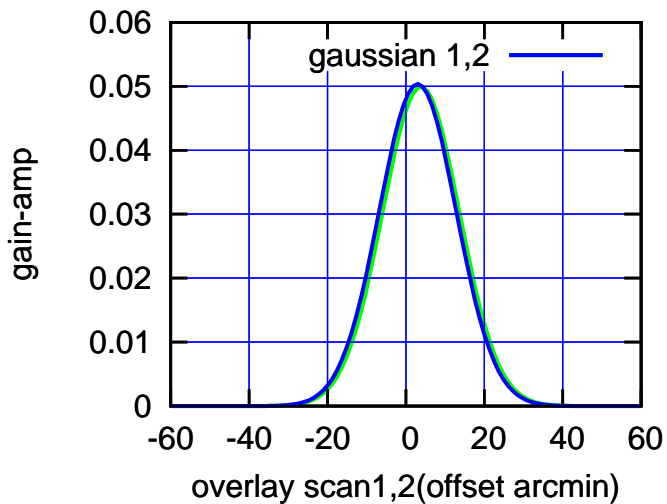
E06-175-EL OFF= 3.4' ( 21.4')



(-30'/m) 24Apr2023 18:48:00

BACKLASH ERROR= 0.9'

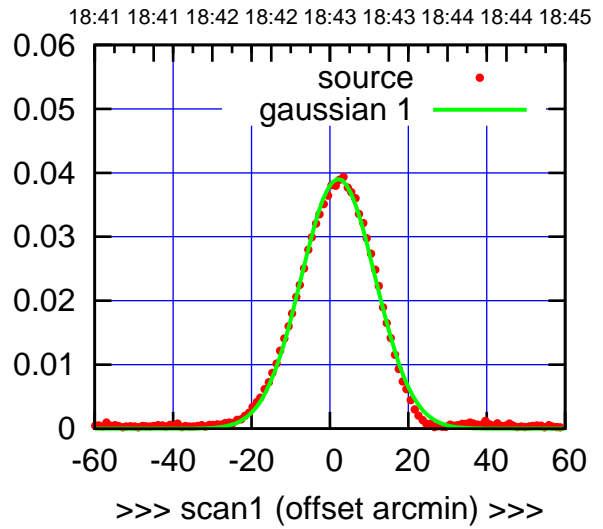
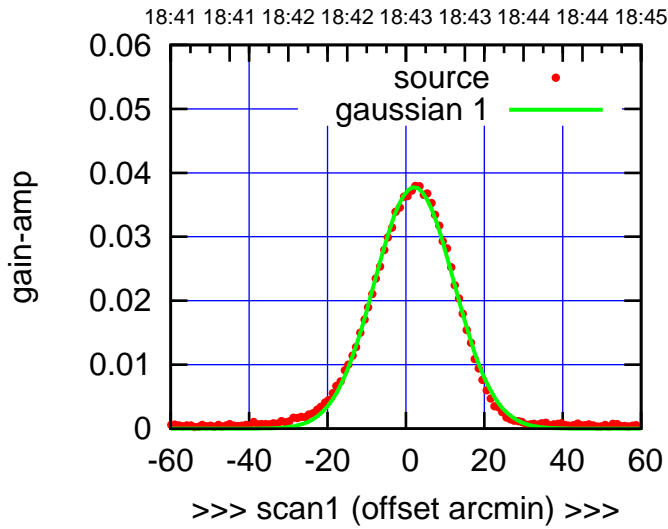
BACKLASH ERROR= 0.8'



(1371 MHz.)

S01-130-EL OFF= 2.1' (23.9')

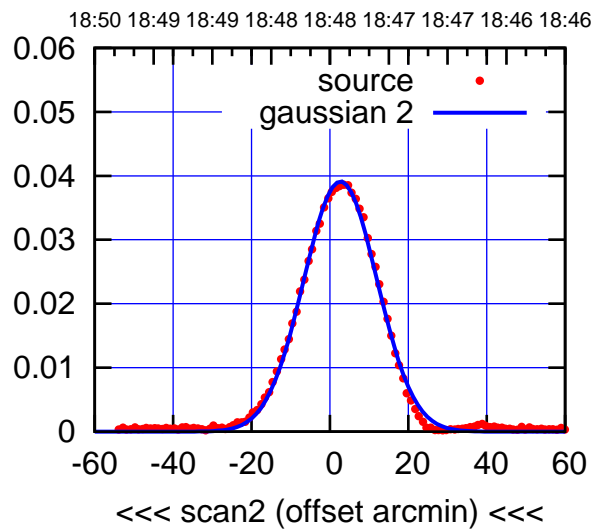
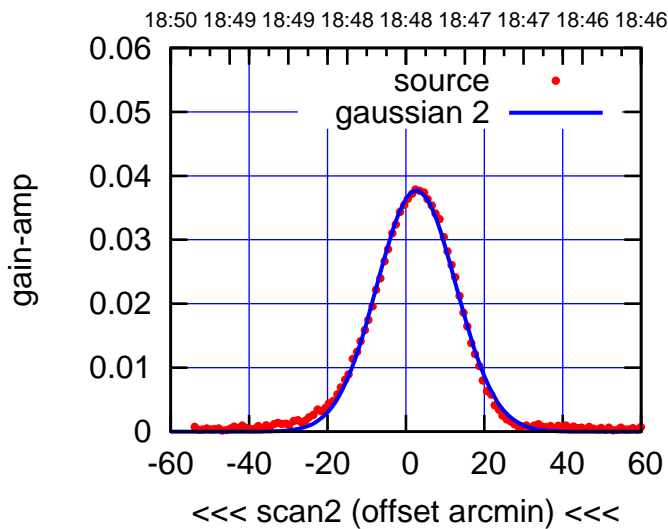
S01-175-EL OFF= 2.1' (22.2')



(+30'/m) 24Apr2023 18:43:00

S01-130-EL OFF= 2.7' (23.8')

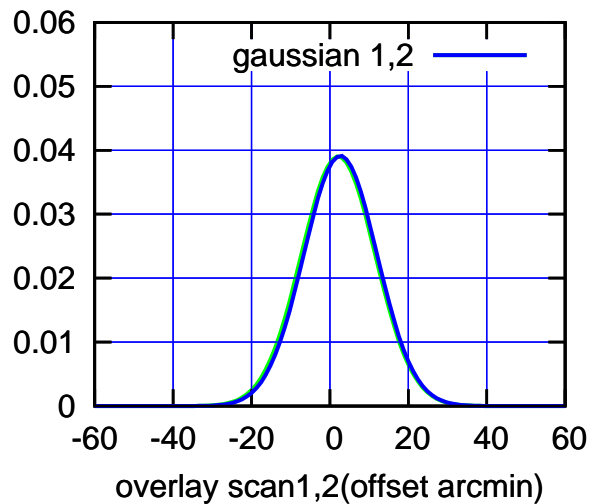
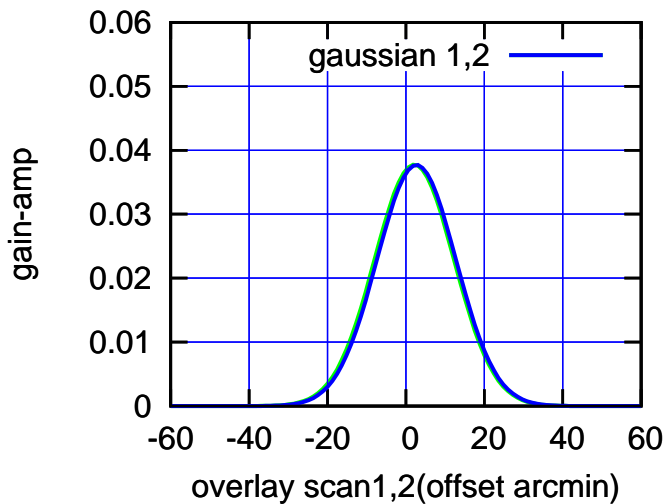
S01-175-EL OFF= 2.7' (22.0')



(-30'/m) 24Apr2023 18:48:00

BACKLASH ERROR= -0.6'

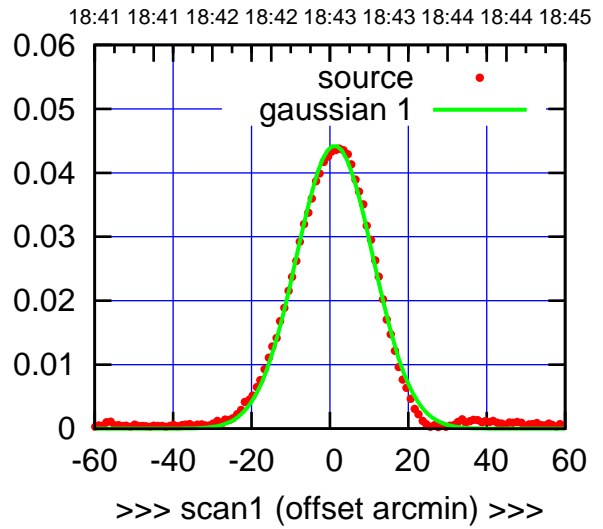
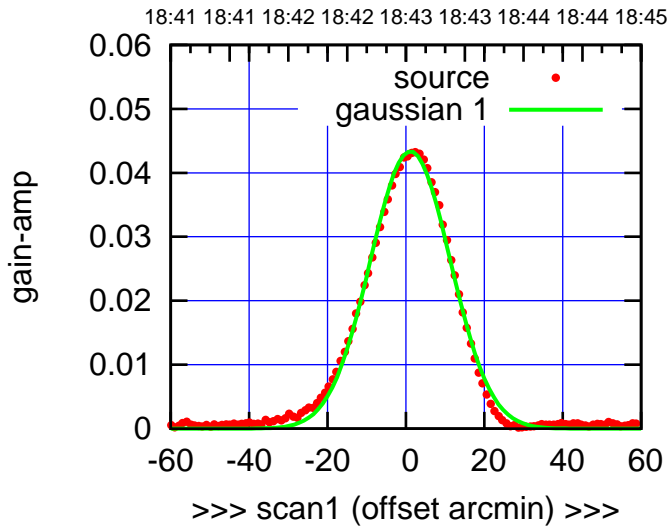
BACKLASH ERROR= -0.6'



(1371 MHz.)

S02-130-EL OFF= 1.1' ( 24.0')

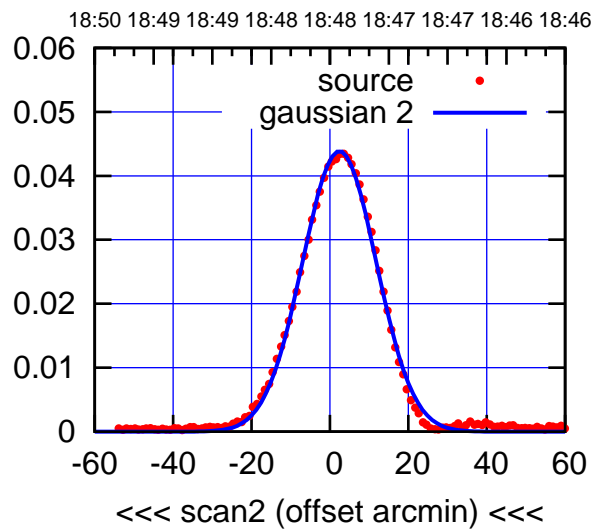
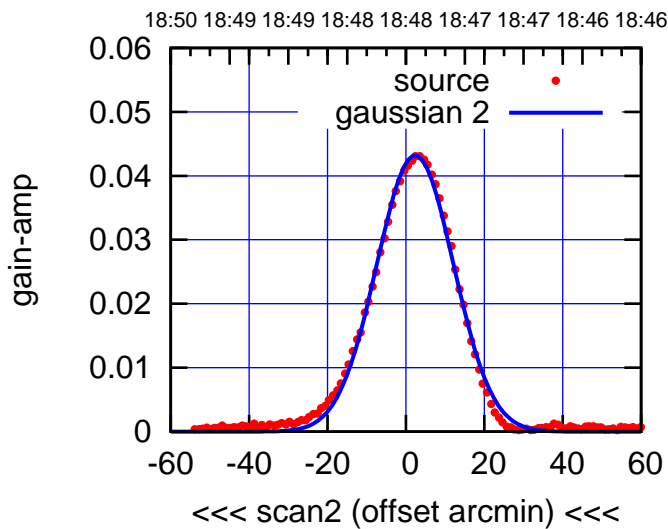
S02-175-EL OFF= 1.2' ( 23.0')



(+30'/m) 24Apr2023 18:43:00

S02-130-EL OFF= 2.4' ( 23.0')

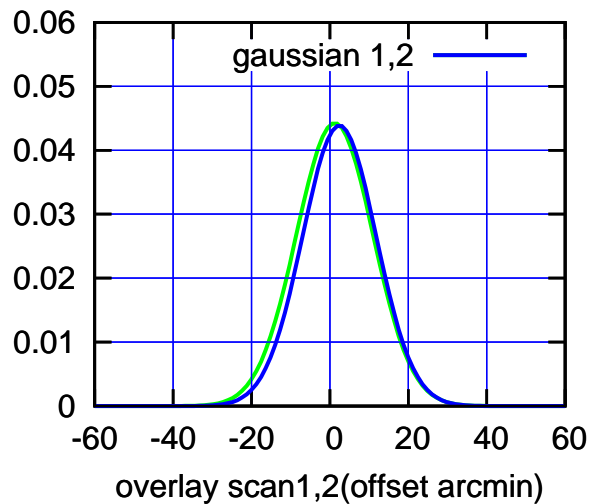
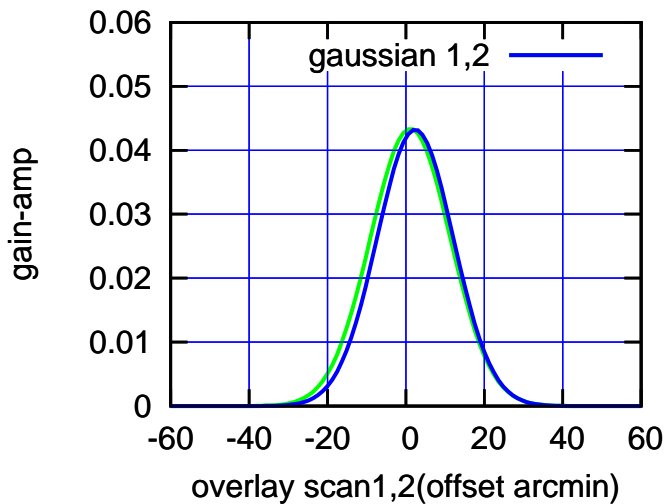
S02-175-EL OFF= 2.4' ( 22.1')



(-30'/m) 24Apr2023 18:48:00

BACKLASH ERROR= -1.3'

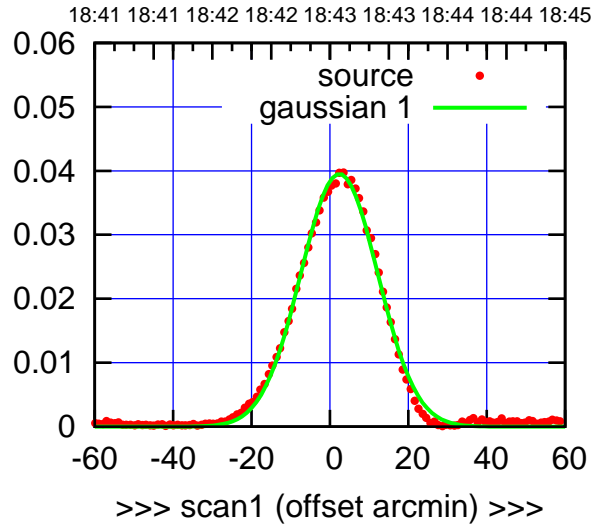
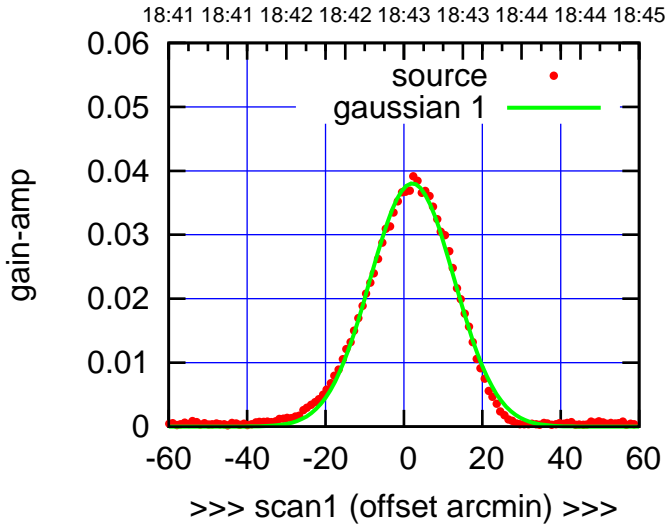
BACKLASH ERROR= -1.2'



(1371 MHz.)

S03-130-EL OFF= 2.1' (25.2')

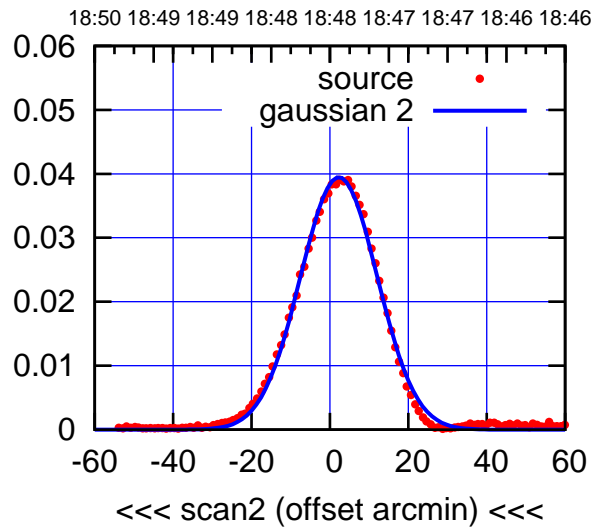
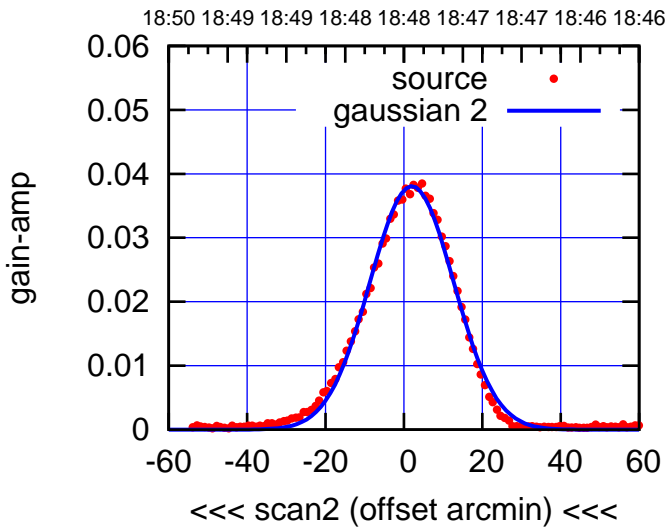
S03-175-EL OFF= 2.4' (23.1')



(+30'/m) 24Apr2023 18:43:00

S03-130-EL OFF= 2.0' (25.1')

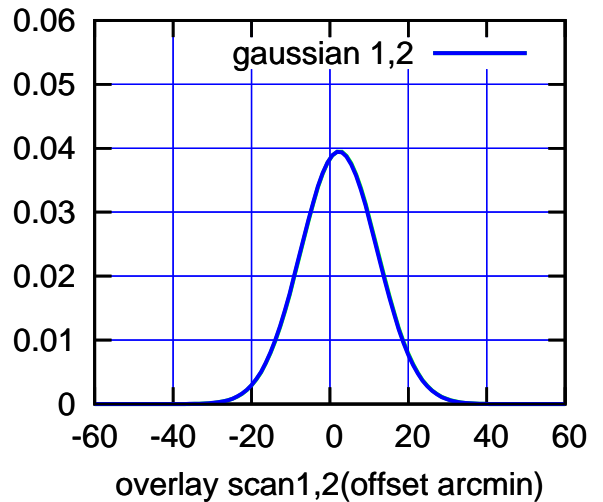
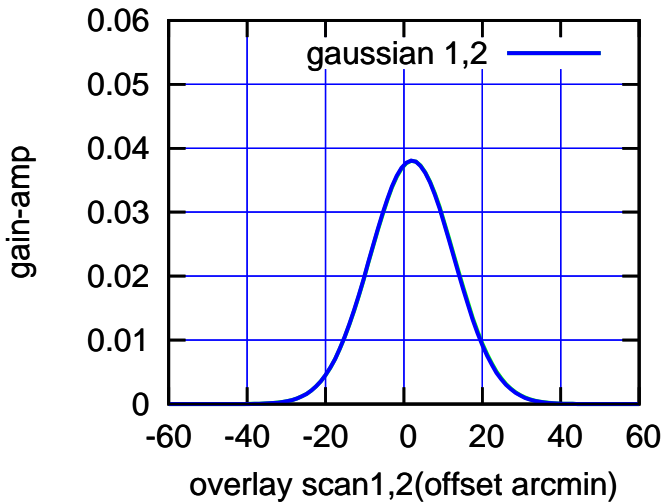
S03-175-EL OFF= 2.3' (23.1')



(-30'/m) 24Apr2023 18:48:00

BACKLASH ERROR= 0.1'

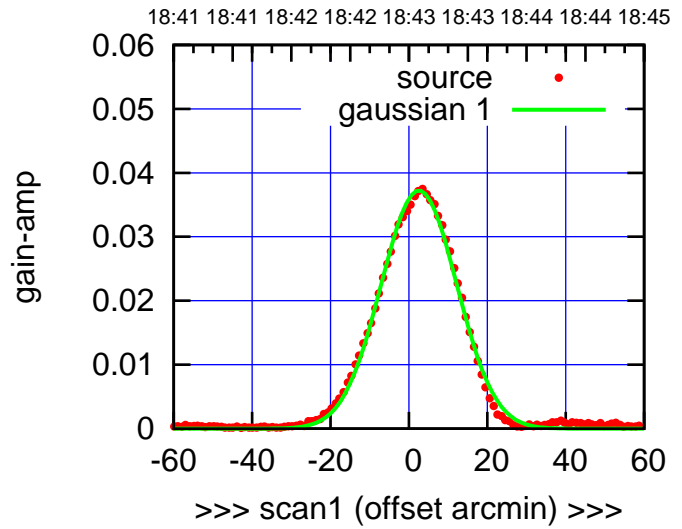
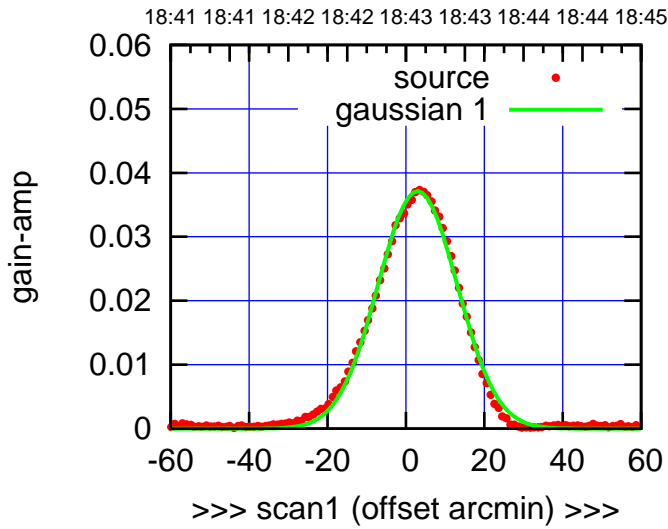
BACKLASH ERROR= 0.1'



(1371 MHz.)

S04-130-EL OFF= 3.0' ( 23.8')

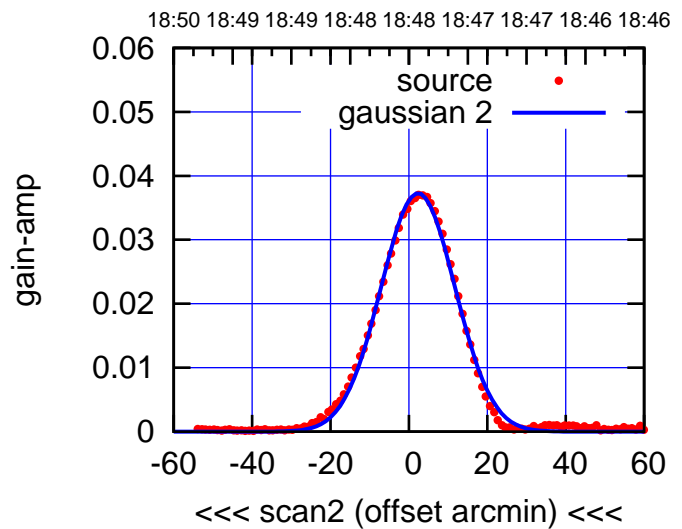
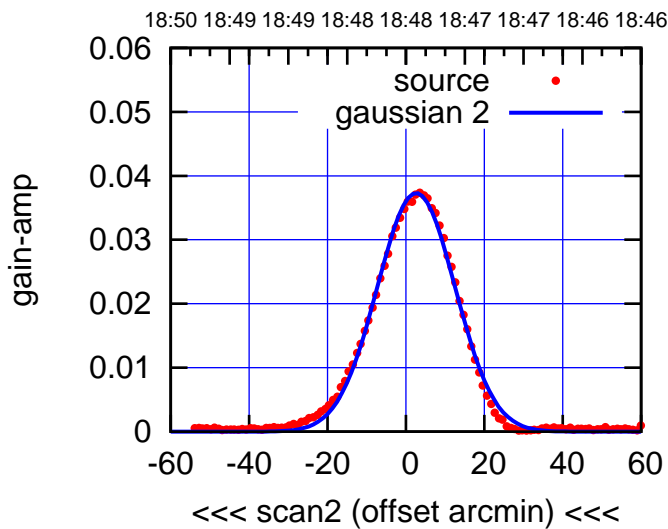
S04-175-EL OFF= 2.6' ( 22.7')



(+30'/m) 24Apr2023 18:43:00

S04-130-EL OFF= 2.6' ( 23.3')

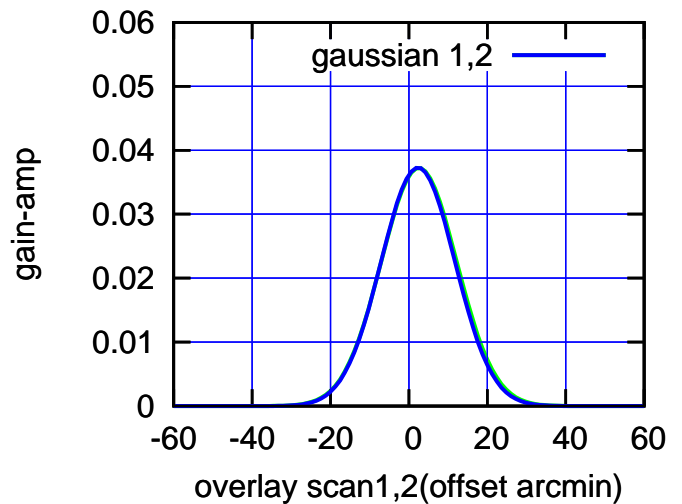
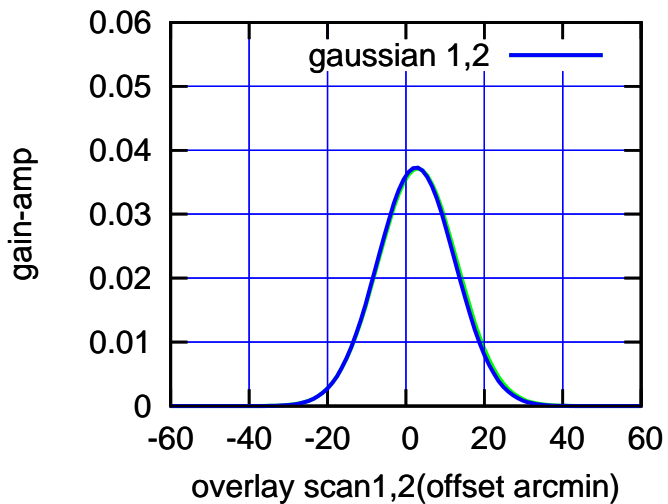
S04-175-EL OFF= 2.3' ( 22.2')



(-30'/m) 24Apr2023 18:48:00

BACKLASH ERROR= 0.4'

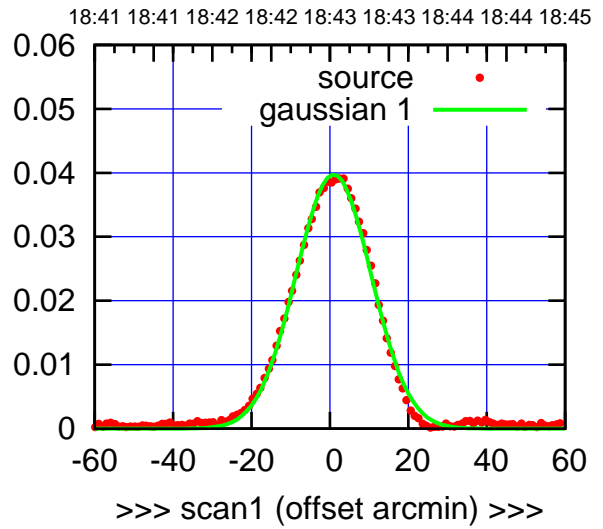
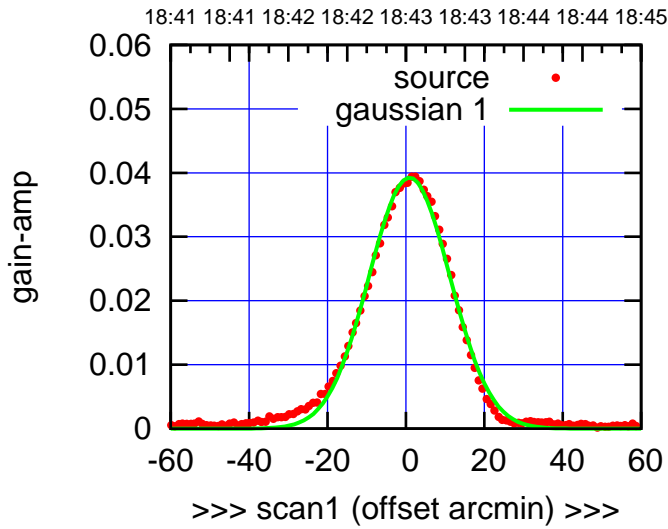
BACKLASH ERROR= 0.3'



(1371 MHz.)

S06-130-EL OFF= 0.9' ( 24.3')

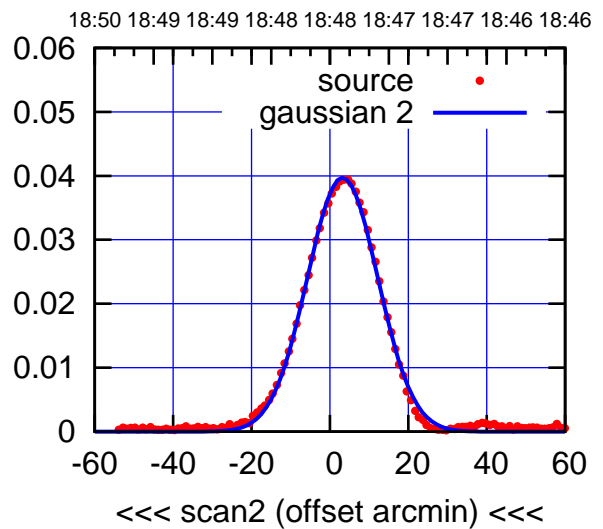
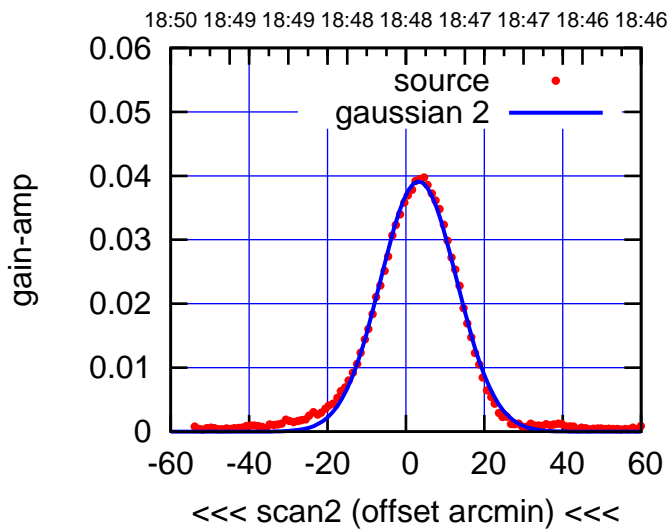
S06-175-EL OFF= 0.9' ( 22.6')



(+30'/m) 24Apr2023 18:43:00

S06-130-EL OFF= 3.3' ( 22.9')

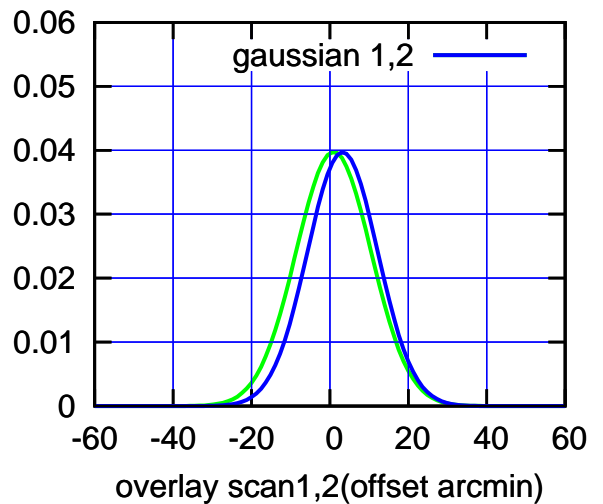
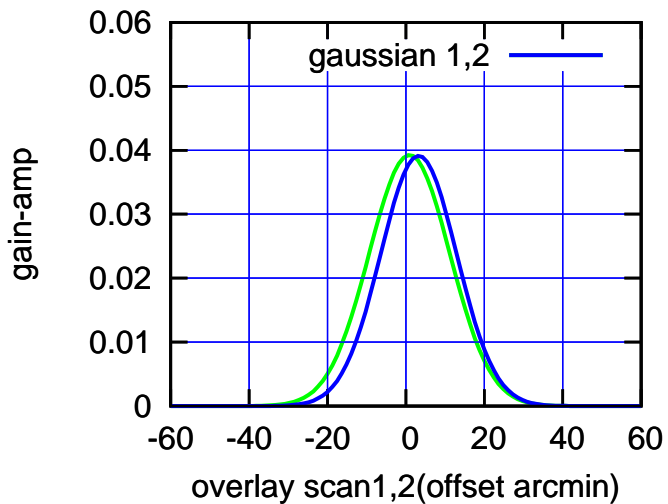
S06-175-EL OFF= 3.2' ( 21.2')



(-30'/m) 24Apr2023 18:48:00

BACKLASH ERROR= -2.4'

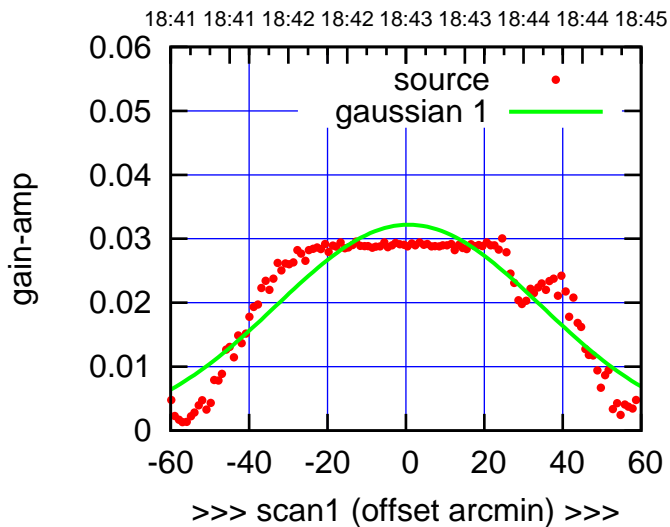
BACKLASH ERROR= -2.3'



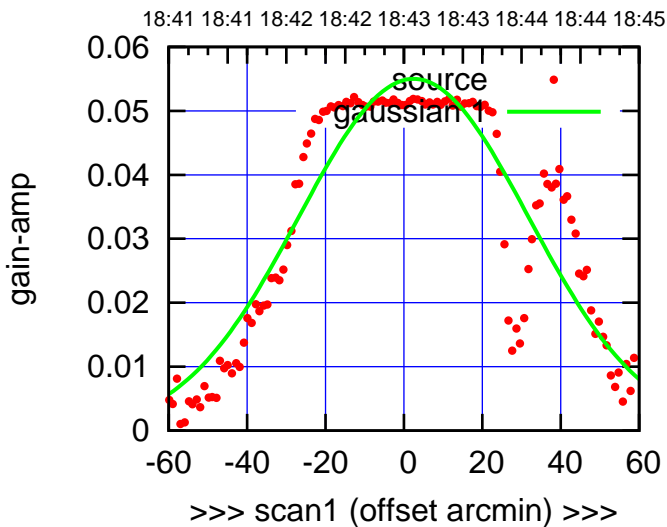
(1371 MHz.)



W01-130-EL OFF= 0.7' ( 79.6')

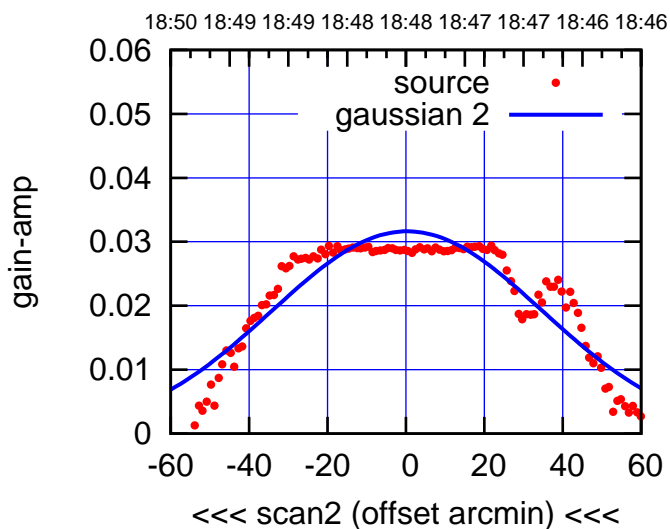


W01-175-EL OFF= 2.5' ( 69.1')

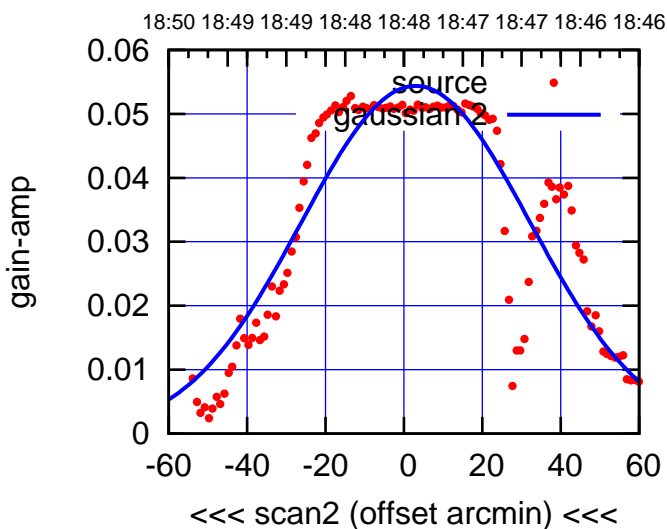


(+30'/m) 24Apr2023 18:43:00

W01-130-EL OFF= 0.3' ( 81.3')

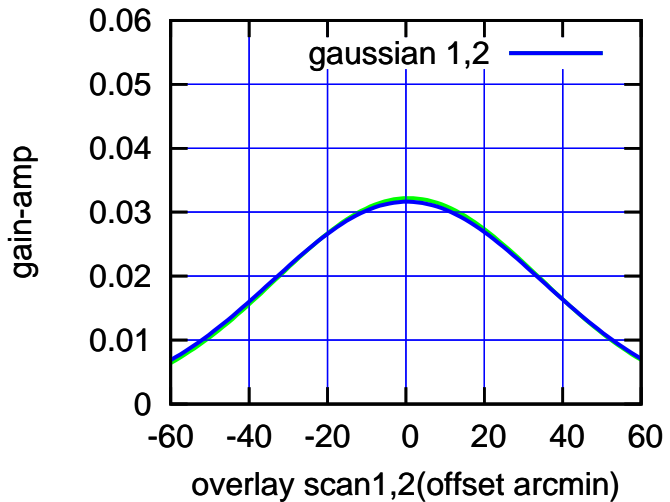


W01-175-EL OFF= 3.0' ( 68.8')

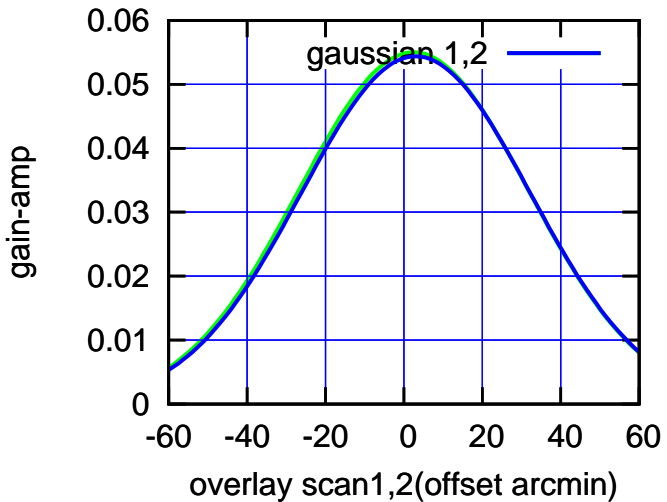


(-30'/m) 24Apr2023 18:48:00

BACKLASH ERROR= 0.4'



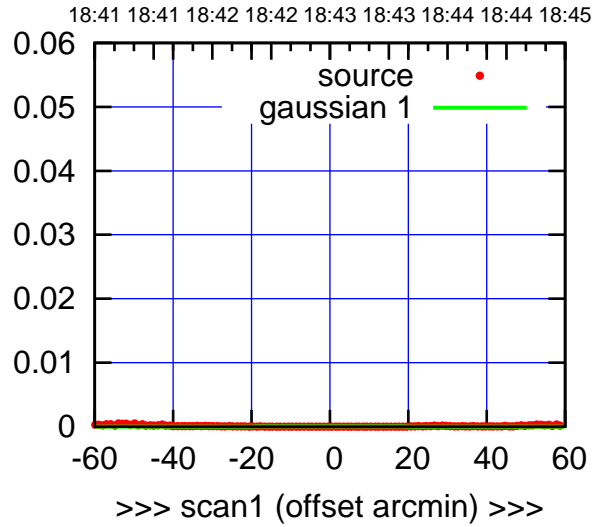
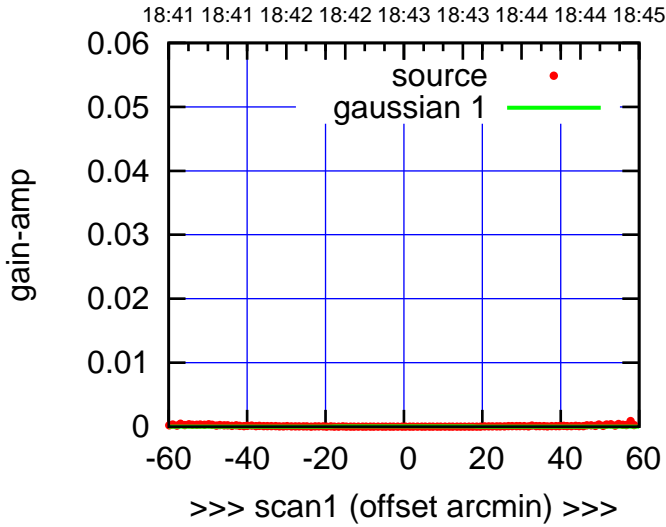
BACKLASH ERROR= -0.5'



(1371 MHz.)

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

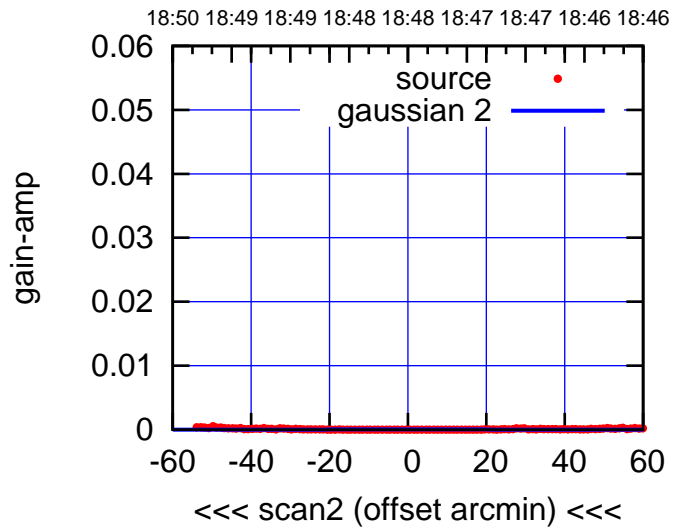
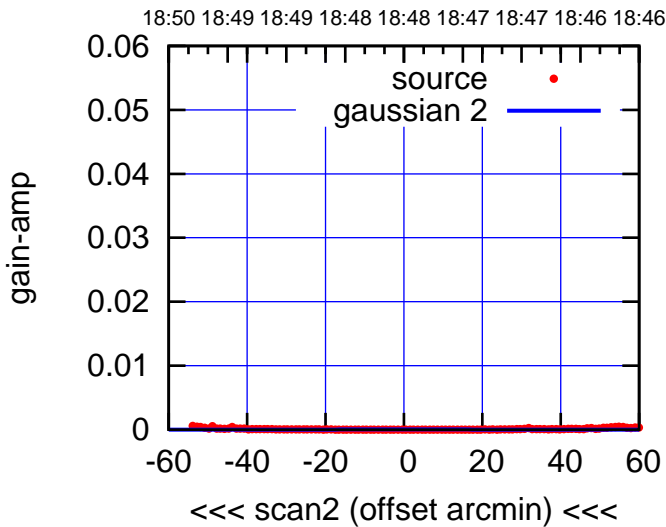
W02-175-EL OFF= 0.0' ( 42.4')



(+30'/m) 24Apr2023 18:43:00

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

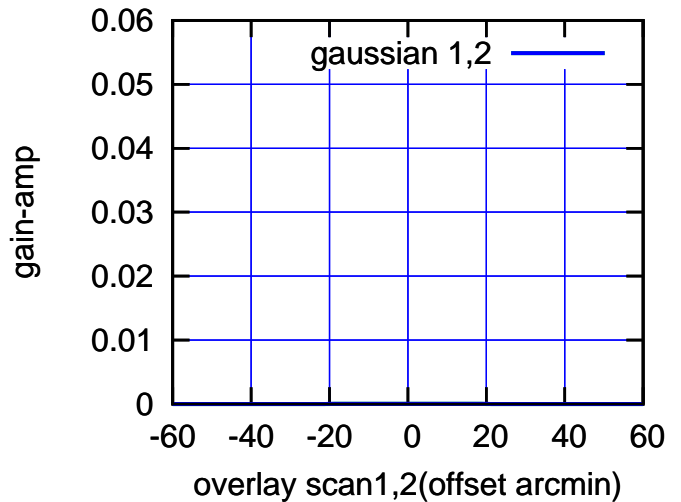
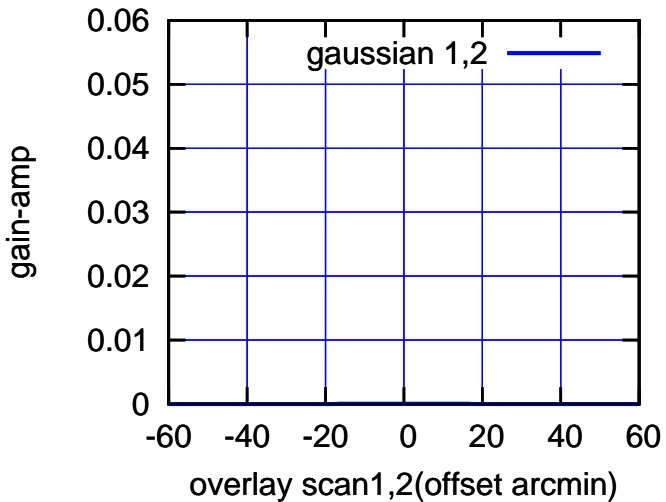
W02-175-EL OFF= 0.0' ( 42.4')



(-30'/m) 24Apr2023 18:48:00

BACKLASH ERROR= 0.0'

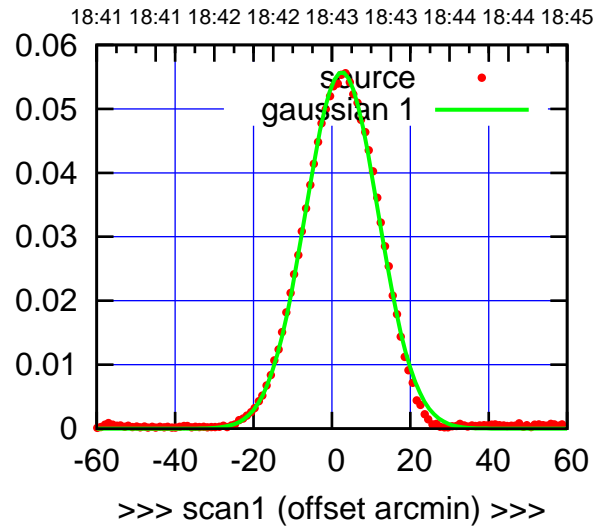
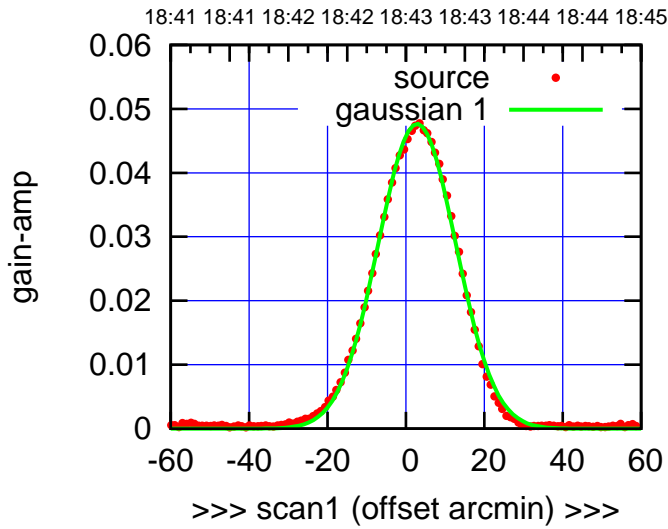
BACKLASH ERROR= 0.0'



(1371 MHz.)

W03-130-EL OFF= 2.8' ( 23.3')

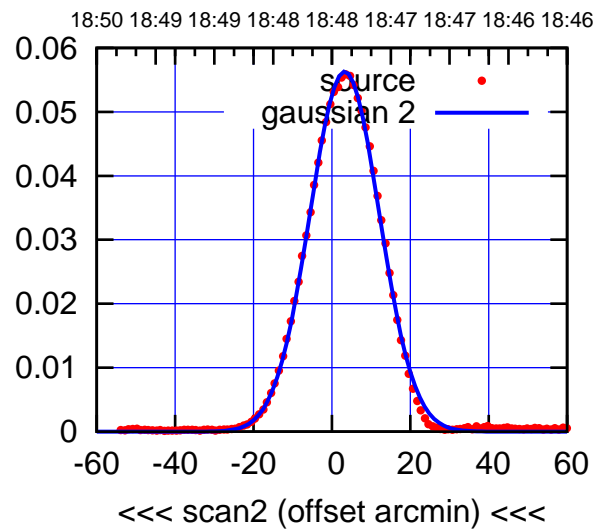
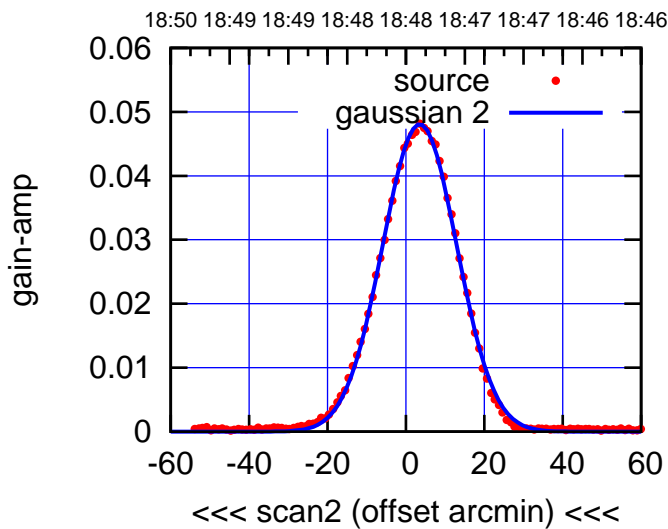
W03-175-EL OFF= 2.5' ( 21.9')



(+30'/m) 24Apr2023 18:43:00

W03-130-EL OFF= 3.5' ( 22.2')

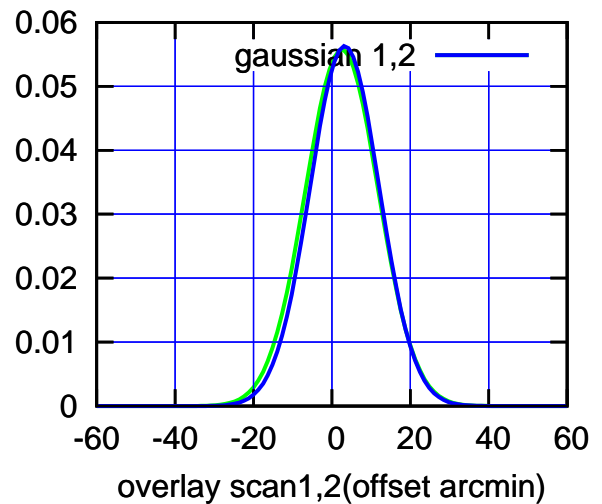
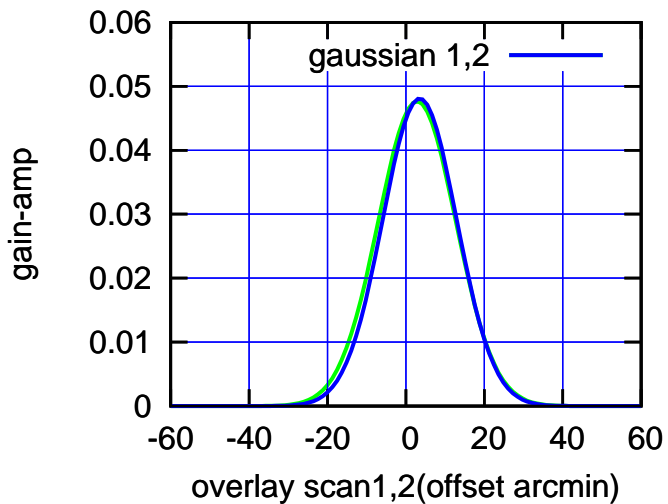
W03-175-EL OFF= 3.2' ( 20.8')



(-30'/m) 24Apr2023 18:48:00

BACKLASH ERROR= -0.7'

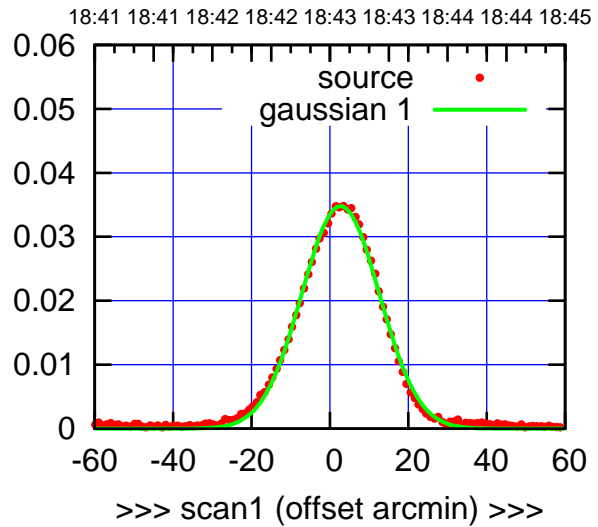
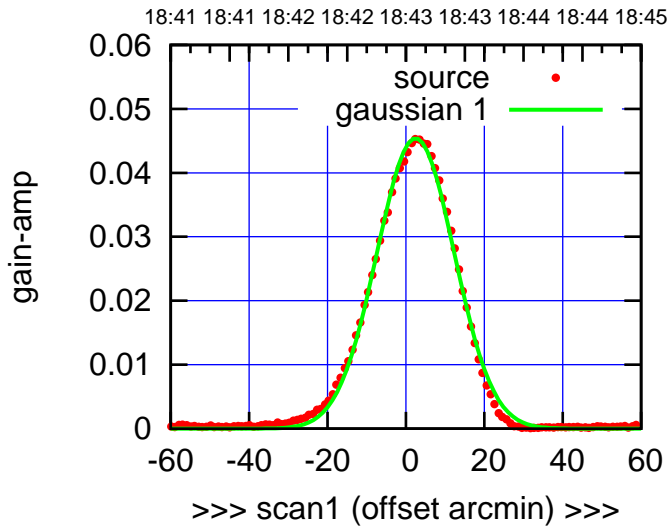
BACKLASH ERROR= -0.7'



(1371 MHz.)

W04-130-EL OFF= 2.5' ( 23.2')

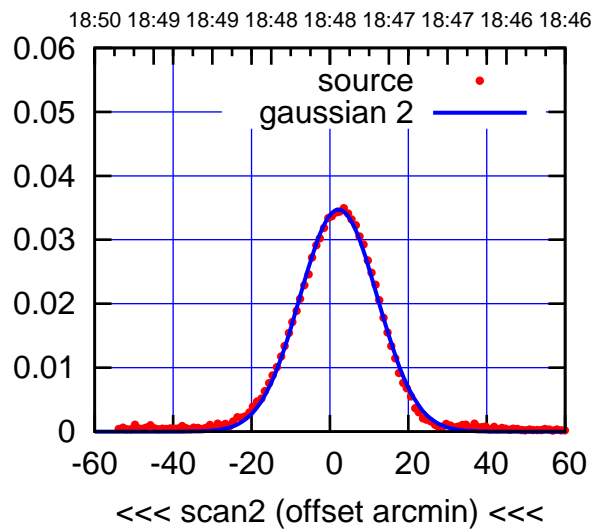
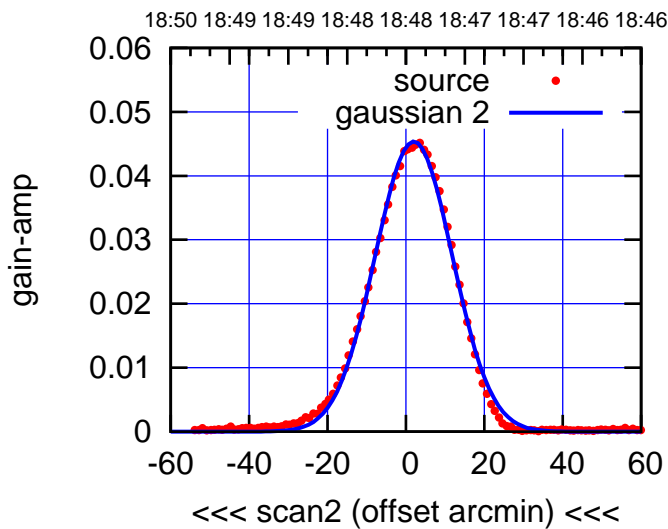
W04-175-EL OFF= 2.7' ( 23.3')



(+30'/m) 24Apr2023 18:43:00

W04-130-EL OFF= 2.0' ( 23.2')

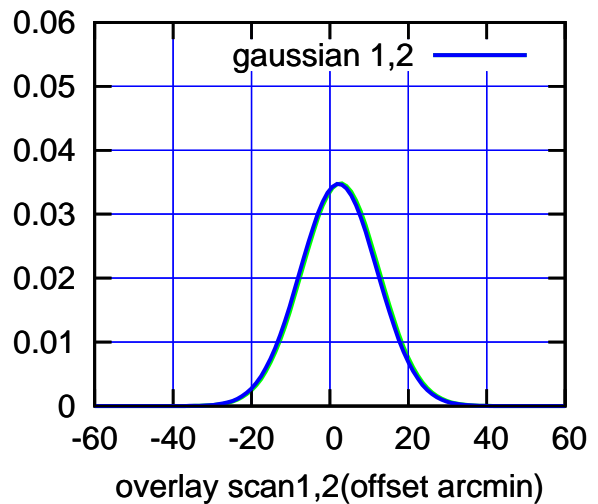
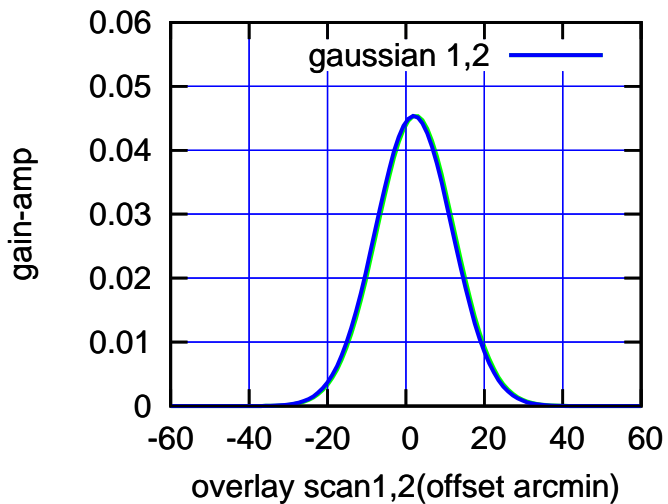
W04-175-EL OFF= 2.2' ( 23.3')



(-30'/m) 24Apr2023 18:48:00

BACKLASH ERROR= 0.5'

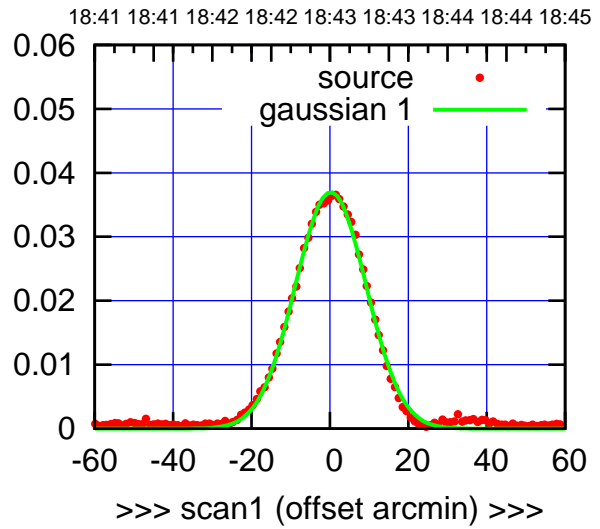
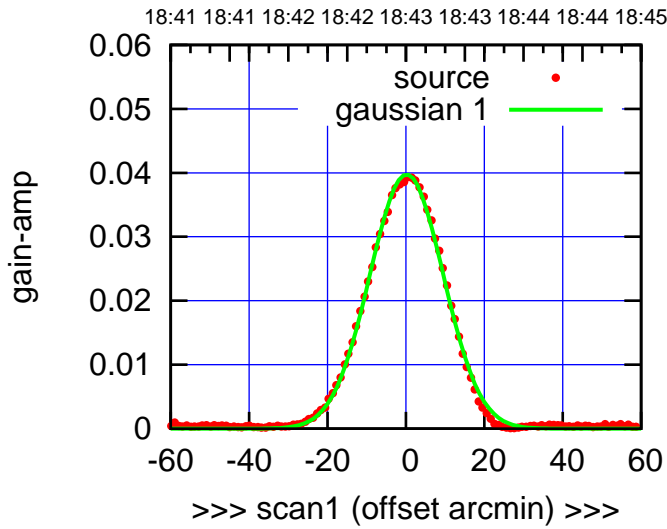
BACKLASH ERROR= 0.5'



(1371 MHz.)

W05-130-EL OFF= 0.2' ( 22.0')

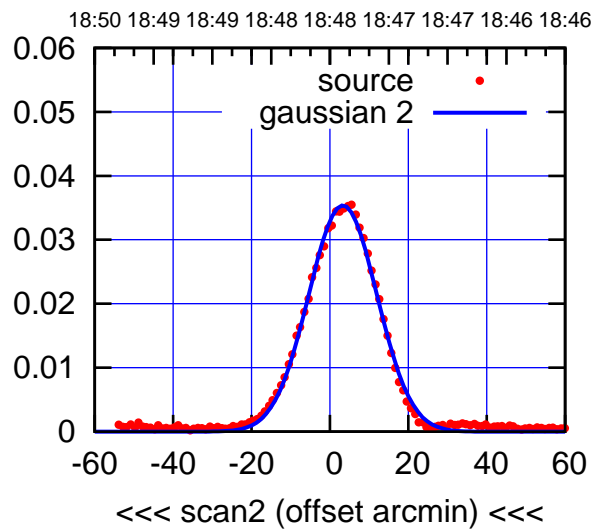
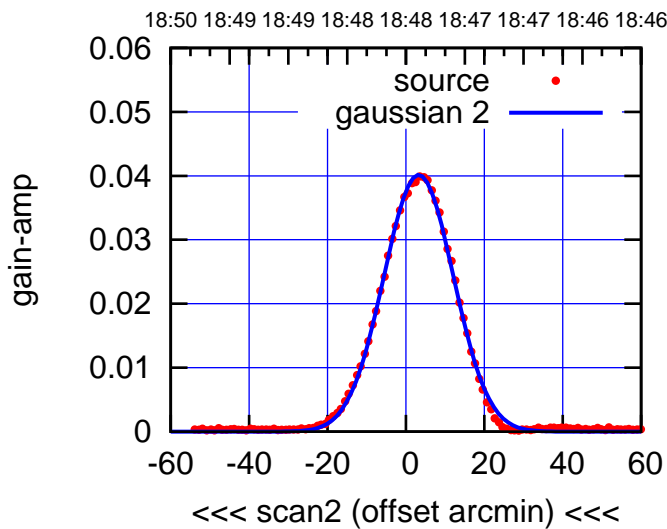
W05-175-EL OFF= 0.2' ( 21.2')



(+30'/m) 24Apr2023 18:43:00

W05-130-EL OFF= 3.3' ( 20.8')

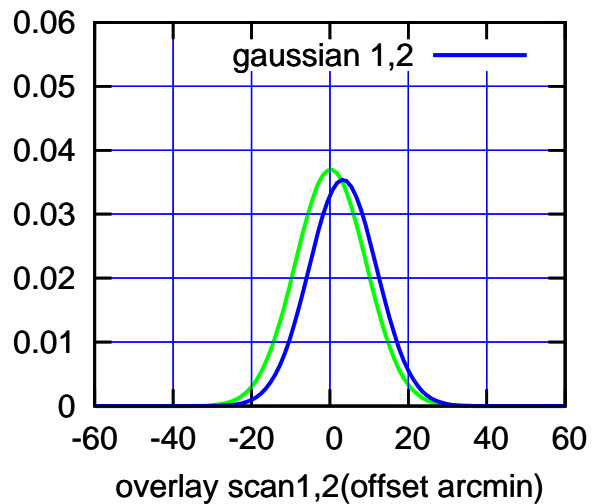
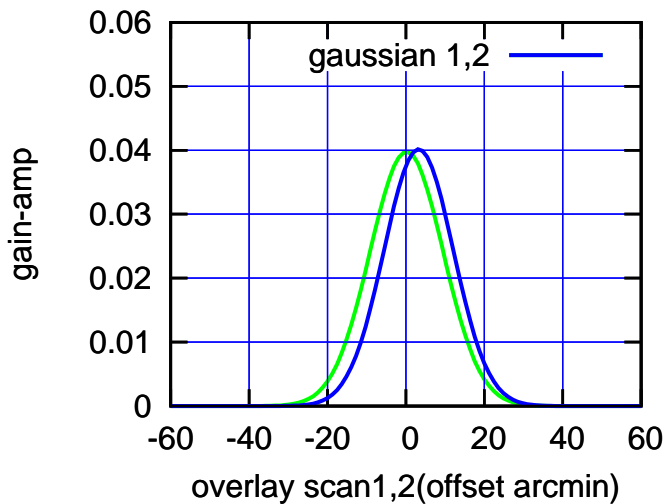
W05-175-EL OFF= 3.3' ( 20.4')



(-30'/m) 24Apr2023 18:48:00

BACKLASH ERROR= -3.1'

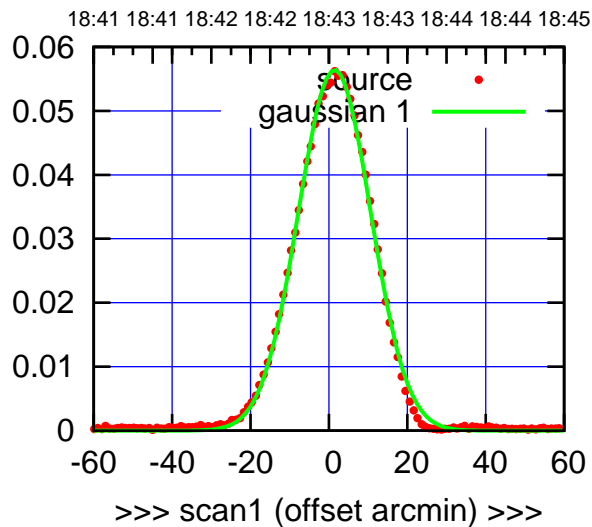
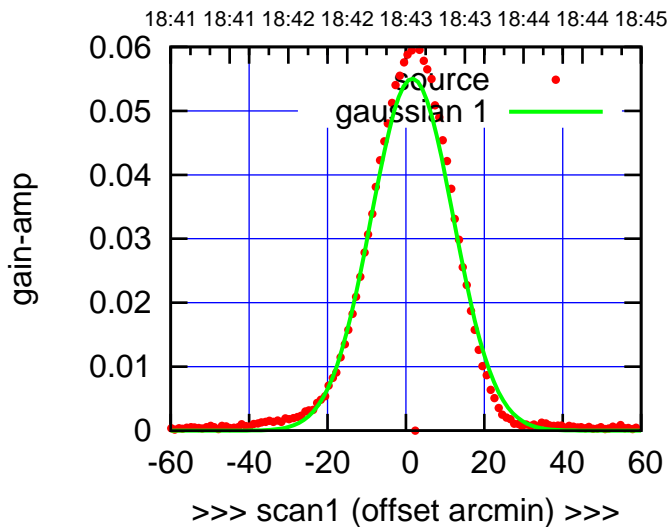
BACKLASH ERROR= -3.1'



(1371 MHz.)

W06-130-EL OFF= 1.6' ( 24.6')

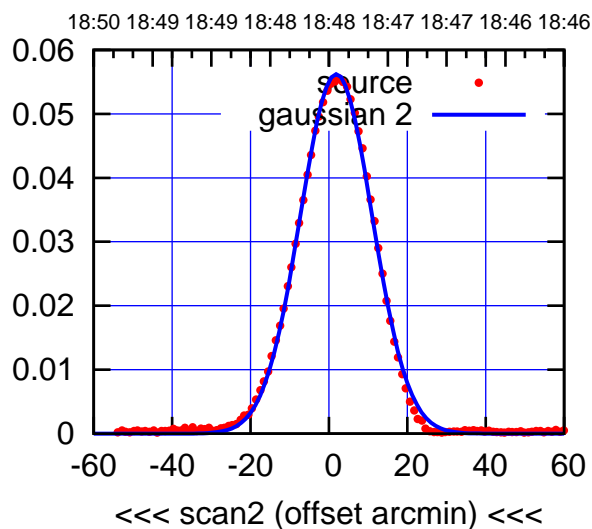
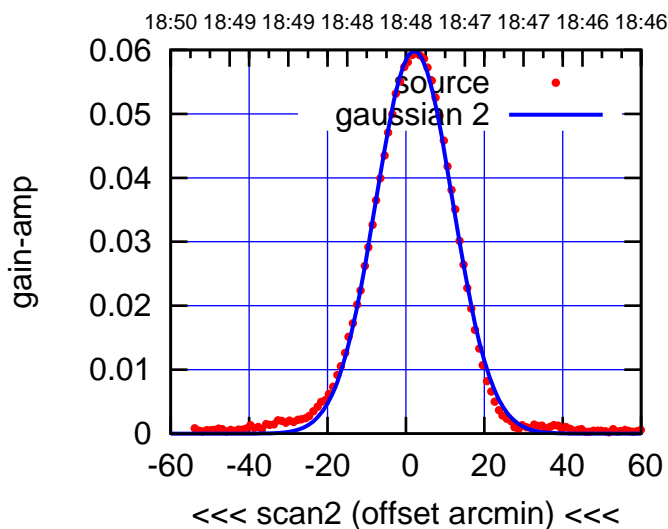
W06-175-EL OFF= 1.4' ( 21.7')



(+30'/m) 24Apr2023 18:43:00

W06-130-EL OFF= 2.1' ( 23.1')

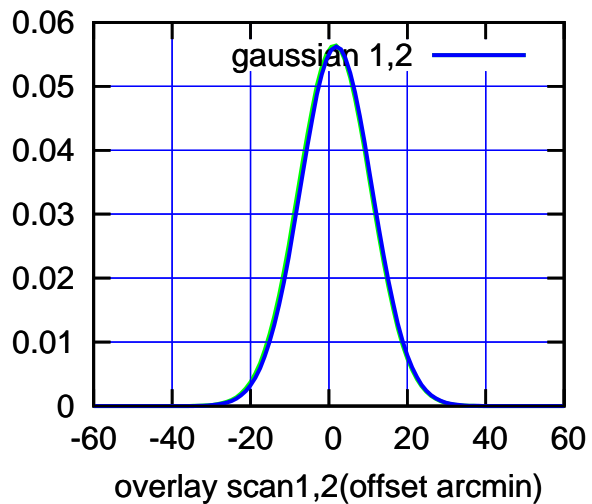
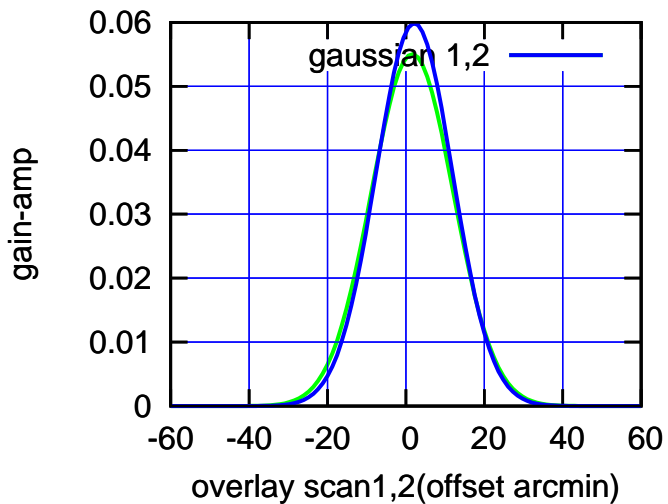
W06-175-EL OFF= 1.9' ( 21.6')



(-30'/m) 24Apr2023 18:48:00

BACKLASH ERROR= -0.5'

BACKLASH ERROR= -0.5'



(1371 MHz.)

```

# backlash test : 24Apr2023 18:43:00, 24Apr2023 18:48:00
# lta file      : /temp30/24apr2023_el_ltacomb_out.lta_gsb
# lta scan no(s) : 0,1
# lta chan range : [100,110]
# scan1 start time: 24Apr2023 18:41:00
# scan1 peak time: 24Apr2023 18:43:00
# scan1 end time: 24Apr2023 18:45:00
# scan2 start time: 24Apr2023 18:46:00
# scan2 peak time: 24Apr2023 18:48:00
# scan2 end time: 24Apr2023 18:50:00
# scan1 rate/speed: 30'/m
# scan2 rate/speed: -30'/m
# xrange posn : [-60':60']
# yrange gain-amp : [0:0.06]
# frequency (MHz) : 1371
# axis : EL
# elevation(deg) : 59.1
# antenna flag : 1 - working, 0 - non working

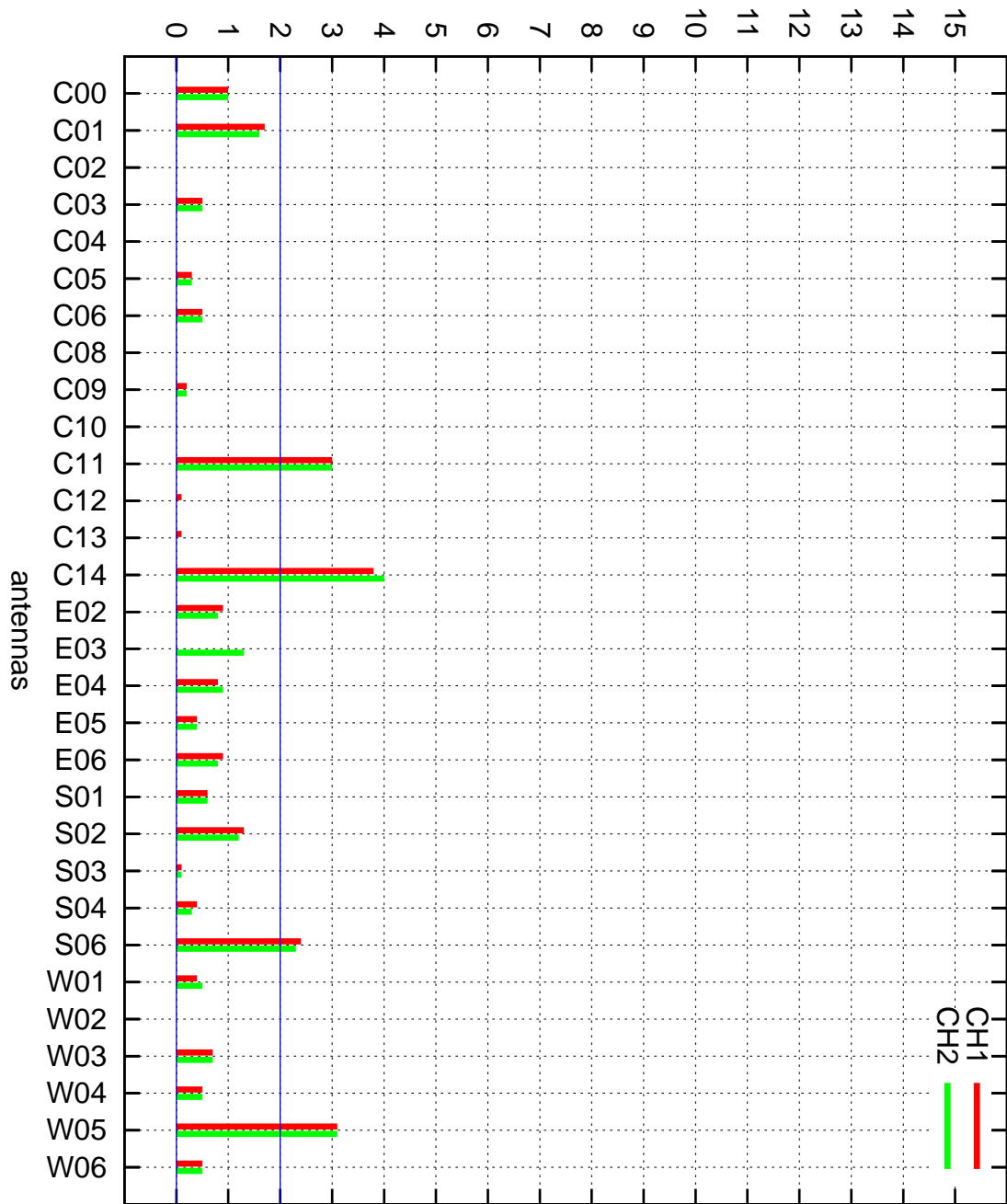
```

C00-130-EL	OFF(scan1)= 1.9	OFF(scan2)= 2.9	ERROR= -1.0	FLAG= 1
C00-175-EL	OFF(scan1)= 1.9	OFF(scan2)= 2.9	ERROR= -1.0	FLAG= 1
C01-130-EL	OFF(scan1)= 1.9	OFF(scan2)= 3.6	ERROR= -1.7	FLAG= 1
C01-175-EL	OFF(scan1)= 2.0	OFF(scan2)= 3.6	ERROR= -1.6	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)= 1.7	OFF(scan2)= 1.2	ERROR= 0.5	FLAG= 1
C03-175-EL	OFF(scan1)= 1.5	OFF(scan2)= 1.0	ERROR= 0.5	FLAG= 1
C04-130-EL	OFF(scan1)= 1.9	OFF(scan2)= 1.9	ERROR= 0.0	FLAG= 1
C04-175-EL	OFF(scan1)= 1.7	OFF(scan2)= 1.7	ERROR= 0.0	FLAG= 1
C05-130-EL	OFF(scan1)= 2.4	OFF(scan2)= 2.7	ERROR= -0.3	FLAG= 1
C05-175-EL	OFF(scan1)= 2.6	OFF(scan2)= 2.9	ERROR= -0.3	FLAG= 1
C06-130-EL	OFF(scan1)= 1.8	OFF(scan2)= 2.3	ERROR= -0.5	FLAG= 1
C06-175-EL	OFF(scan1)= 2.1	OFF(scan2)= 2.6	ERROR= -0.5	FLAG= 1
C08-130-EL	OFF(scan1)= 0.0	OFF(scan2)= 0.0	ERROR= 0.0	FLAG= 0
C08-175-EL	OFF(scan1)= 0.0	OFF(scan2)= 0.0	ERROR= 0.0	FLAG= 0
C09-130-EL	OFF(scan1)= 0.5	OFF(scan2)= 0.7	ERROR= -0.2	FLAG= 1
C09-175-EL	OFF(scan1)= 0.6	OFF(scan2)= 0.8	ERROR= -0.2	FLAG= 1
C10-130-EL	OFF(scan1)= 0.0	OFF(scan2)= 0.0	ERROR= 0.0	FLAG= 0
C10-175-EL	OFF(scan1)= 0.0	OFF(scan2)= 0.0	ERROR= 0.0	FLAG= 0
C11-130-EL	OFF(scan1)= 0.7	OFF(scan2)= 3.7	ERROR= -3.0	FLAG= 1
C11-175-EL	OFF(scan1)= 0.9	OFF(scan2)= 3.9	ERROR= -3.0	FLAG= 1
C12-130-EL	OFF(scan1)= 0.7	OFF(scan2)= 0.8	ERROR= -0.1	FLAG= 1
C12-175-EL	OFF(scan1)= 0.8	OFF(scan2)= 0.8	ERROR= 0.0	FLAG= 1
C13-130-EL	OFF(scan1)= 3.2	OFF(scan2)= 3.3	ERROR= -0.1	FLAG= 1
C13-175-EL	OFF(scan1)= 3.7	OFF(scan2)= 3.7	ERROR= 0.0	FLAG= 1
C14-130-EL	OFF(scan1)= 0.9	OFF(scan2)= 4.7	ERROR= -3.8	FLAG= 1
C14-175-EL	OFF(scan1)= 1.1	OFF(scan2)= 5.1	ERROR= -4.0	FLAG= 1
E02-130-EL	OFF(scan1)= 1.7	OFF(scan2)= 2.6	ERROR= -0.9	FLAG= 1
E02-175-EL	OFF(scan1)= 2.0	OFF(scan2)= 2.8	ERROR= -0.8	FLAG= 1
E03-130-EL	OFF(scan1)= 1.1	OFF(scan2)= 1.1	ERROR= 0.0	FLAG= 1
E03-175-EL	OFF(scan1)= 0.5	OFF(scan2)= 1.8	ERROR= -1.3	FLAG= 1
E04-130-EL	OFF(scan1)= 2.1	OFF(scan2)= 2.9	ERROR= -0.8	FLAG= 1
E04-175-EL	OFF(scan1)= 2.0	OFF(scan2)= 2.9	ERROR= -0.9	FLAG= 1
E05-130-EL	OFF(scan1)= 1.8	OFF(scan2)= 1.4	ERROR= 0.4	FLAG= 1
E05-175-EL	OFF(scan1)= 1.5	OFF(scan2)= 1.1	ERROR= 0.4	FLAG= 1
E06-130-EL	OFF(scan1)= 3.9	OFF(scan2)= 3.0	ERROR= 0.9	FLAG= 1
E06-175-EL	OFF(scan1)= 4.2	OFF(scan2)= 3.4	ERROR= 0.8	FLAG= 1
S01-130-EL	OFF(scan1)= 2.1	OFF(scan2)= 2.7	ERROR= -0.6	FLAG= 1
S01-175-EL	OFF(scan1)= 2.1	OFF(scan2)= 2.7	ERROR= -0.6	FLAG= 1
S02-130-EL	OFF(scan1)= 1.1	OFF(scan2)= 2.4	ERROR= -1.3	FLAG= 1
S02-175-EL	OFF(scan1)= 1.2	OFF(scan2)= 2.4	ERROR= -1.2	FLAG= 1
S03-130-EL	OFF(scan1)= 2.1	OFF(scan2)= 2.0	ERROR= 0.1	FLAG= 1
S03-175-EL	OFF(scan1)= 2.4	OFF(scan2)= 2.3	ERROR= 0.1	FLAG= 1
S04-130-EL	OFF(scan1)= 3.0	OFF(scan2)= 2.6	ERROR= 0.4	FLAG= 1
S04-175-EL	OFF(scan1)= 2.6	OFF(scan2)= 2.3	ERROR= 0.3	FLAG= 1
S06-130-EL	OFF(scan1)= 0.9	OFF(scan2)= 3.3	ERROR= -2.4	FLAG= 1
S06-175-EL	OFF(scan1)= 0.9	OFF(scan2)= 3.2	ERROR= -2.3	FLAG= 1

W01-130-EL	OFF(scan1)=	0.7	OFF(scan2)=	0.3	ERROR=	0.4	FLAG=	1
W01-175-EL	OFF(scan1)=	2.5	OFF(scan2)=	3.0	ERROR=	-0.5	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)=	2.8	OFF(scan2)=	3.5	ERROR=	-0.7	FLAG=	1
W03-175-EL	OFF(scan1)=	2.5	OFF(scan2)=	3.2	ERROR=	-0.7	FLAG=	1
W04-130-EL	OFF(scan1)=	2.5	OFF(scan2)=	2.0	ERROR=	0.5	FLAG=	1
W04-175-EL	OFF(scan1)=	2.7	OFF(scan2)=	2.2	ERROR=	0.5	FLAG=	1
W05-130-EL	OFF(scan1)=	0.2	OFF(scan2)=	3.3	ERROR=	-3.1	FLAG=	1
W05-175-EL	OFF(scan1)=	0.2	OFF(scan2)=	3.3	ERROR=	-3.1	FLAG=	1
W06-130-EL	OFF(scan1)=	1.6	OFF(scan2)=	2.1	ERROR=	-0.5	FLAG=	1
W06-175-EL	OFF(scan1)=	1.4	OFF(scan2)=	1.9	ERROR=	-0.5	FLAG=	1



# EL backlash error (arcmin)



EL backlash test (24Apr2023 18:43:00)