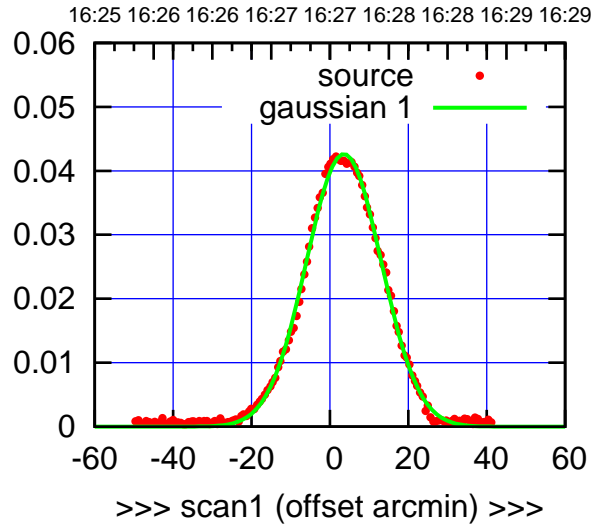
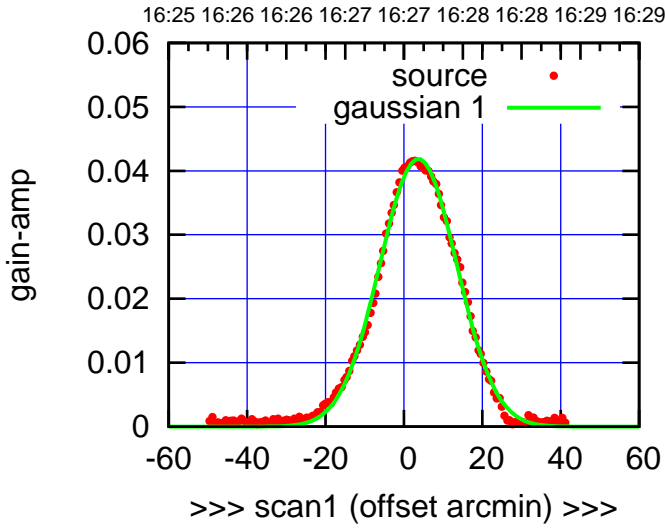


C00-130-EL OFF= 3.7' ( 23.1')

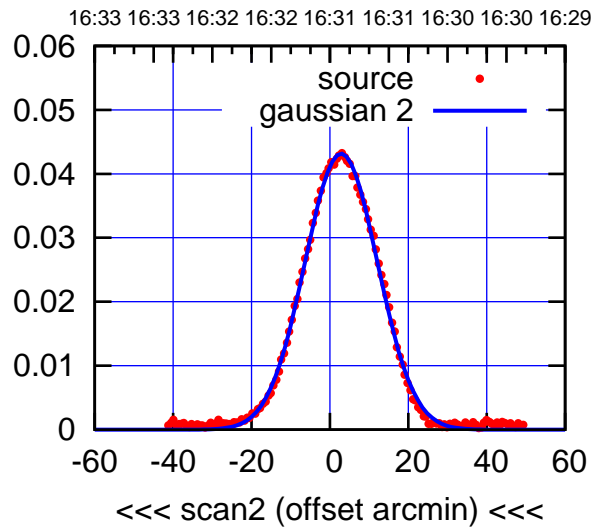
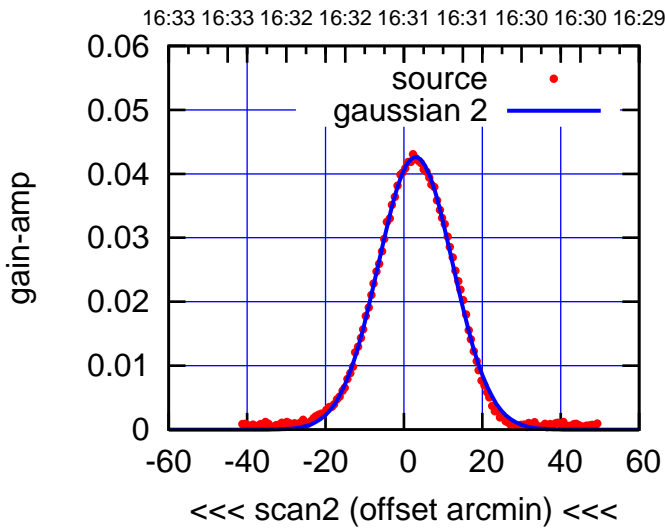
C00-175-EL OFF= 3.5' ( 22.4')



(+30'/m) 28Jan2023 16:27:30

C00-130-EL OFF= 3.0' ( 22.4')

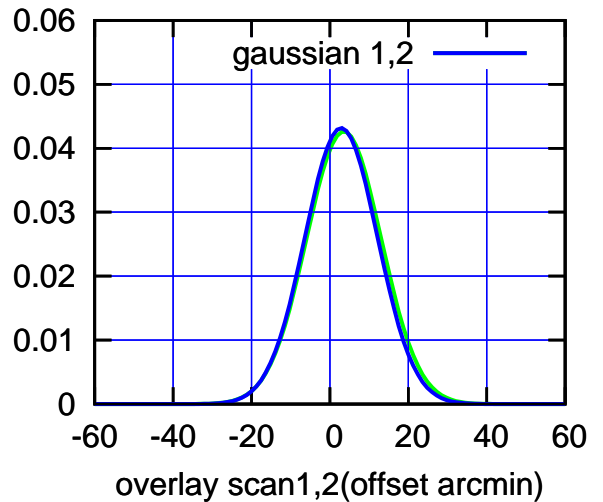
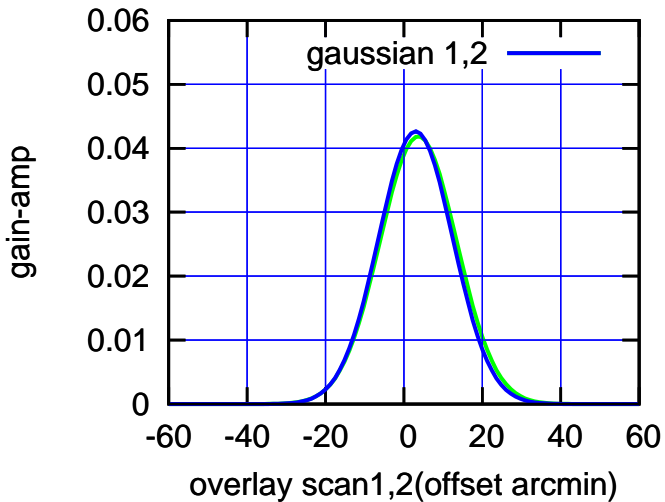
C00-175-EL OFF= 2.9' ( 21.8')



(-30'/m) 28Jan2023 16:31:30

BACKLASH ERROR= 0.7'

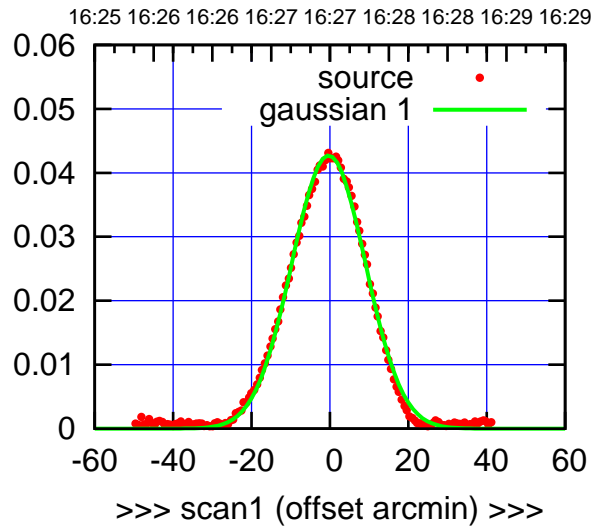
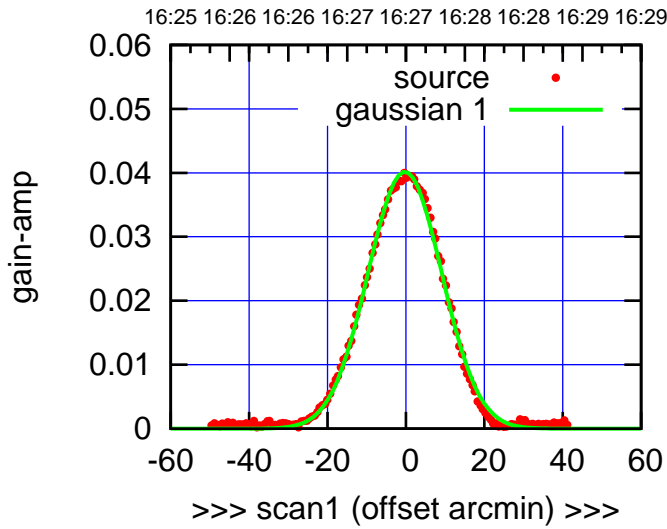
BACKLASH ERROR= 0.6'



(1460 MHz.)

C01-130-EL OFF= -0.3' ( 22.1')

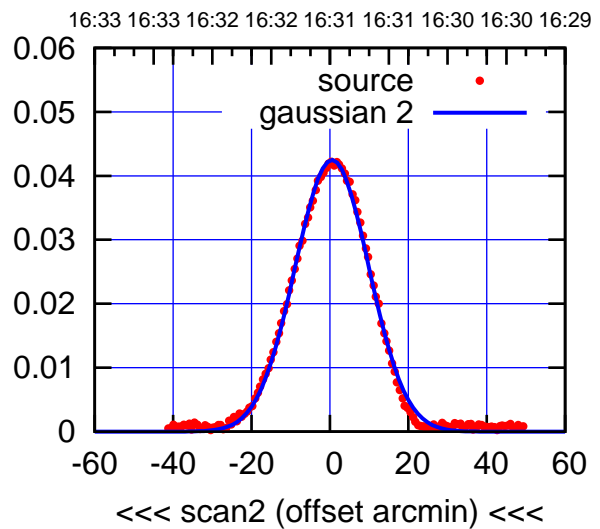
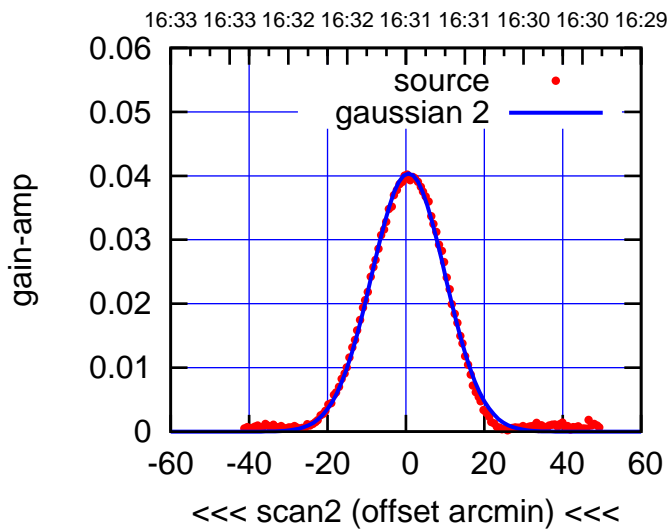
C01-175-EL OFF= -0.3' ( 22.1')



(+30'/m) 28Jan2023 16:27:30

C01-130-EL OFF= 0.6' ( 22.0')

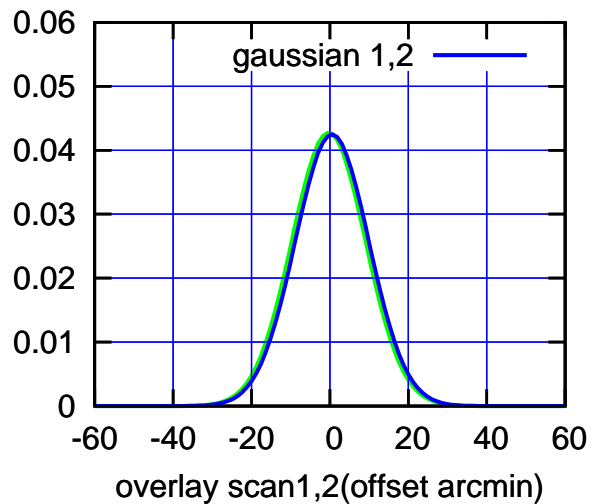
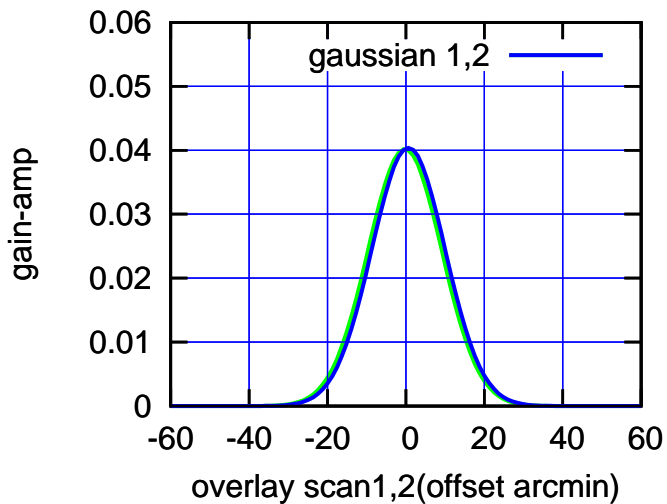
C01-175-EL OFF= 0.5' ( 22.1')



(-30'/m) 28Jan2023 16:31:30

BACKLASH ERROR= -0.9'

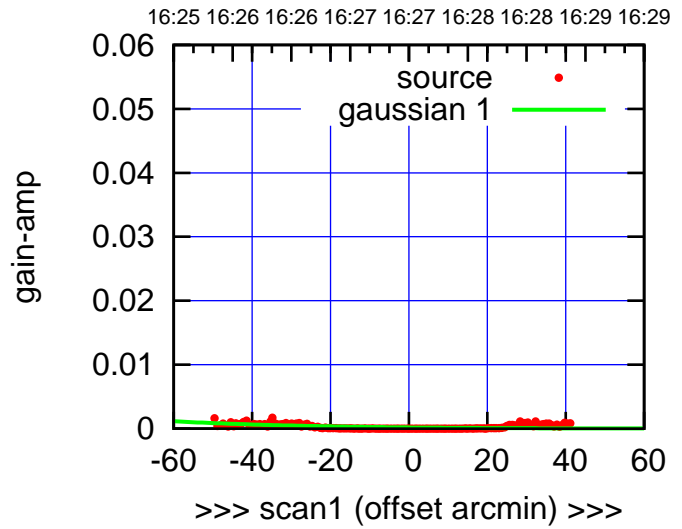
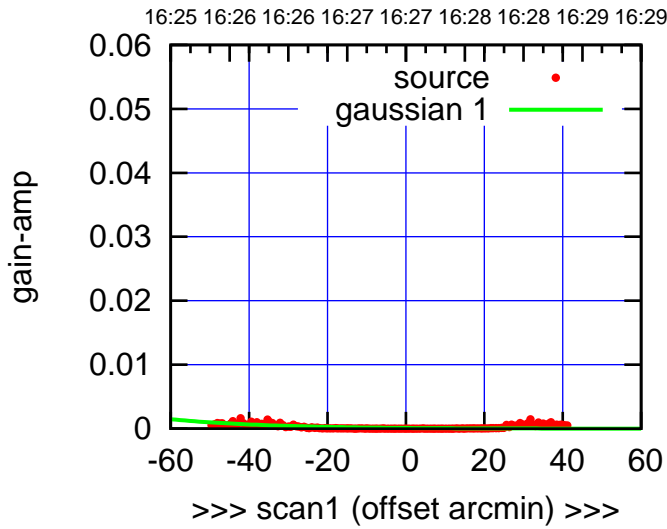
BACKLASH ERROR= -0.8'



(1460 MHz.)

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

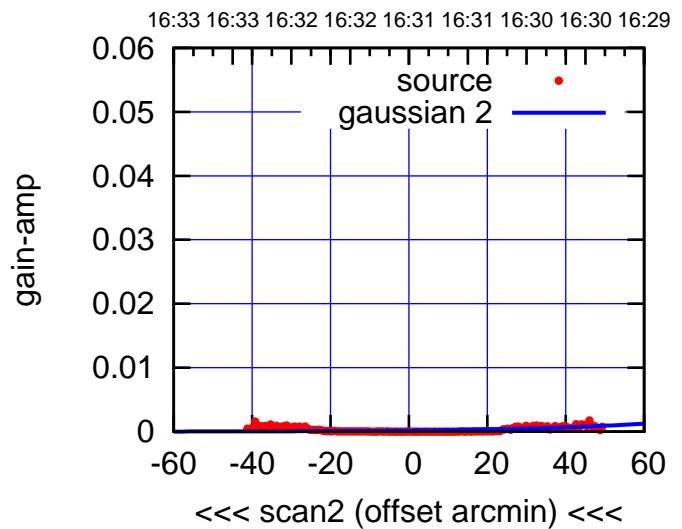
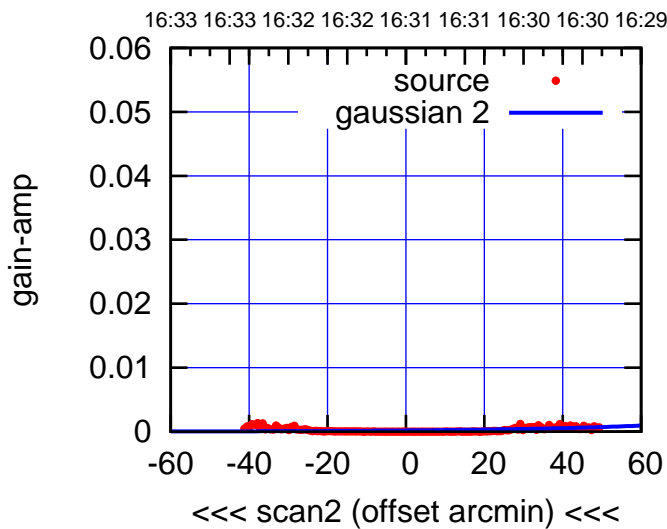
C02-175-EL OFF= 0.0' ( 0.0')



(+30'/m) 28Jan2023 16:27:30

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

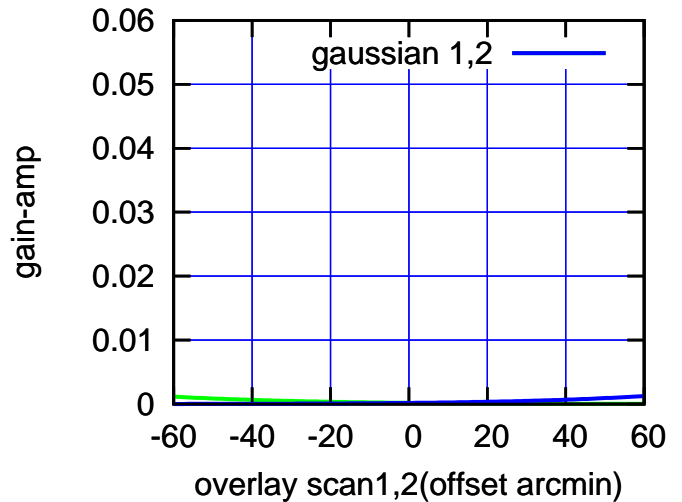
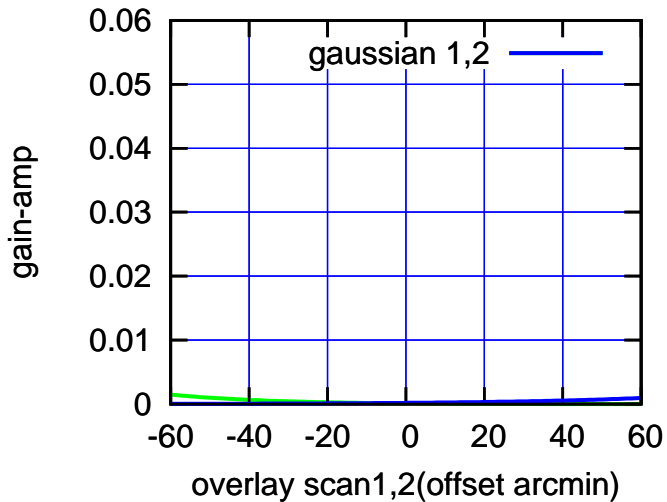
C02-175-EL OFF= 0.0' ( 0.0')



(-30'/m) 28Jan2023 16:31:30

BACKLASH ERROR= 0.0'

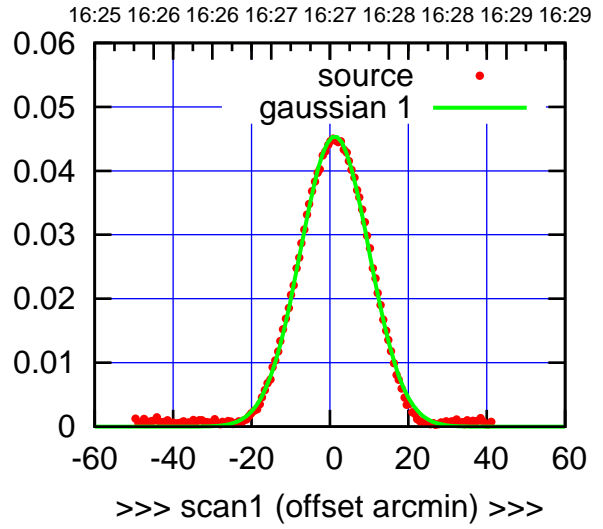
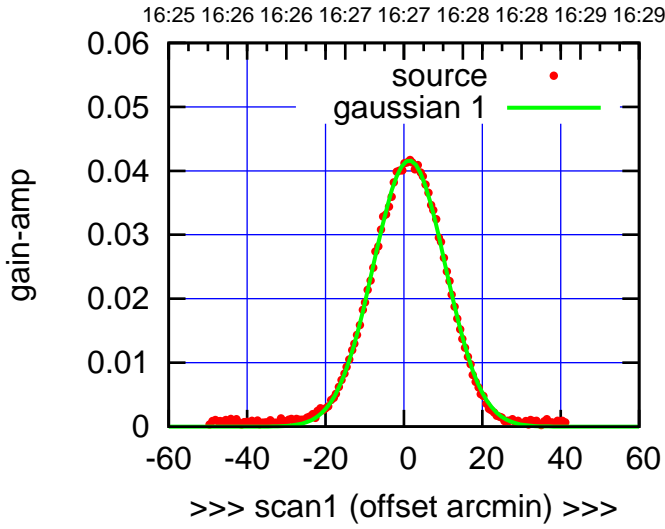
BACKLASH ERROR= 0.0'



(1460 MHz.)

C03-130-EL OFF= 1.4' ( 21.6')

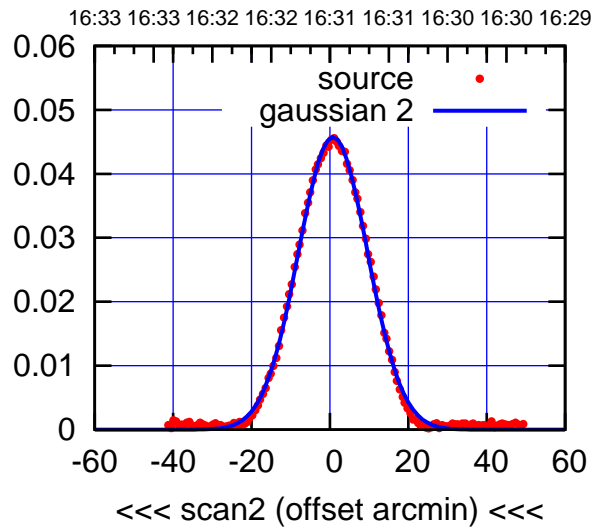
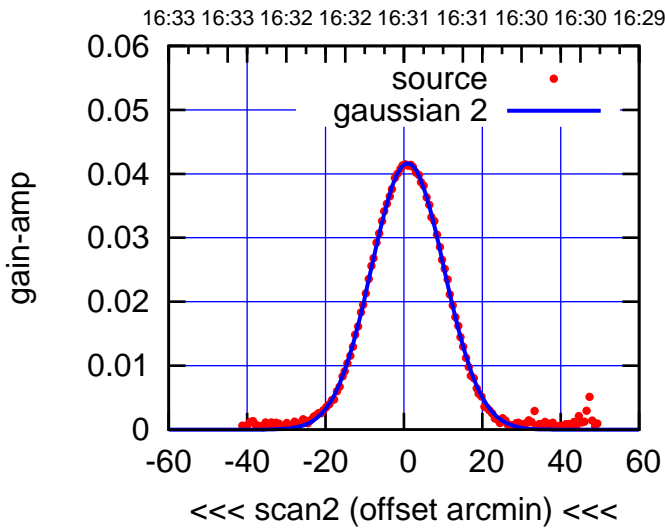
C03-175-EL OFF= 1.2' ( 20.6')



(+30'/m) 28Jan2023 16:27:30

C03-130-EL OFF= 1.0' ( 21.8')

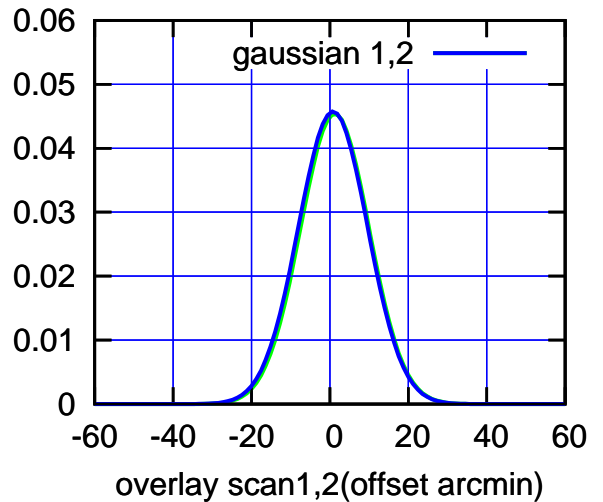
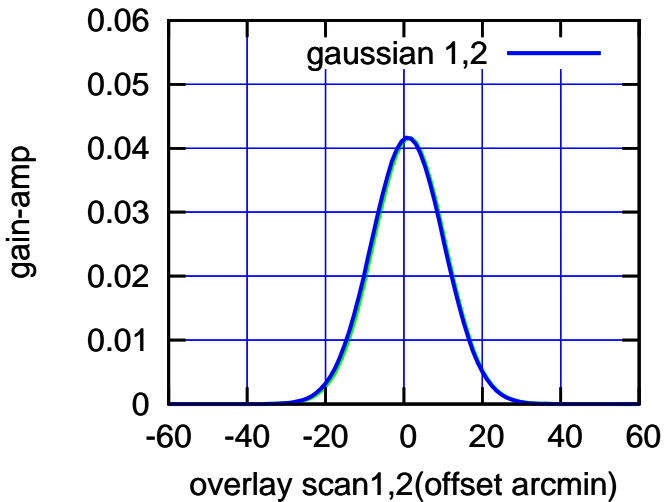
C03-175-EL OFF= 0.8' ( 20.8')



(-30'/m) 28Jan2023 16:31:30

BACKLASH ERROR= 0.4'

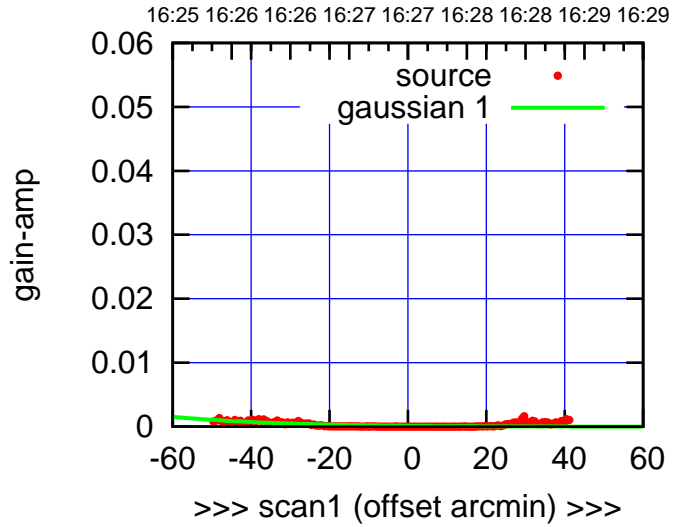
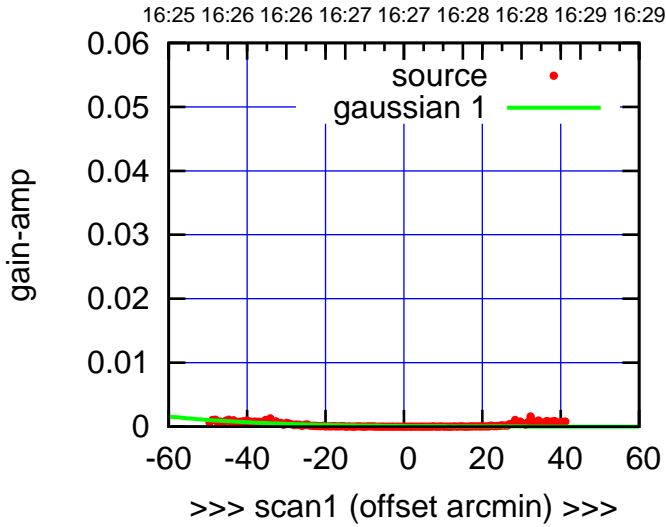
BACKLASH ERROR= 0.4'



(1460 MHz.)

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

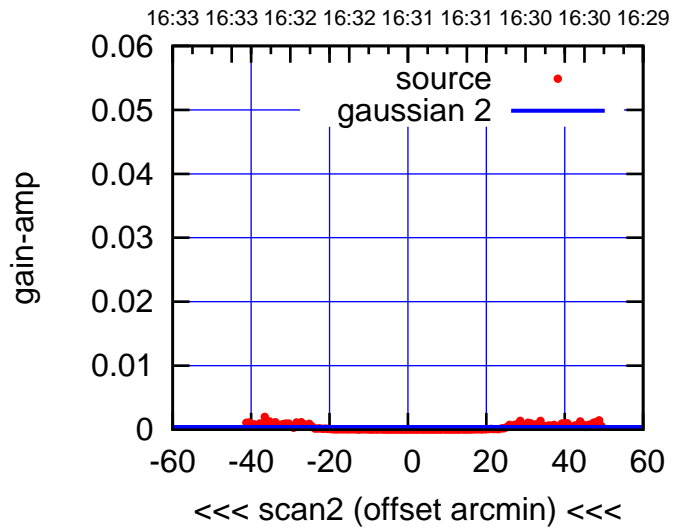
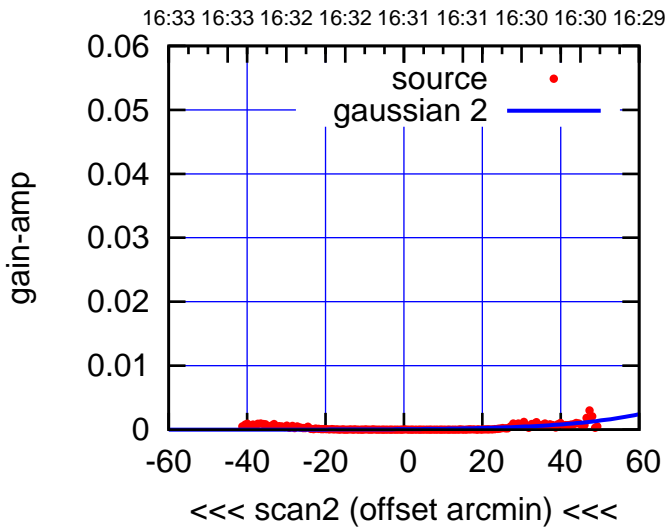
C04-175-EL OFF= 0.0' ( 0.0')



(+30'/m) 28Jan2023 16:27:30

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

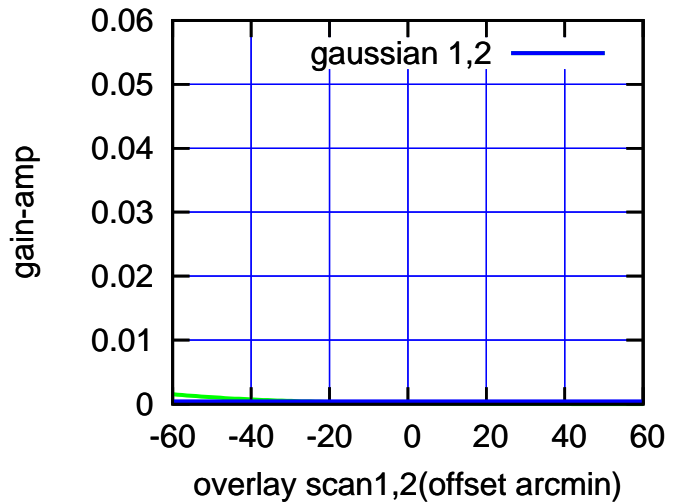
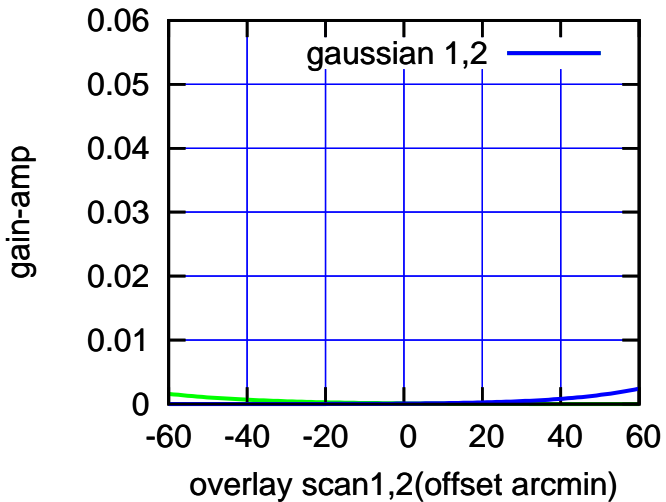
C04-175-EL OFF= 0.0' ( 0.0')



(-30'/m) 28Jan2023 16:31:30

BACKLASH ERROR= 0.0'

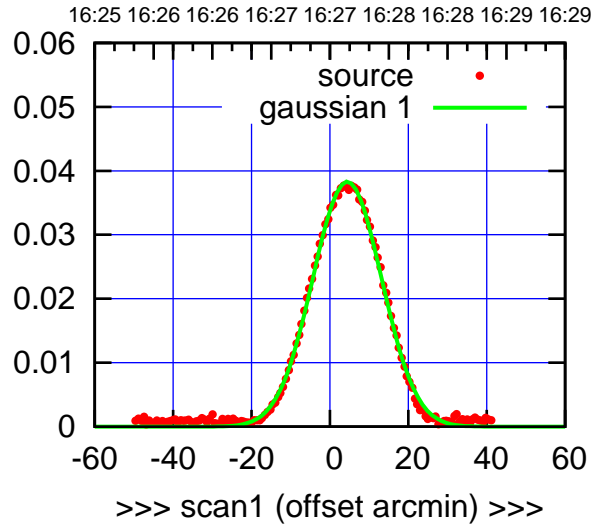
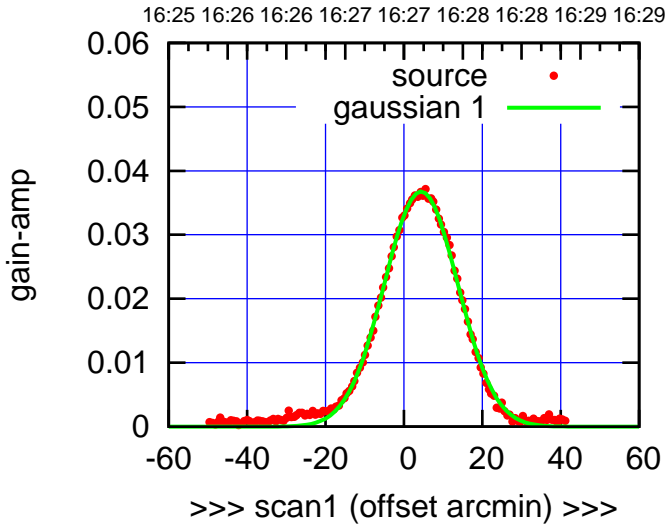
BACKLASH ERROR= 0.0'



(1460 MHz.)

C05-130-EL OFF= 4.4' ( 22.1')

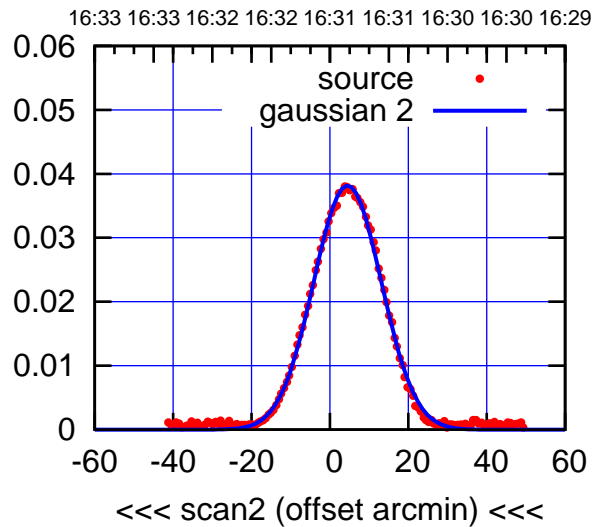
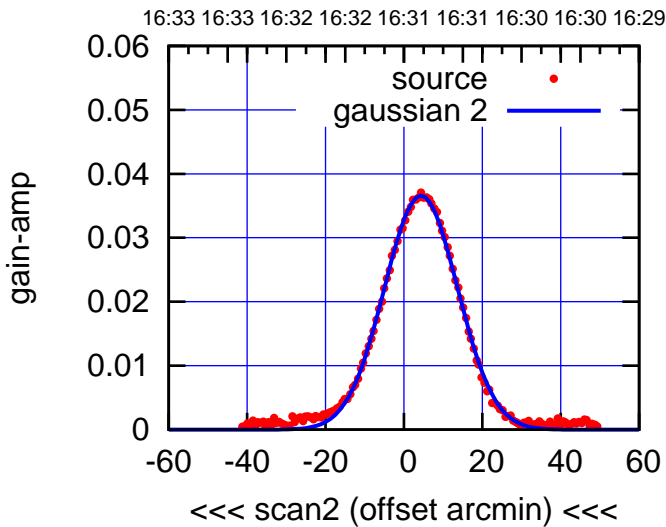
C05-175-EL OFF= 4.4' ( 20.6')



(+30'/m) 28Jan2023 16:27:30

C05-130-EL OFF= 4.4' ( 21.9')

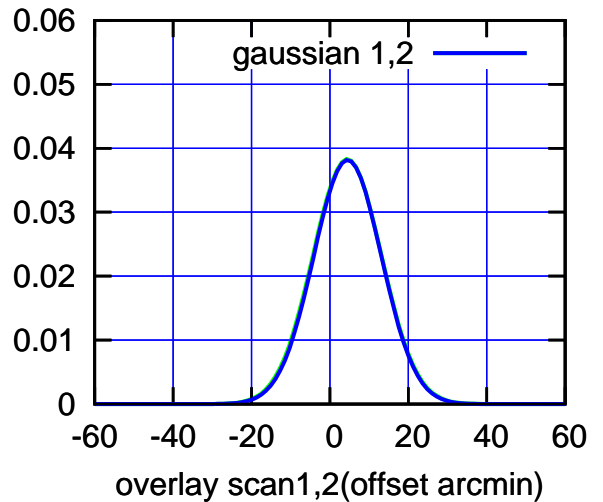
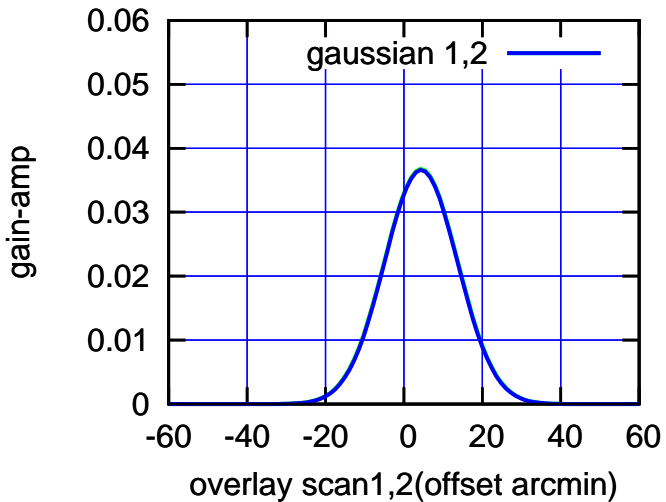
C05-175-EL OFF= 4.5' ( 20.3')



(-30'/m) 28Jan2023 16:31:30

BACKLASH ERROR= 0.0'

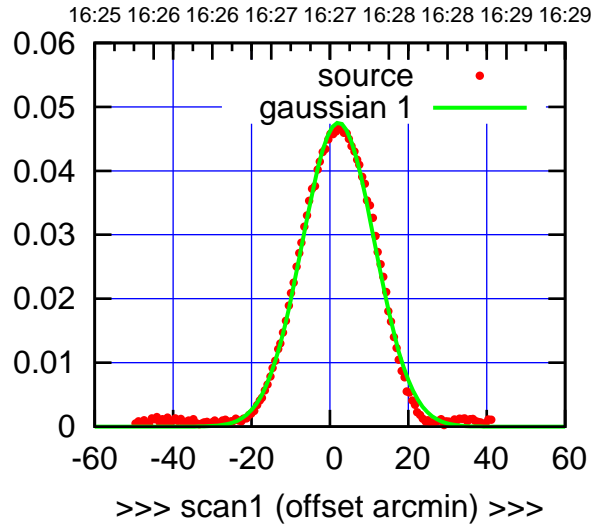
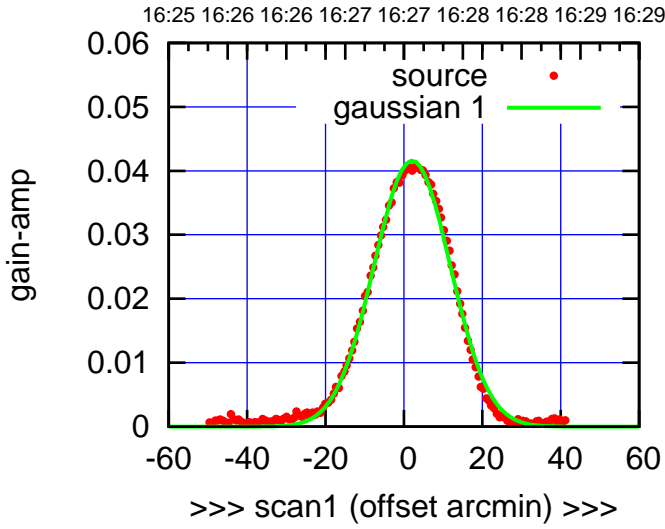
BACKLASH ERROR= -0.1'



(1460 MHz.)

C06-130-EL OFF= 2.1' ( 22.9')

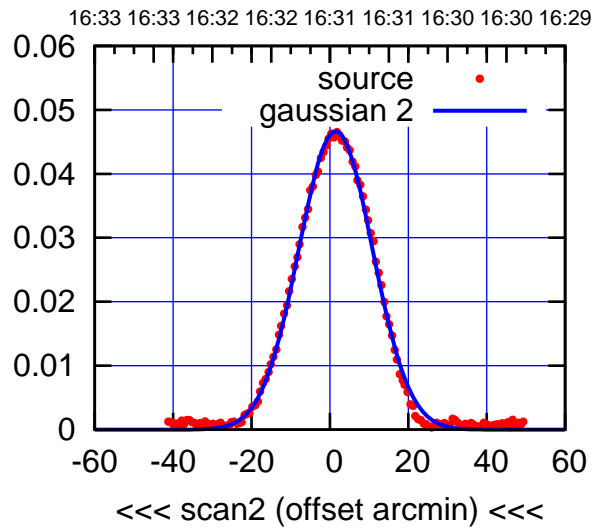
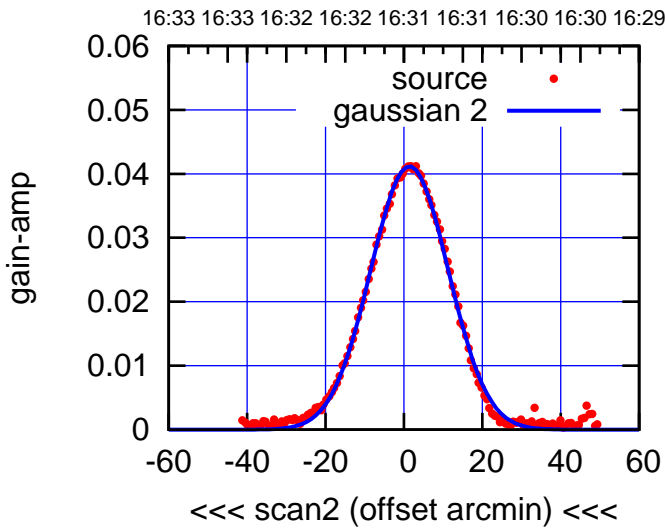
C06-175-EL OFF= 2.2' ( 21.7')



(+30'/m) 28Jan2023 16:27:30

C06-130-EL OFF= 1.4' ( 23.3')

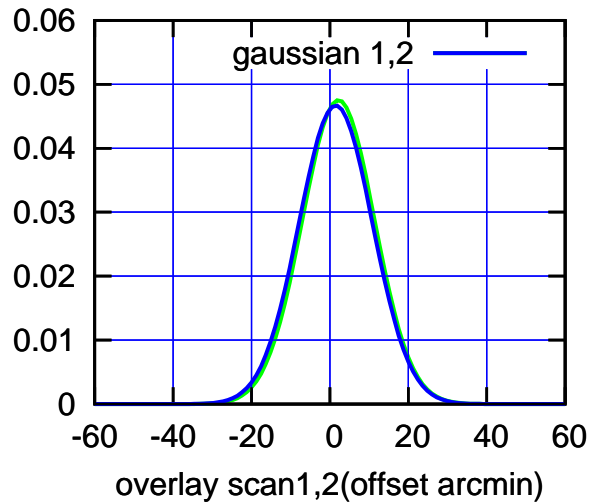
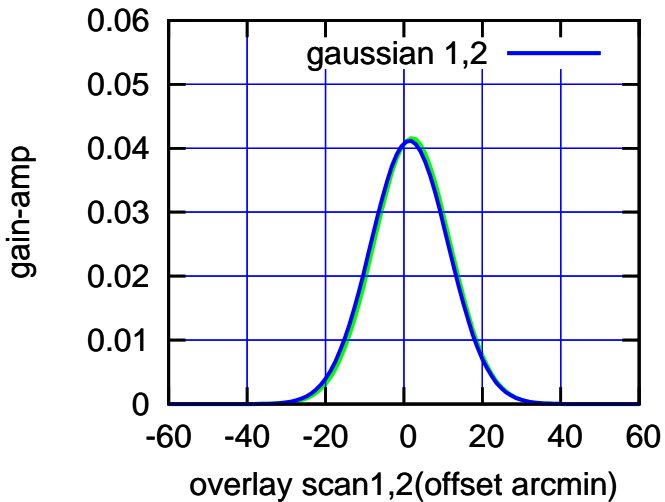
C06-175-EL OFF= 1.5' ( 22.1')



(-30'/m) 28Jan2023 16:31:30

BACKLASH ERROR= 0.7'

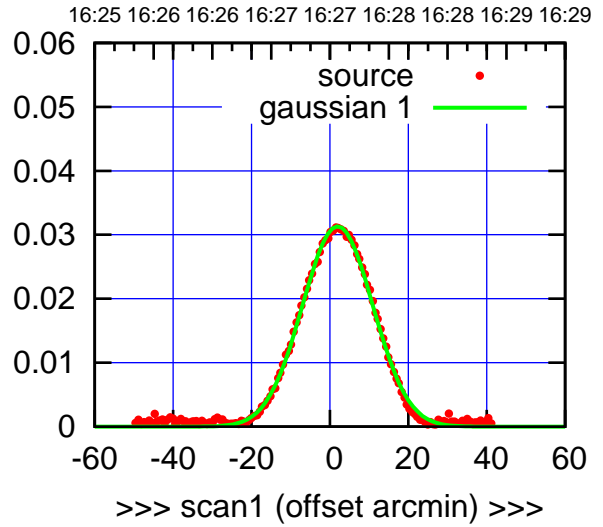
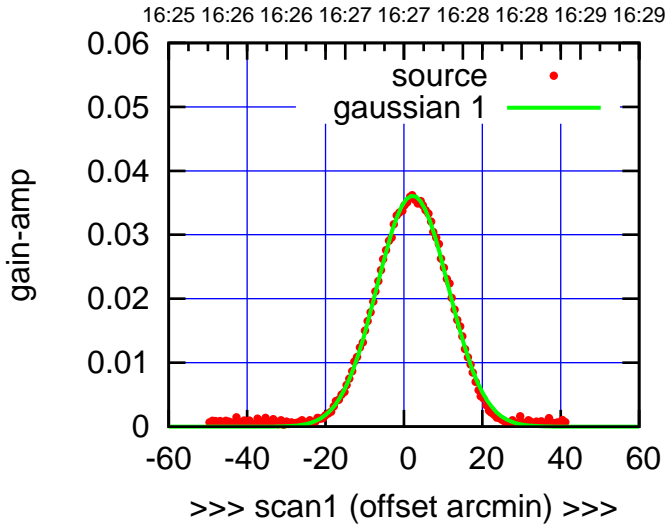
BACKLASH ERROR= 0.7'



(1460 MHz.)

C08-130-EL OFF= 2.2' ( 21.4')

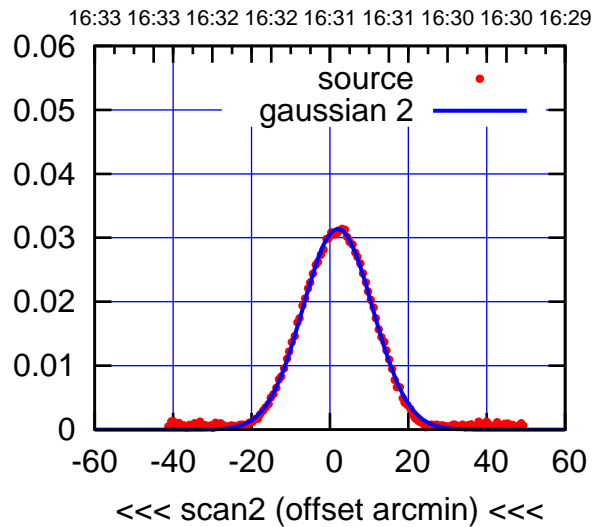
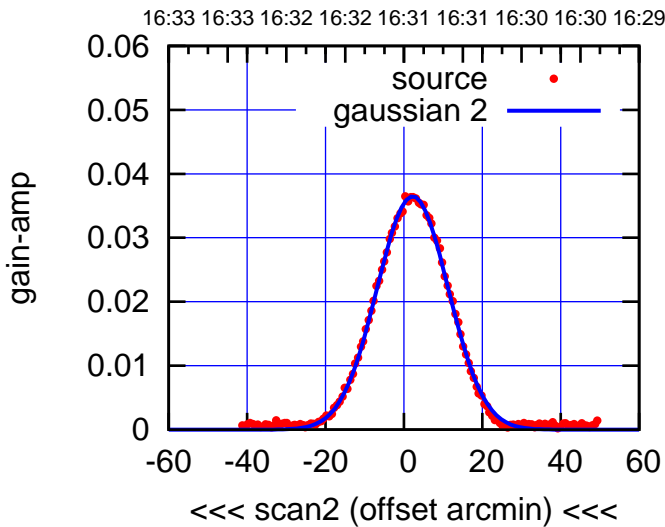
C08-175-EL OFF= 2.0' ( 21.1')



(+30'/m) 28Jan2023 16:27:30

C08-130-EL OFF= 2.2' ( 21.3')

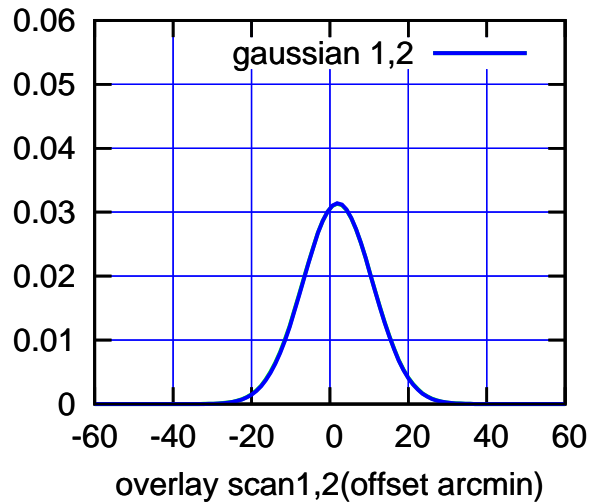
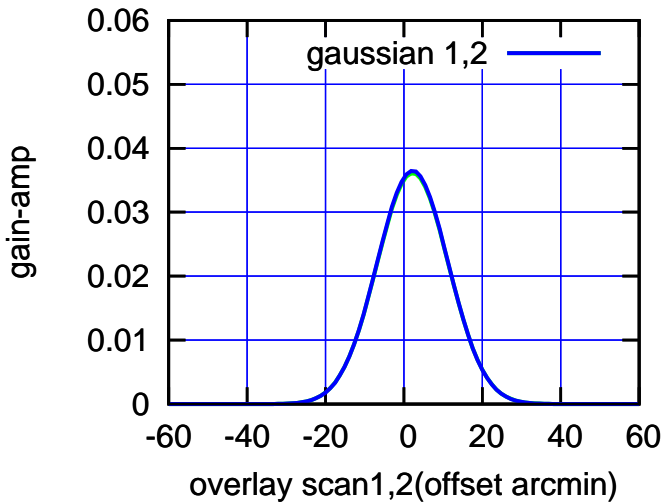
C08-175-EL OFF= 2.0' ( 20.9')



(-30'/m) 28Jan2023 16:31:30

BACKLASH ERROR= 0.0'

BACKLASH ERROR= 0.0'

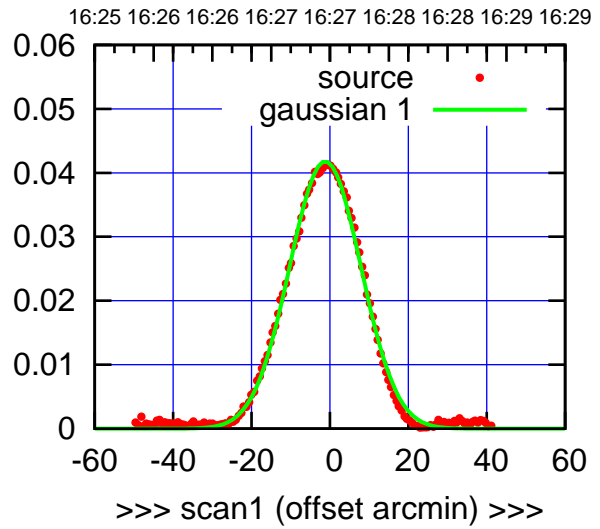
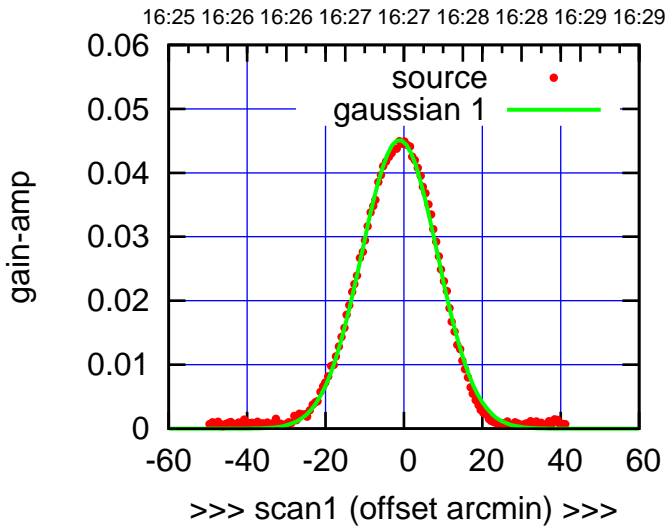


(1460 MHz.)



C09-130-EL OFF= -1.1' ( 22.7')

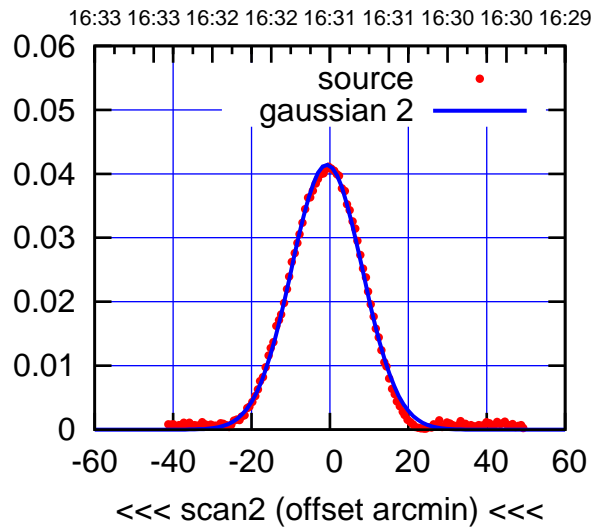
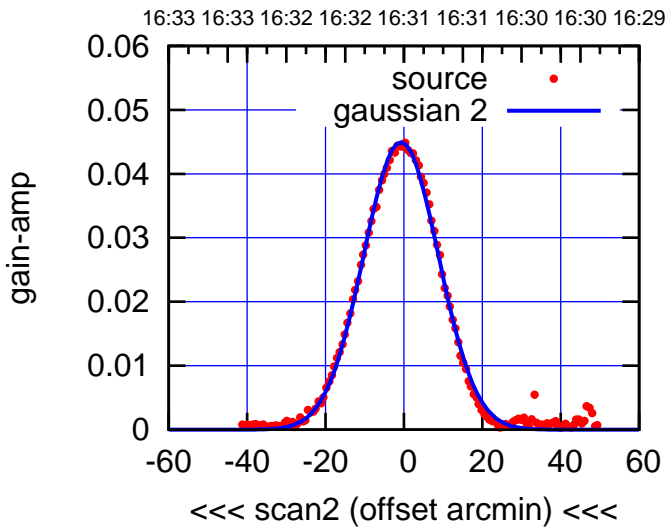
C09-175-EL OFF= -1.2' ( 21.4')



(+30'/m) 28Jan2023 16:27:30

C09-130-EL OFF= -0.7' ( 22.5')

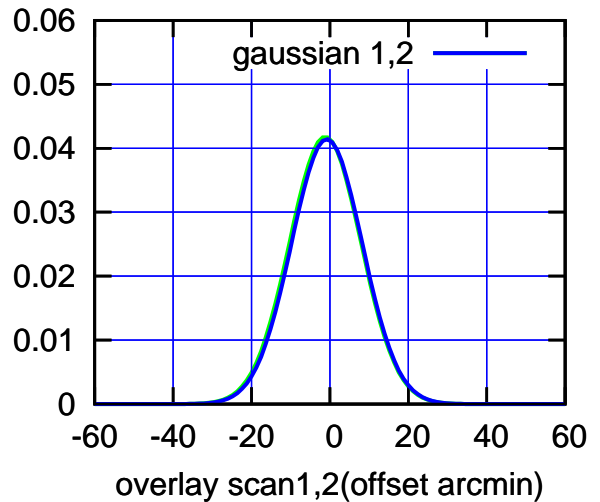
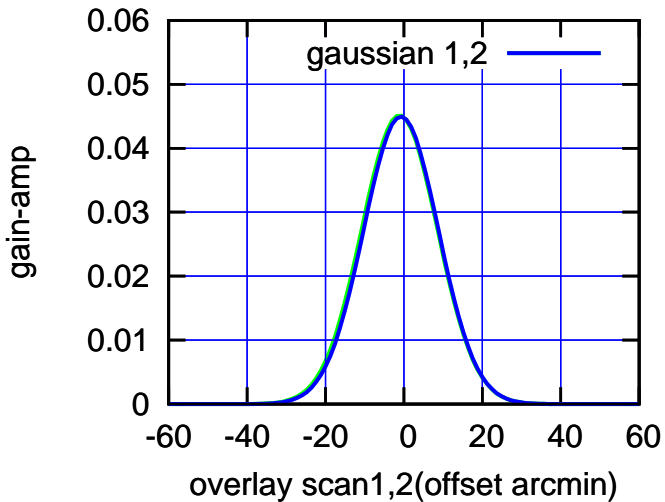
C09-175-EL OFF= -0.8' ( 21.3')



(-30'/m) 28Jan2023 16:31:30

BACKLASH ERROR= -0.4'

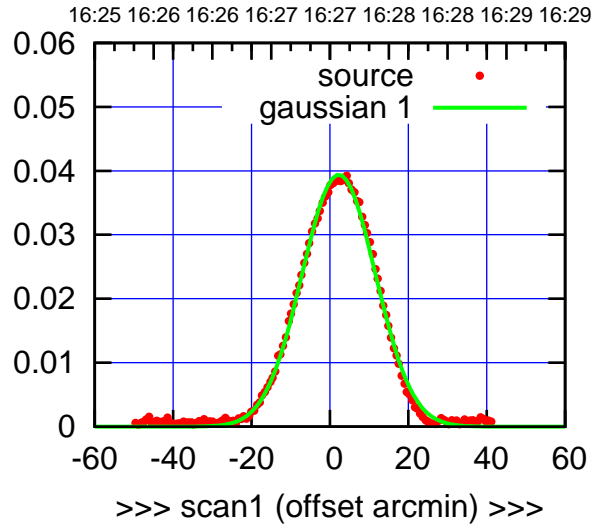
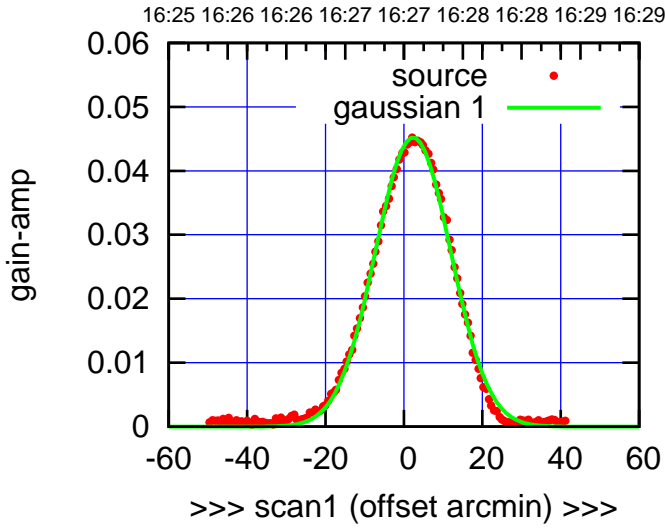
BACKLASH ERROR= -0.4'



(1460 MHz.)

C10-130-EL OFF= 2.3' ( 22.6')

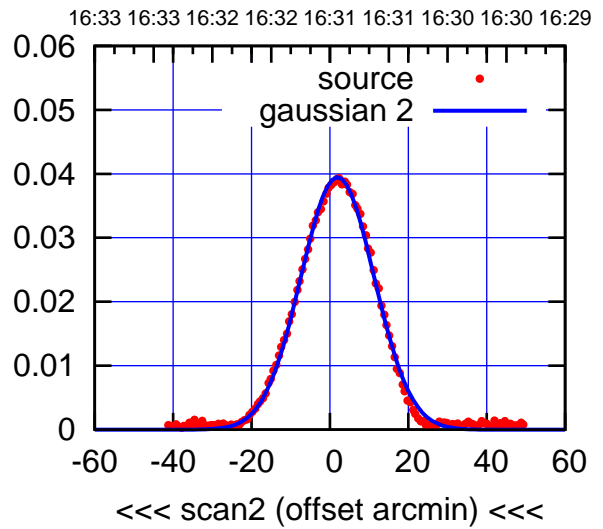
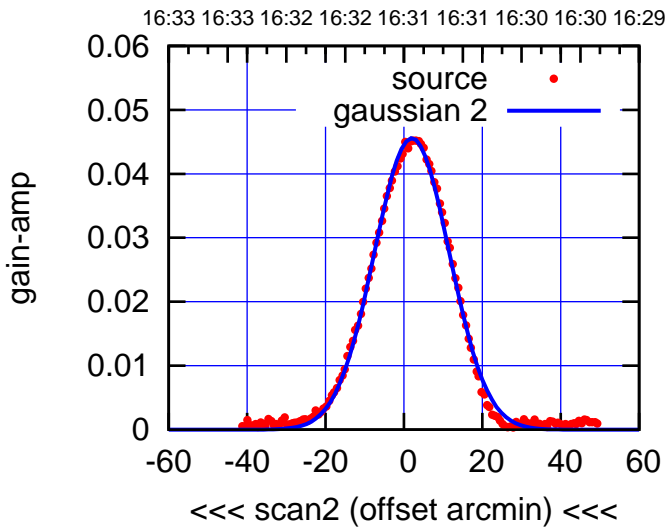
C10-175-EL OFF= 2.3' ( 22.0')



(+30'/m) 28Jan2023 16:27:30

C10-130-EL OFF= 2.0' ( 22.5')

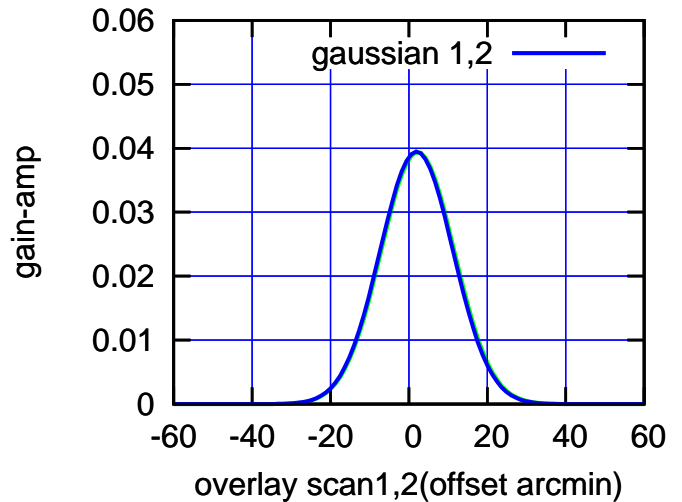
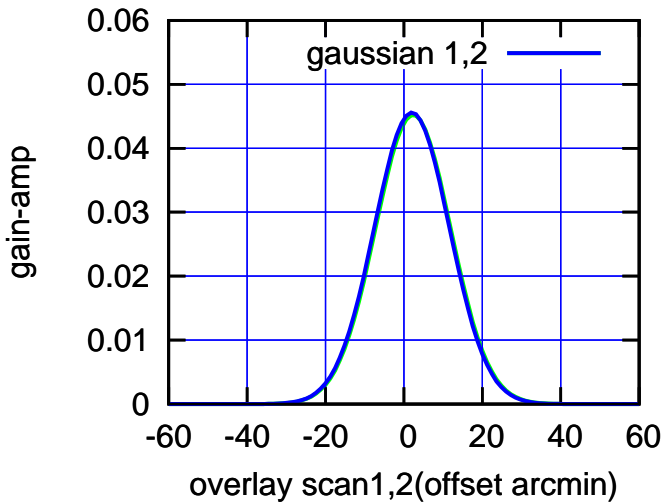
C10-175-EL OFF= 1.9' ( 22.0')



(-30'/m) 28Jan2023 16:31:30

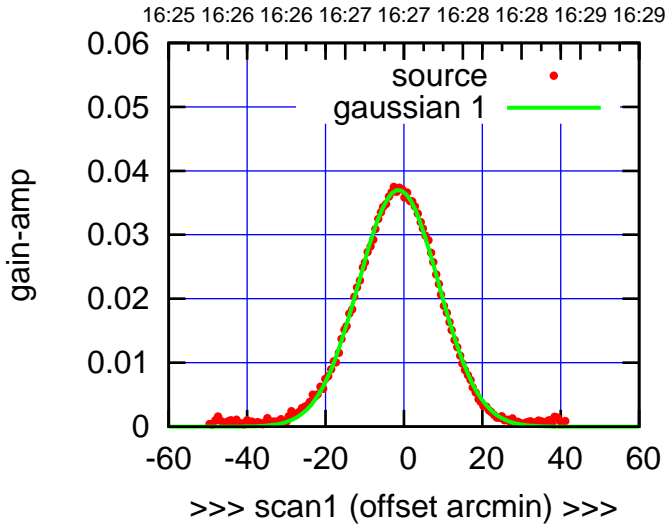
BACKLASH ERROR= 0.3'

BACKLASH ERROR= 0.4'

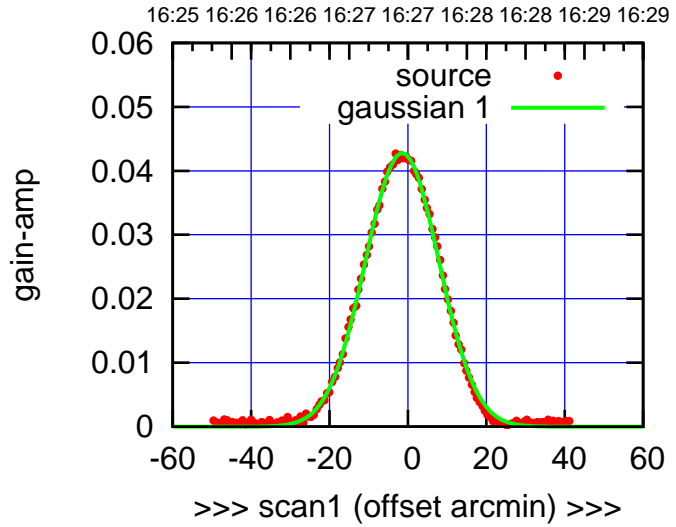


(1460 MHz.)

C11-130-EL OFF= -1.4' ( 24.0')

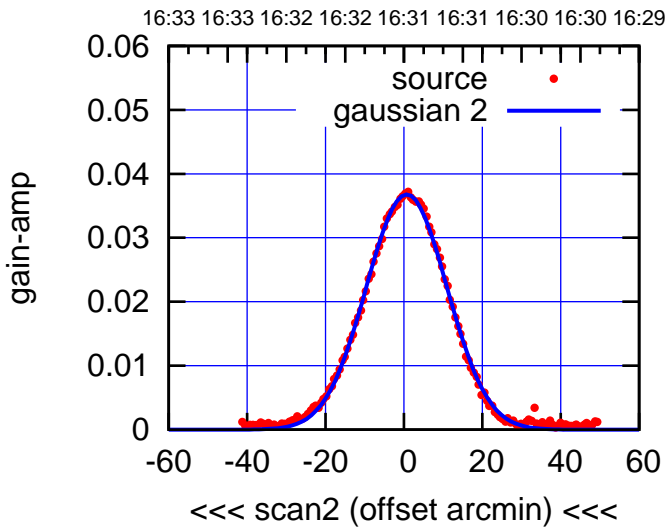


C11-175-EL OFF= -1.5' ( 22.0')

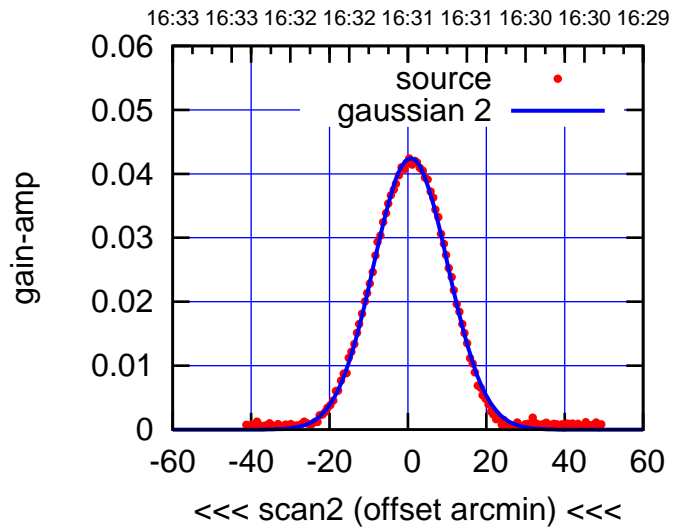


(+30'/m) 28Jan2023 16:27:30

C11-130-EL OFF= 0.7' ( 24.2')

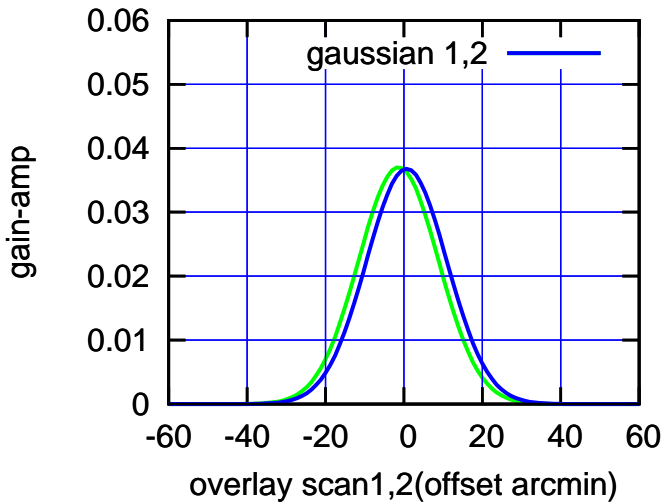


C11-175-EL OFF= 0.7' ( 22.2')

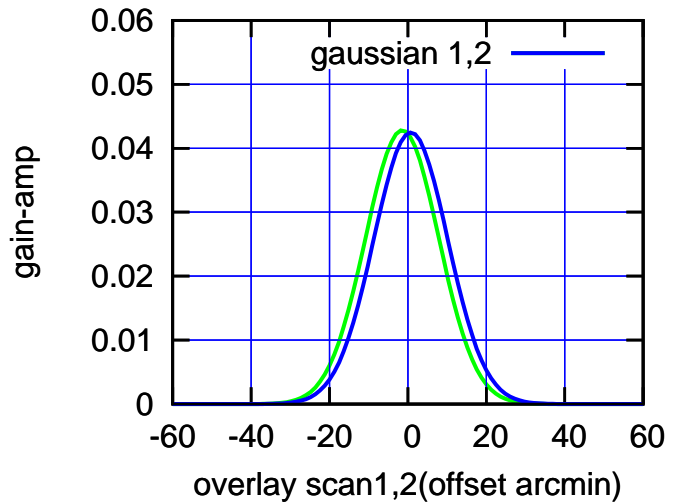


(-30'/m) 28Jan2023 16:31:30

BACKLASH ERROR= -2.1'



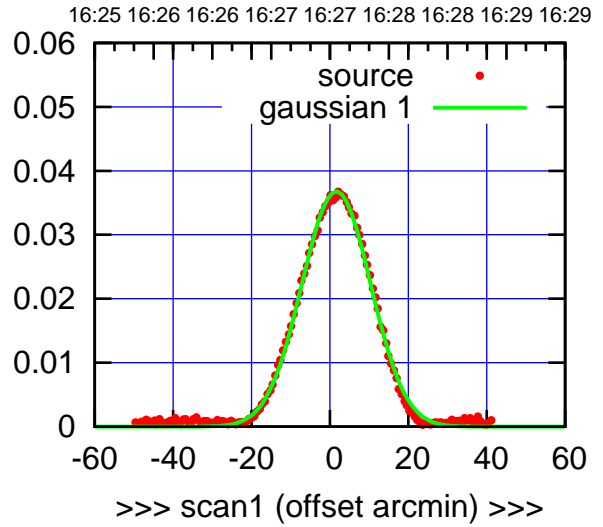
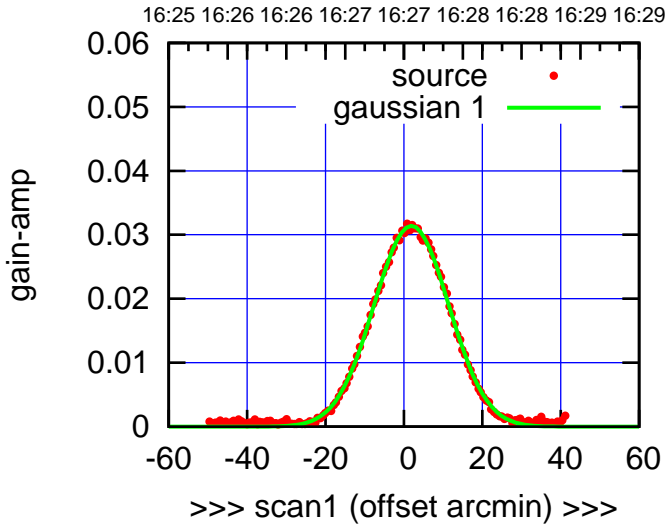
BACKLASH ERROR= -2.2'



(1460 MHz.)

C12-130-EL OFF= 1.9' ( 22.4')

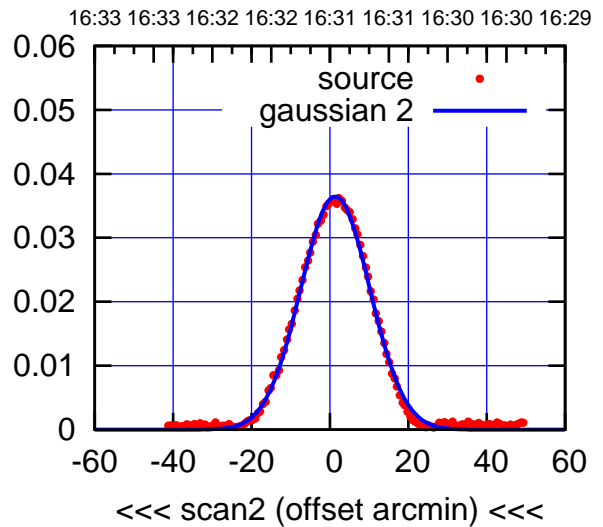
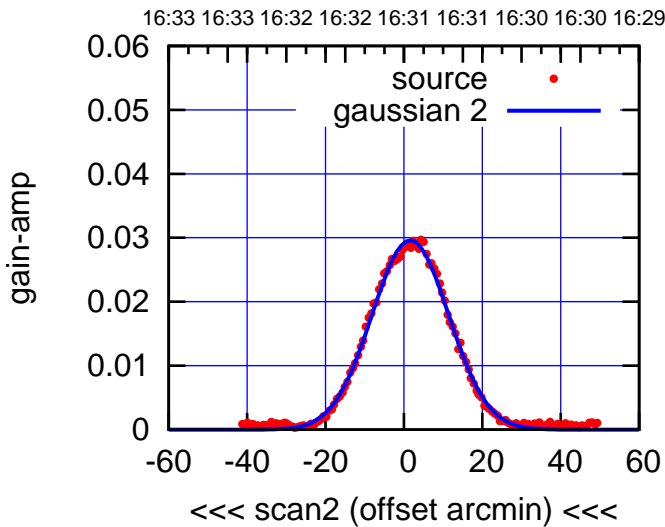
C12-175-EL OFF= 1.6' ( 20.7')



(+30'/m) 28Jan2023 16:27:30

C12-130-EL OFF= 1.6' ( 23.1')

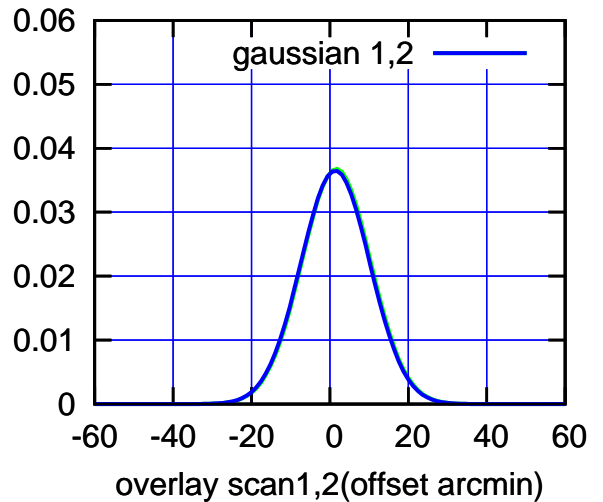
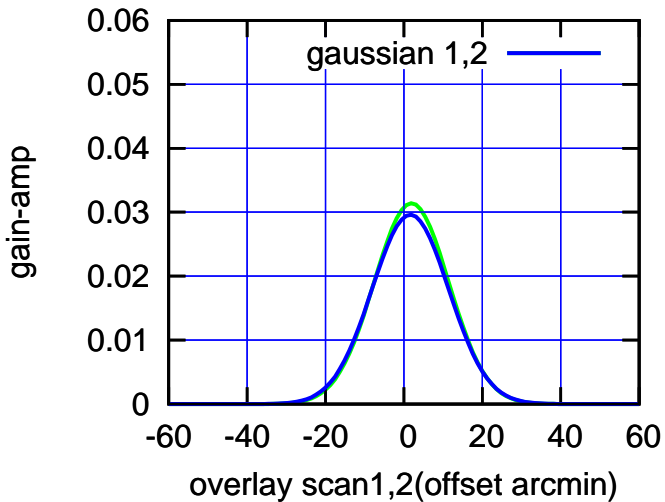
C12-175-EL OFF= 1.4' ( 20.7')



(-30'/m) 28Jan2023 16:31:30

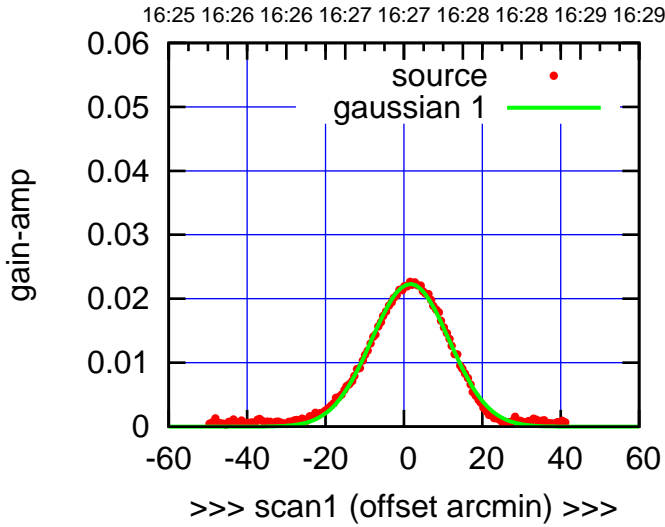
BACKLASH ERROR= 0.3'

BACKLASH ERROR= 0.2'

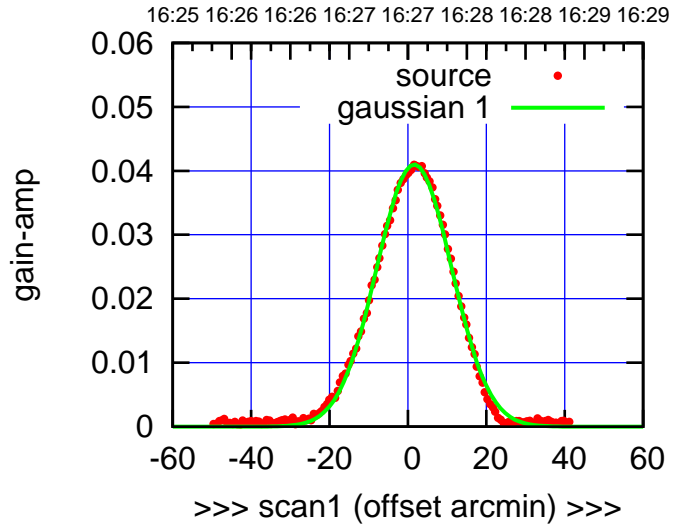


(1460 MHz.)

C13-130-EL OFF= 1.6' ( 23.4')

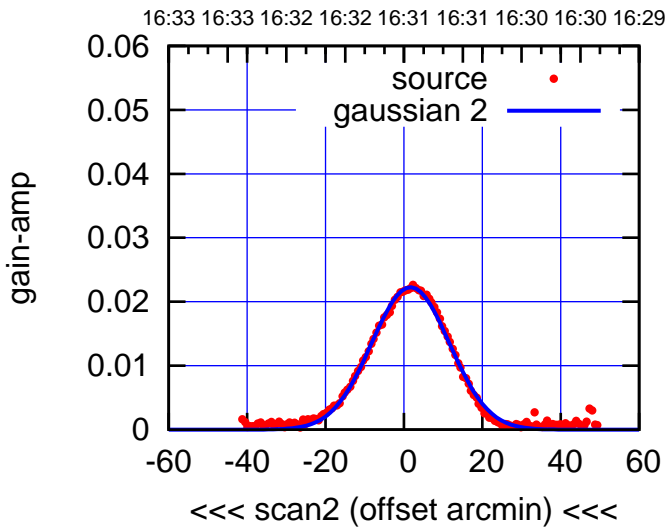


C13-175-EL OFF= 1.6' ( 22.5')

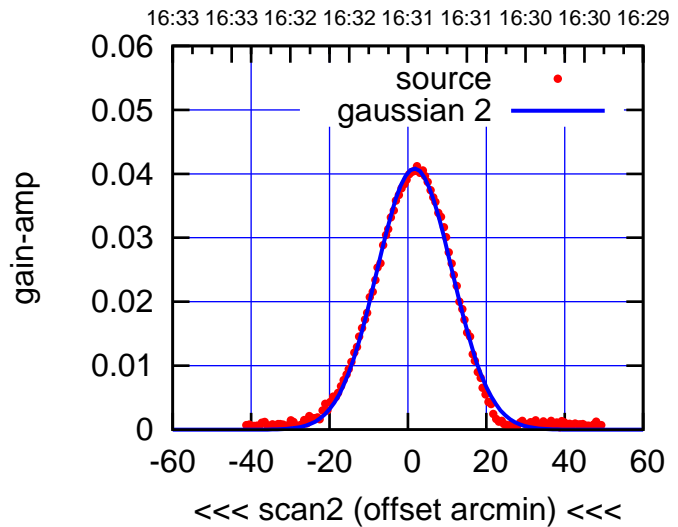


(+30'/m) 28Jan2023 16:27:30

C13-130-EL OFF= 1.7' ( 23.4')

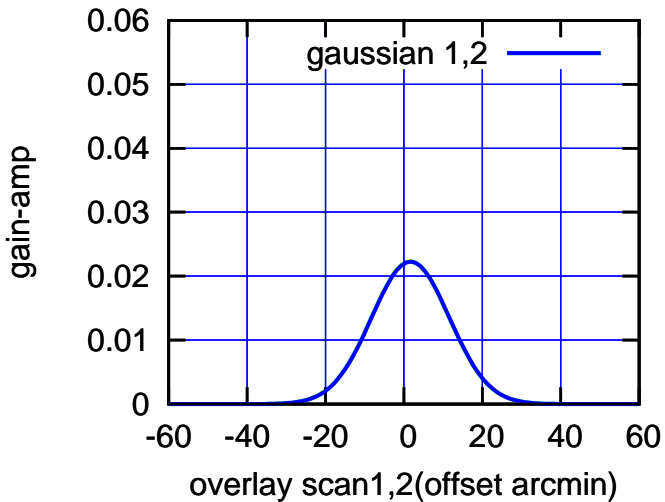


C13-175-EL OFF= 1.7' ( 22.6')

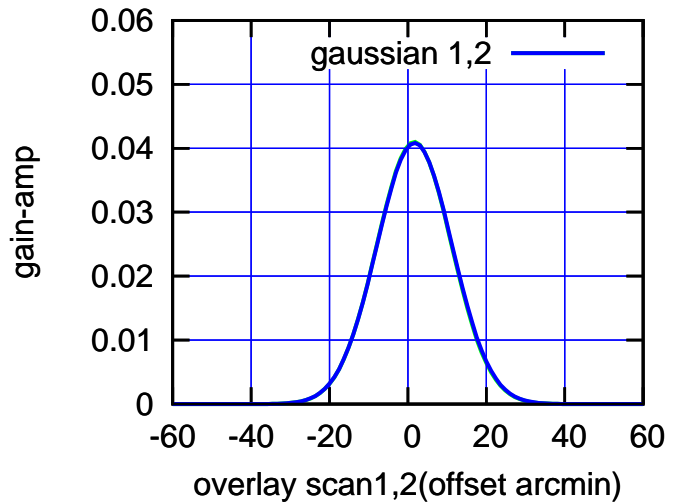


(-30'/m) 28Jan2023 16:31:30

BACKLASH ERROR= -0.1'



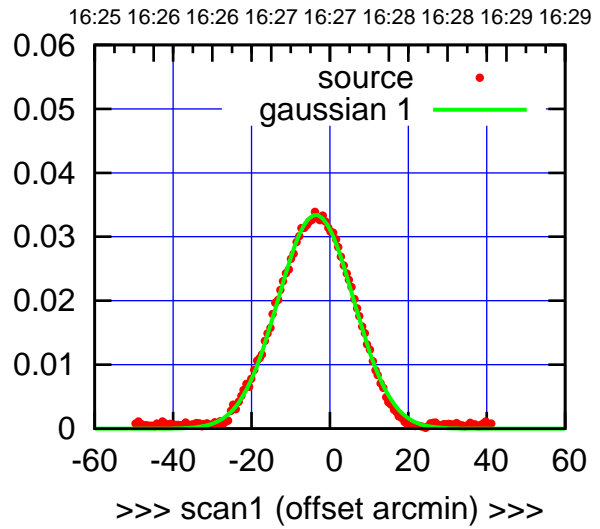
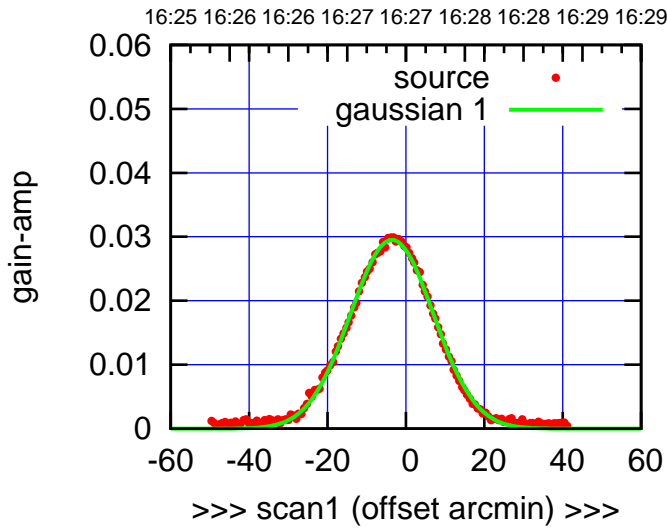
BACKLASH ERROR= -0.1'



(1460 MHz.)

C14-130-EL OFF= -3.6' ( 24.9')

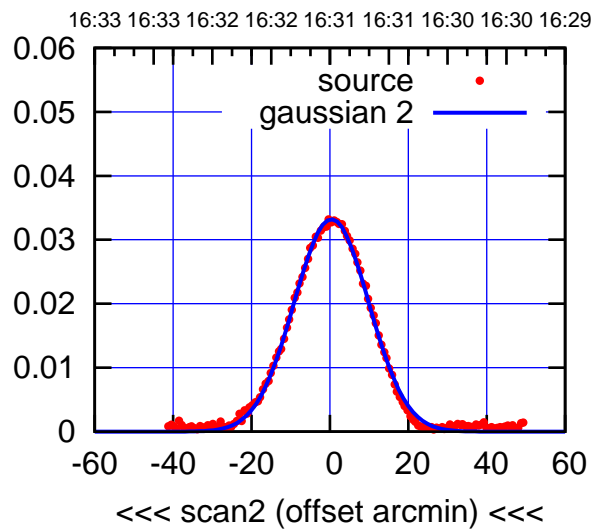
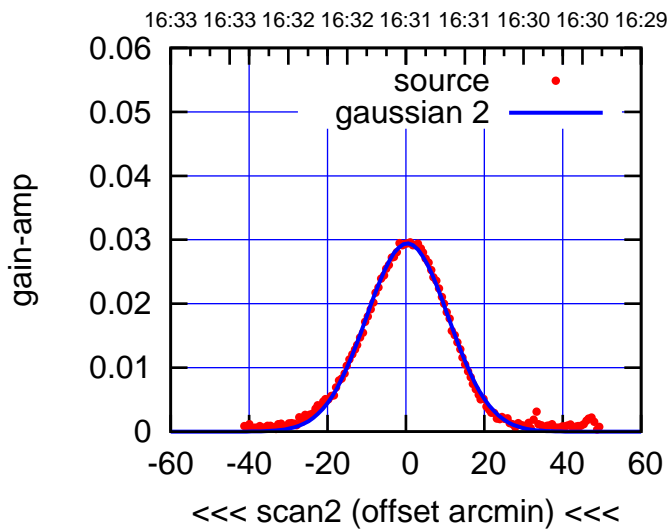
C14-175-EL OFF= -3.6' ( 22.6')



(+30'/m) 28Jan2023 16:27:30

C14-130-EL OFF= 0.4' ( 24.7')

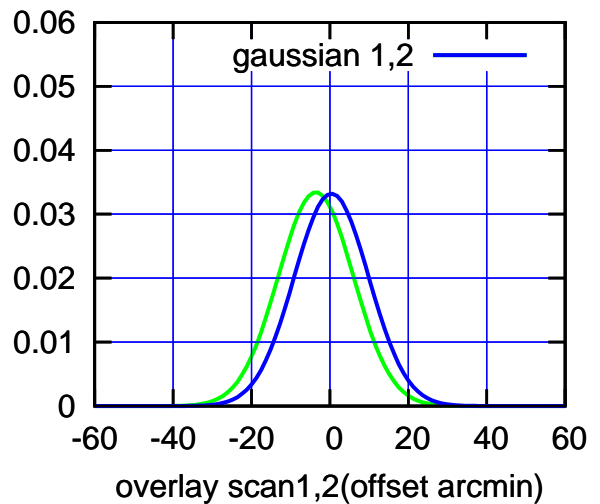
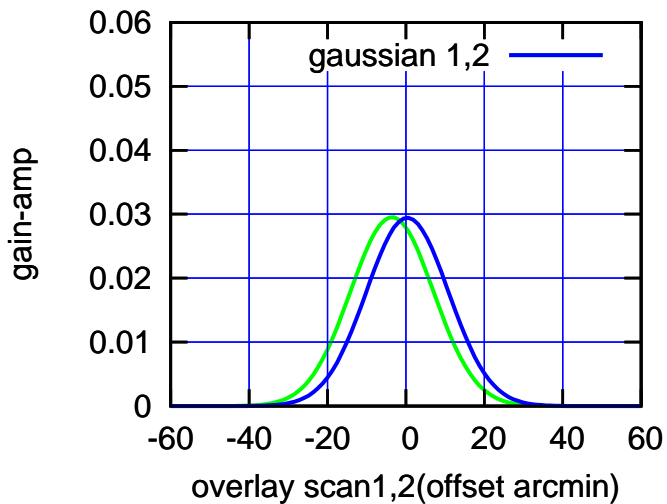
C14-175-EL OFF= 0.4' ( 22.5')



(-30'/m) 28Jan2023 16:31:30

BACKLASH ERROR= -4.0'

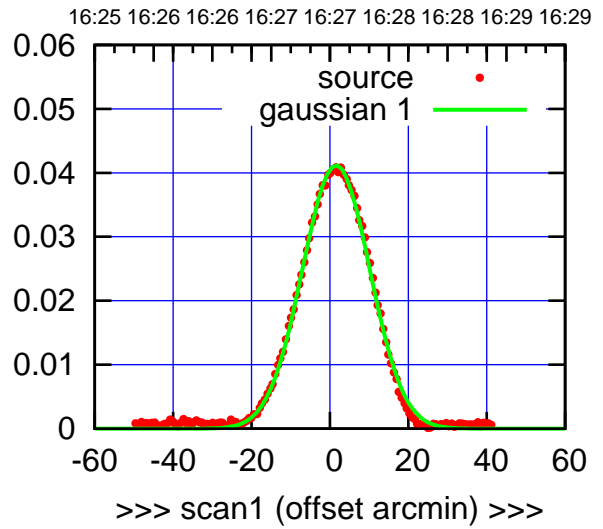
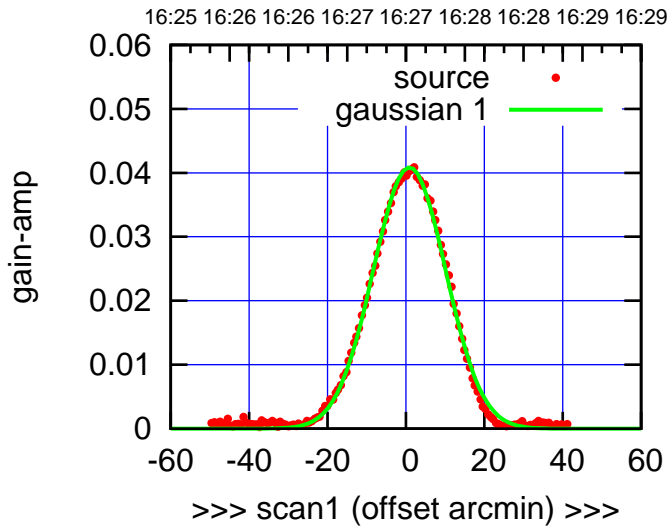
BACKLASH ERROR= -4.0'



(1460 MHz.)

E02-130-EL OFF= 0.9' (21.7')

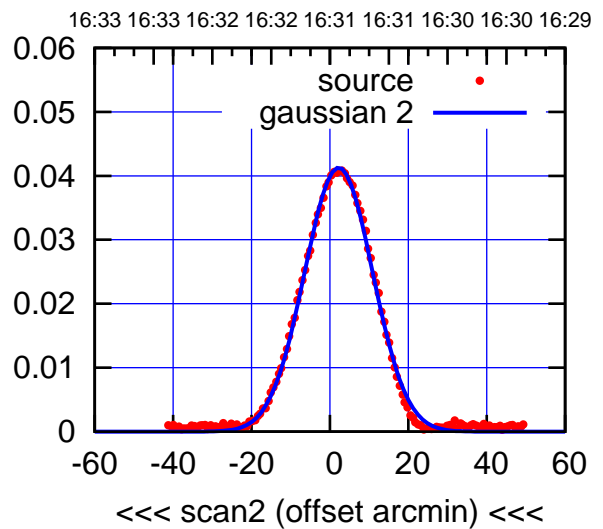
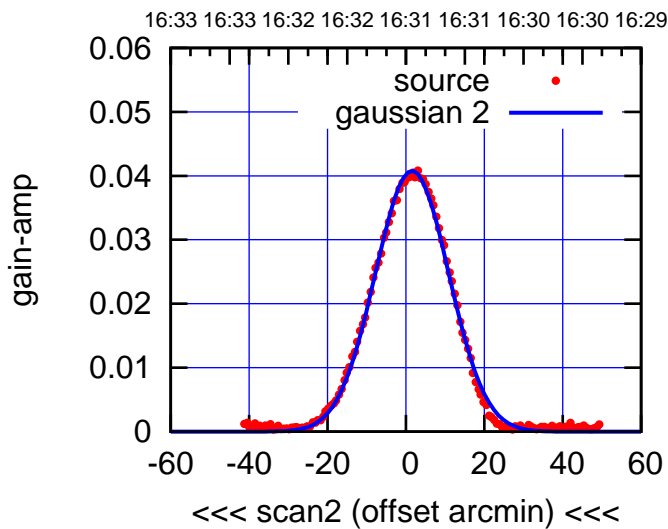
E02-175-EL OFF= 1.6' (20.2')



(+30'/m) 28Jan2023 16:27:30

E02-130-EL OFF= 1.6' (22.1')

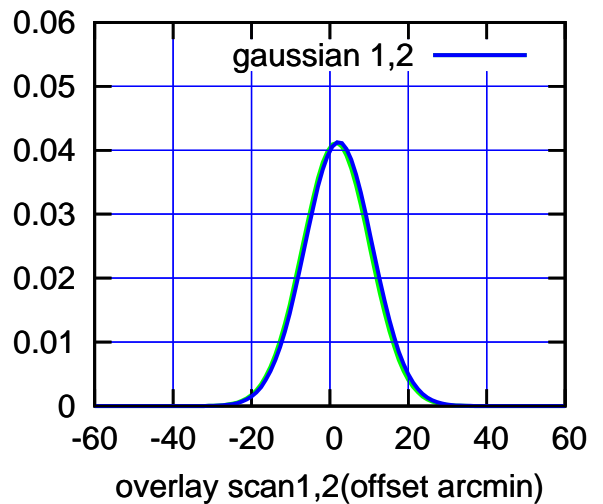
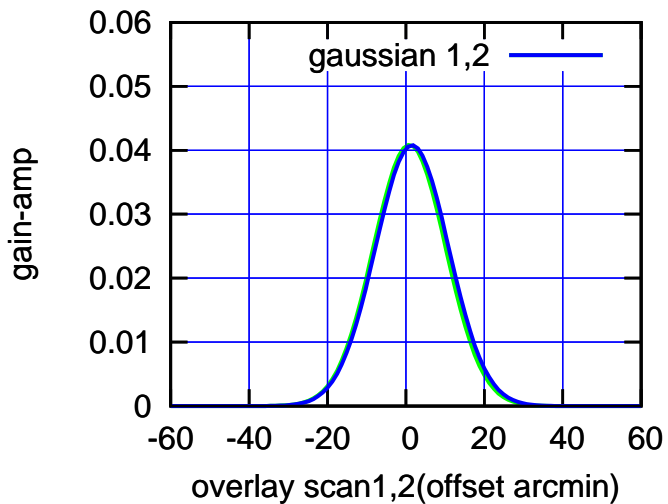
E02-175-EL OFF= 2.2' (20.3')



(-30'/m) 28Jan2023 16:31:30

BACKLASH ERROR= -0.7'

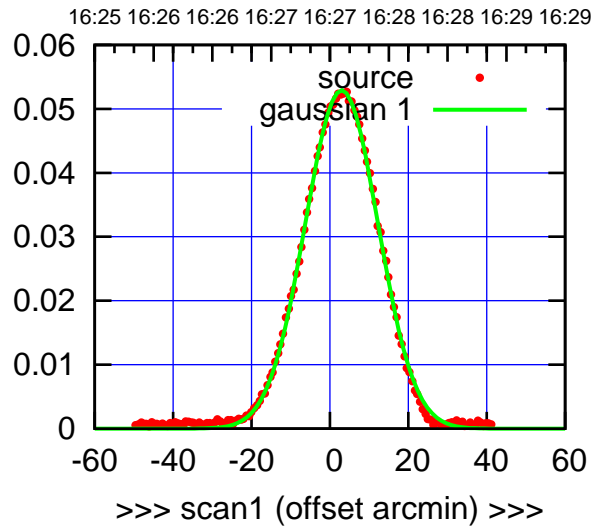
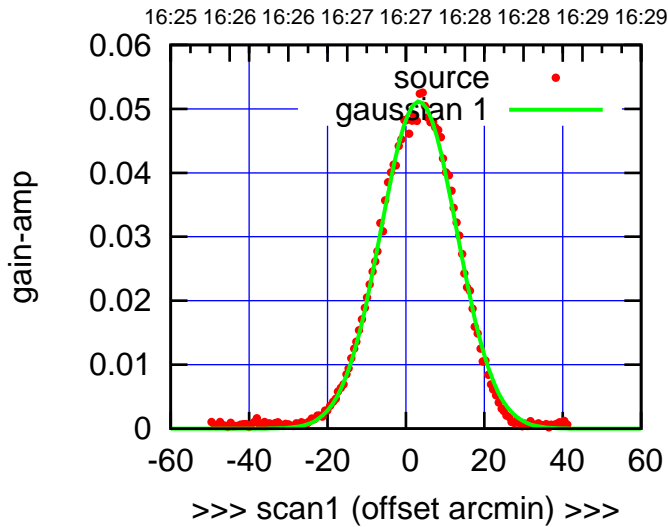
BACKLASH ERROR= -0.6'



(1460 MHz.)

E03-130-EL OFF= 3.3' (22.8')

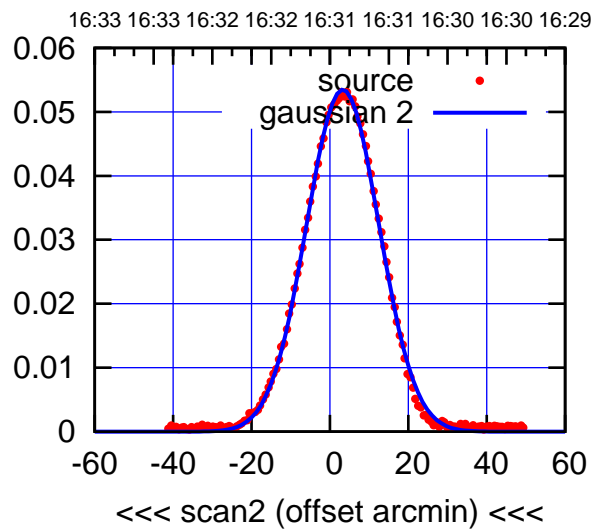
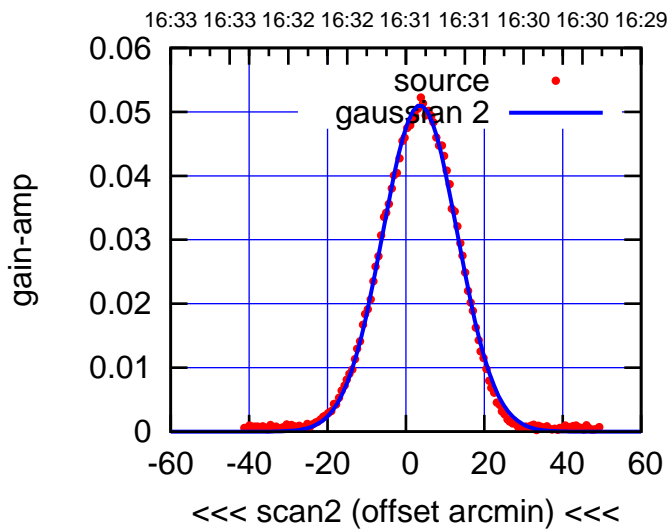
E03-175-EL OFF= 3.0' (21.8')



(+30'/m) 28Jan2023 16:27:30

E03-130-EL OFF= 3.6' (22.5')

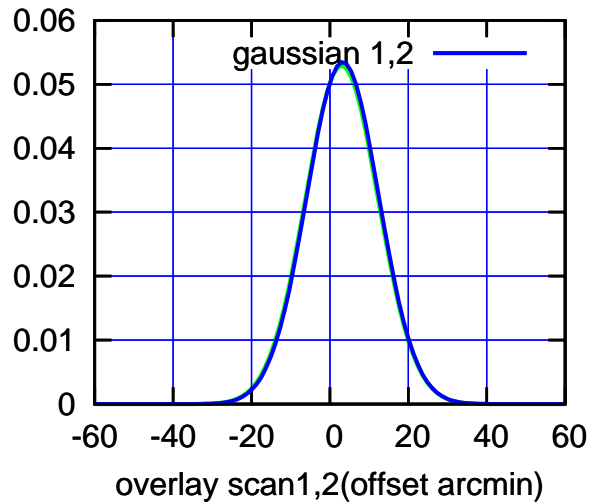
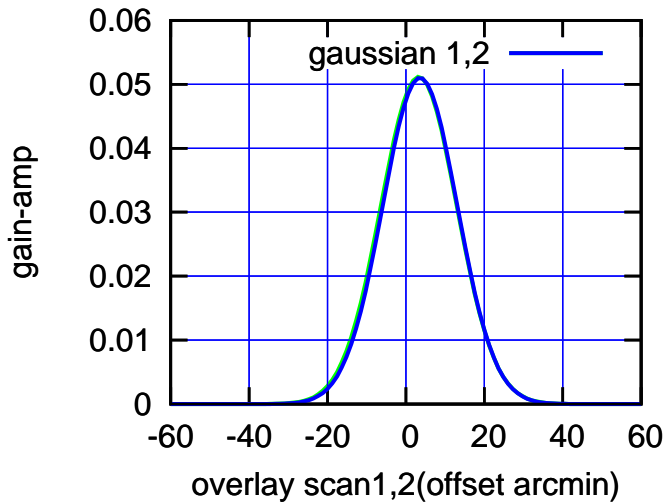
E03-175-EL OFF= 3.3' (21.7')



(-30'/m) 28Jan2023 16:31:30

BACKLASH ERROR= -0.3'

BACKLASH ERROR= -0.3'

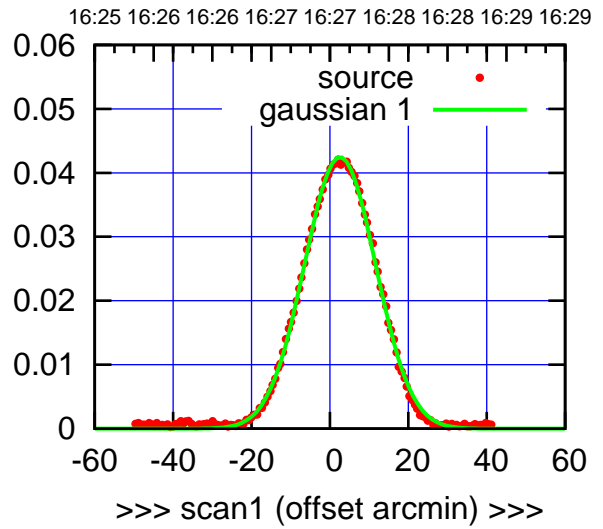
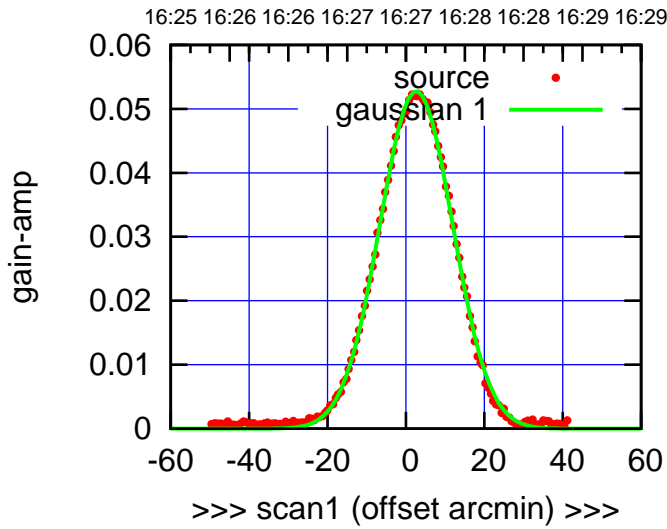


(1460 MHz.)



E04-130-EL OFF= 2.6' (21.8')

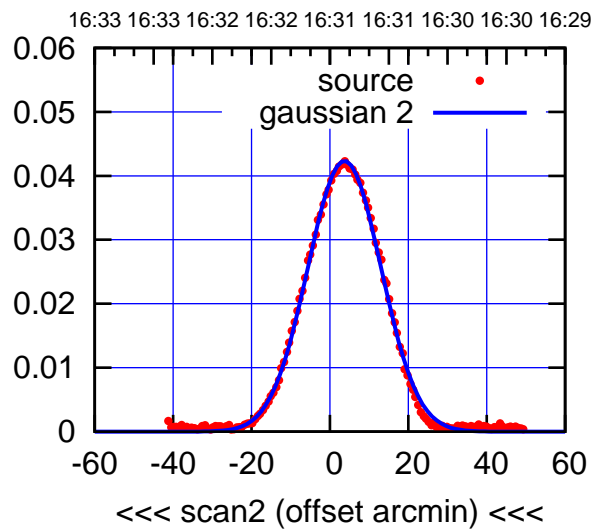
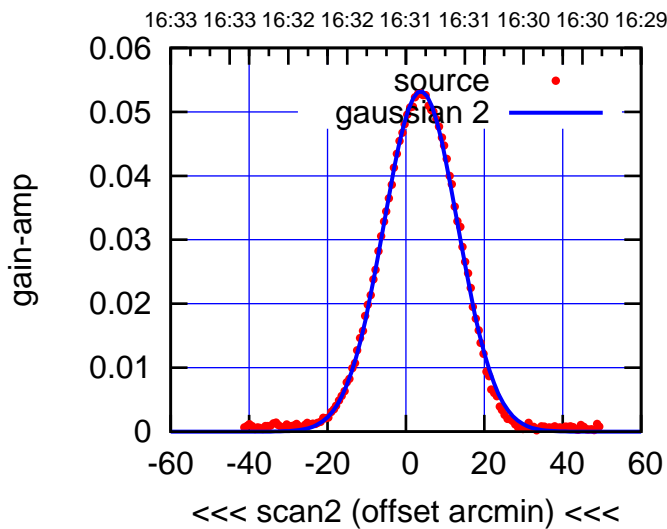
E04-175-EL OFF= 2.6' (21.3')



(+30'/m) 28Jan2023 16:27:30

E04-130-EL OFF= 3.8' (22.3')

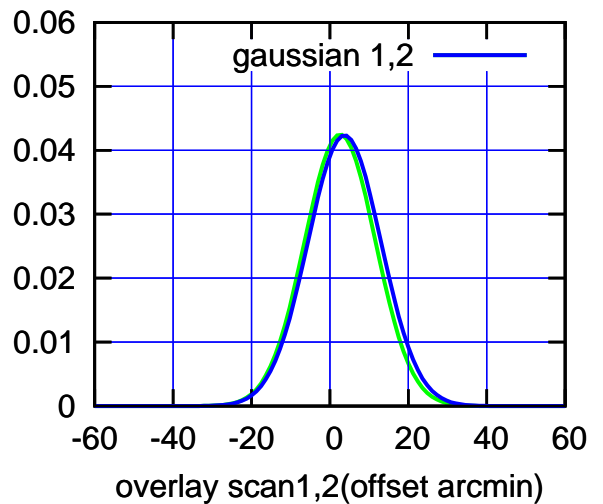
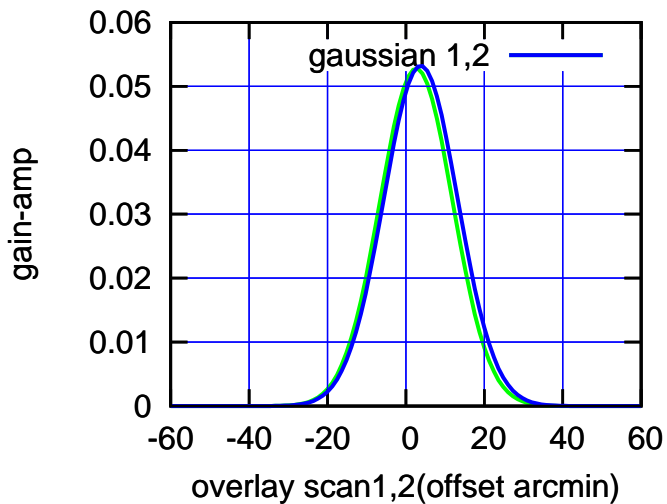
E04-175-EL OFF= 3.7' (22.0')



(-30'/m) 28Jan2023 16:31:30

BACKLASH ERROR= -1.2'

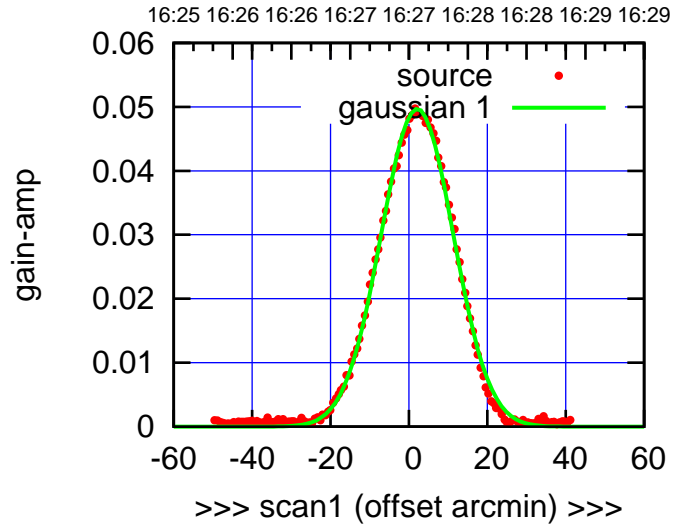
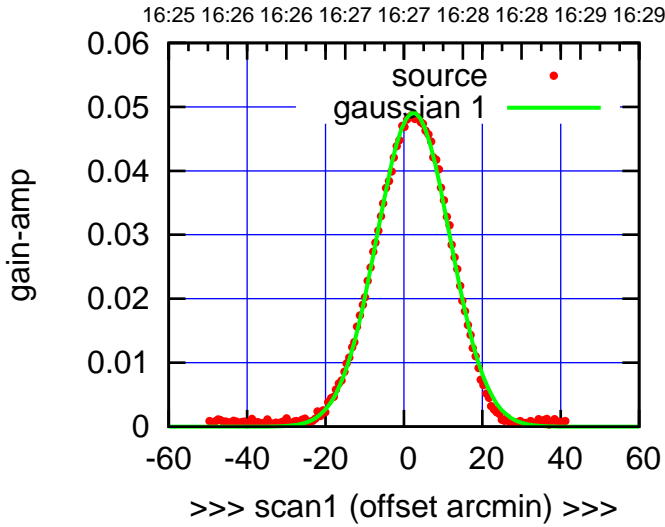
BACKLASH ERROR= -1.1'



(1460 MHz.)

E05-130-EL OFF= 2.4' (21.9')

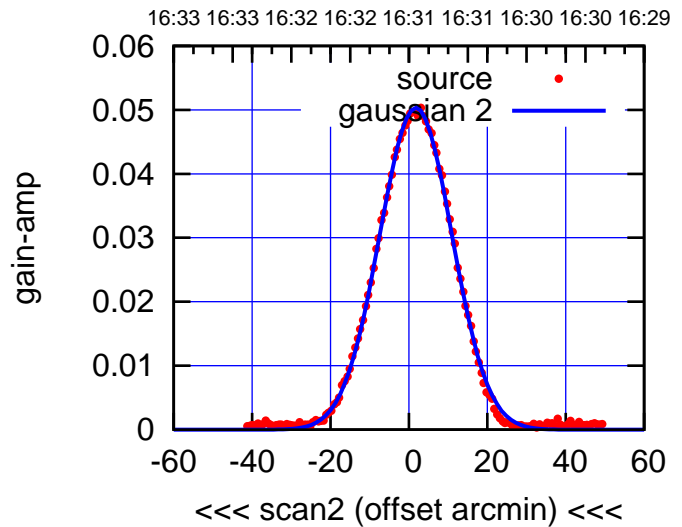
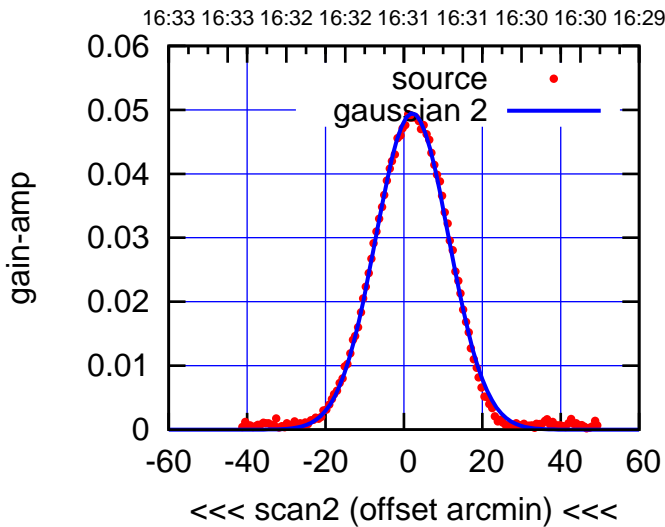
E05-175-EL OFF= 2.1' (21.6')



(+30'/m) 28Jan2023 16:27:30

E05-130-EL OFF= 2.1' (21.9')

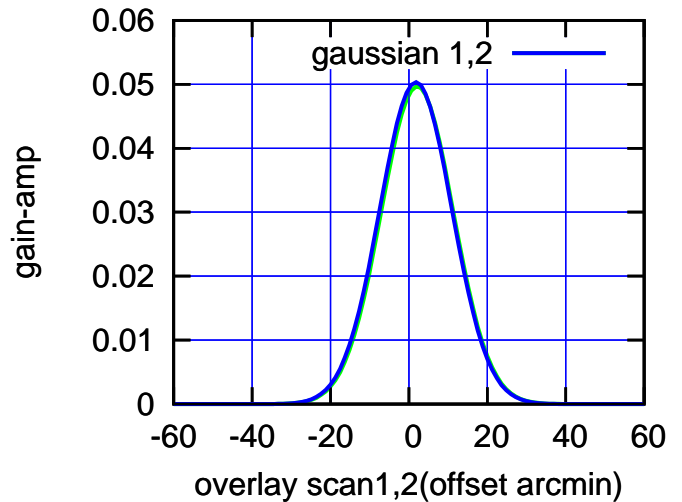
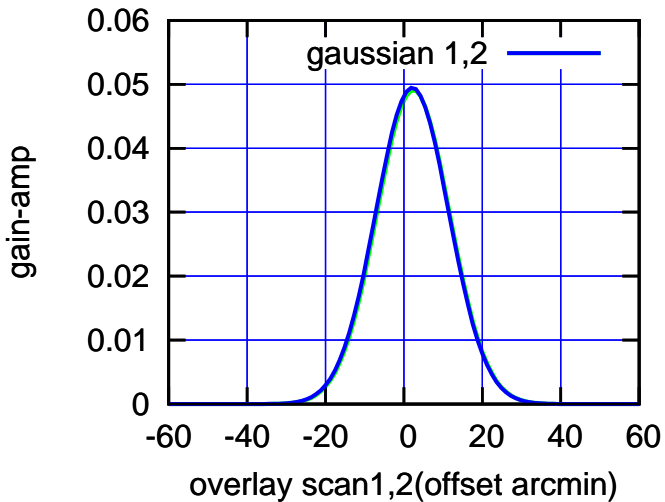
E05-175-EL OFF= 1.8' (21.7')



(-30'/m) 28Jan2023 16:31:30

BACKLASH ERROR= 0.3'

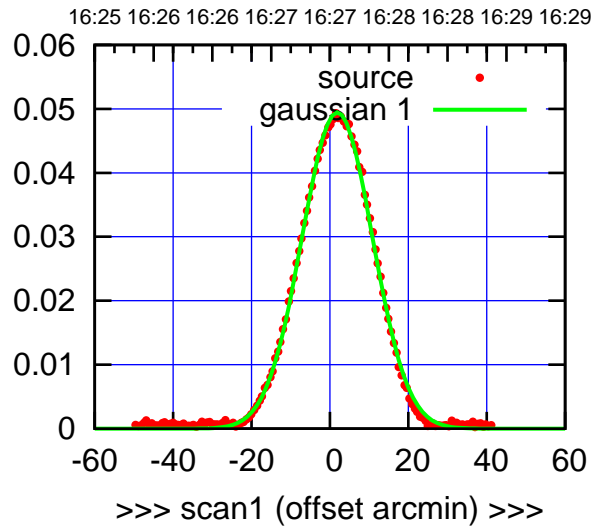
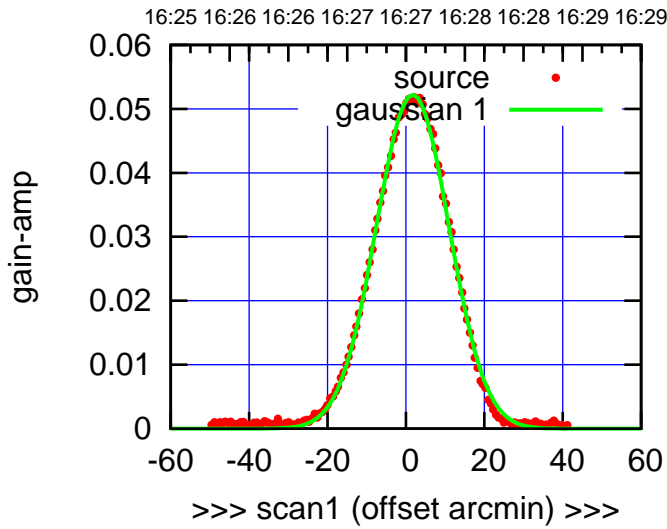
BACKLASH ERROR= 0.3'



(1460 MHz.)

E06-130-EL OFF= 1.7' (21.8')

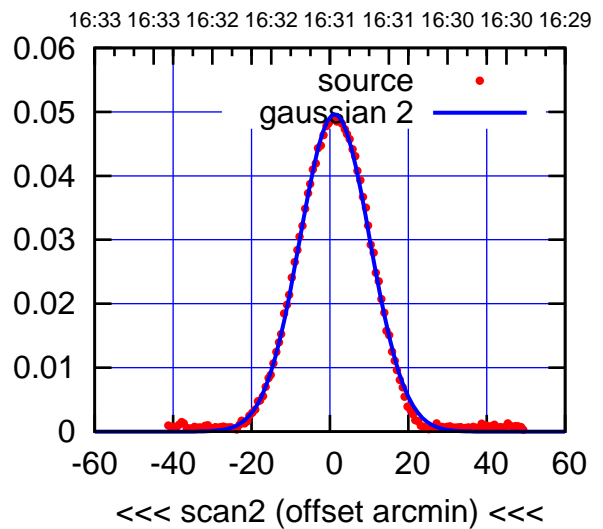
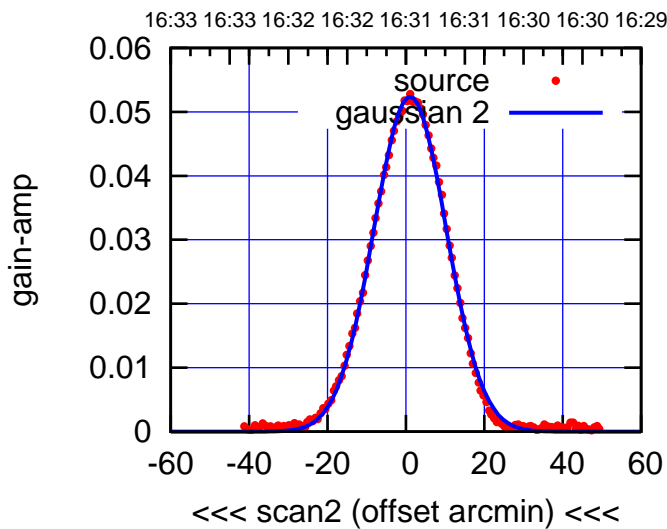
E06-175-EL OFF= 1.9' (21.1')



(+30'/m) 28Jan2023 16:27:30

E06-130-EL OFF= 1.1' (21.7')

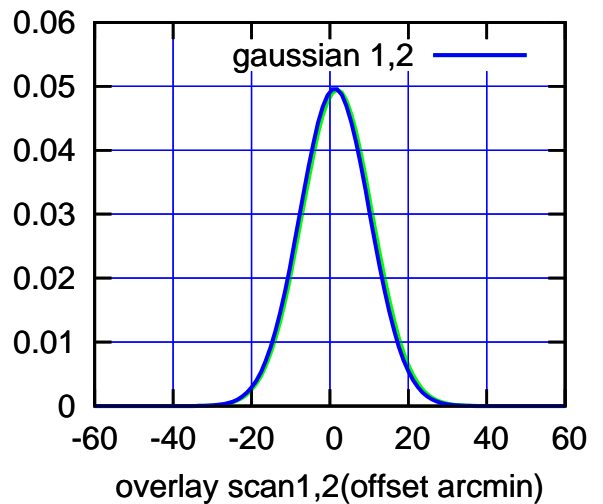
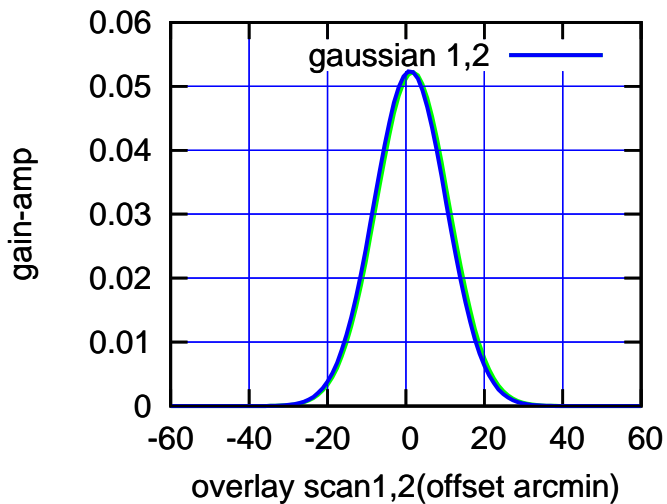
E06-175-EL OFF= 1.2' (21.0')



(-30'/m) 28Jan2023 16:31:30

BACKLASH ERROR= 0.6'

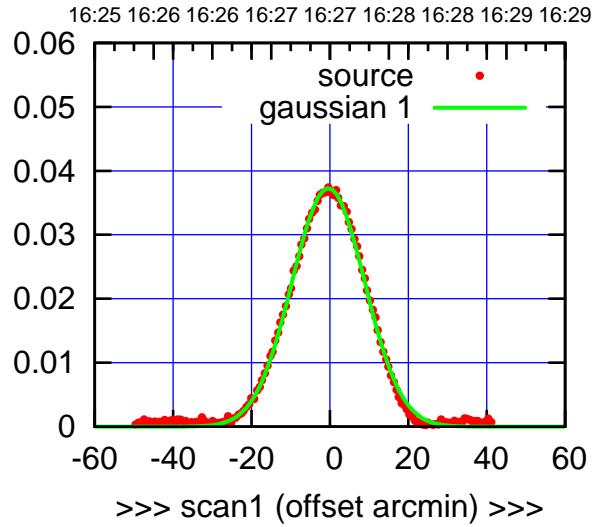
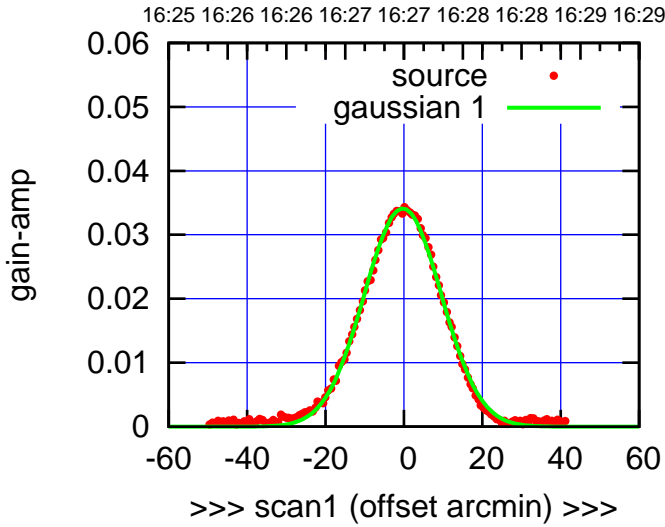
BACKLASH ERROR= 0.7'



(1460 MHz.)

S01-130-EL OFF= -0.3' ( 23.1')

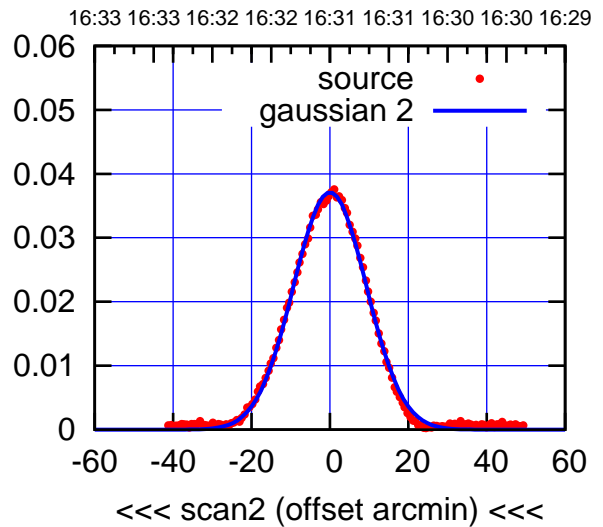
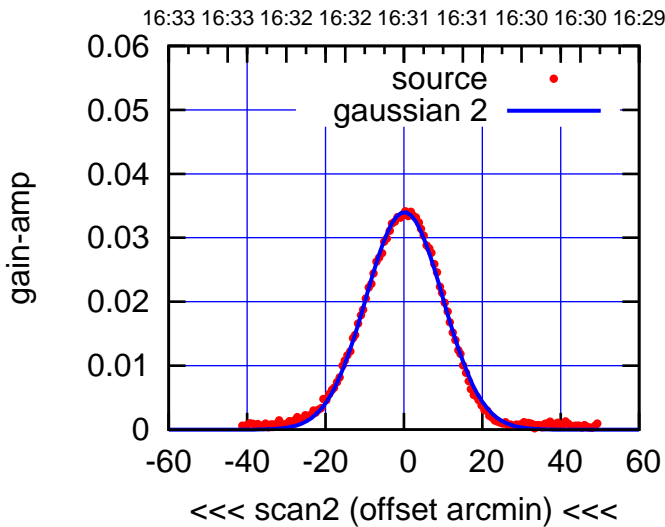
S01-175-EL OFF= -0.4' ( 21.9')



(+30'/m) 28Jan2023 16:27:30

S01-130-EL OFF= 0.1' ( 23.1')

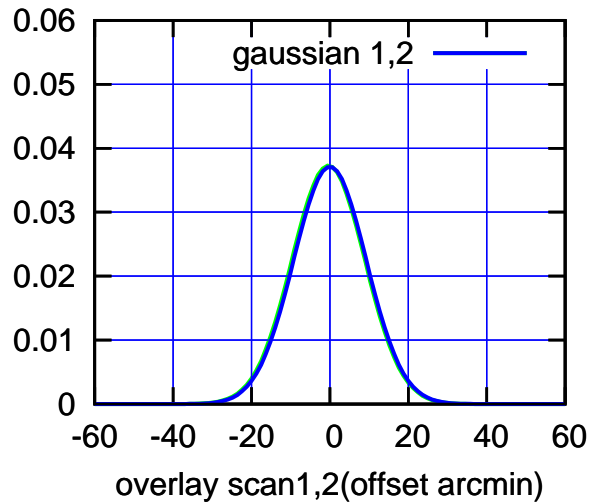
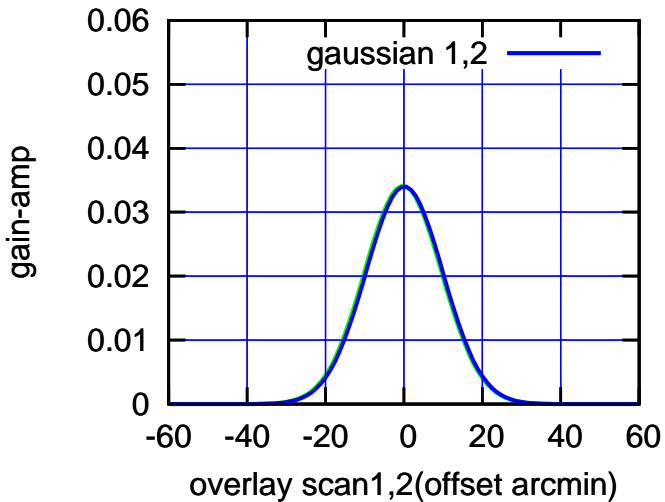
S01-175-EL OFF= 0.0' ( 21.8')



(-30'/m) 28Jan2023 16:31:30

BACKLASH ERROR= -0.4'

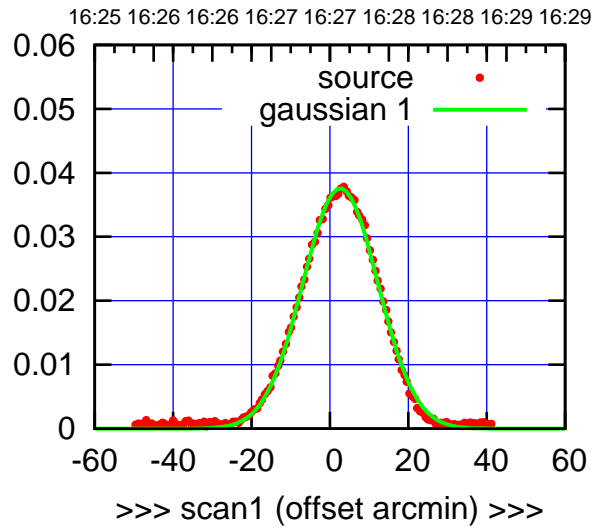
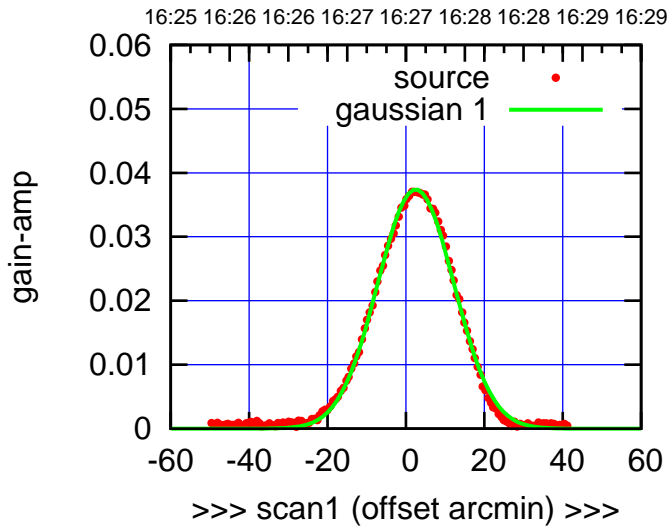
BACKLASH ERROR= -0.4'



(1460 MHz.)

S02-130-EL OFF= 2.5' (22.9')

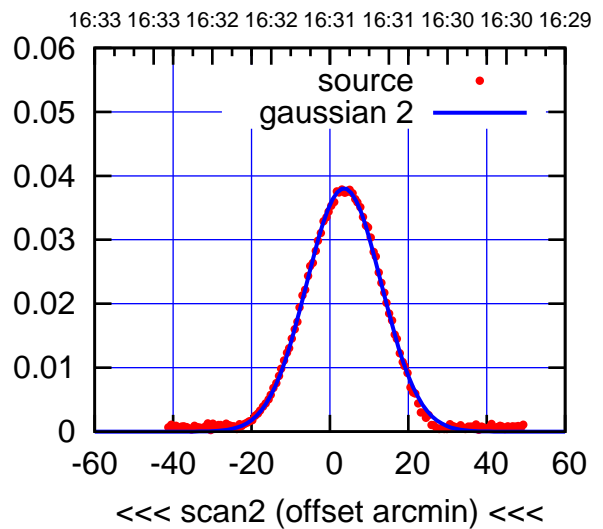
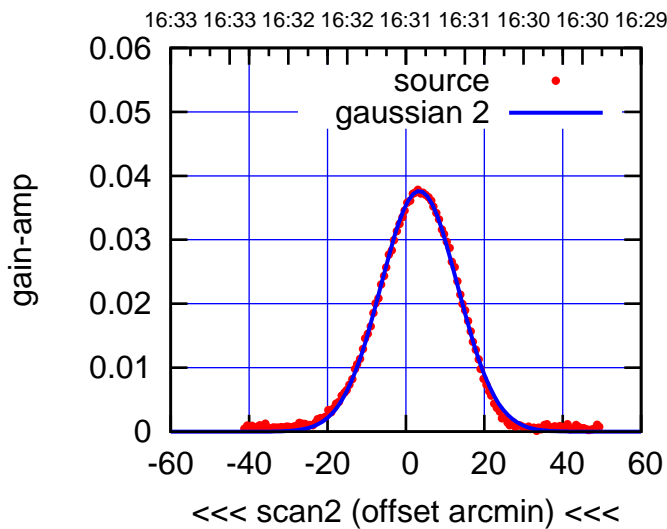
S02-175-EL OFF= 2.7' (22.5')



(+30'/m) 28Jan2023 16:27:30

S02-130-EL OFF= 3.4' (23.0')

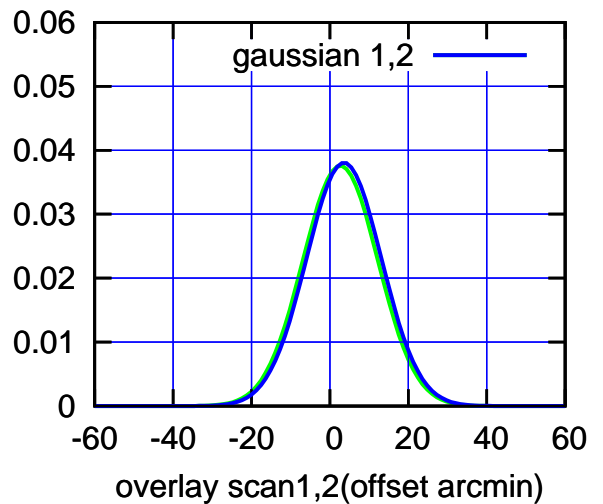
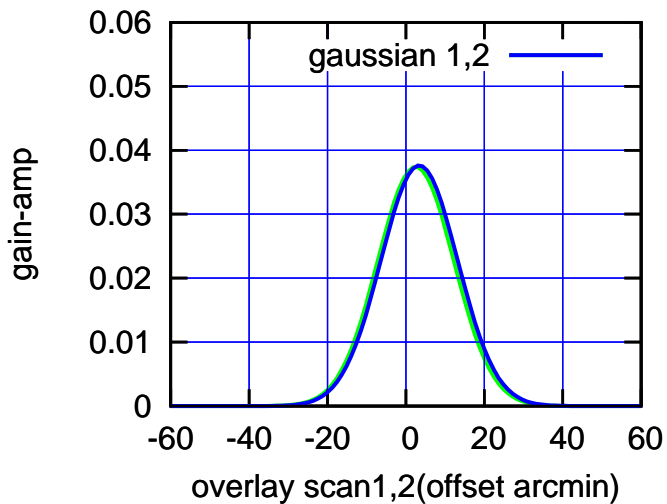
S02-175-EL OFF= 3.6' (22.5')



(-30'/m) 28Jan2023 16:31:30

BACKLASH ERROR= -0.9'

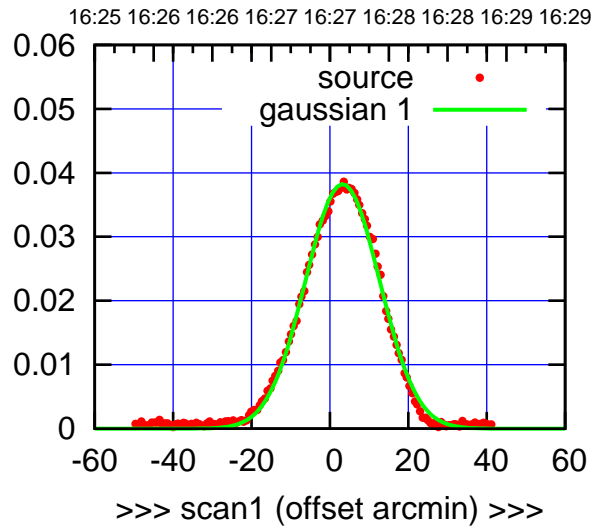
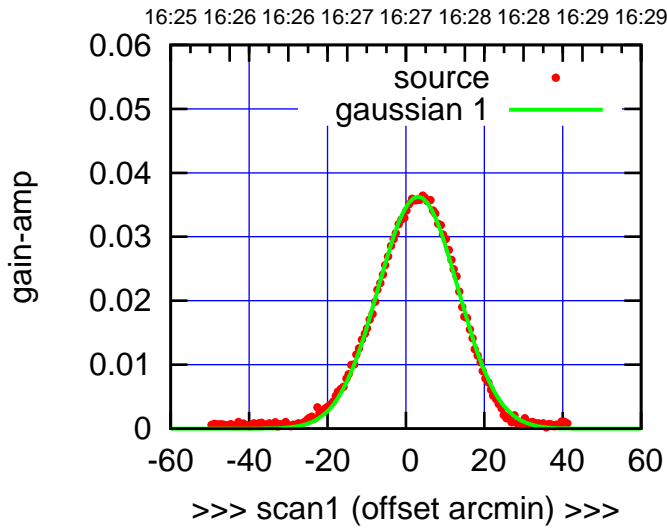
BACKLASH ERROR= -0.9'



(1460 MHz.)

S03-130-EL OFF= 3.1' (23.9')

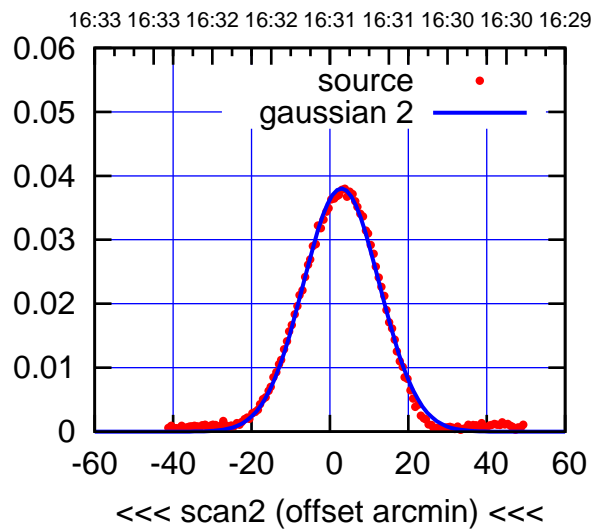
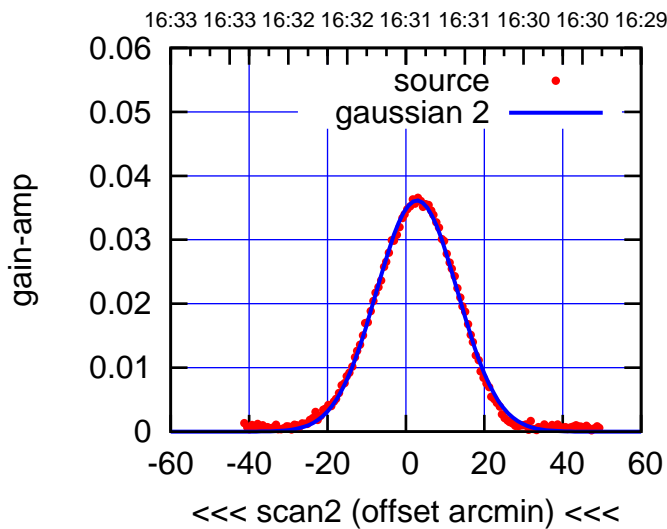
S03-175-EL OFF= 3.2' (22.2')



(+30'/m) 28Jan2023 16:27:30

S03-130-EL OFF= 2.8' (24.4')

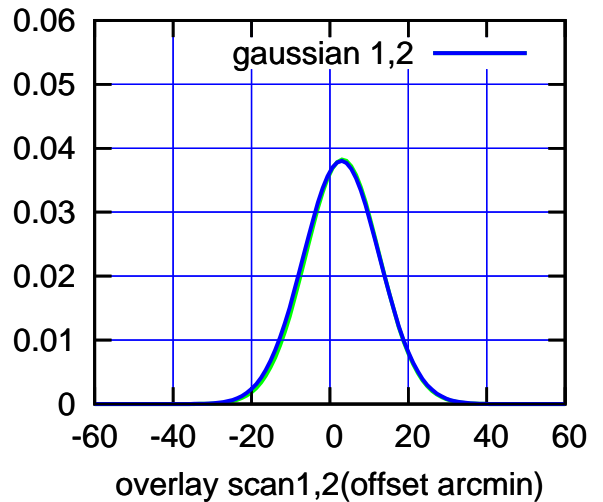
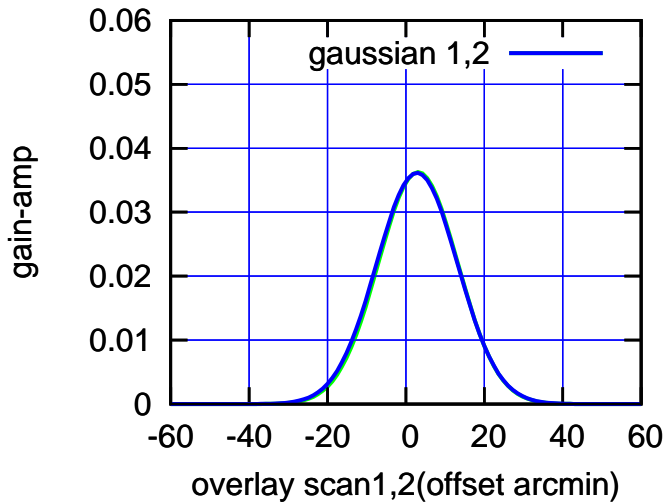
S03-175-EL OFF= 2.9' (22.9')



(-30'/m) 28Jan2023 16:31:30

BACKLASH ERROR= 0.3'

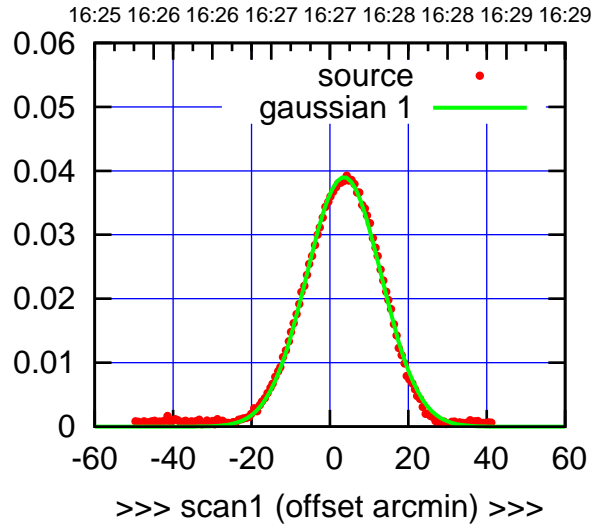
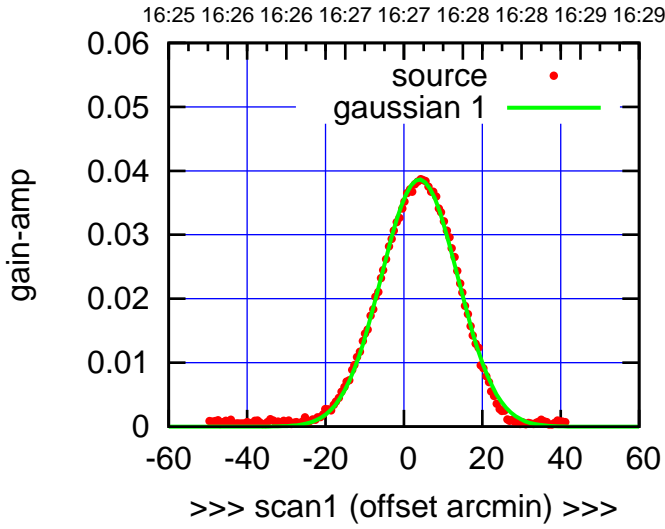
BACKLASH ERROR= 0.3'



(1460 MHz.)

S04-130-EL OFF= 4.0' ( 23.0')

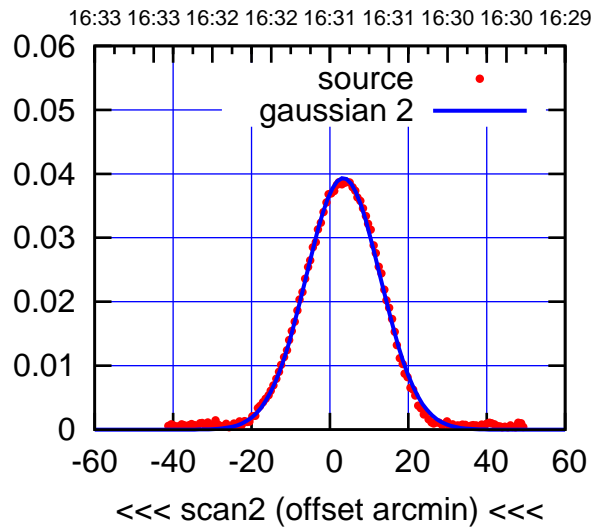
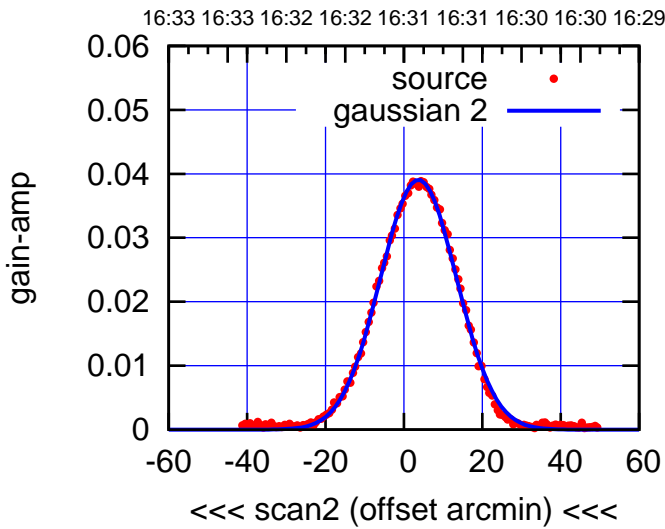
S04-175-EL OFF= 3.6' ( 22.4')



(+30'/m) 28Jan2023 16:27:30

S04-130-EL OFF= 3.7' ( 22.9')

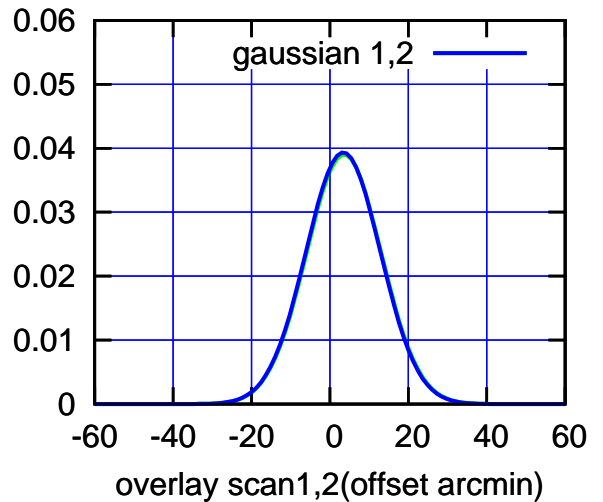
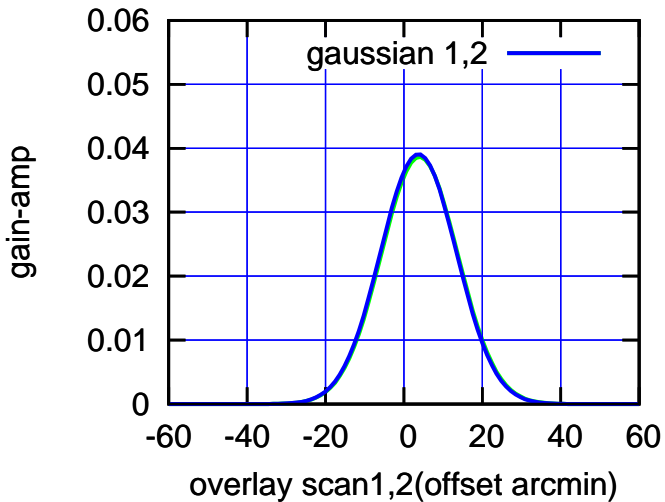
S04-175-EL OFF= 3.4' ( 22.3')



(-30'/m) 28Jan2023 16:31:30

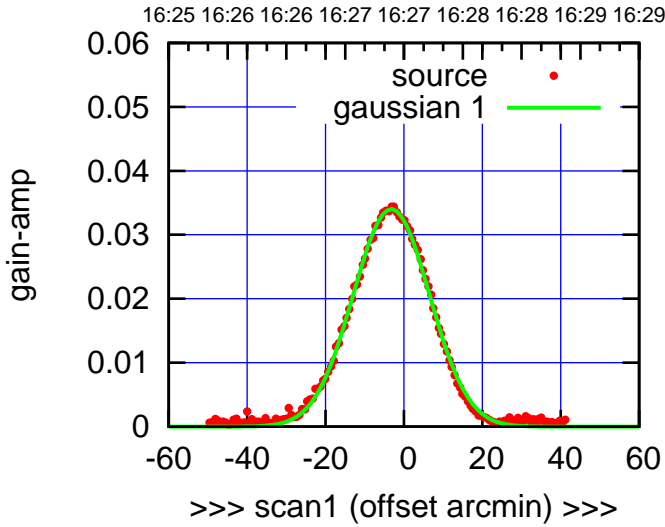
BACKLASH ERROR= 0.3'

BACKLASH ERROR= 0.2'

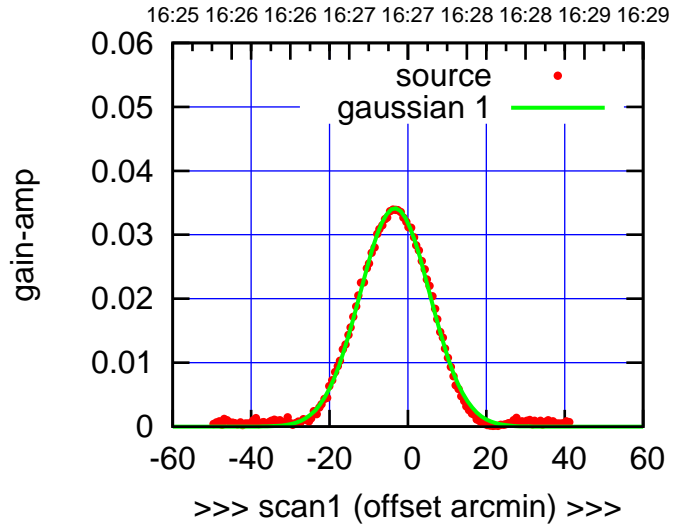


(1460 MHz.)

S06-130-EL OFF= -3.2' ( 22.9')

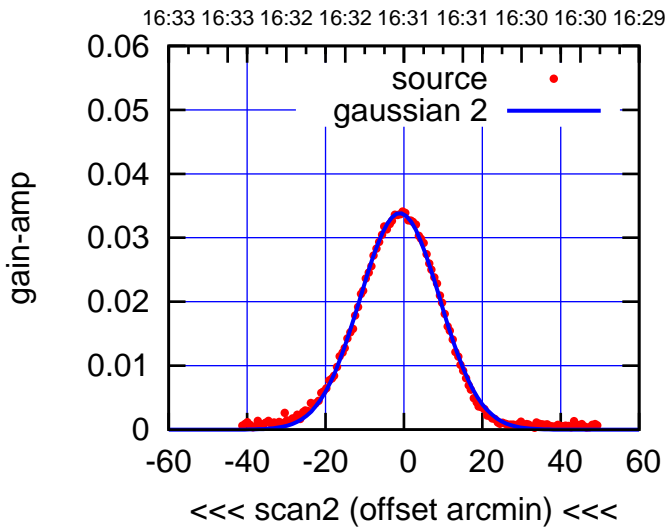


S06-175-EL OFF= -3.3' ( 21.0')

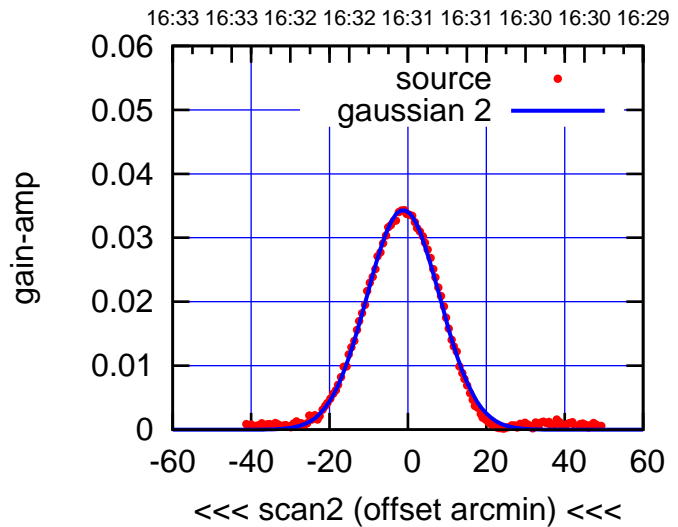


(+30'/m) 28Jan2023 16:27:30

S06-130-EL OFF= -1.0' ( 23.9')

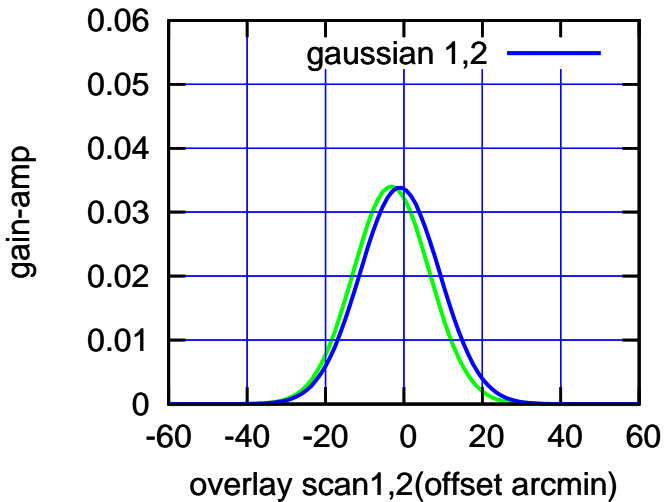


S06-175-EL OFF= -1.2' ( 21.9')

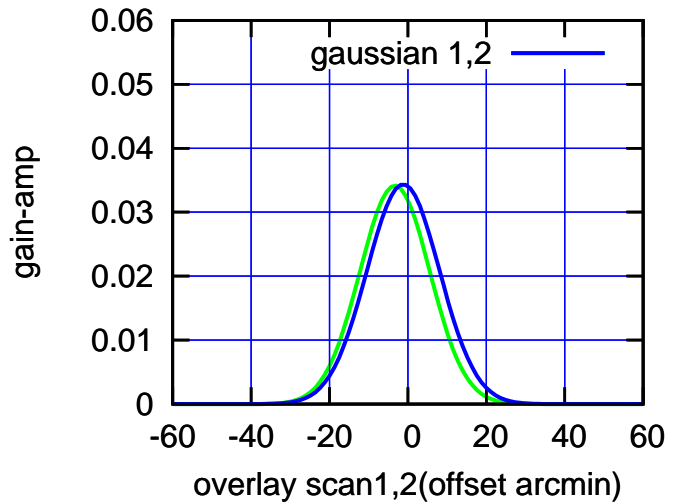


(-30'/m) 28Jan2023 16:31:30

BACKLASH ERROR= -2.2'



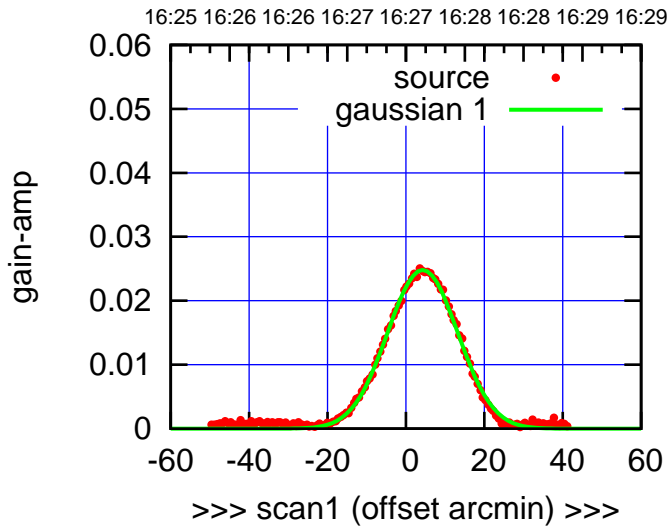
BACKLASH ERROR= -2.1'



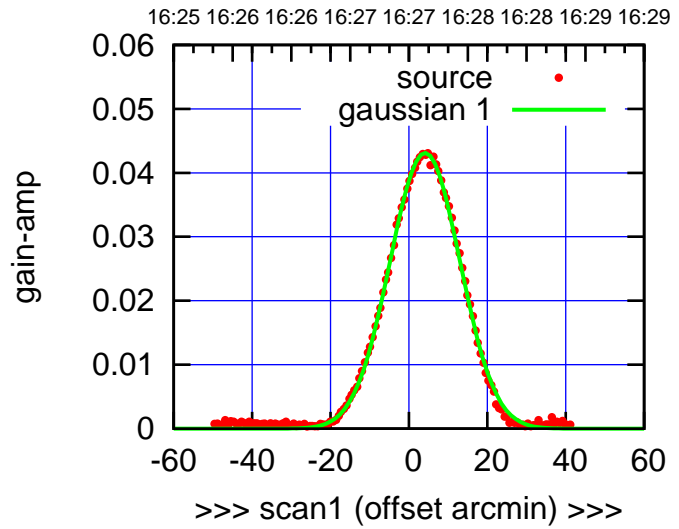
(1460 MHz.)



W01-130-EL OFF= 4.3' ( 21.0')

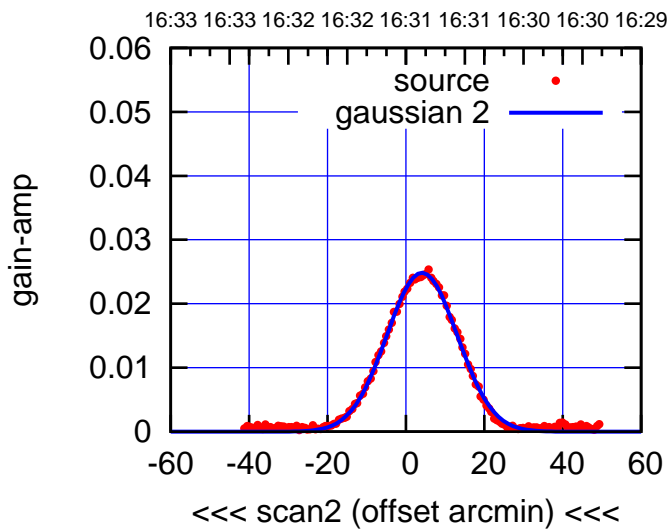


W01-175-EL OFF= 4.1' ( 21.0')

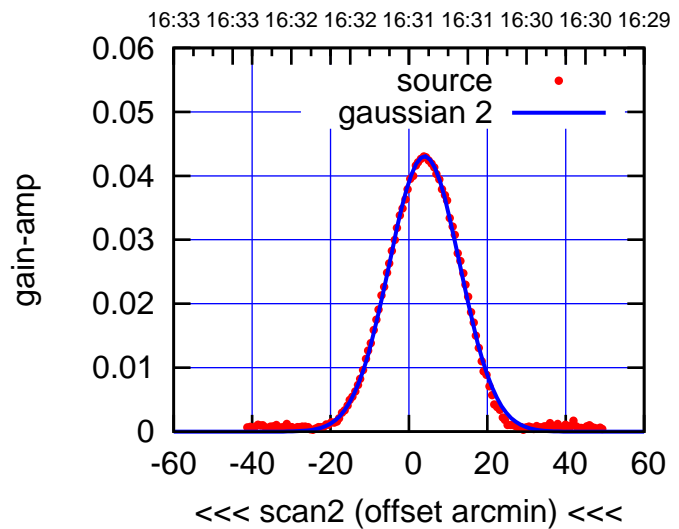


(+30'/m) 28Jan2023 16:27:30

W01-130-EL OFF= 4.1' ( 21.1')

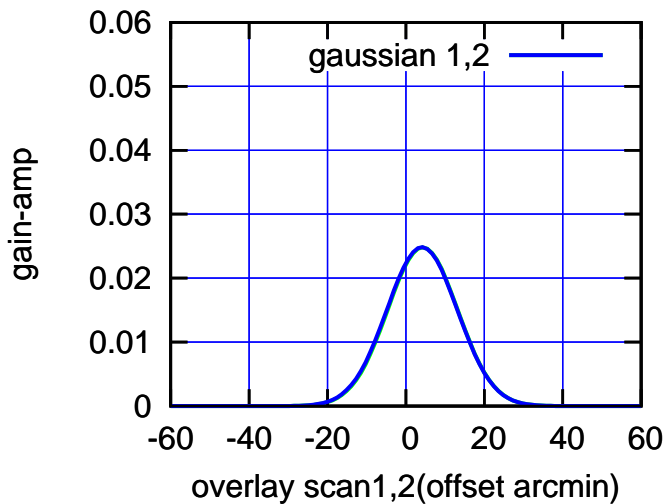


W01-175-EL OFF= 4.0' ( 21.2')

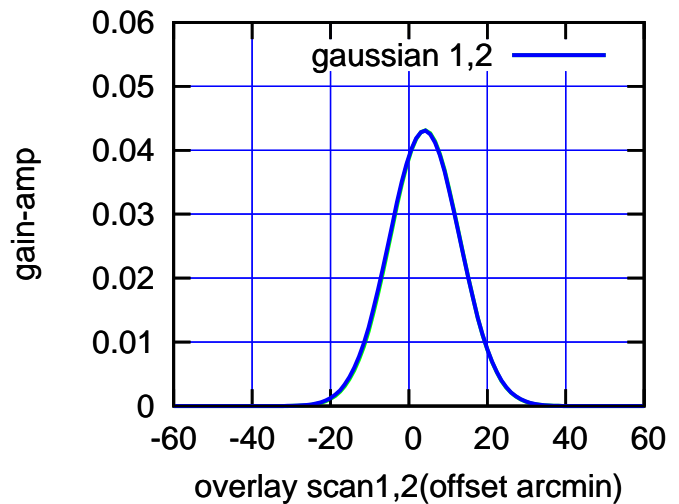


(-30'/m) 28Jan2023 16:31:30

BACKLASH ERROR= 0.2'



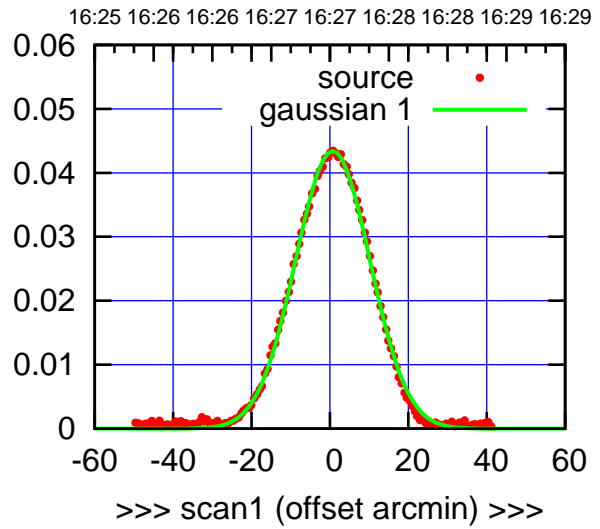
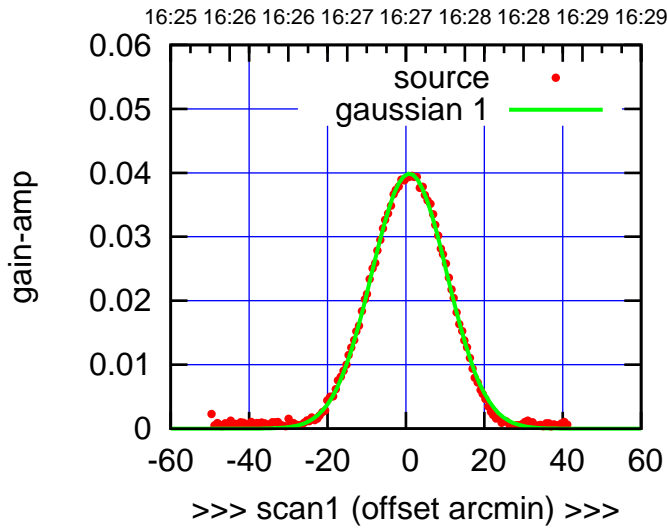
BACKLASH ERROR= 0.1'



(1460 MHz.)

W02-130-EL OFF= 0.9' ( 22.7')

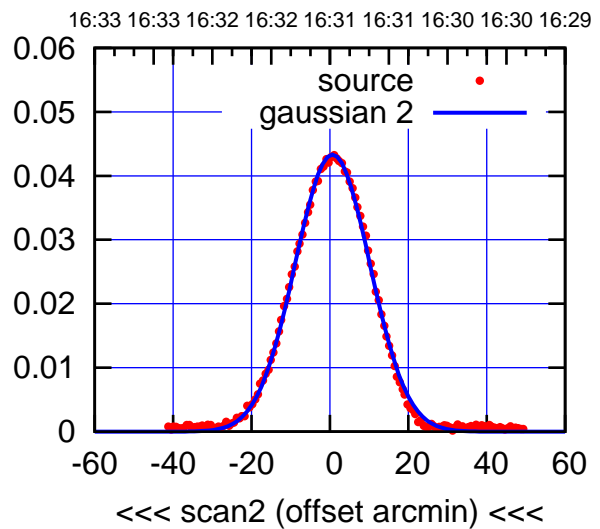
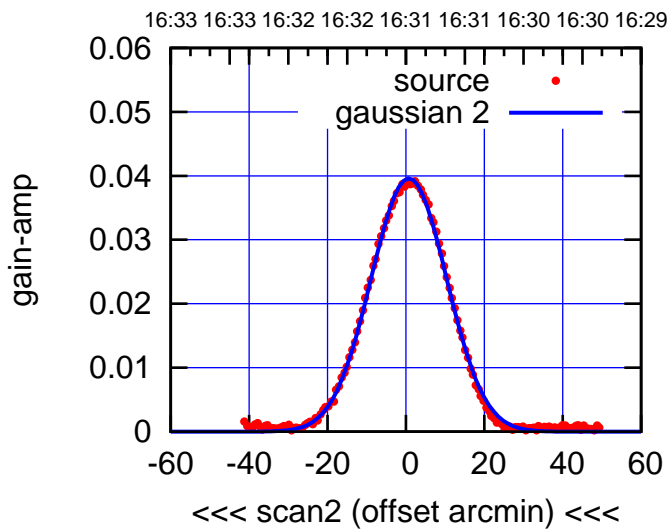
W02-175-EL OFF= 0.7' ( 22.4')



(+30'/m) 28Jan2023 16:27:30

W02-130-EL OFF= 0.7' ( 22.6')

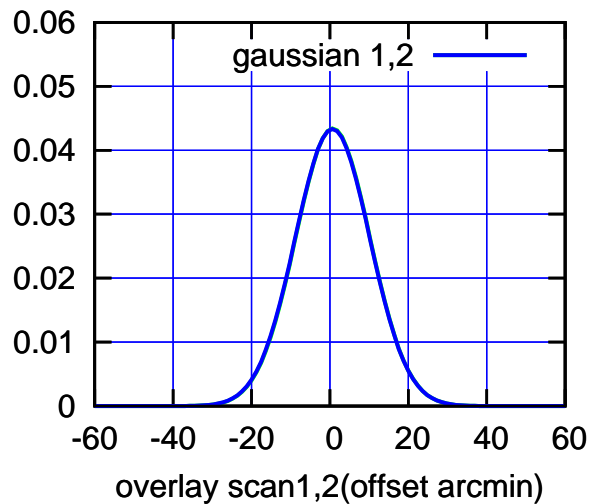
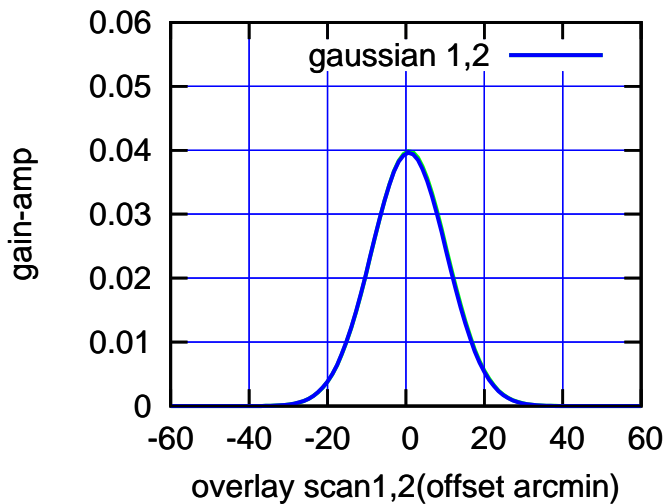
W02-175-EL OFF= 0.7' ( 22.4')



(-30'/m) 28Jan2023 16:31:30

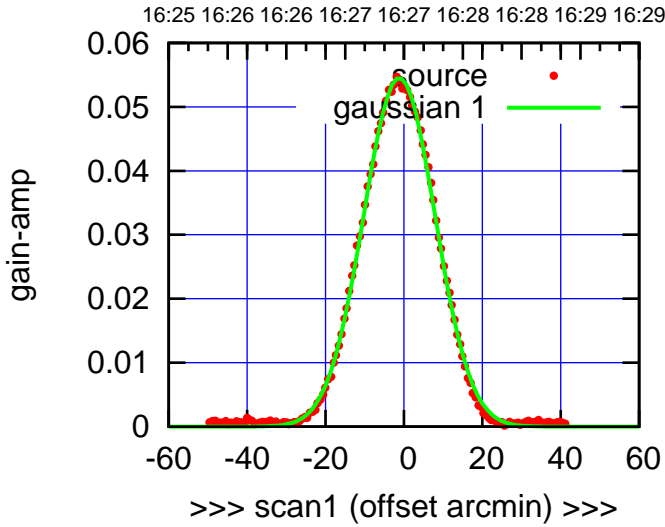
BACKLASH ERROR= 0.2'

BACKLASH ERROR= 0.0'

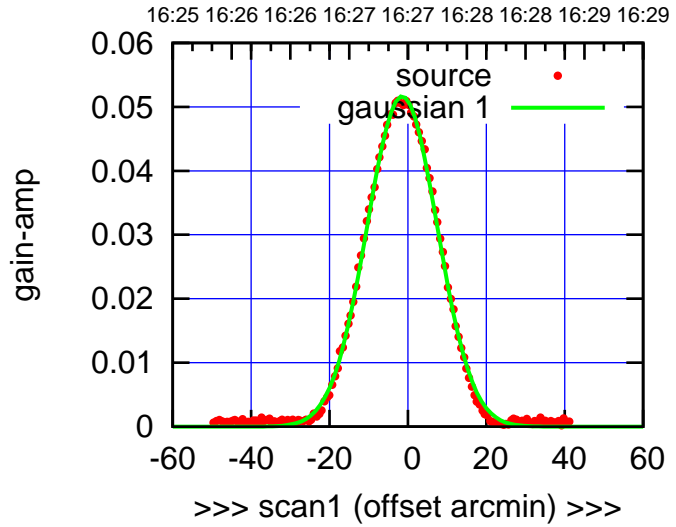


(1460 MHz.)

W03-130-EL OFF= -1.2' ( 21.4')

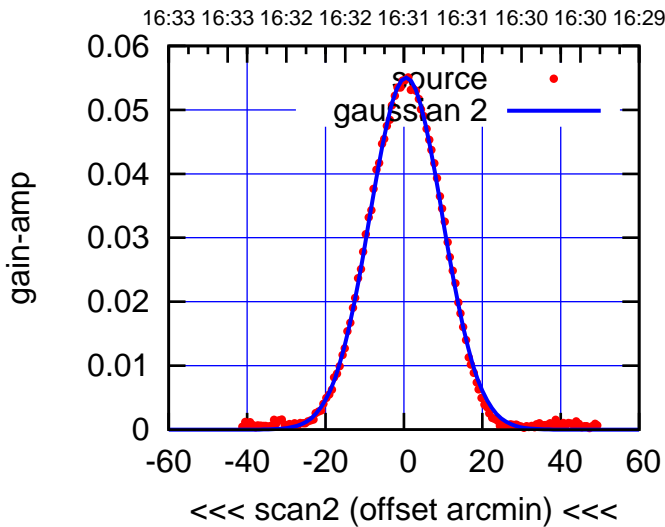


W03-175-EL OFF= -1.5' ( 21.1')

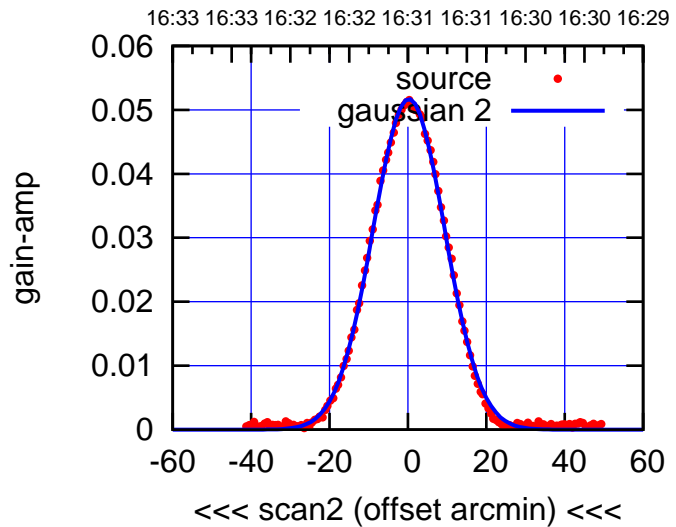


(+30'/m) 28Jan2023 16:27:30

W03-130-EL OFF= 0.6' ( 21.8')

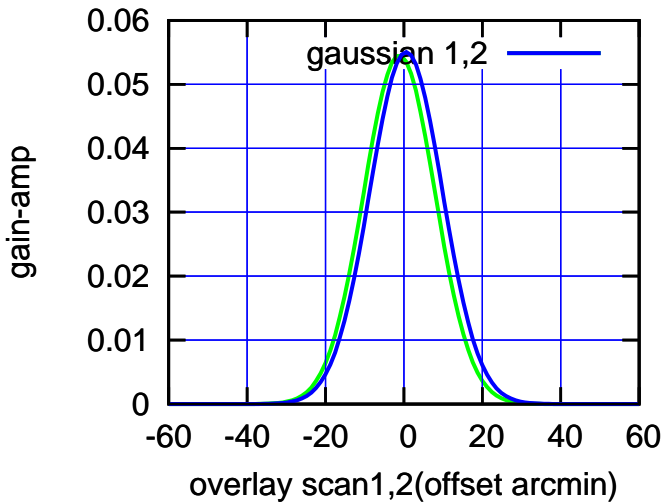


W03-175-EL OFF= 0.2' ( 21.5')

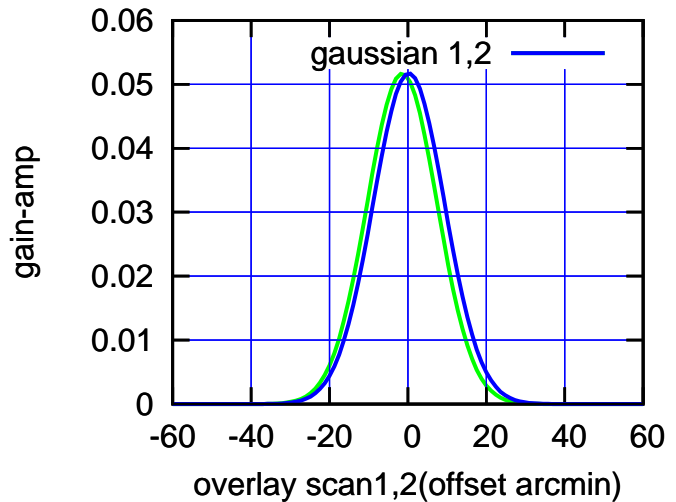


(-30'/m) 28Jan2023 16:31:30

BACKLASH ERROR= -1.8'



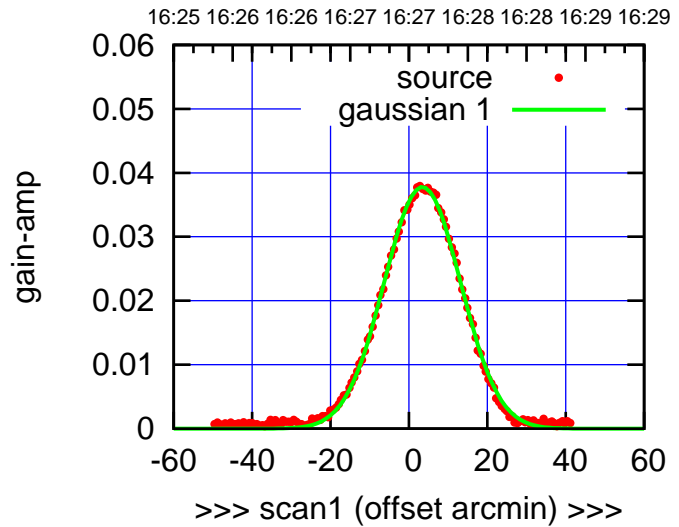
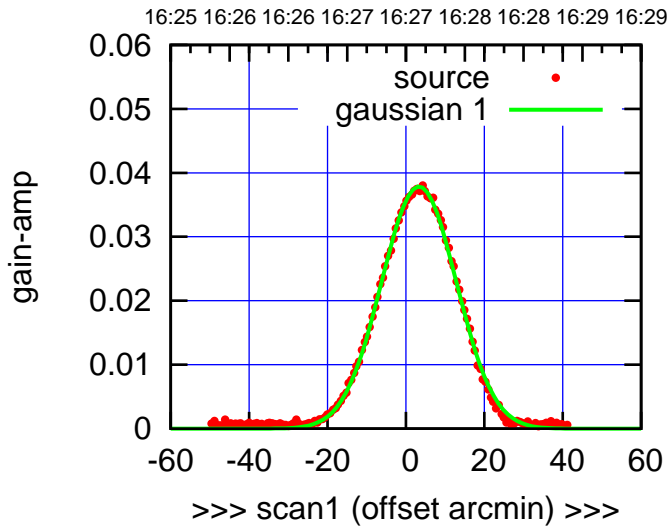
BACKLASH ERROR= -1.7'



(1460 MHz.)

W04-130-EL OFF= 3.3' ( 22.4')

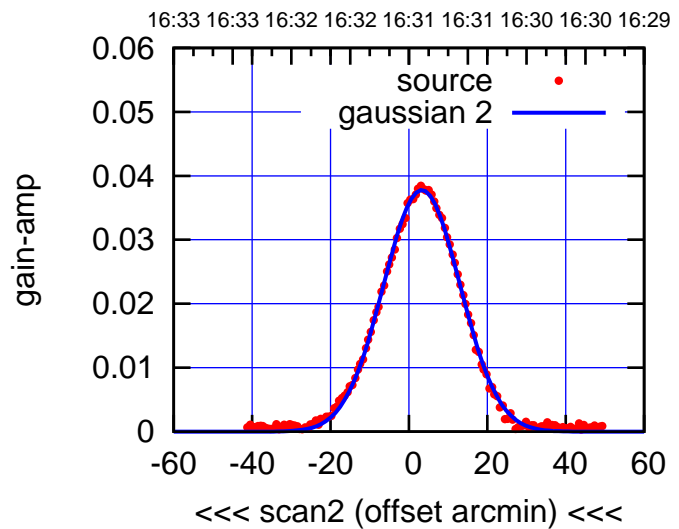
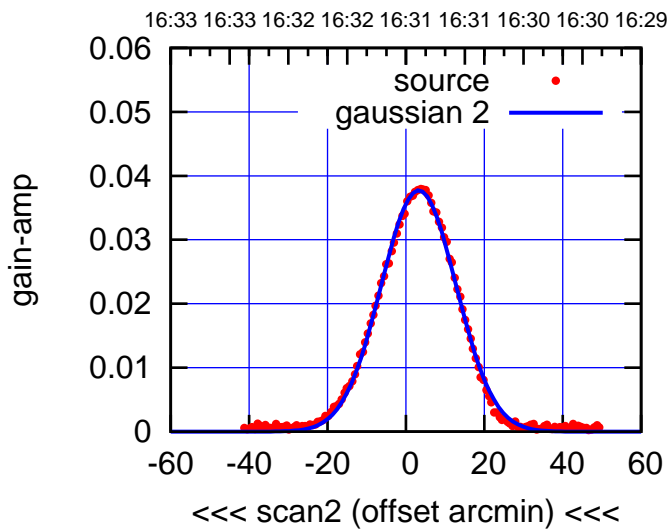
W04-175-EL OFF= 3.4' ( 22.9')



(+30'/m) 28Jan2023 16:27:30

W04-130-EL OFF= 3.2' ( 22.5')

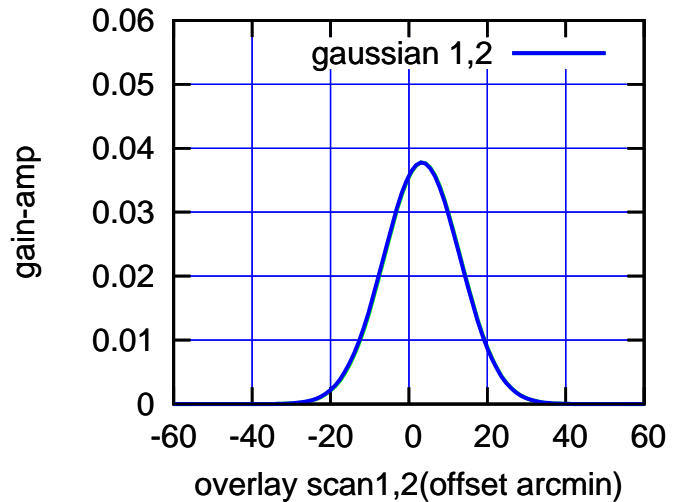
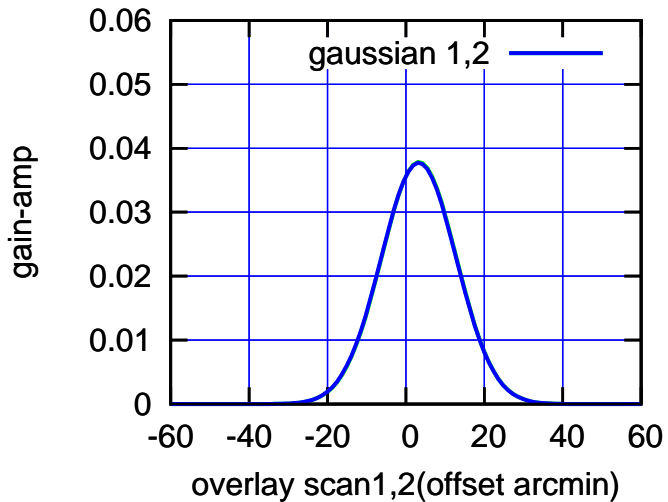
W04-175-EL OFF= 3.3' ( 23.0')



(-30'/m) 28Jan2023 16:31:30

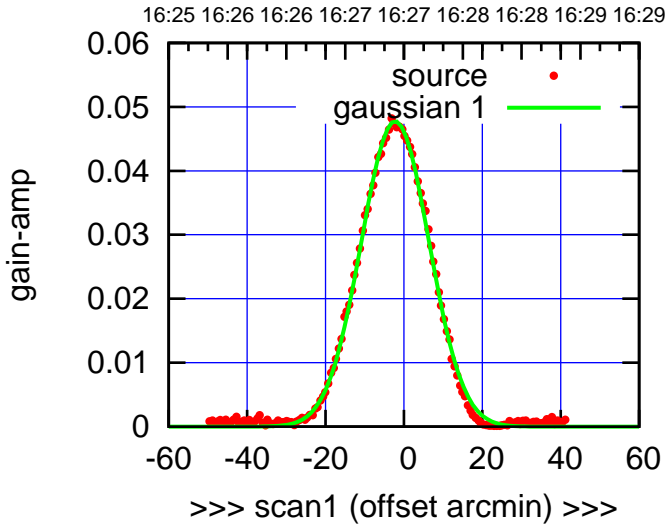
BACKLASH ERROR= 0.1'

BACKLASH ERROR= 0.1'

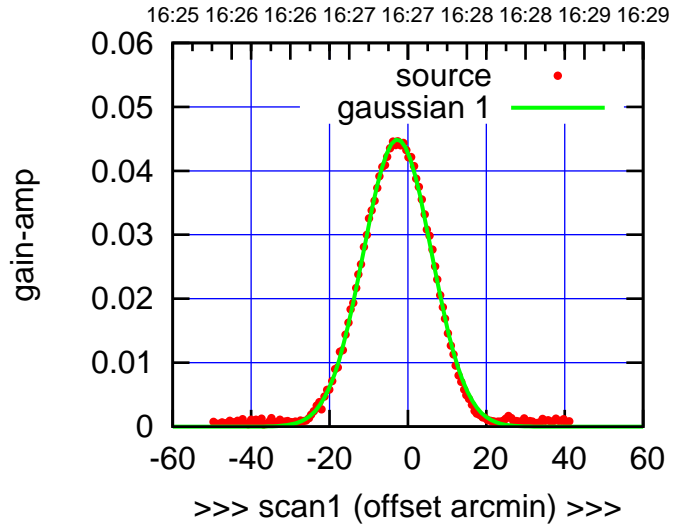


(1460 MHz.)

W05-130-EL OFF= -2.2' ( 20.3')

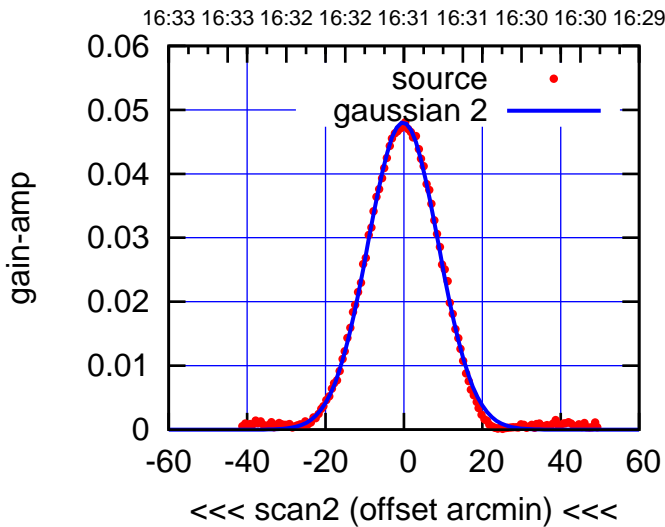


W05-175-EL OFF= -2.7' ( 20.5')

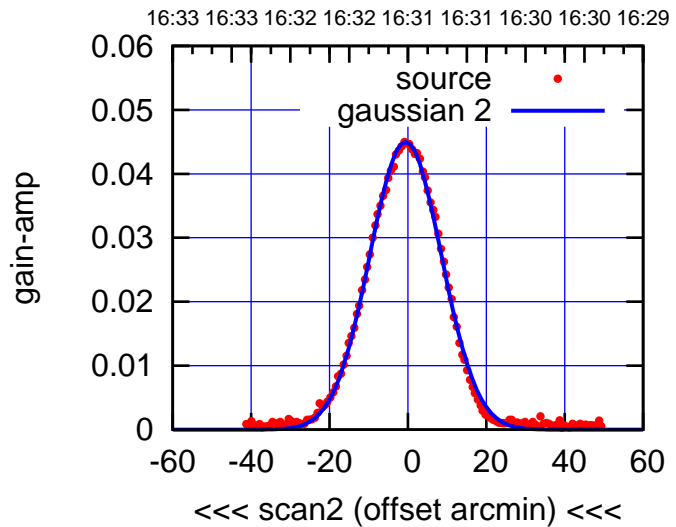


(+30'/m) 28Jan2023 16:27:30

W05-130-EL OFF= -0.2' ( 21.1')

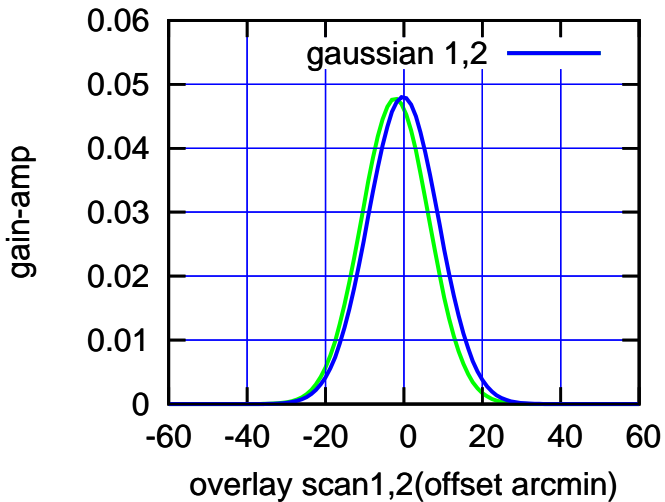


W05-175-EL OFF= -0.6' ( 21.5')

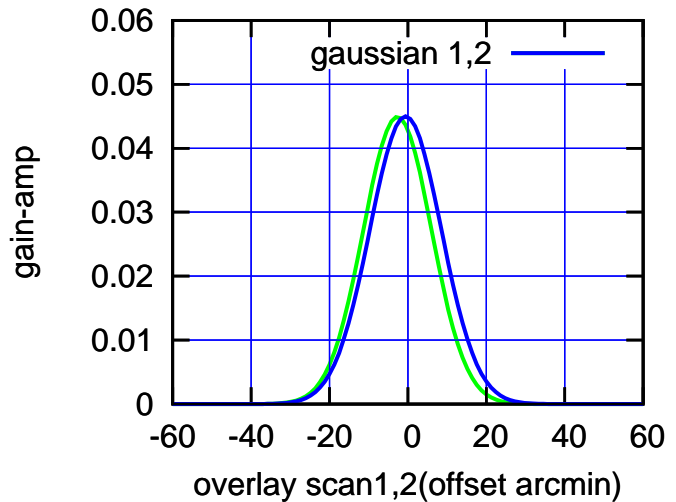


(-30'/m) 28Jan2023 16:31:30

BACKLASH ERROR= -2.0'



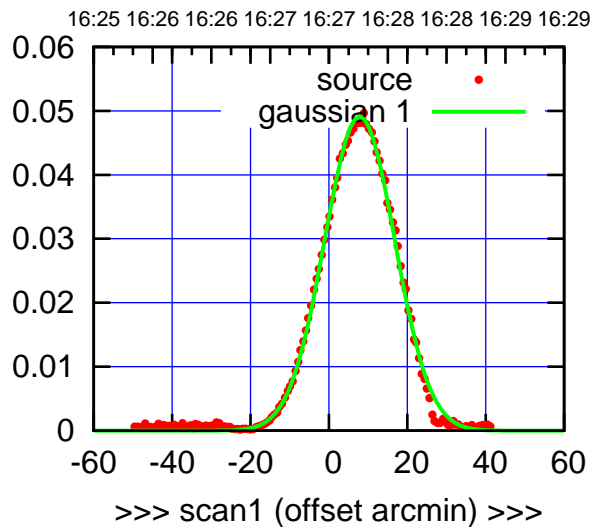
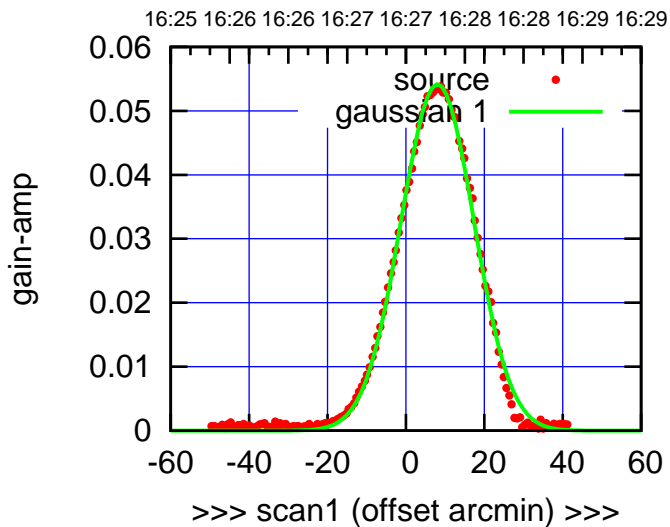
BACKLASH ERROR= -2.1'



(1460 MHz.)

W06-130-EL OFF= 8.1' ( 21.9')

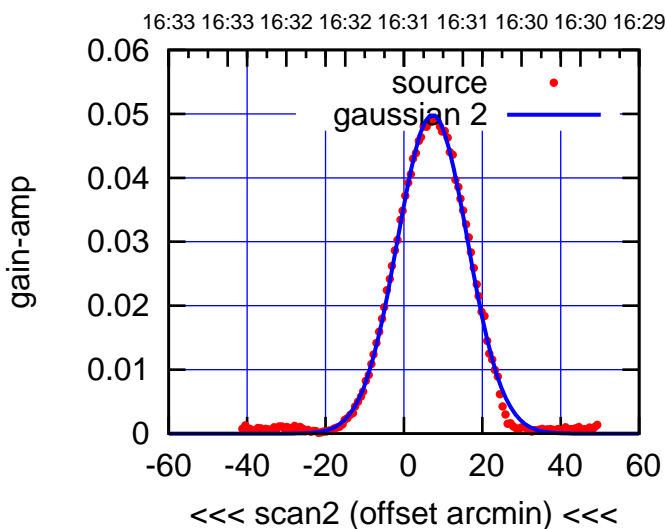
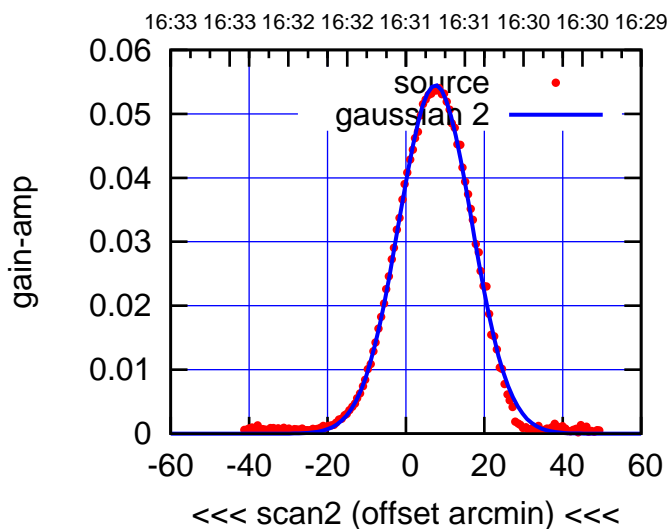
W06-175-EL OFF= 7.9' ( 21.1')



(+30'/m) 28Jan2023 16:27:30

W06-130-EL OFF= 7.5' ( 21.9')

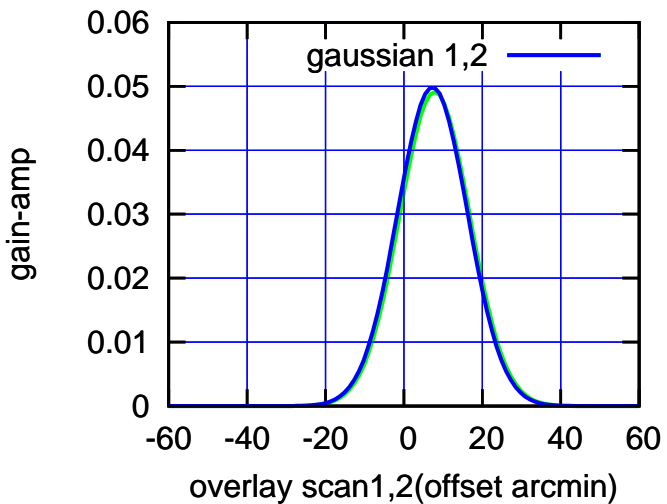
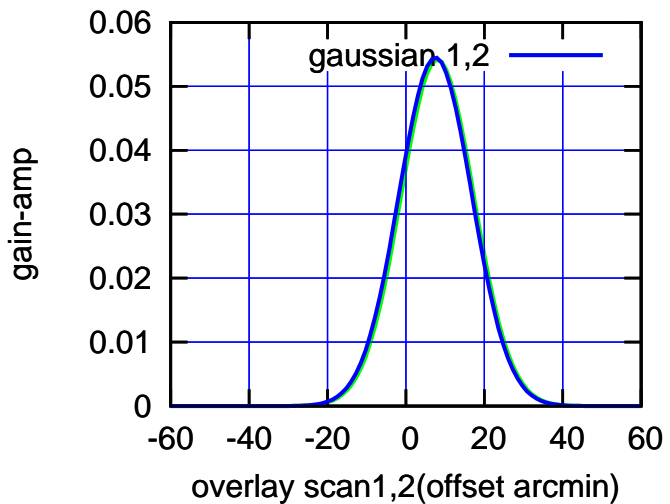
W06-175-EL OFF= 7.3' ( 21.0')



(-30'/m) 28Jan2023 16:31:30

BACKLASH ERROR= 0.6'

BACKLASH ERROR= 0.6'



(1460 MHz.)

```

# backlash test : 28Jan2023 16:27:30, 28Jan2023 16:31:30
# lta file      : /temp30/28jan2023_el_scan20_21.lta
# lta scan no(s) : 0,1
# lta chan range : [500,510]
# scan1 start time: 28Jan2023 16:25:30
# scan1 peak time: 28Jan2023 16:27:30
# scan1 end time: 28Jan2023 16:29:30
# scan2 start time: 28Jan2023 16:29:30
# scan2 peak time: 28Jan2023 16:31:30
# scan2 end time: 28Jan2023 16:33:30
# 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) : 49.4
# antenna flag : 1 - working, 0 - non working

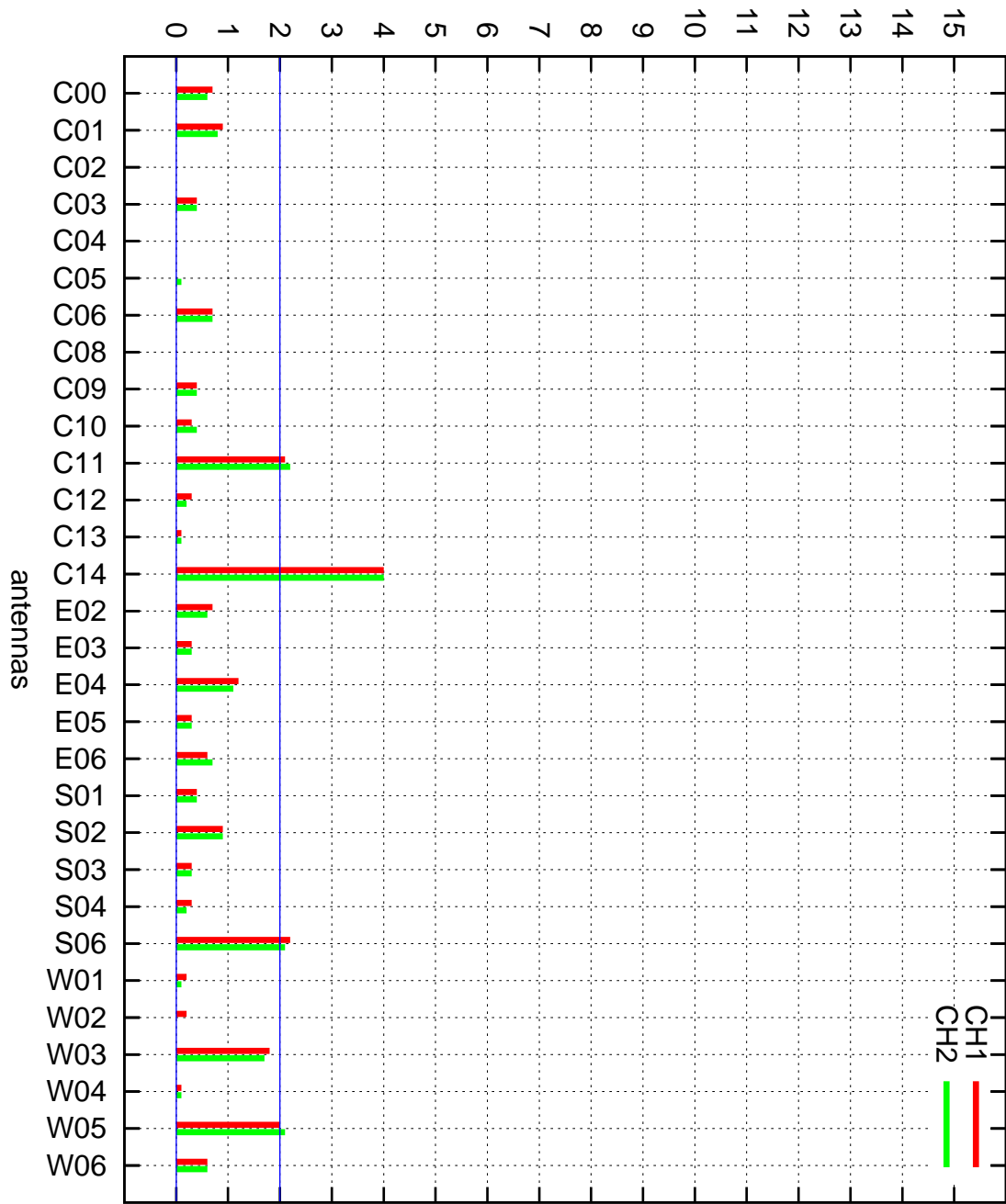
```

C00-130-EL	OFF(scan1)= 3.7	OFF(scan2)= 3.0	ERROR= 0.7	FLAG= 1
C00-175-EL	OFF(scan1)= 3.5	OFF(scan2)= 2.9	ERROR= 0.6	FLAG= 1
C01-130-EL	OFF(scan1)= -0.3	OFF(scan2)= 0.6	ERROR= -0.9	FLAG= 1
C01-175-EL	OFF(scan1)= -0.3	OFF(scan2)= 0.5	ERROR= -0.8	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)= 1.0	ERROR= 0.4	FLAG= 1
C03-175-EL	OFF(scan1)= 1.2	OFF(scan2)= 0.8	ERROR= 0.4	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)= 4.4	OFF(scan2)= 4.4	ERROR= 0.0	FLAG= 1
C05-175-EL	OFF(scan1)= 4.4	OFF(scan2)= 4.5	ERROR= -0.1	FLAG= 1
C06-130-EL	OFF(scan1)= 2.1	OFF(scan2)= 1.4	ERROR= 0.7	FLAG= 1
C06-175-EL	OFF(scan1)= 2.2	OFF(scan2)= 1.5	ERROR= 0.7	FLAG= 1
C08-130-EL	OFF(scan1)= 2.2	OFF(scan2)= 2.2	ERROR= 0.0	FLAG= 1
C08-175-EL	OFF(scan1)= 2.0	OFF(scan2)= 2.0	ERROR= 0.0	FLAG= 1
C09-130-EL	OFF(scan1)= -1.1	OFF(scan2)= -0.7	ERROR= -0.4	FLAG= 1
C09-175-EL	OFF(scan1)= -1.2	OFF(scan2)= -0.8	ERROR= -0.4	FLAG= 1
C10-130-EL	OFF(scan1)= 2.3	OFF(scan2)= 2.0	ERROR= 0.3	FLAG= 1
C10-175-EL	OFF(scan1)= 2.3	OFF(scan2)= 1.9	ERROR= 0.4	FLAG= 1
C11-130-EL	OFF(scan1)= -1.4	OFF(scan2)= 0.7	ERROR= -2.1	FLAG= 1
C11-175-EL	OFF(scan1)= -1.5	OFF(scan2)= 0.7	ERROR= -2.2	FLAG= 1
C12-130-EL	OFF(scan1)= 1.9	OFF(scan2)= 1.6	ERROR= 0.3	FLAG= 1
C12-175-EL	OFF(scan1)= 1.6	OFF(scan2)= 1.4	ERROR= 0.2	FLAG= 1
C13-130-EL	OFF(scan1)= 1.6	OFF(scan2)= 1.7	ERROR= -0.1	FLAG= 1
C13-175-EL	OFF(scan1)= 1.6	OFF(scan2)= 1.7	ERROR= -0.1	FLAG= 1
C14-130-EL	OFF(scan1)= -3.6	OFF(scan2)= 0.4	ERROR= -4.0	FLAG= 1
C14-175-EL	OFF(scan1)= -3.6	OFF(scan2)= 0.4	ERROR= -4.0	FLAG= 1
E02-130-EL	OFF(scan1)= 0.9	OFF(scan2)= 1.6	ERROR= -0.7	FLAG= 1
E02-175-EL	OFF(scan1)= 1.6	OFF(scan2)= 2.2	ERROR= -0.6	FLAG= 1
E03-130-EL	OFF(scan1)= 3.3	OFF(scan2)= 3.6	ERROR= -0.3	FLAG= 1
E03-175-EL	OFF(scan1)= 3.0	OFF(scan2)= 3.3	ERROR= -0.3	FLAG= 1
E04-130-EL	OFF(scan1)= 2.6	OFF(scan2)= 3.8	ERROR= -1.2	FLAG= 1
E04-175-EL	OFF(scan1)= 2.6	OFF(scan2)= 3.7	ERROR= -1.1	FLAG= 1
E05-130-EL	OFF(scan1)= 2.4	OFF(scan2)= 2.1	ERROR= 0.3	FLAG= 1
E05-175-EL	OFF(scan1)= 2.1	OFF(scan2)= 1.8	ERROR= 0.3	FLAG= 1
E06-130-EL	OFF(scan1)= 1.7	OFF(scan2)= 1.1	ERROR= 0.6	FLAG= 1
E06-175-EL	OFF(scan1)= 1.9	OFF(scan2)= 1.2	ERROR= 0.7	FLAG= 1
S01-130-EL	OFF(scan1)= -0.3	OFF(scan2)= 0.1	ERROR= -0.4	FLAG= 1
S01-175-EL	OFF(scan1)= -0.4	OFF(scan2)= 0.0	ERROR= -0.4	FLAG= 1
S02-130-EL	OFF(scan1)= 2.5	OFF(scan2)= 3.4	ERROR= -0.9	FLAG= 1
S02-175-EL	OFF(scan1)= 2.7	OFF(scan2)= 3.6	ERROR= -0.9	FLAG= 1
S03-130-EL	OFF(scan1)= 3.1	OFF(scan2)= 2.8	ERROR= 0.3	FLAG= 1
S03-175-EL	OFF(scan1)= 3.2	OFF(scan2)= 2.9	ERROR= 0.3	FLAG= 1
S04-130-EL	OFF(scan1)= 4.0	OFF(scan2)= 3.7	ERROR= 0.3	FLAG= 1
S04-175-EL	OFF(scan1)= 3.6	OFF(scan2)= 3.4	ERROR= 0.2	FLAG= 1
S06-130-EL	OFF(scan1)= -3.2	OFF(scan2)= -1.0	ERROR= -2.2	FLAG= 1
S06-175-EL	OFF(scan1)= -3.3	OFF(scan2)= -1.2	ERROR= -2.1	FLAG= 1

W01-130-EL	OFF(scan1)=	4.3	OFF(scan2)=	4.1	ERROR=	0.2	FLAG=	1
W01-175-EL	OFF(scan1)=	4.1	OFF(scan2)=	4.0	ERROR=	0.1	FLAG=	1
W02-130-EL	OFF(scan1)=	0.9	OFF(scan2)=	0.7	ERROR=	0.2	FLAG=	1
W02-175-EL	OFF(scan1)=	0.7	OFF(scan2)=	0.7	ERROR=	0.0	FLAG=	1
W03-130-EL	OFF(scan1)=	-1.2	OFF(scan2)=	0.6	ERROR=	-1.8	FLAG=	1
W03-175-EL	OFF(scan1)=	-1.5	OFF(scan2)=	0.2	ERROR=	-1.7	FLAG=	1
W04-130-EL	OFF(scan1)=	3.3	OFF(scan2)=	3.2	ERROR=	0.1	FLAG=	1
W04-175-EL	OFF(scan1)=	3.4	OFF(scan2)=	3.3	ERROR=	0.1	FLAG=	1
W05-130-EL	OFF(scan1)=	-2.2	OFF(scan2)=	-0.2	ERROR=	-2.0	FLAG=	1
W05-175-EL	OFF(scan1)=	-2.7	OFF(scan2)=	-0.6	ERROR=	-2.1	FLAG=	1
W06-130-EL	OFF(scan1)=	8.1	OFF(scan2)=	7.5	ERROR=	0.6	FLAG=	1
W06-175-EL	OFF(scan1)=	7.9	OFF(scan2)=	7.3	ERROR=	0.6	FLAG=	1



# EL backlash error (arcmin)



EL backlash test (28Jan2023 16:27:30)