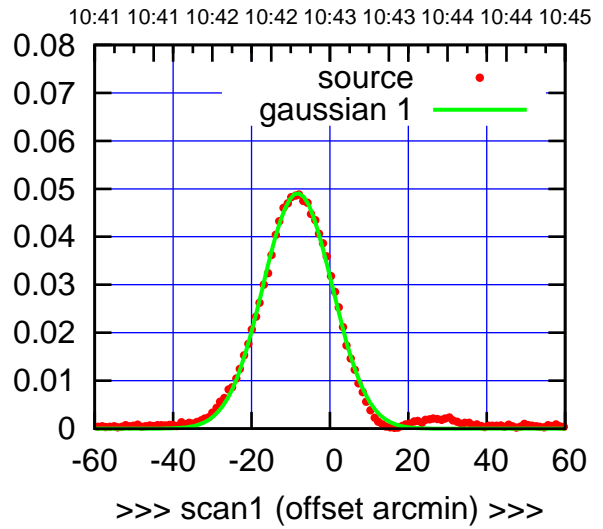
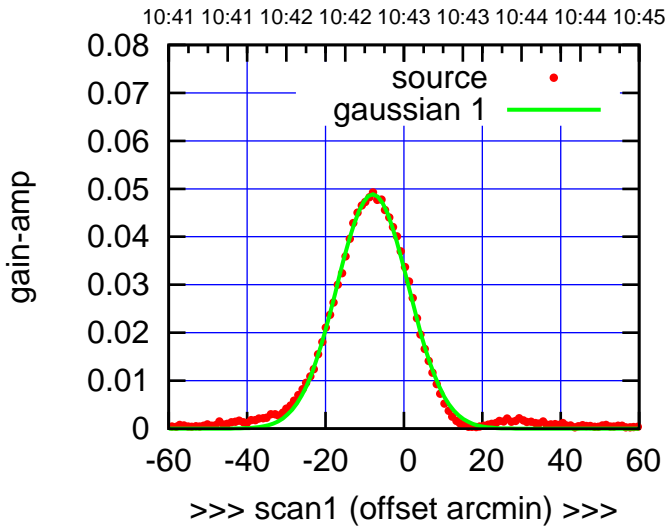


C00-130-EL OFF= -8.0' (21.6')

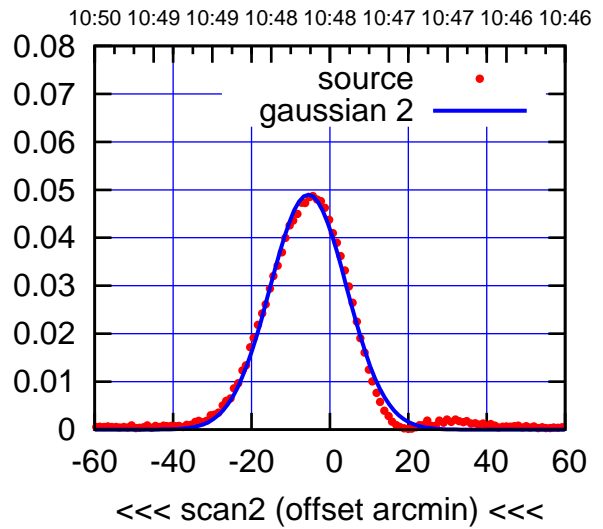
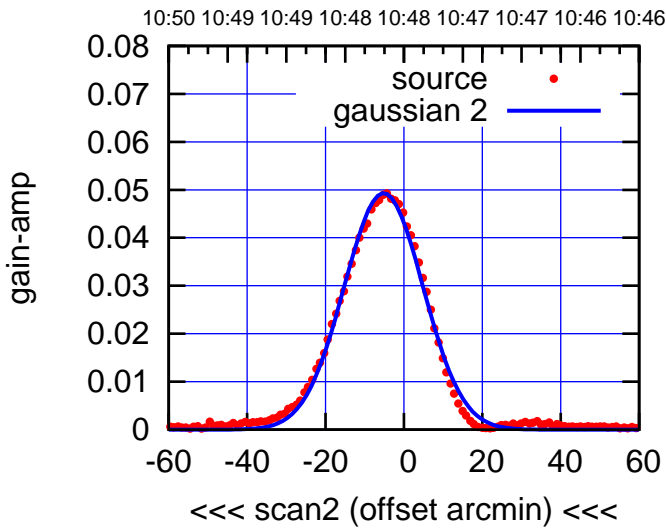
C00-175-EL OFF= -8.2' (20.8')



(+30'/m) 18May2017 10:43:00

C00-130-EL OFF= -5.2' (23.6')

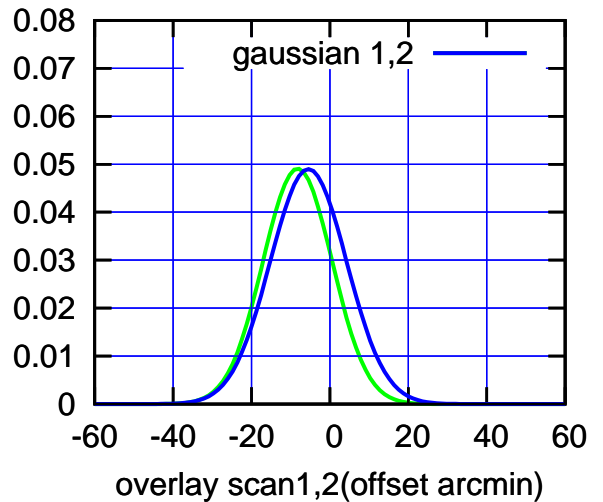
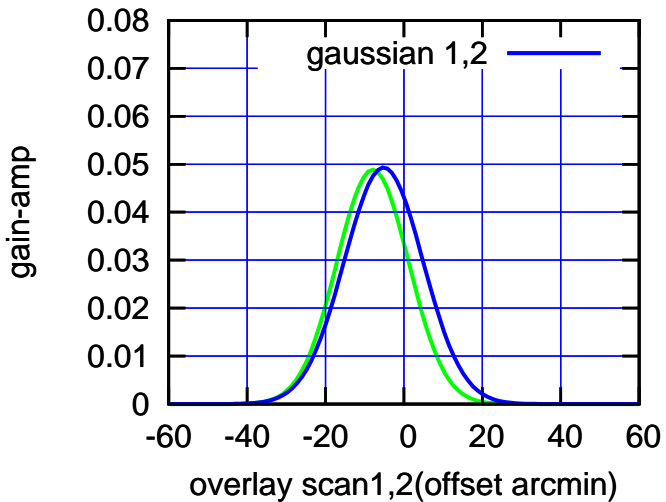
C00-175-EL OFF= -5.5' (22.9')



(-30'/m) 18May2017 10:48:00

BACKLASH ERROR= 2.8'

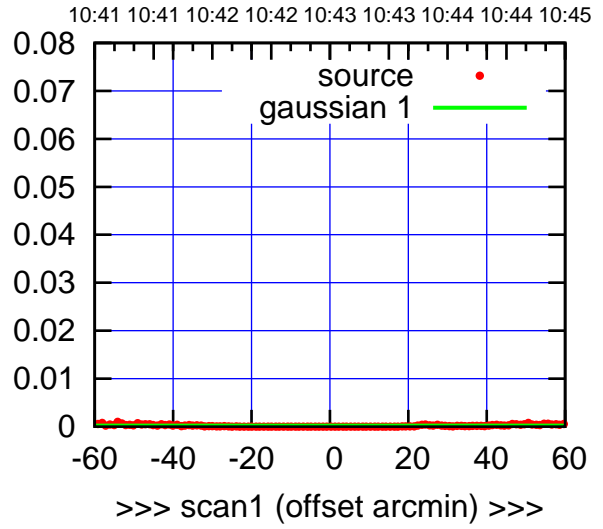
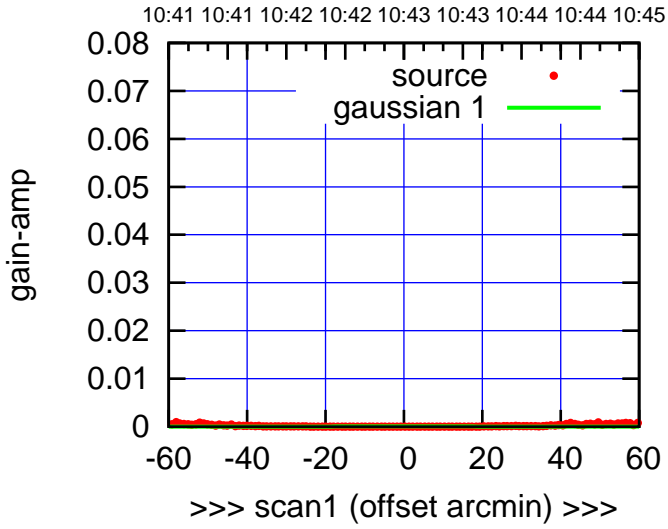
BACKLASH ERROR= 2.7'



(1371 MHz.)

C01-130-EL OFF= 0.0' (42.4')

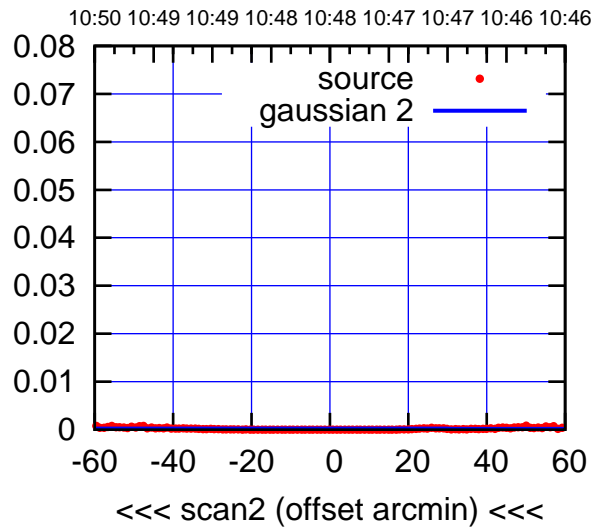
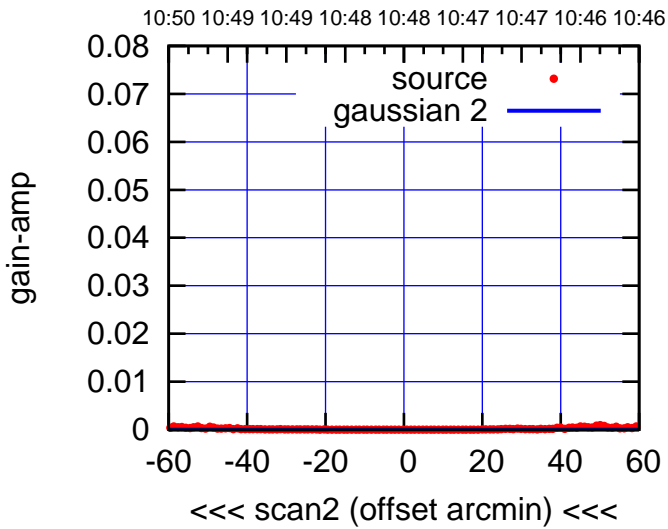
C01-175-EL OFF= 0.0' (0.0')



(+30'/m) 18May2017 10:43:00

C01-130-EL OFF= 0.0' (42.4')

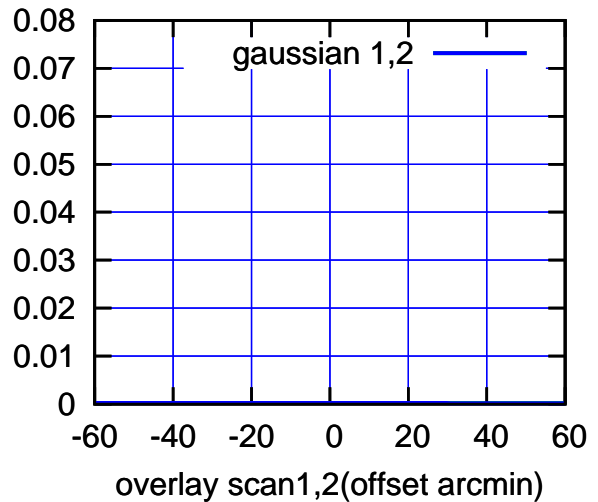
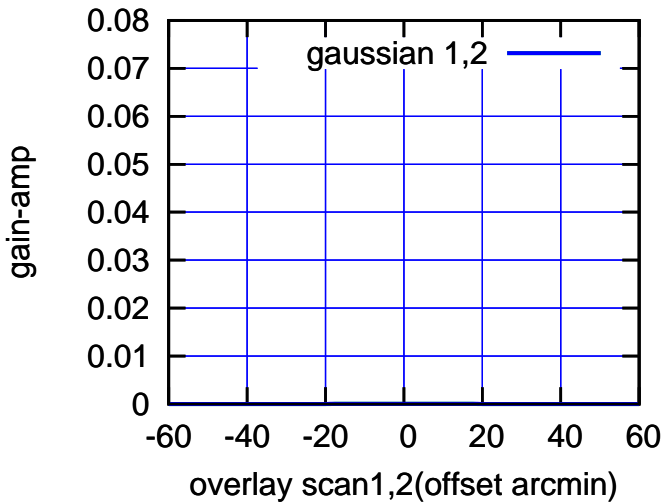
C01-175-EL OFF= 0.0' (0.0')



(-30'/m) 18May2017 10:48:00

BACKLASH ERROR= 0.0'

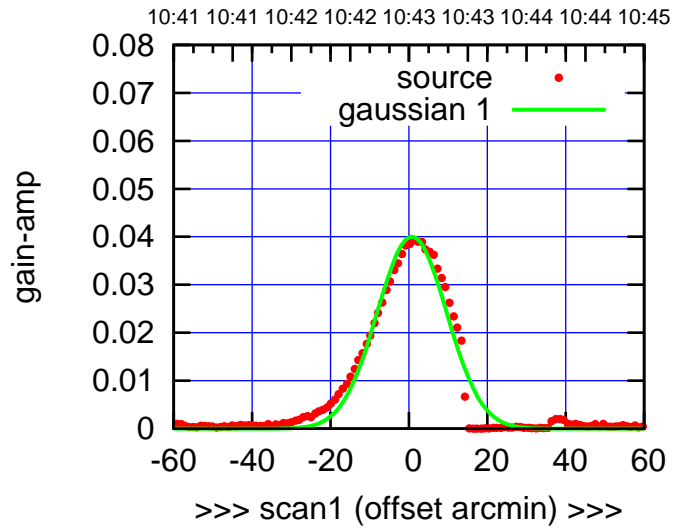
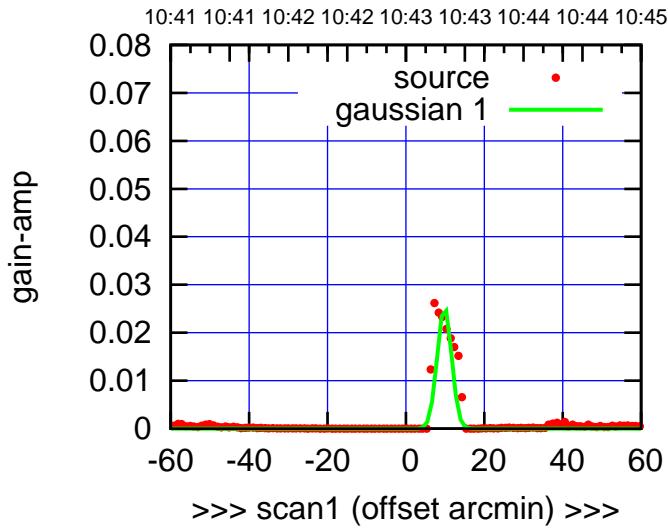
BACKLASH ERROR= 0.0'



(1371 MHz.)

C02-130-EL OFF= 9.8' (4.3')

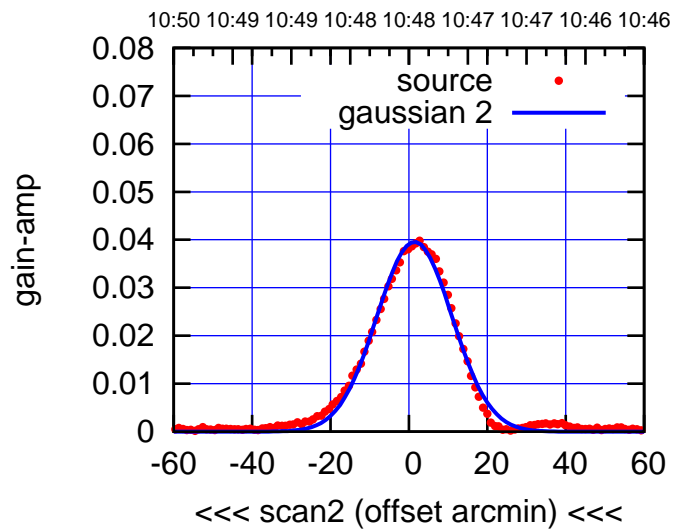
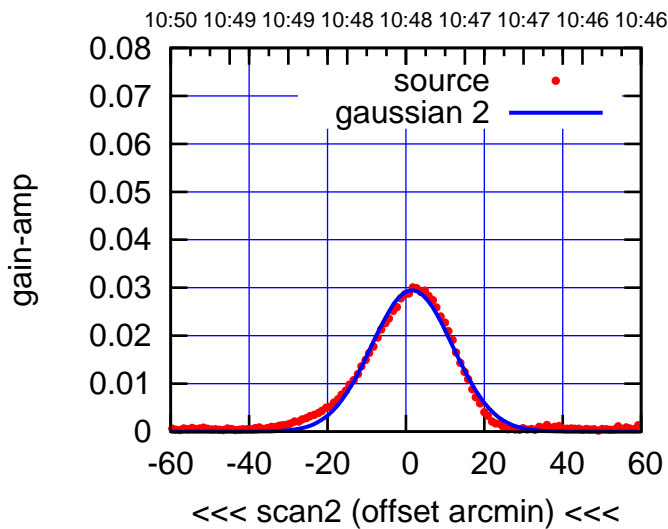
C02-175-EL OFF= 0.8' (20.8')



(+30'/m) 18May2017 10:43:00

C02-130-EL OFF= 1.6' (24.4')

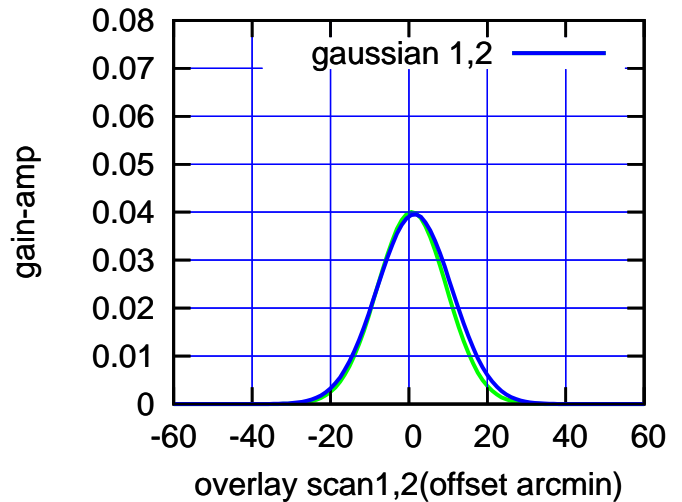
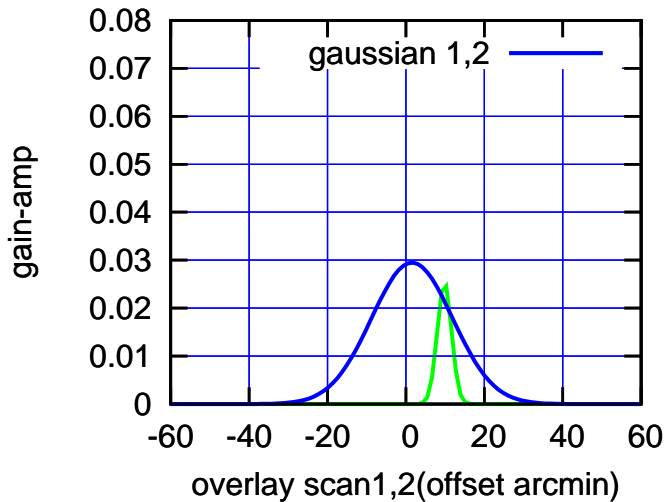
C02-175-EL OFF= 1.4' (22.6')



(-30'/m) 18May2017 10:48:00

BACKLASH ERROR= 8.2'

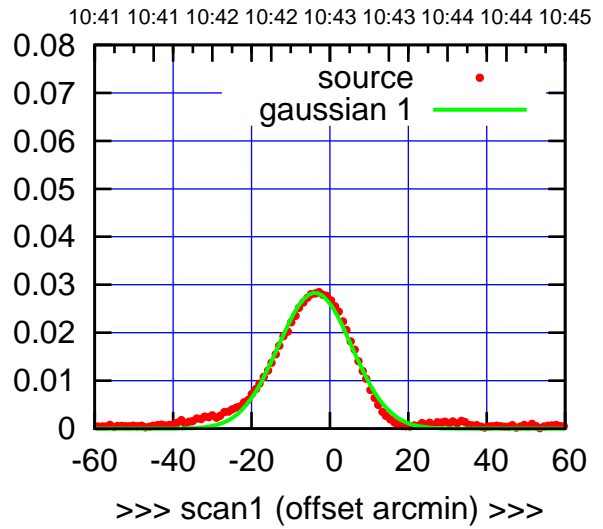
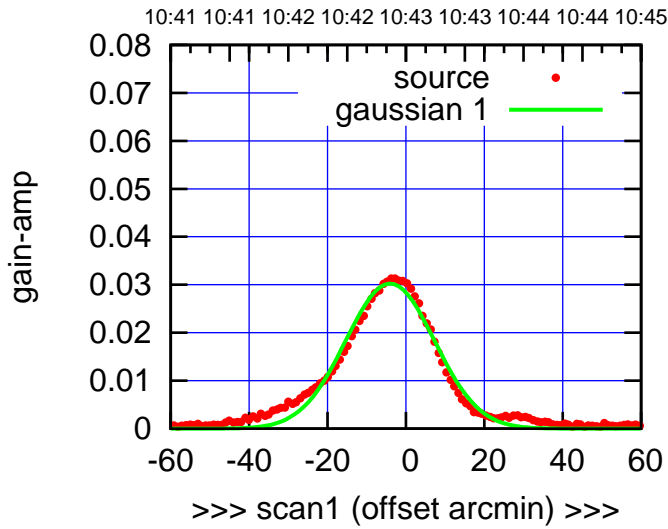
BACKLASH ERROR= 0.6'



(1371 MHz.)

C03-130-EL OFF= -4.0' (26.6')

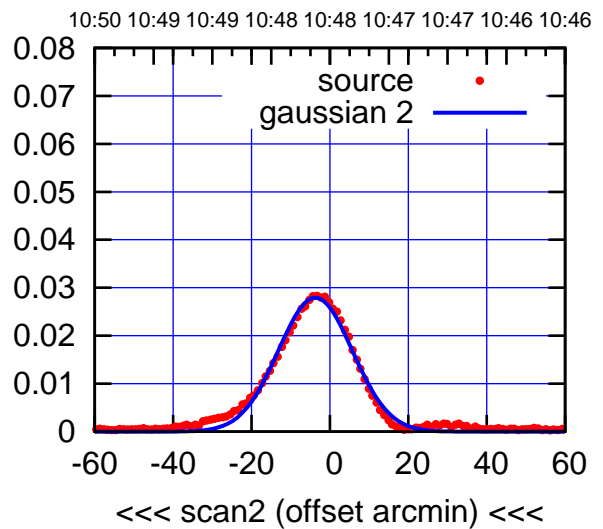
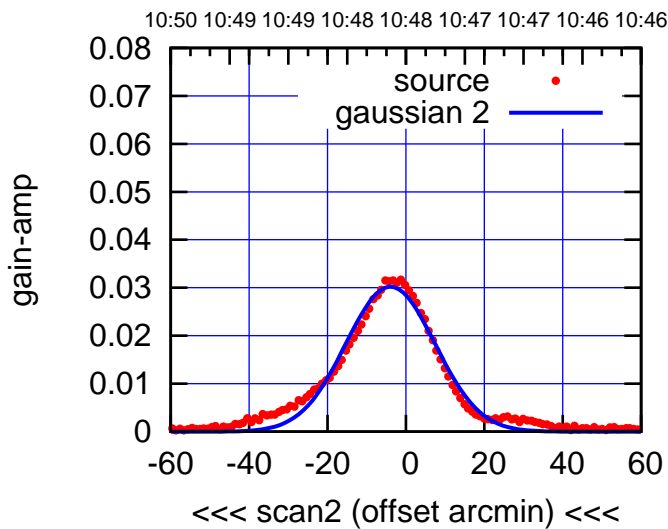
C03-175-EL OFF= -3.8' (22.1')



(+30'/m) 18May2017 10:43:00

C03-130-EL OFF= -3.9' (26.8')

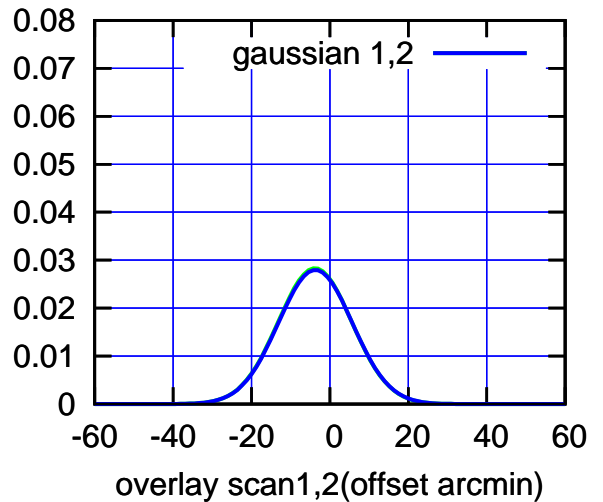
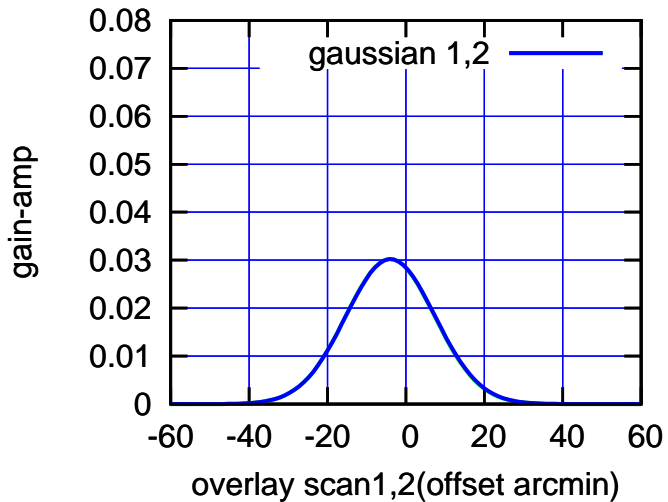
C03-175-EL OFF= -3.7' (22.1')



(-30'/m) 18May2017 10:48:00

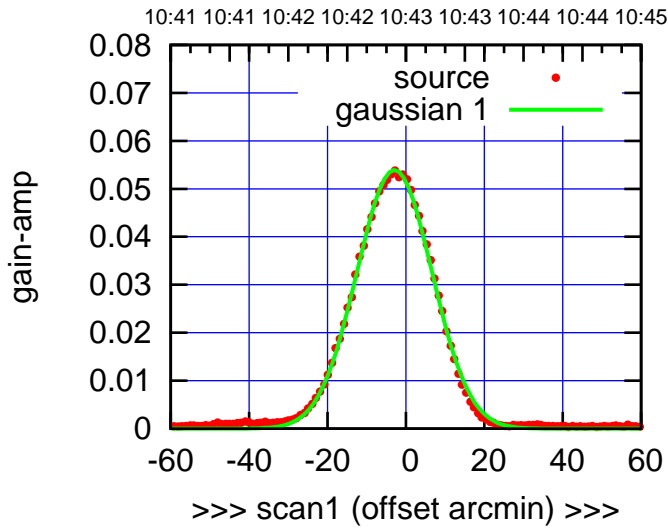
BACKLASH ERROR= 0.1'

BACKLASH ERROR= 0.1'

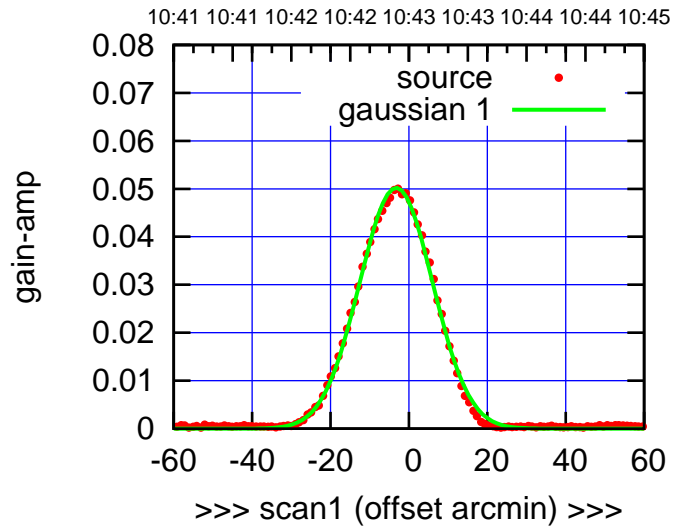


(1371 MHz.)

C04-130-EL OFF= -2.9' (22.5')

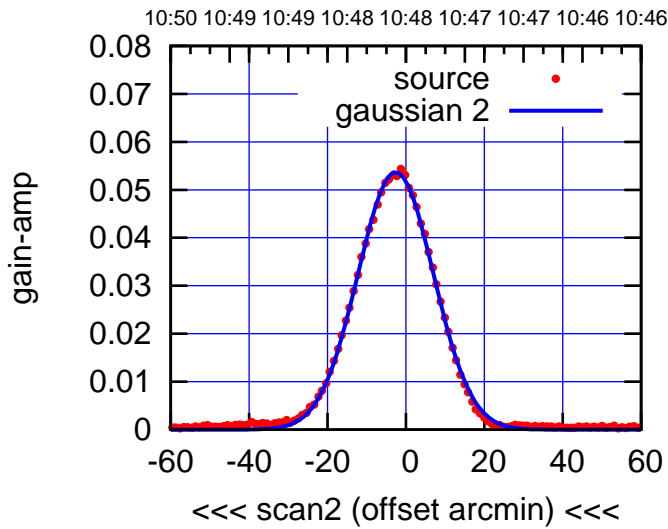


C04-175-EL OFF= -3.3' (21.9')

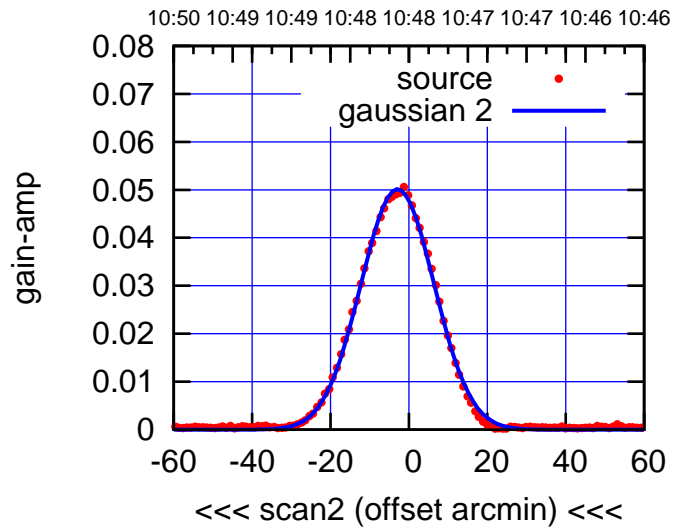


(+30'/m) 18May2017 10:43:00

C04-130-EL OFF= -2.6' (22.6')

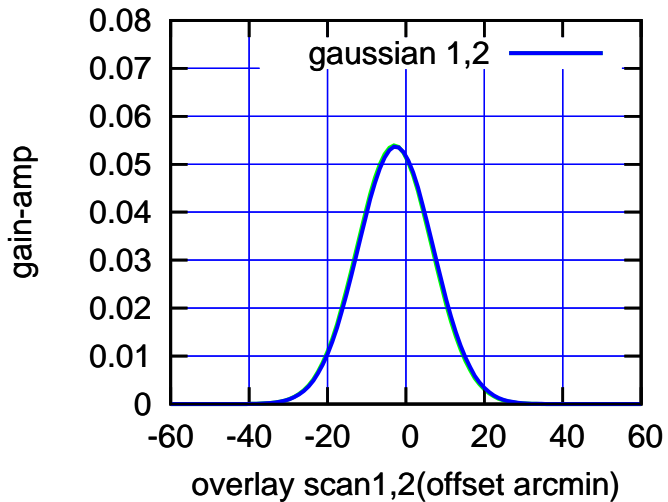


C04-175-EL OFF= -2.9' (21.9')

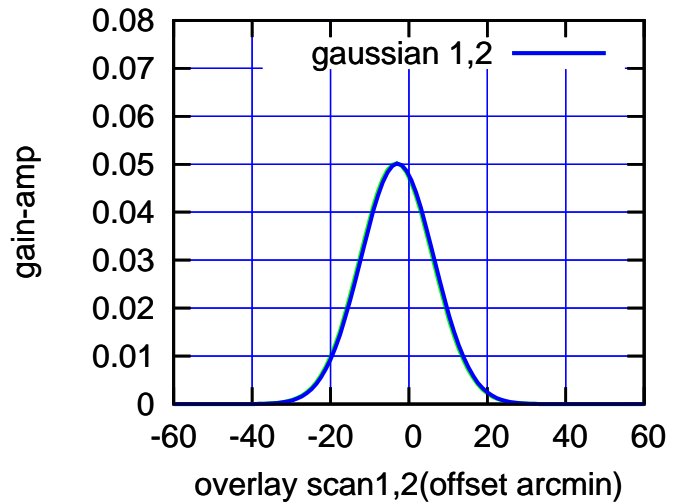


(-30'/m) 18May2017 10:48:00

BACKLASH ERROR= 0.3'

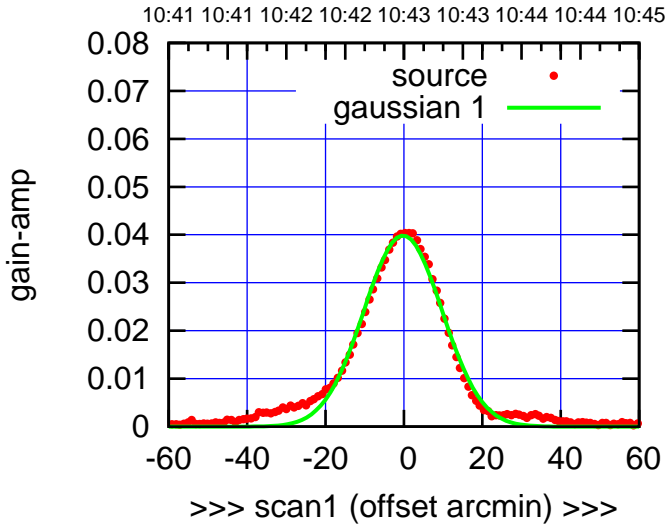


BACKLASH ERROR= 0.4'

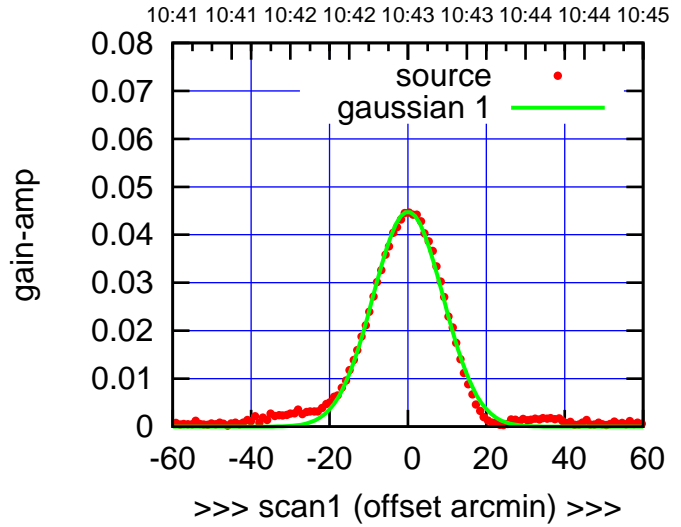


(1371 MHz.)

C05-130-EL OFF= -0.2' (23.5')

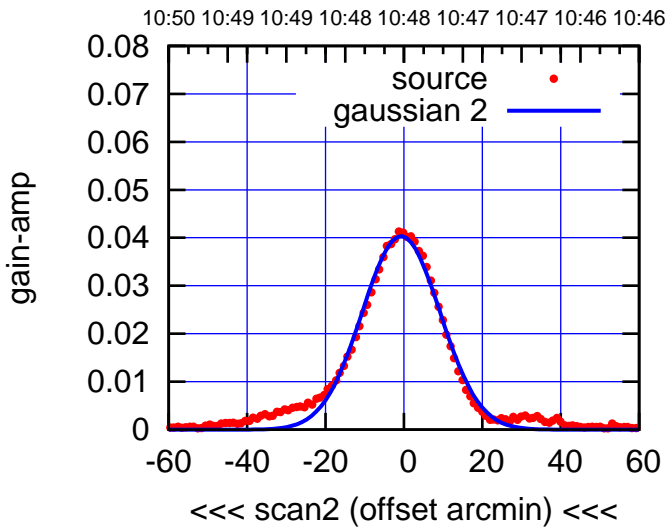


C05-175-EL OFF= 0.0' (21.0')

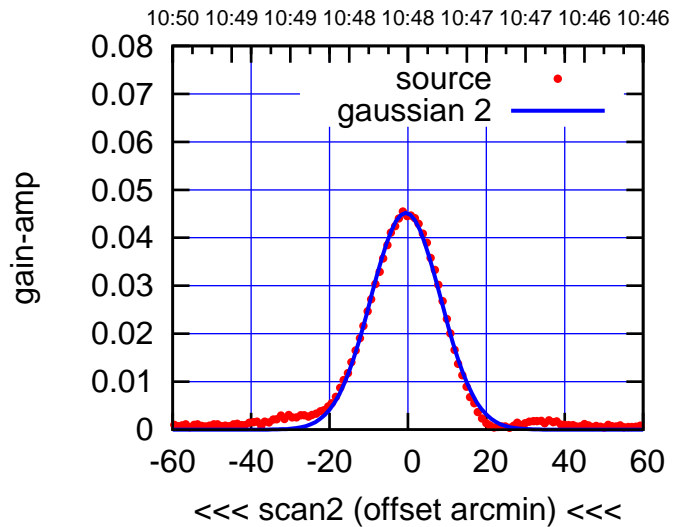


(+30'/m) 18May2017 10:43:00

C05-130-EL OFF= -0.7' (23.4')

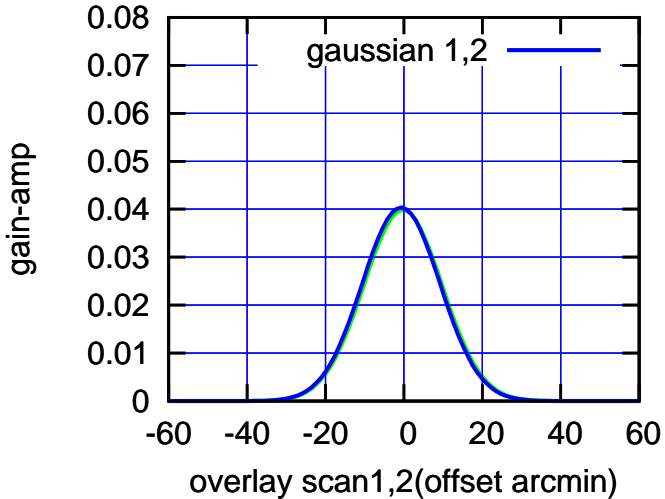


C05-175-EL OFF= -0.6' (21.0')

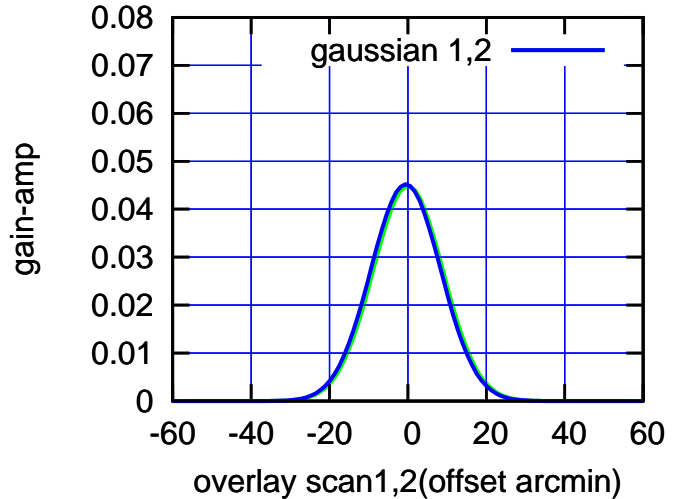


(-30'/m) 18May2017 10:48:00

BACKLASH ERROR= 0.5'

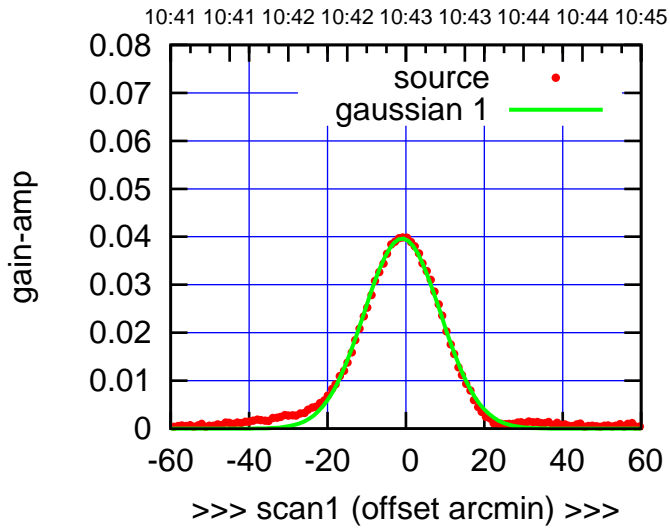


BACKLASH ERROR= 0.6'

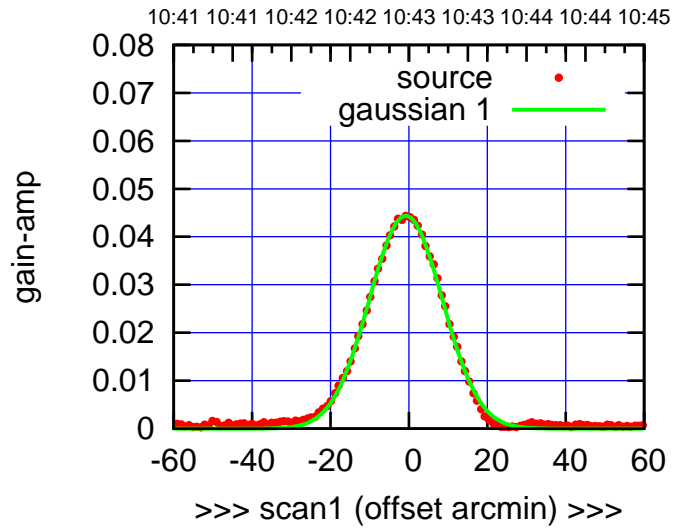


(1371 MHz.)

C06-130-EL OFF= -0.9' (23.0')

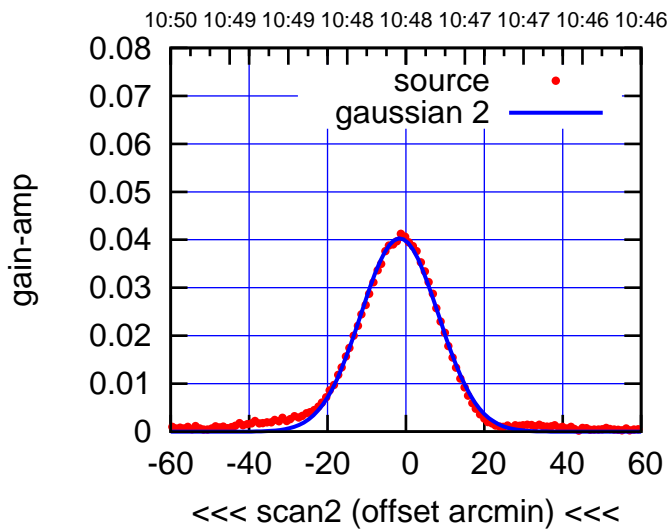


C06-175-EL OFF= -0.8' (21.9')

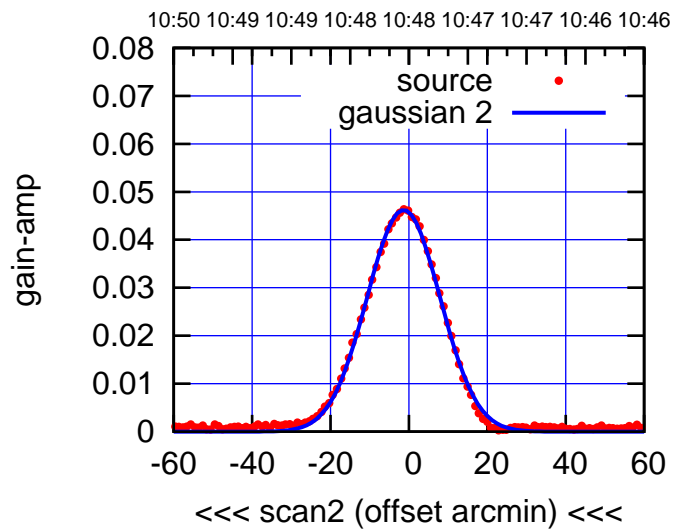


(+30'/m) 18May2017 10:43:00

C06-130-EL OFF= -1.6' (23.3')

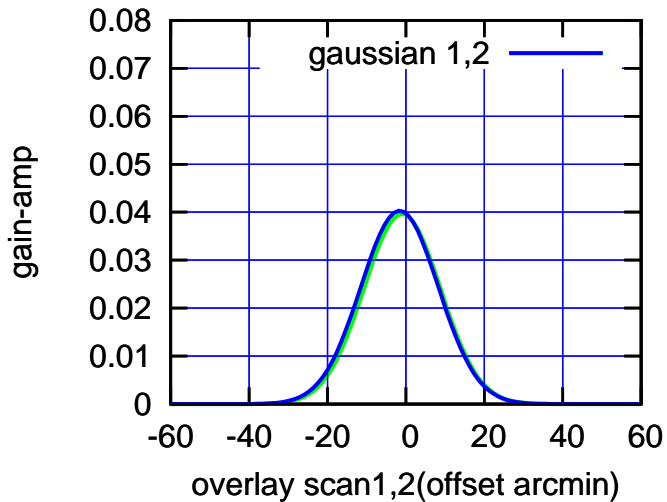


C06-175-EL OFF= -1.4' (21.9')

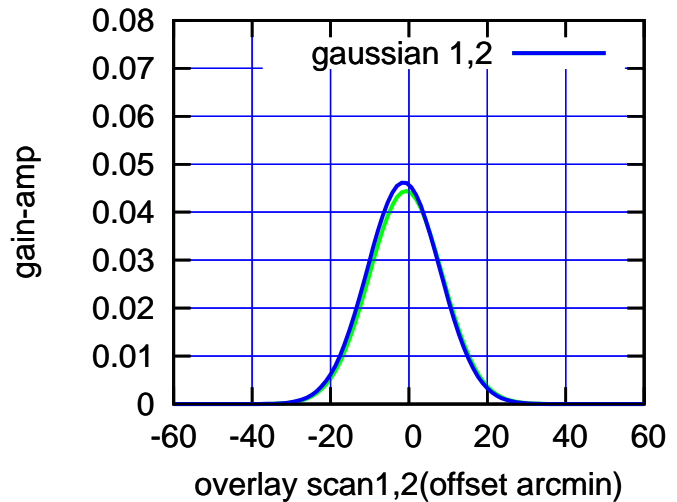


(-30'/m) 18May2017 10:48:00

BACKLASH ERROR= 0.7'

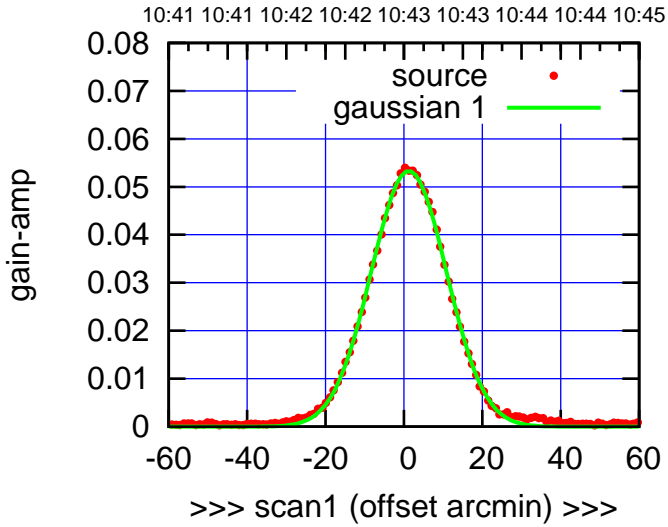


BACKLASH ERROR= 0.6'

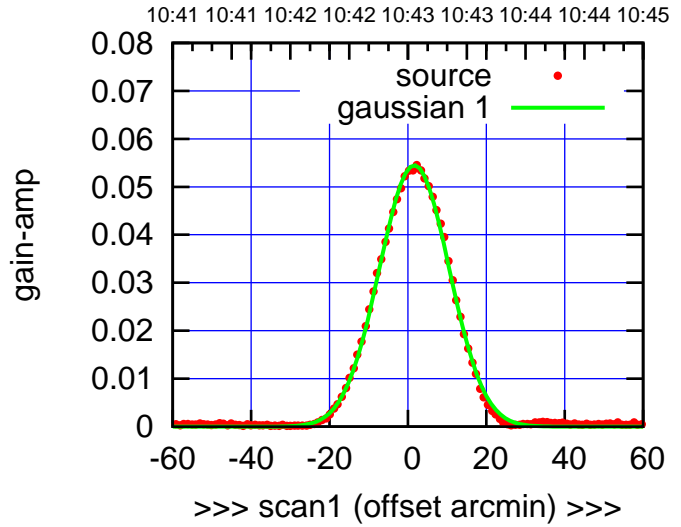


(1371 MHz.)

C08-130-EL OFF= 1.3' (22.6')

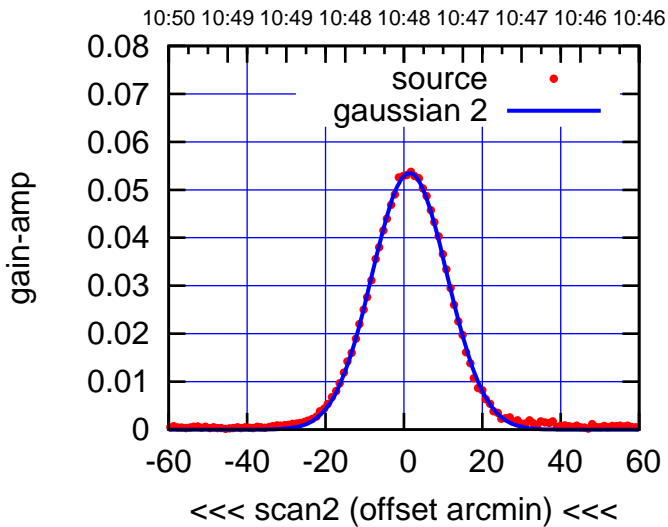


C08-175-EL OFF= 1.6' (20.9')

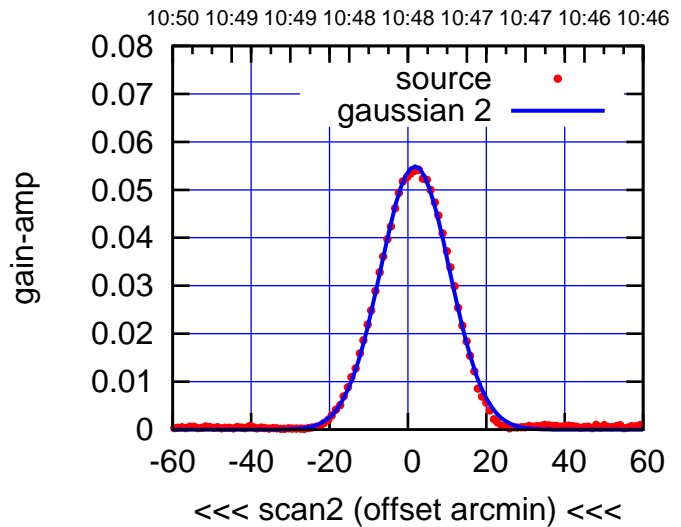


(+30'/m) 18May2017 10:43:00

C08-130-EL OFF= 1.4' (22.4')

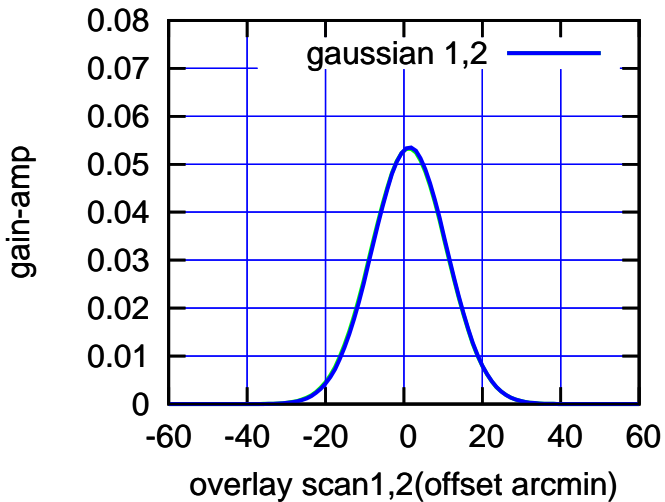


C08-175-EL OFF= 1.8' (20.8')

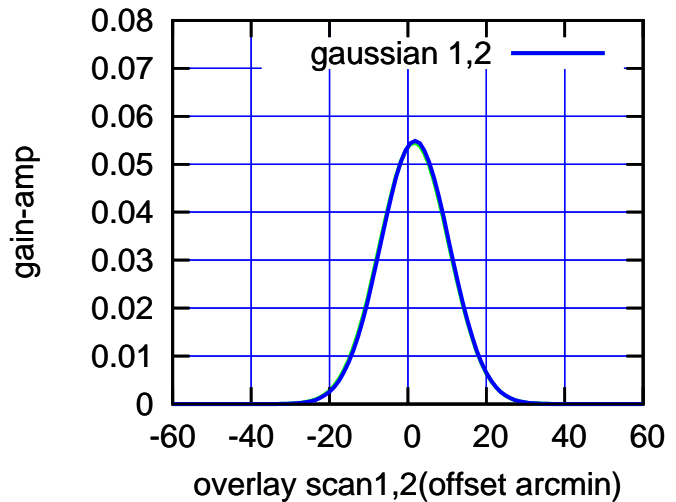


(-30'/m) 18May2017 10:48:00

BACKLASH ERROR= 0.1'

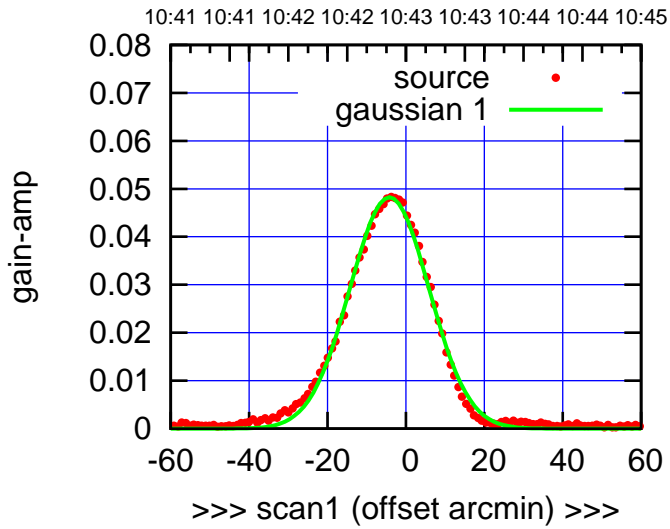


BACKLASH ERROR= 0.2'

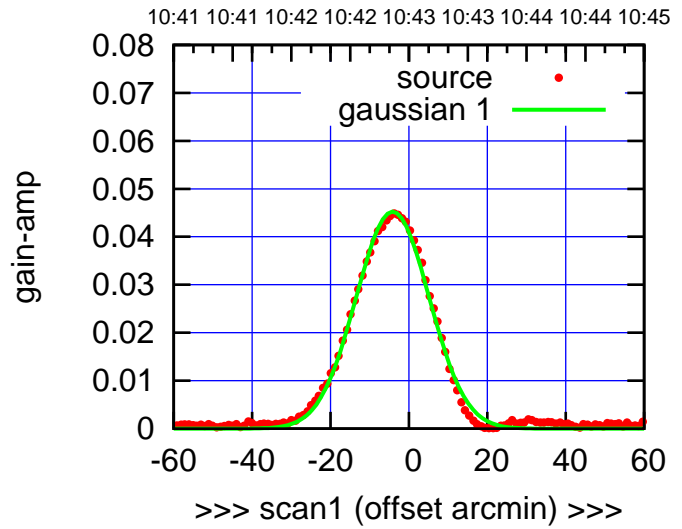


(1371 MHz.)

C09-130-EL OFF= -4.2' (23.7')

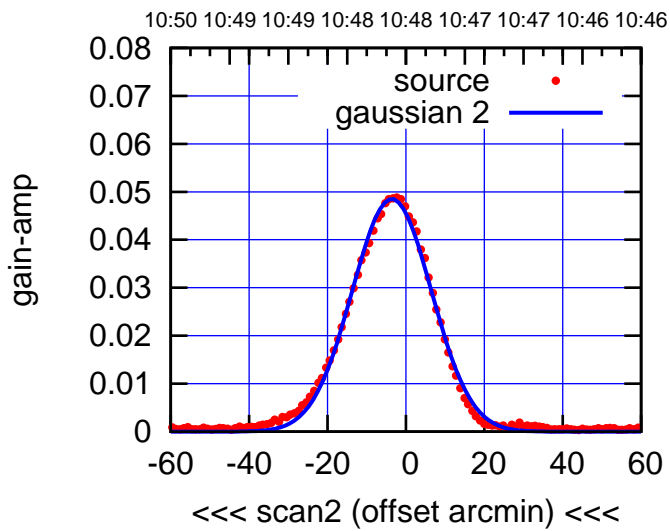


C09-175-EL OFF= -4.1' (21.9')

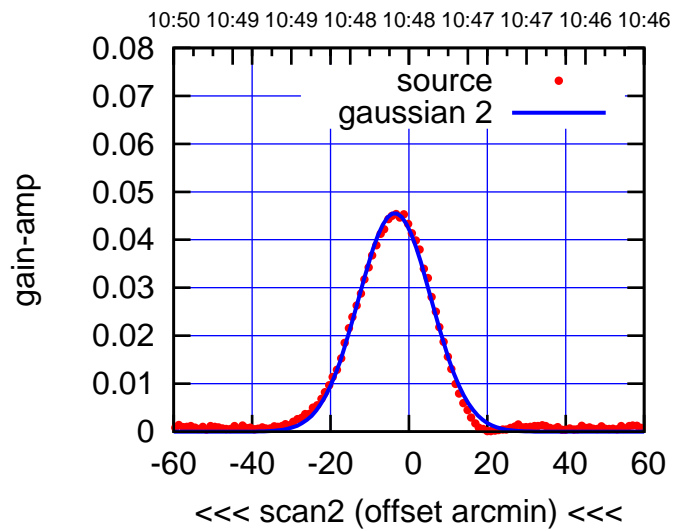


(+30'/m) 18May2017 10:43:00

C09-130-EL OFF= -3.6' (23.7')

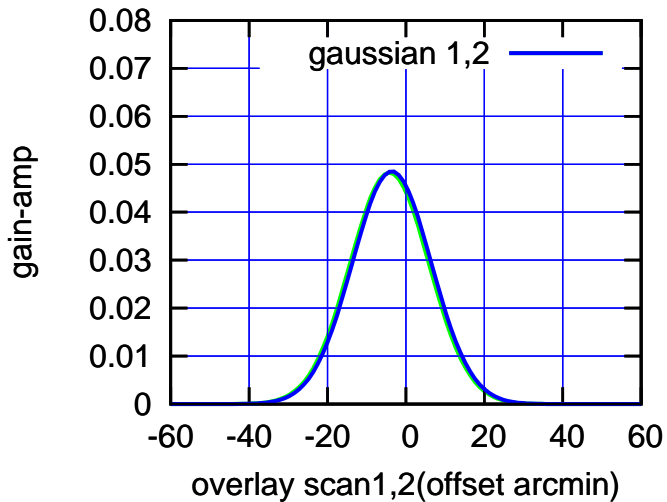


C09-175-EL OFF= -3.6' (21.8')

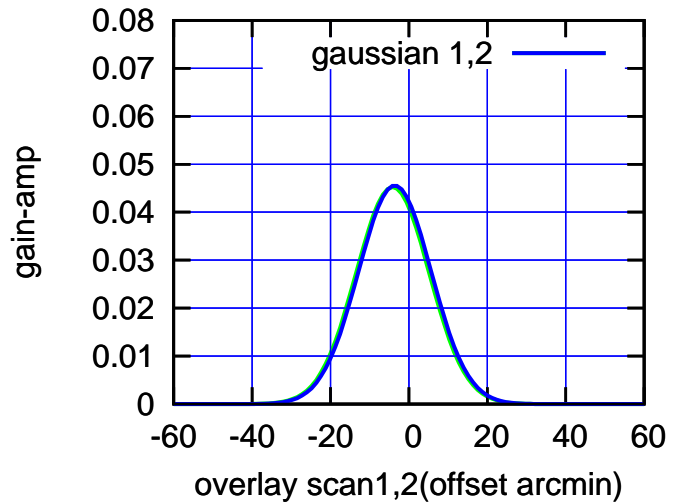


(-30'/m) 18May2017 10:48:00

BACKLASH ERROR= 0.6'

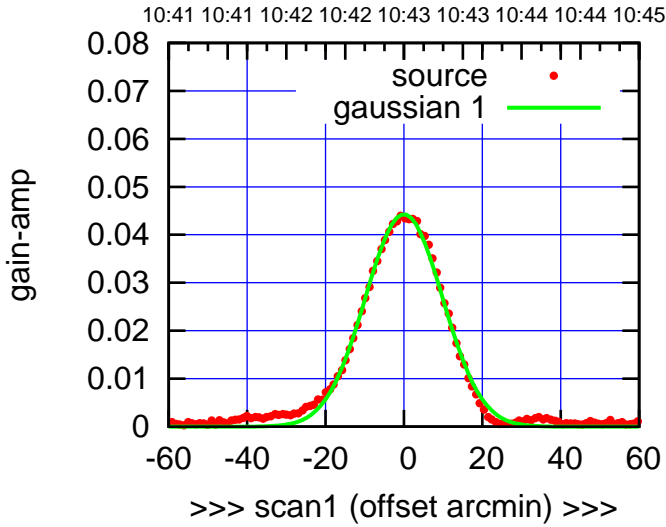


BACKLASH ERROR= 0.5'

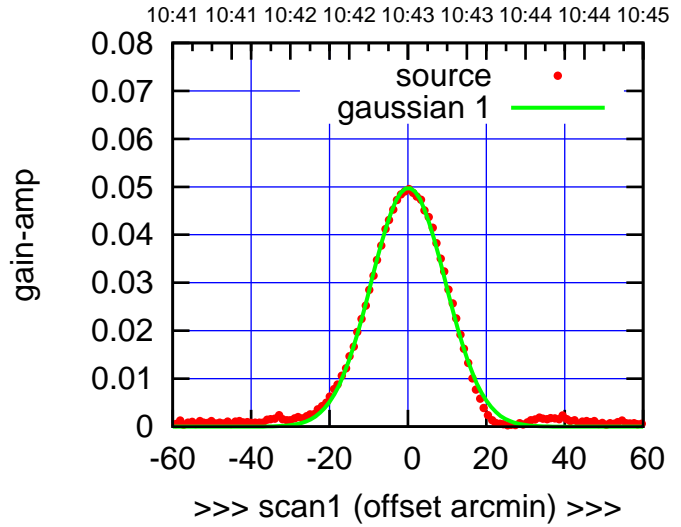


(1371 MHz.)

C10-130-EL OFF= 0.0' (23.2')

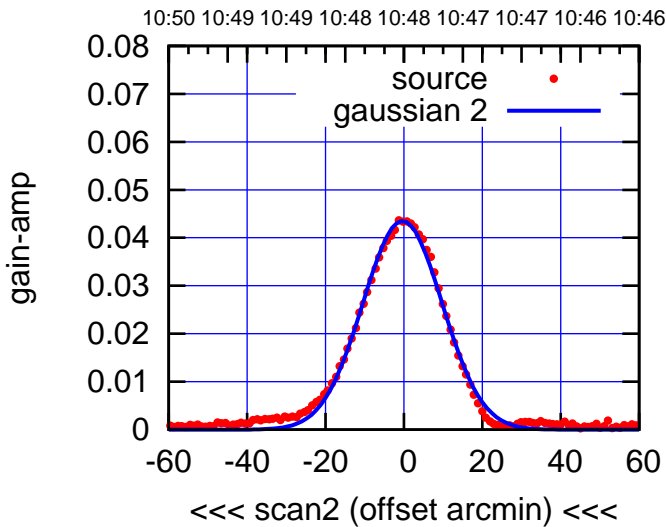


C10-175-EL OFF= 0.1' (22.3')

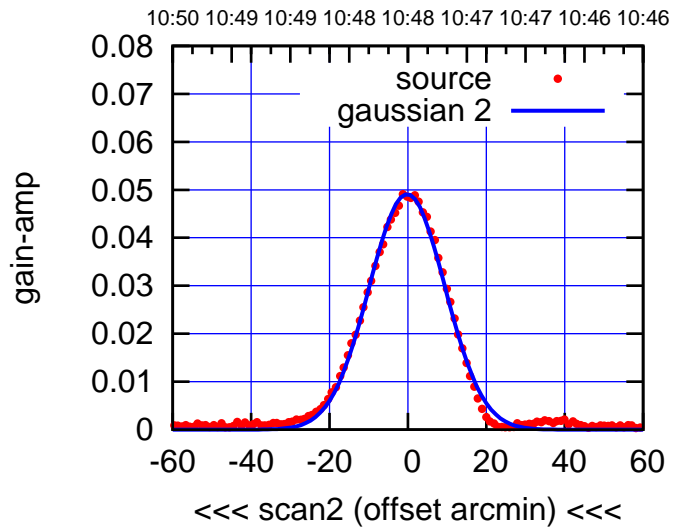


(+30'/m) 18May2017 10:43:00

C10-130-EL OFF= -0.4' (23.8')

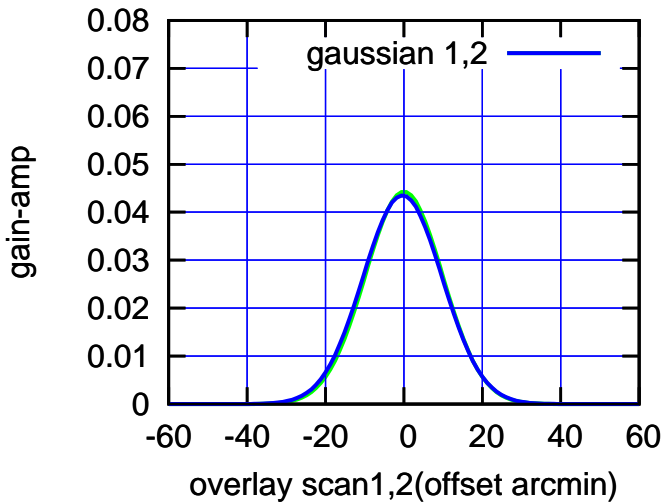


C10-175-EL OFF= -0.2' (22.7')

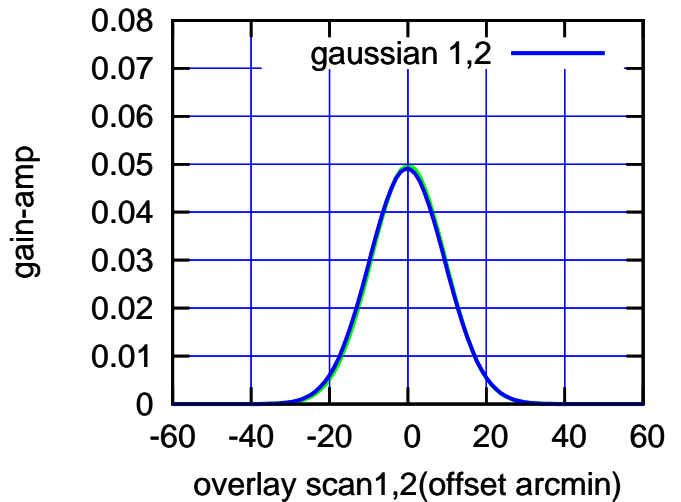


(-30'/m) 18May2017 10:48:00

BACKLASH ERROR= 0.4'

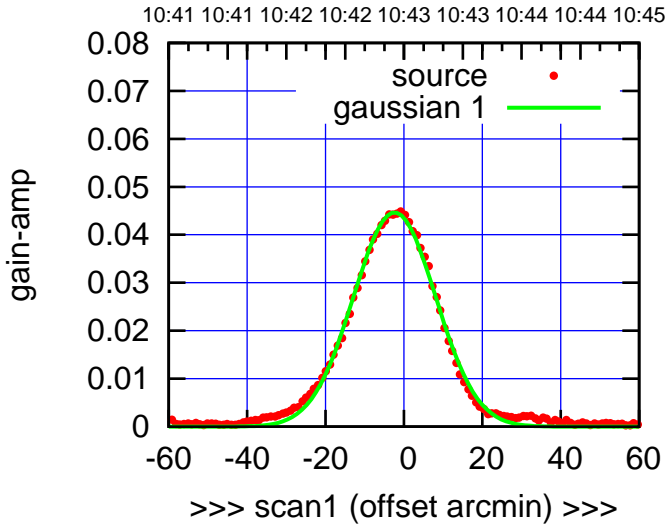


BACKLASH ERROR= 0.3'

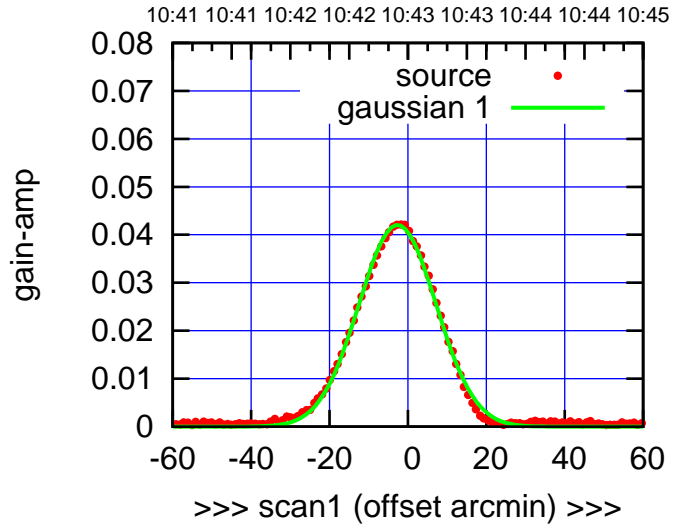


(1371 MHz.)

C11-130-EL OFF= -2.4' (24.7')

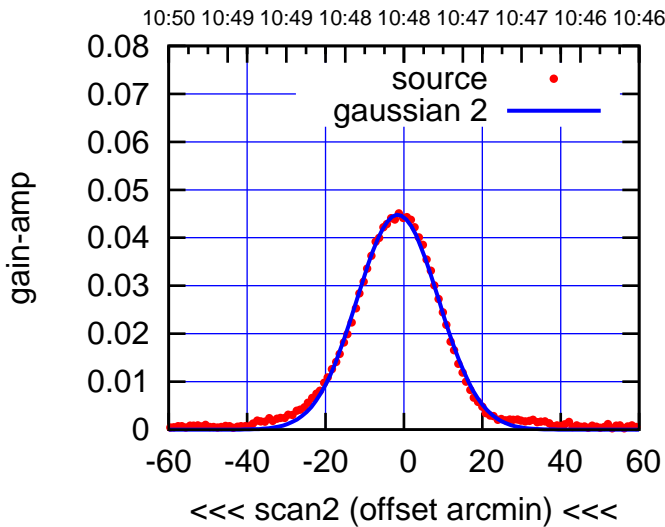


C11-175-EL OFF= -2.7' (23.2')

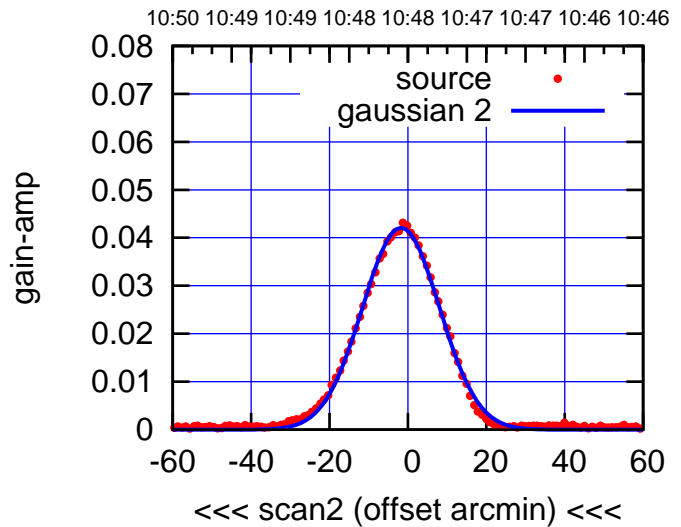


(+30'/m) 18May2017 10:43:00

C11-130-EL OFF= -1.6' (24.5')

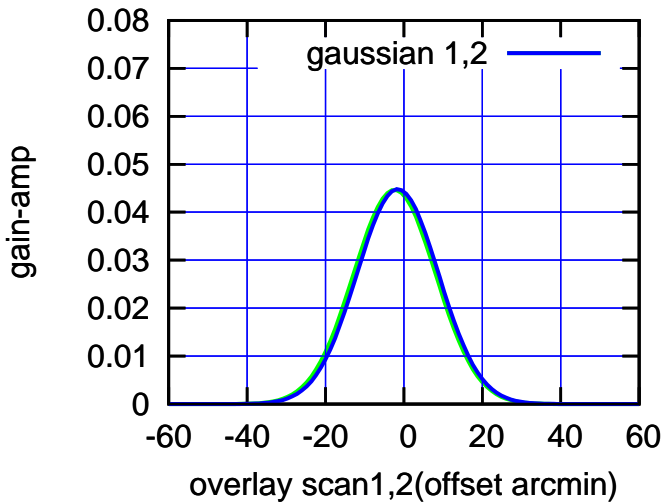


C11-175-EL OFF= -1.8' (23.1')

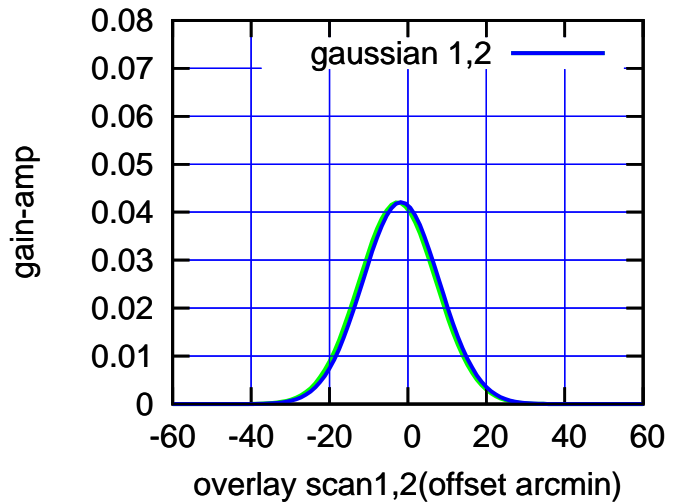


(-30'/m) 18May2017 10:48:00

BACKLASH ERROR= 0.8'

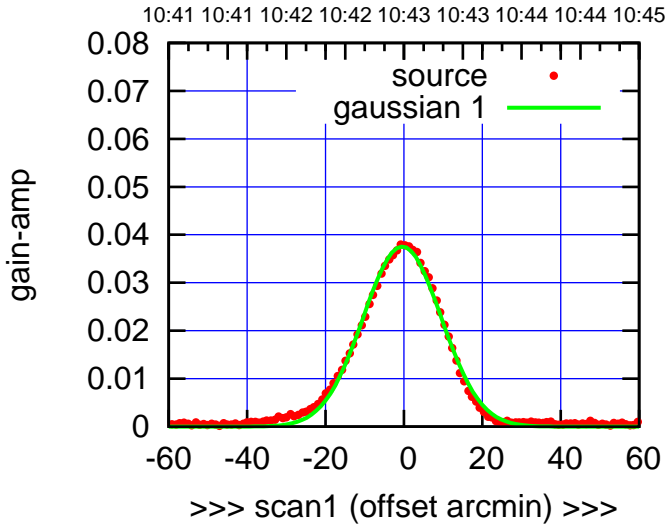


BACKLASH ERROR= 0.9'

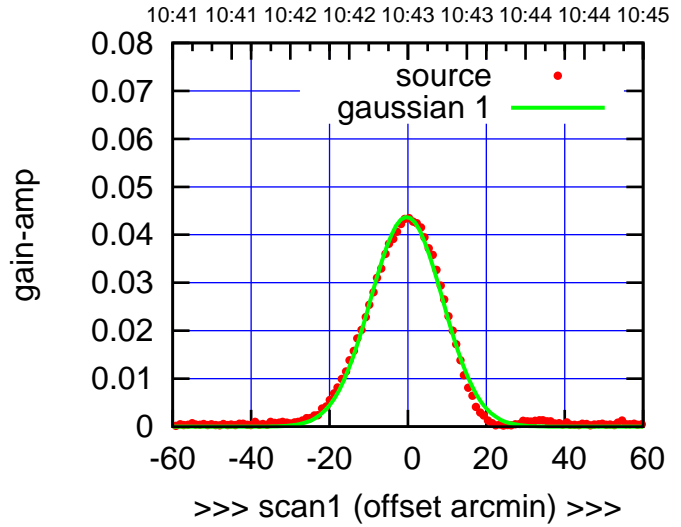


(1371 MHz.)

C12-130-EL OFF= -0.4' (23.4')

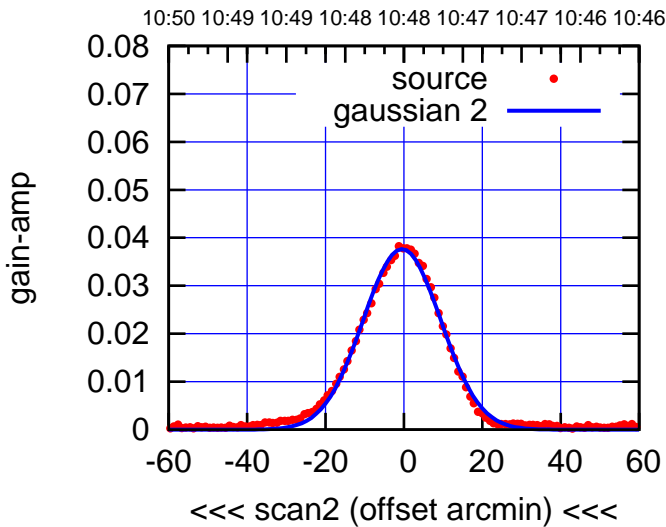


C12-175-EL OFF= -0.3' (21.7')

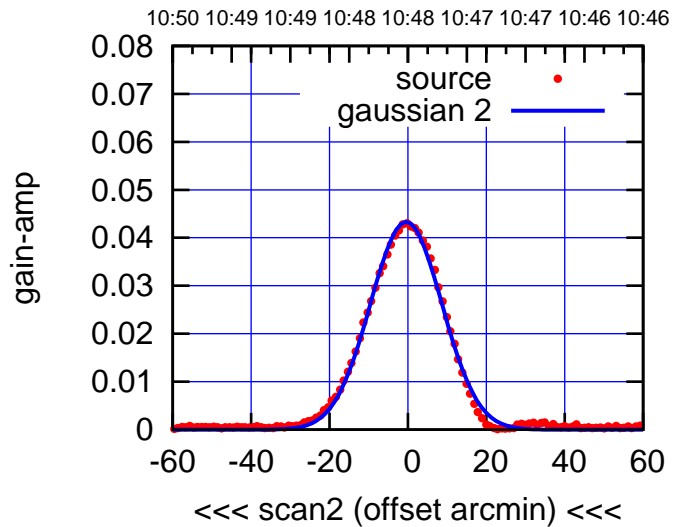


(+30'/m) 18May2017 10:43:00

C12-130-EL OFF= -0.5' (23.3')

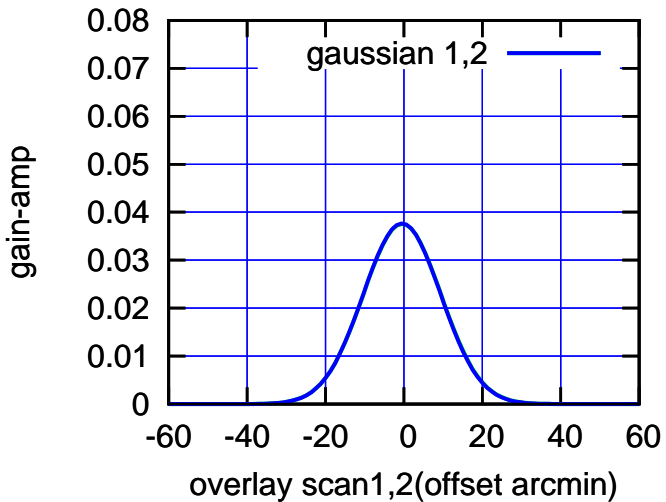


C12-175-EL OFF= -0.4' (21.5')

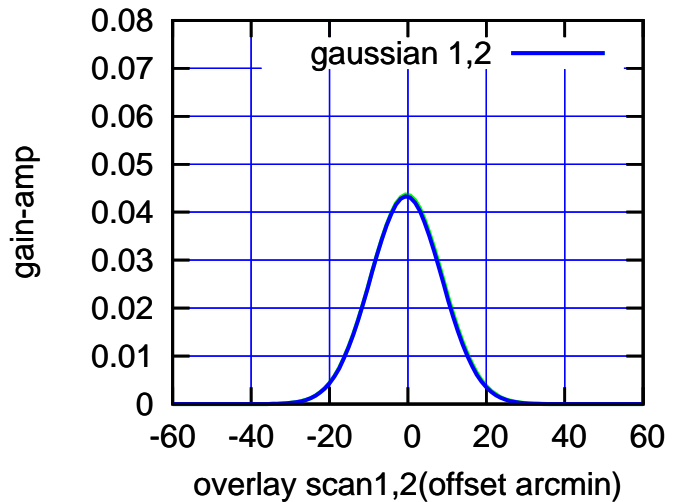


(-30'/m) 18May2017 10:48:00

BACKLASH ERROR= 0.1'

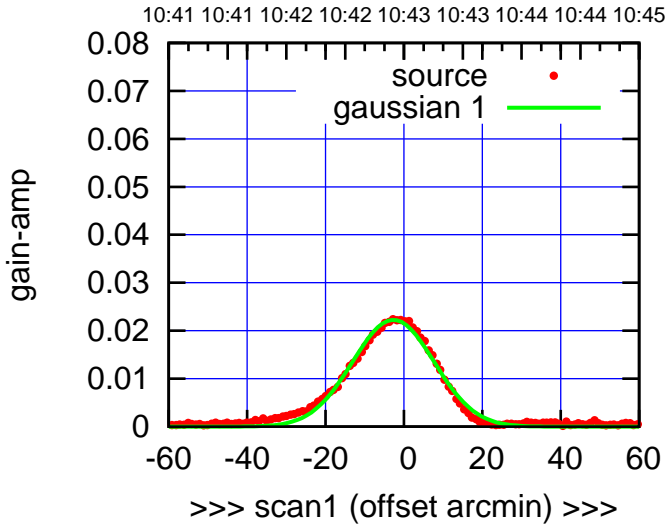


BACKLASH ERROR= 0.1'

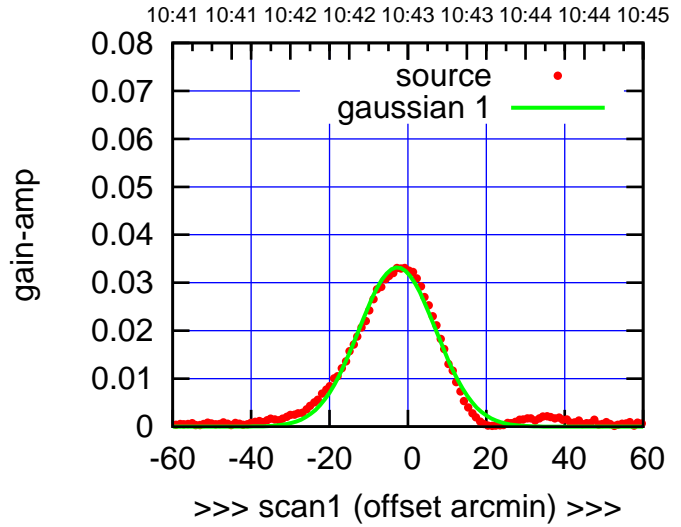


(1371 MHz.)

C13-130-EL OFF= -2.7' (24.5')

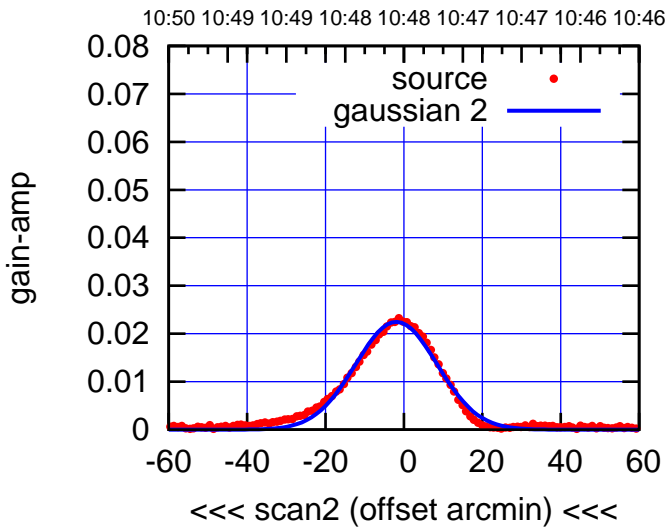


C13-175-EL OFF= -2.7' (23.2')

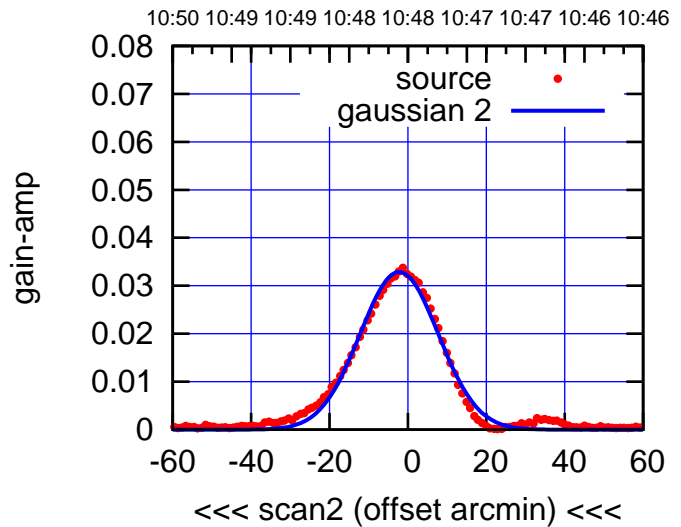


(+30'/m) 18May2017 10:43:00

C13-130-EL OFF= -1.9' (24.5')

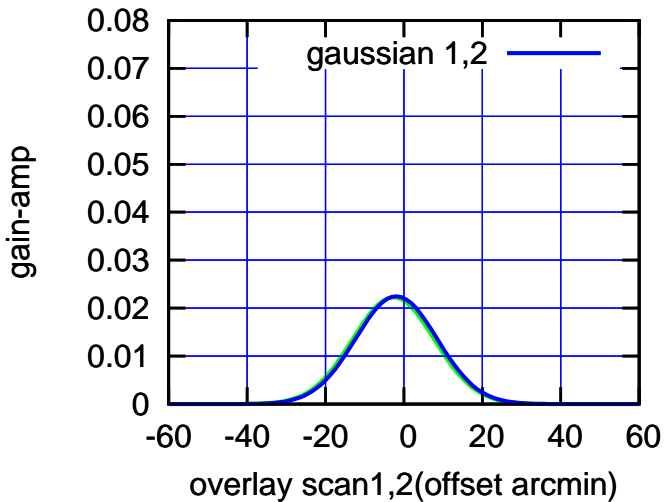


C13-175-EL OFF= -2.2' (23.5')

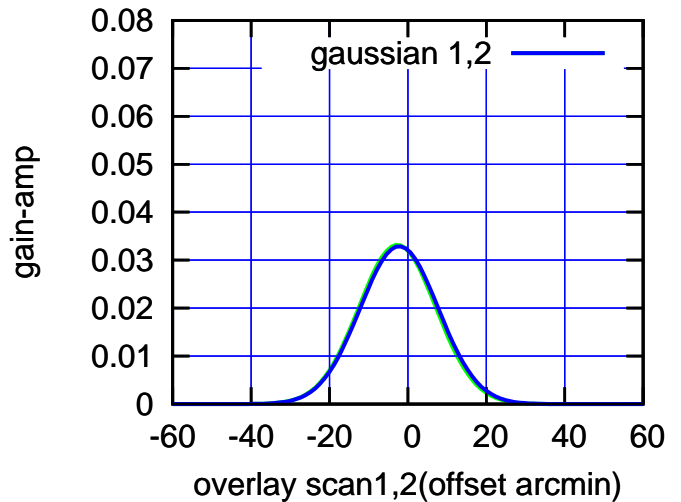


(-30'/m) 18May2017 10:48:00

BACKLASH ERROR= 0.8'

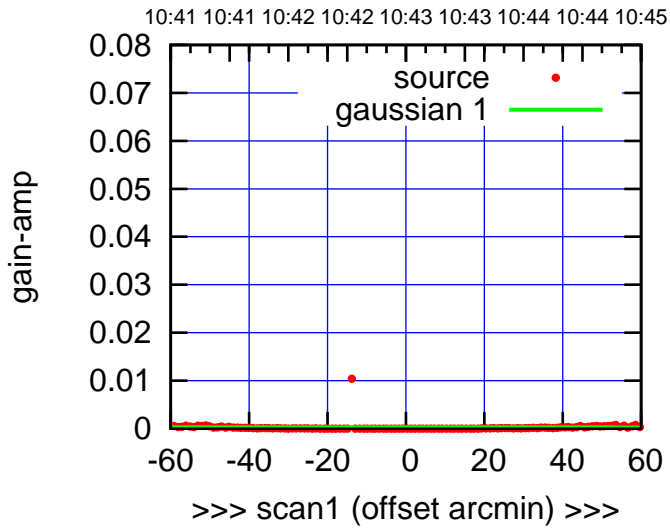


BACKLASH ERROR= 0.5'

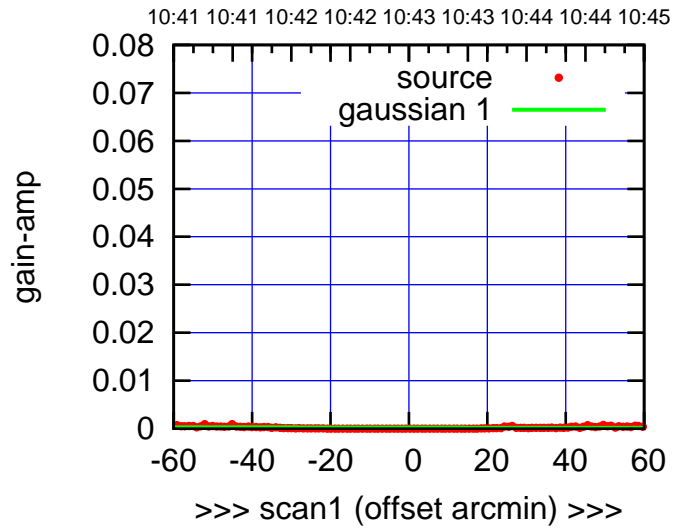


(1371 MHz.)

C14-130-EL OFF= 0.0' (0.0')

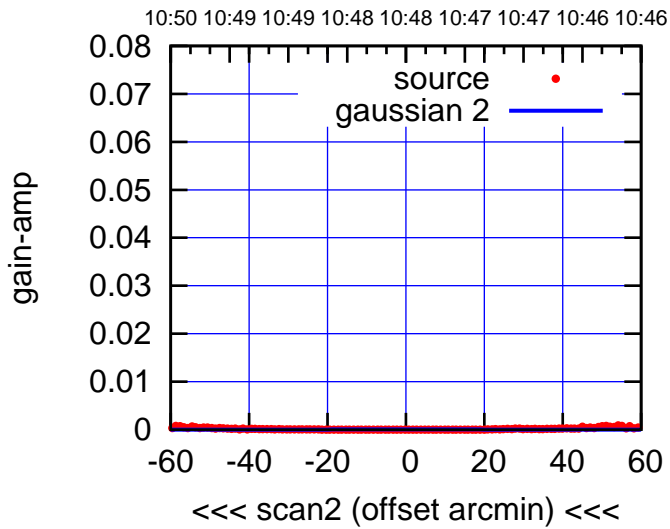


C14-175-EL OFF= 0.0' (0.0')

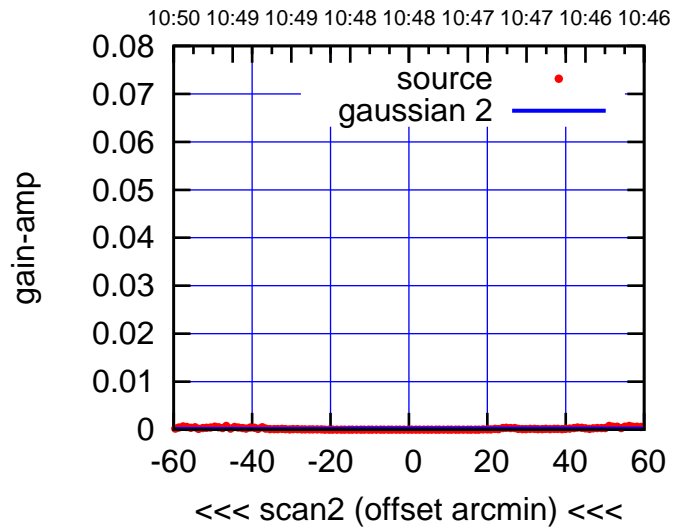


(+30'/m) 18May2017 10:43:00

C14-130-EL OFF= 0.0' (42.4')

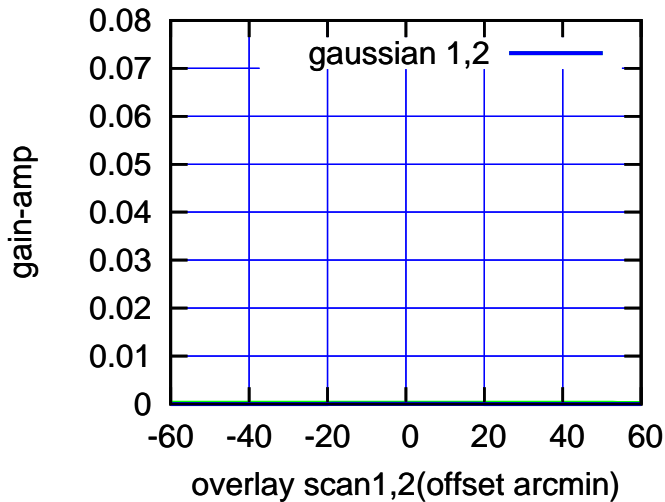


C14-175-EL OFF= 0.0' (0.0')

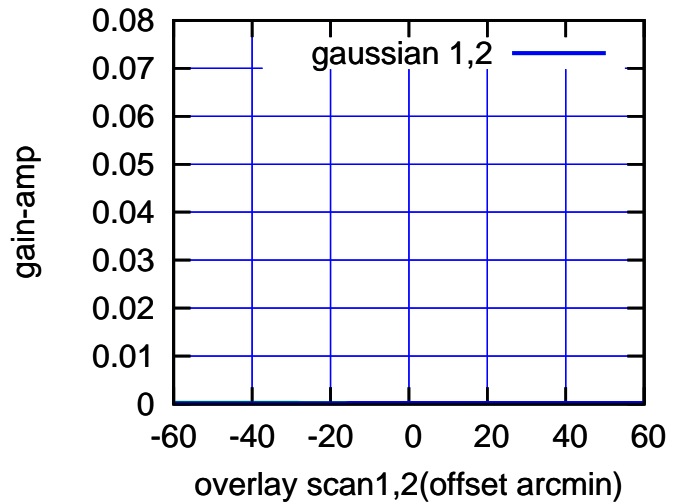


(-30'/m) 18May2017 10:48:00

BACKLASH ERROR= 0.0'



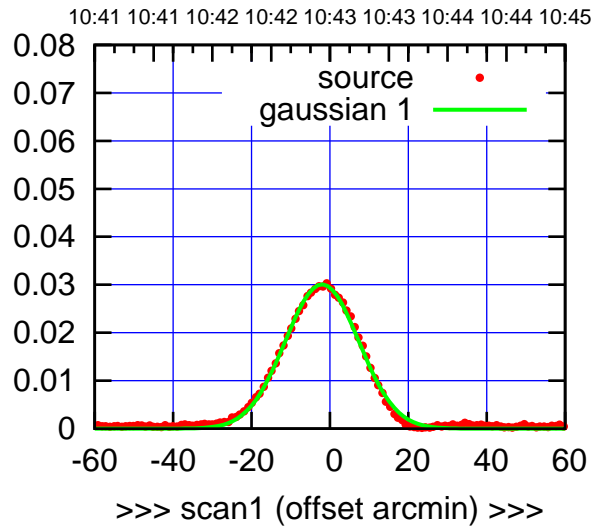
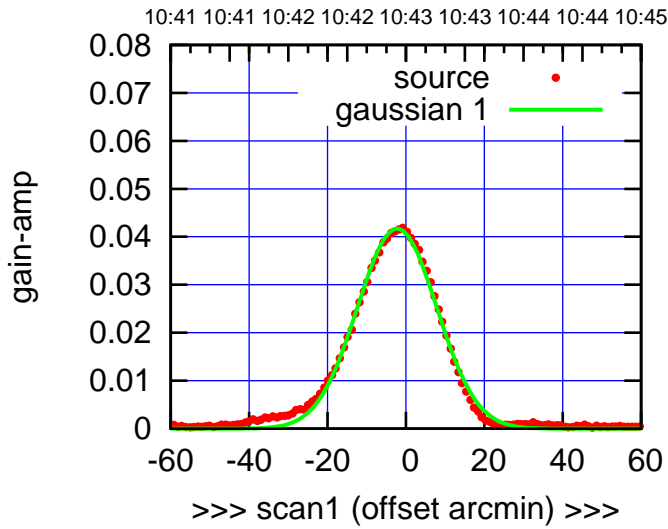
BACKLASH ERROR= 0.0'



(1371 MHz.)

E02-130-EL OFF= -2.3' (23.8')

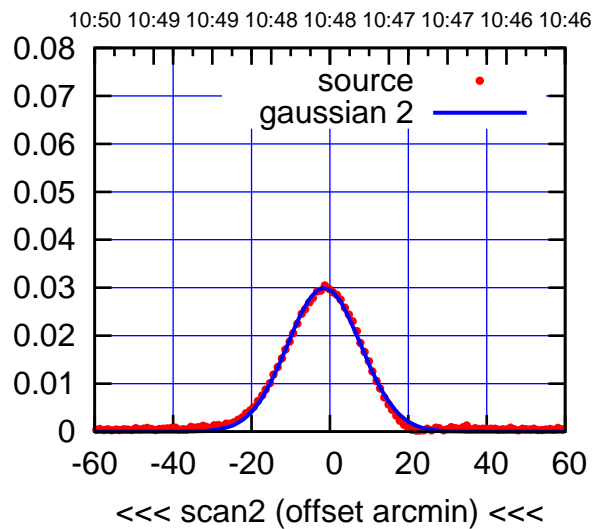
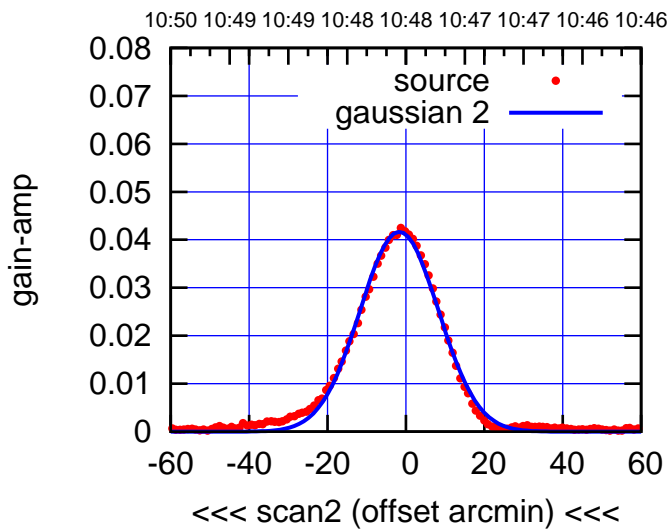
E02-175-EL OFF= -2.0' (22.1')



(+30'/m) 18May2017 10:43:00

E02-130-EL OFF= -1.7' (23.6')

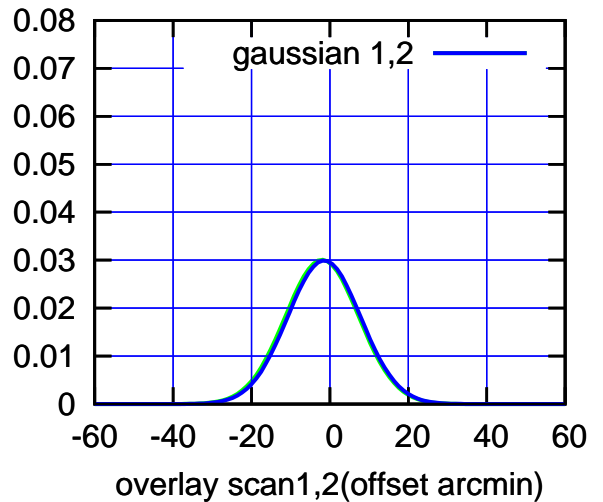
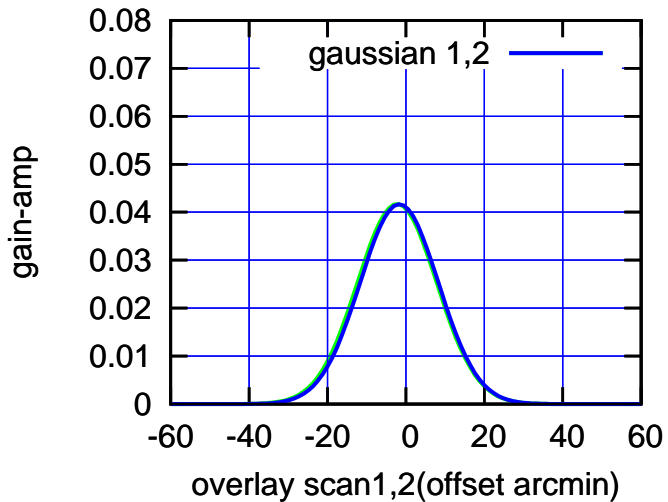
E02-175-EL OFF= -1.5' (22.0')



(-30'/m) 18May2017 10:48:00

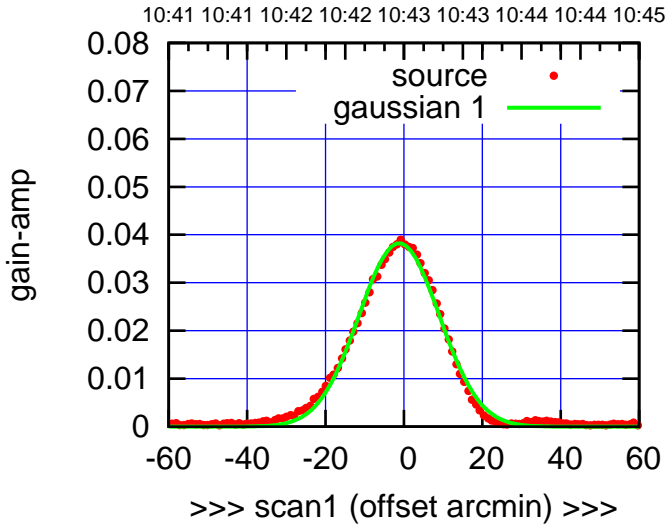
BACKLASH ERROR= 0.6'

BACKLASH ERROR= 0.5'

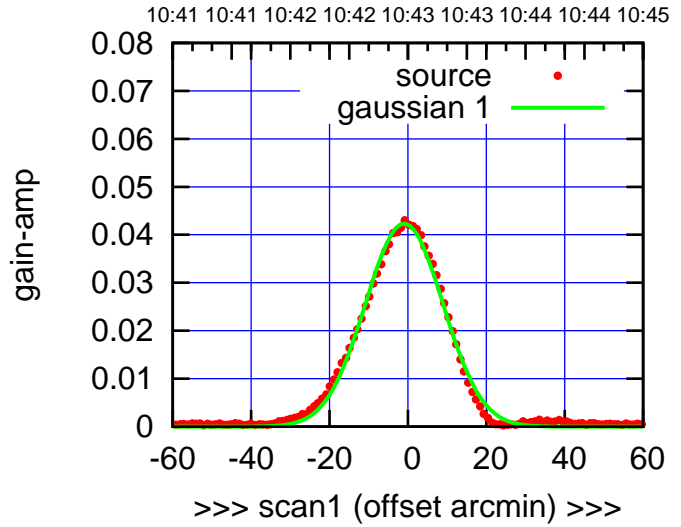


(1371 MHz.)

E03-130-EL OFF= -1.2' (24.1')

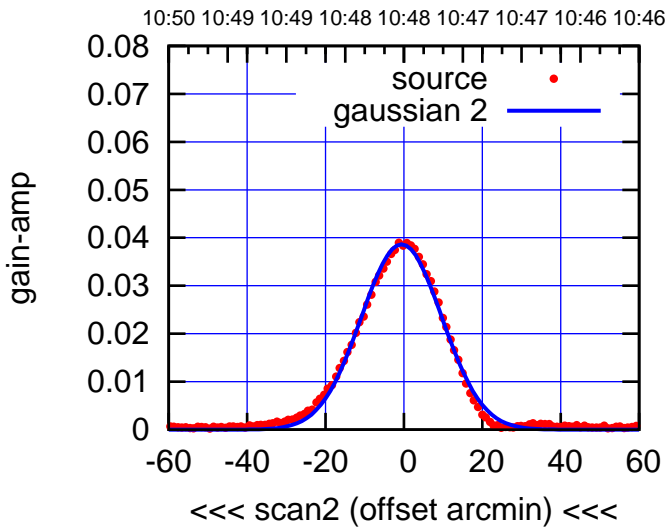


E03-175-EL OFF= -1.0' (23.3')

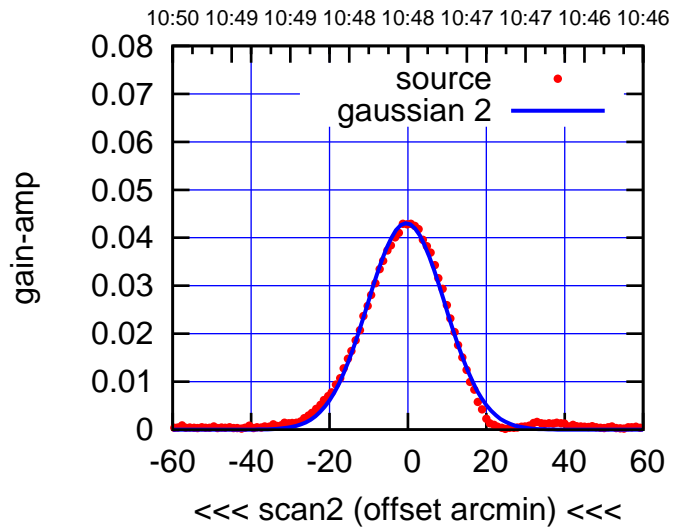


(+30'/m) 18May2017 10:43:00

E03-130-EL OFF= -0.6' (24.2')

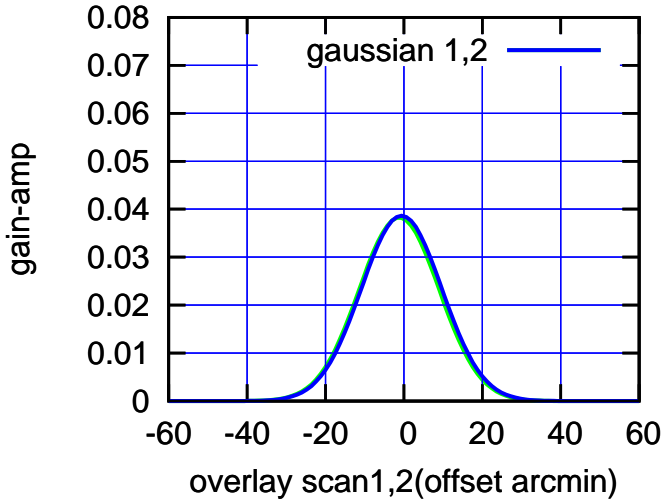


E03-175-EL OFF= -0.4' (23.3')

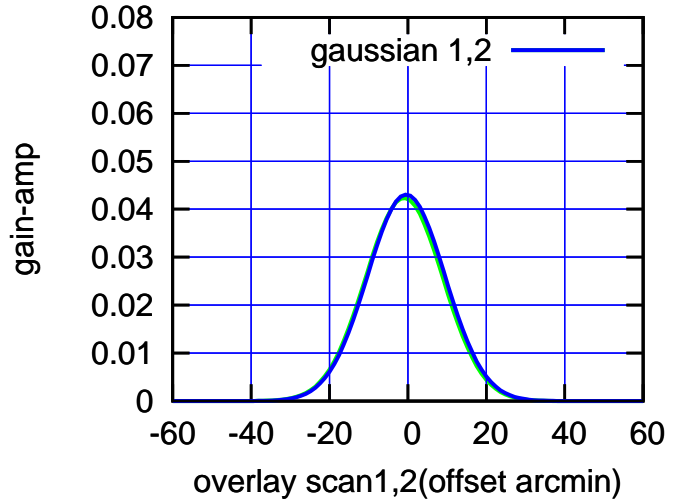


(-30'/m) 18May2017 10:48:00

BACKLASH ERROR= 0.6'

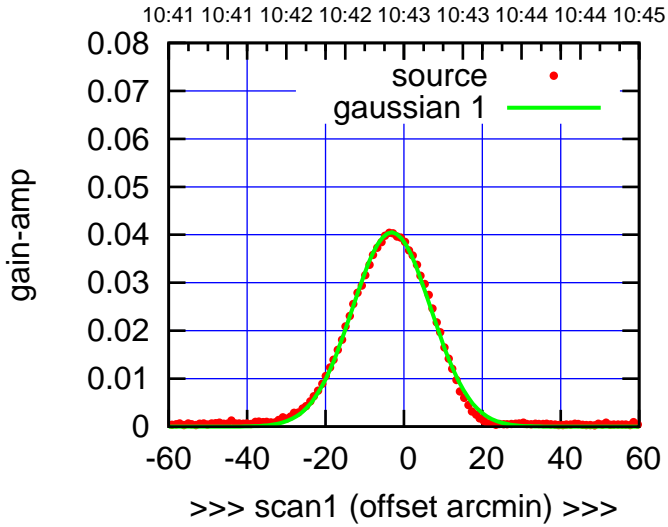


BACKLASH ERROR= 0.6'

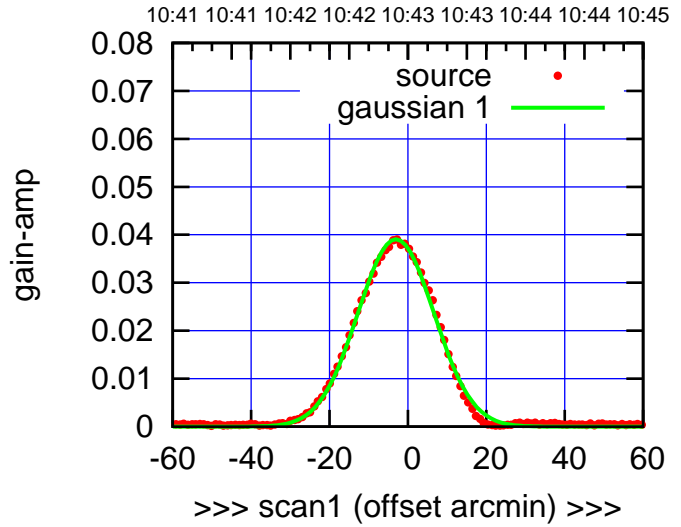


(1371 MHz.)

E04-130-EL OFF= -3.1' (23.6')

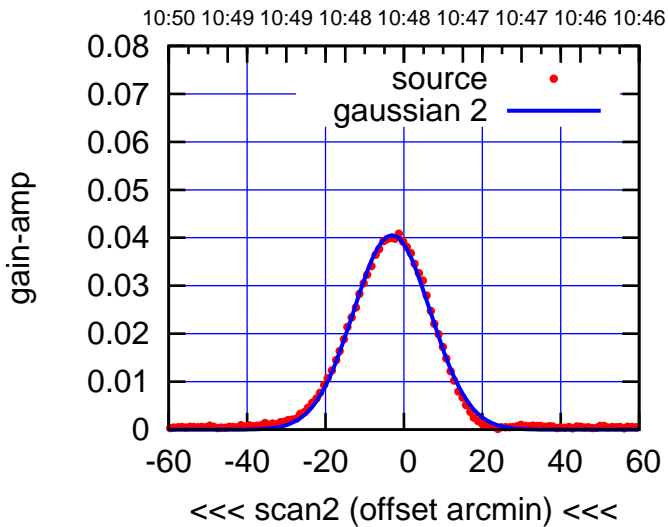


E04-175-EL OFF= -3.1' (22.8')

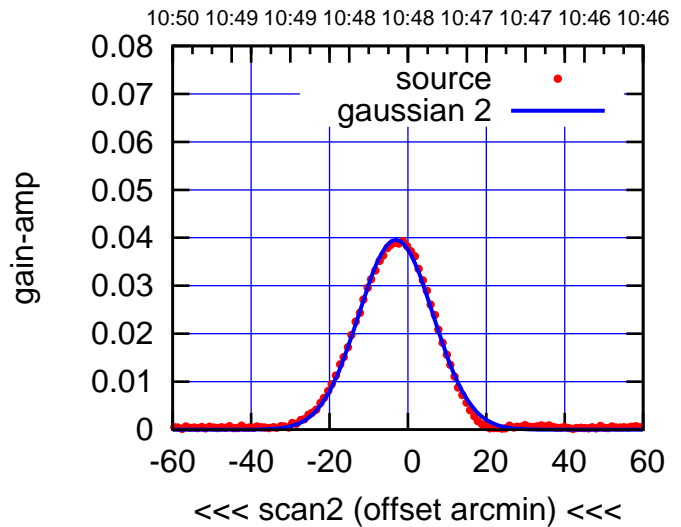


(+30'/m) 18May2017 10:43:00

E04-130-EL OFF= -3.1' (23.1')

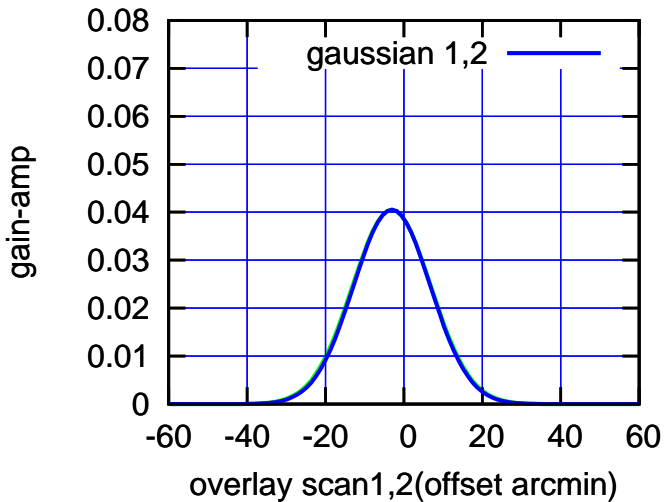


E04-175-EL OFF= -3.1' (22.3')

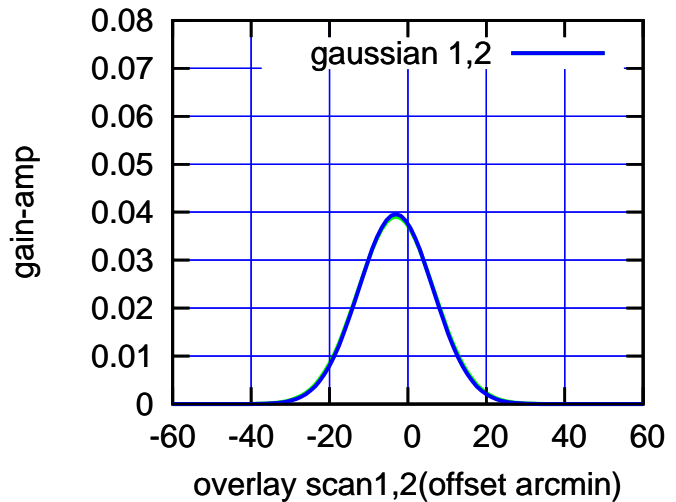


(-30'/m) 18May2017 10:48:00

BACKLASH ERROR= 0.0'

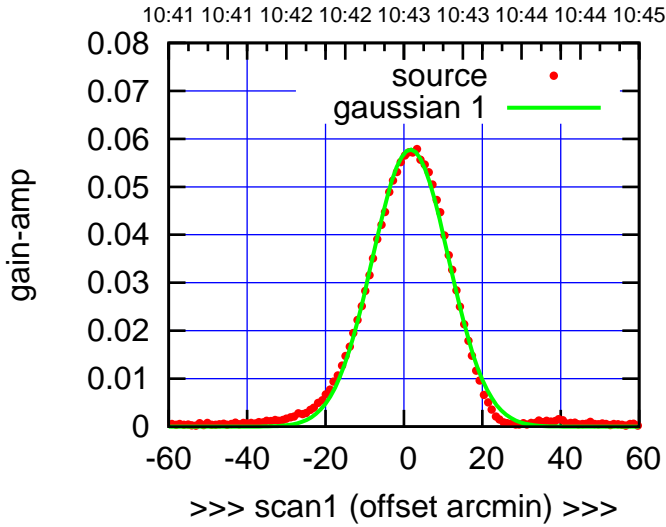


BACKLASH ERROR= 0.0'

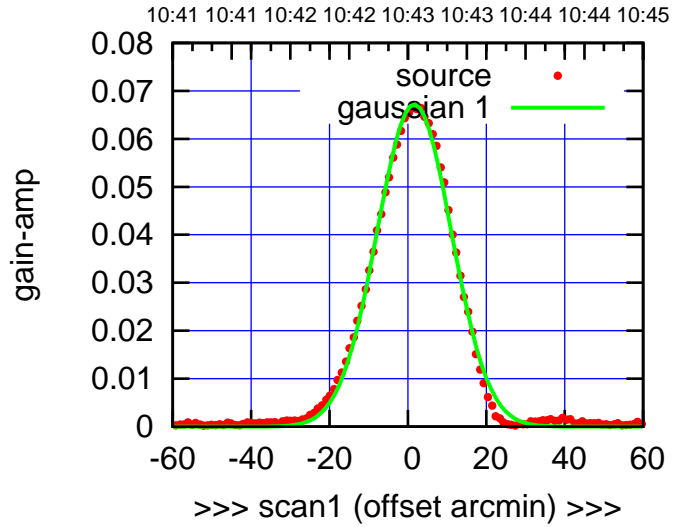


(1371 MHz.)

E05-130-EL OFF= 1.7' (22.9')

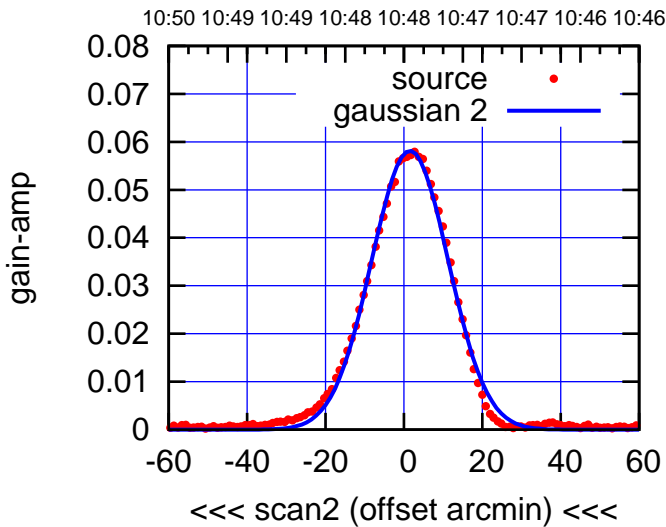


E05-175-EL OFF= 1.6' (22.3')

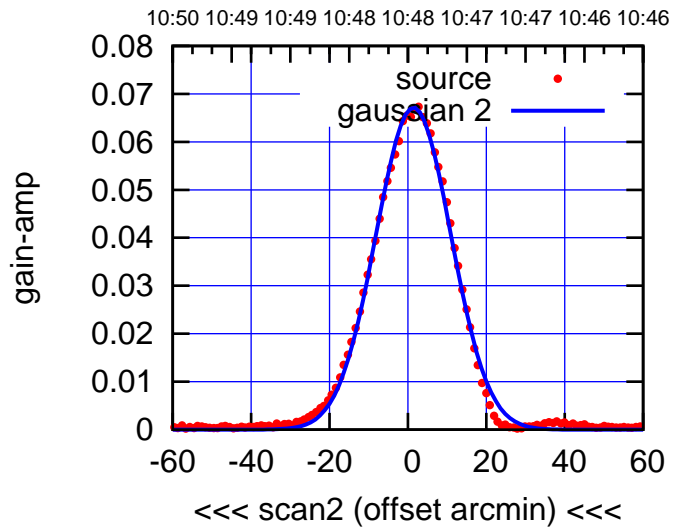


(+30'/m) 18May2017 10:43:00

E05-130-EL OFF= 1.5' (23.0')

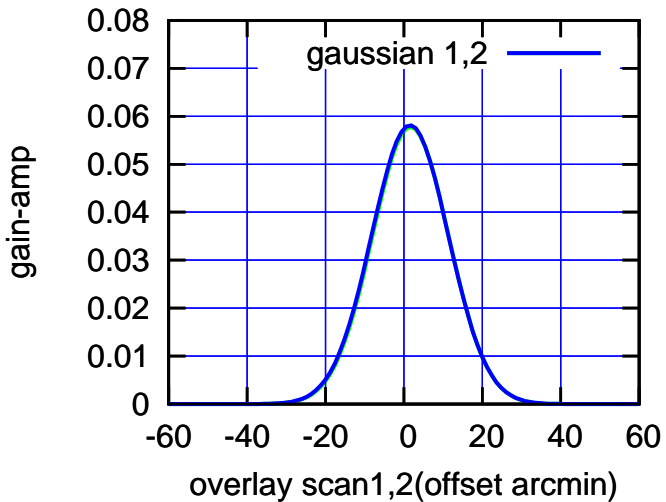


E05-175-EL OFF= 1.4' (22.5')

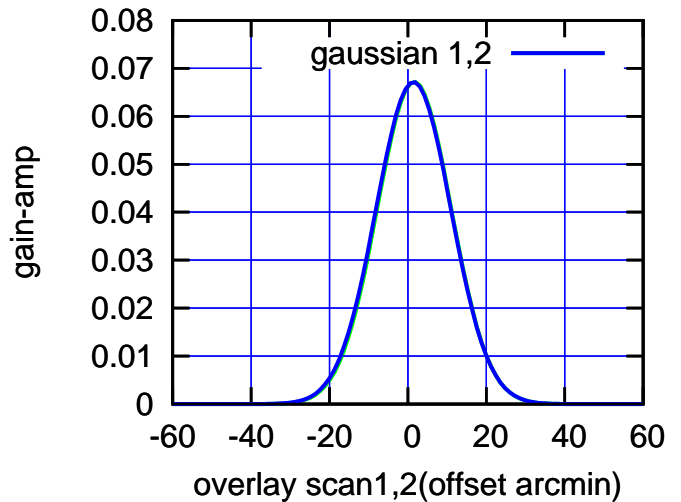


(-30'/m) 18May2017 10:48:00

BACKLASH ERROR= 0.2'



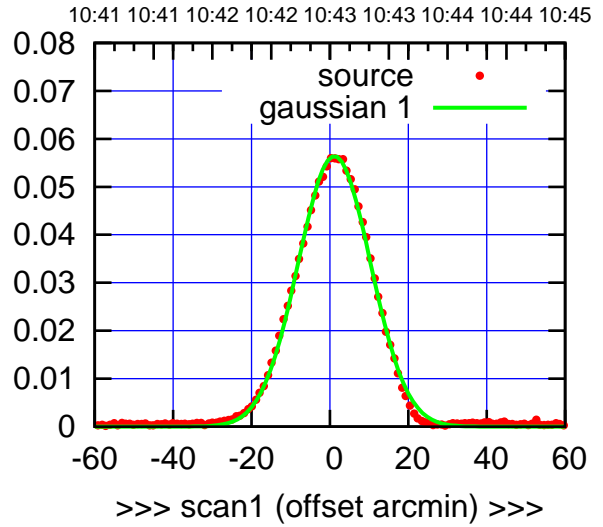
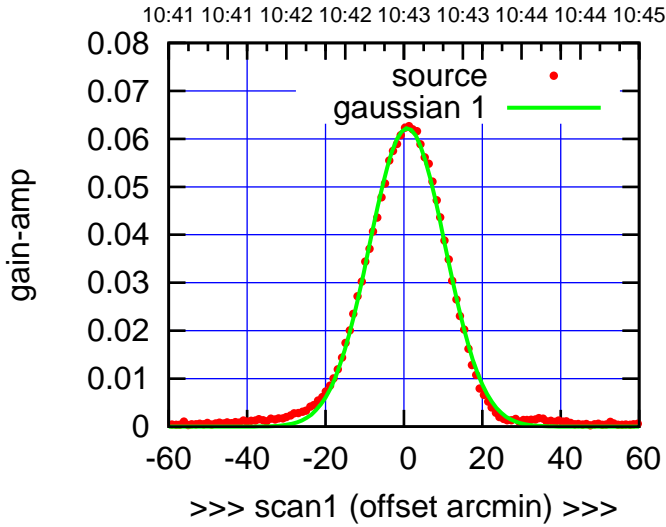
BACKLASH ERROR= 0.2'



(1371 MHz.)

E06-130-EL OFF= 0.9' (22.8')

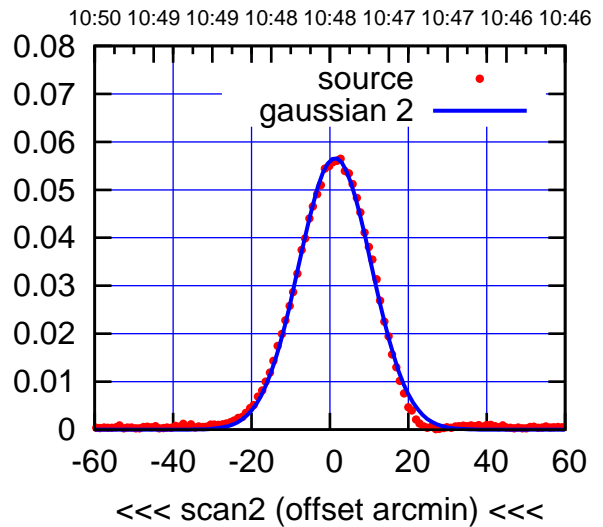
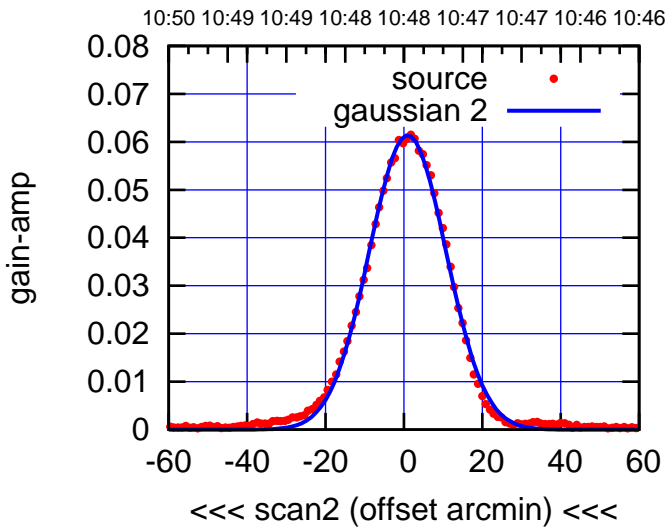
E06-175-EL OFF= 1.1' (21.7')



(+30'/m) 18May2017 10:43:00

E06-130-EL OFF= 1.0' (23.0')

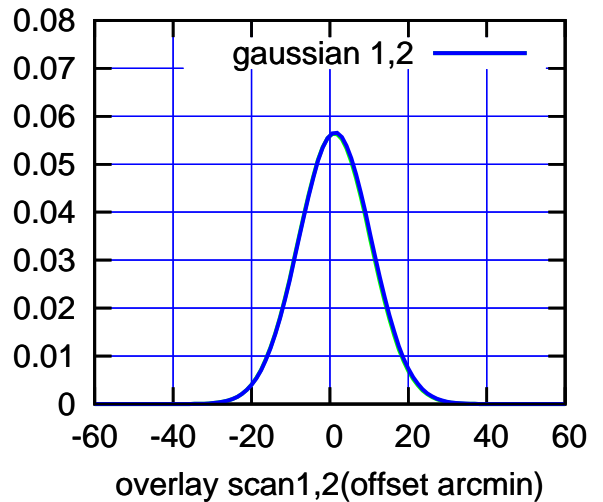
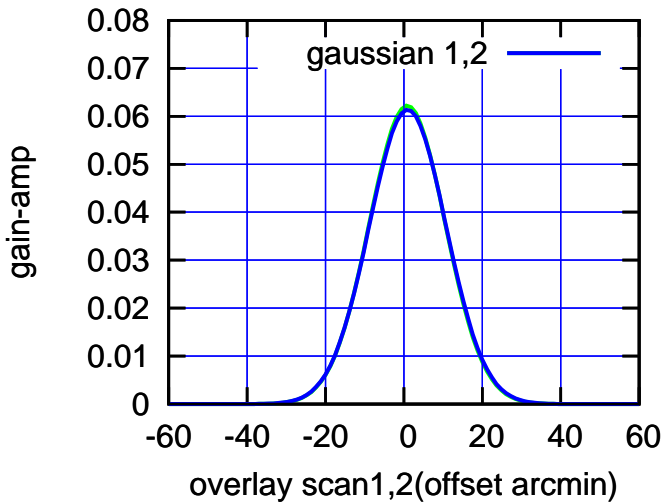
E06-175-EL OFF= 1.3' (21.8')



(-30'/m) 18May2017 10:48:00

BACKLASH ERROR= 0.1'

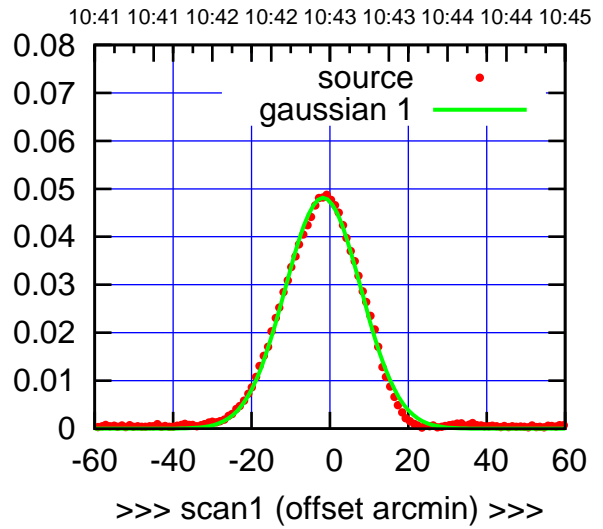
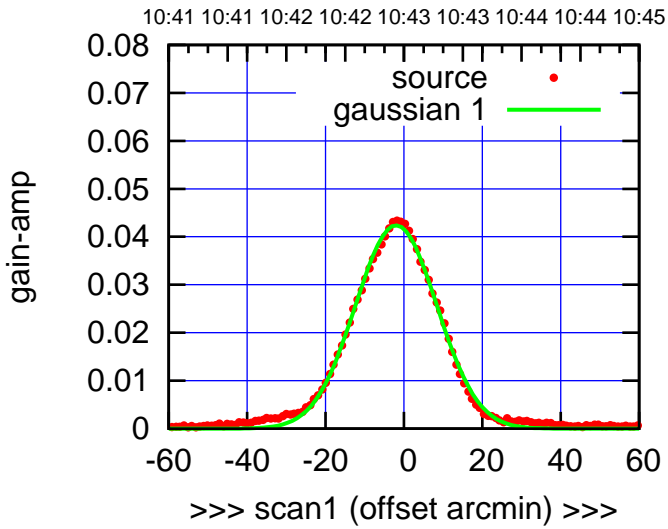
BACKLASH ERROR= 0.2'



(1371 MHz.)

S01-130-EL OFF= -2.0' (24.4')

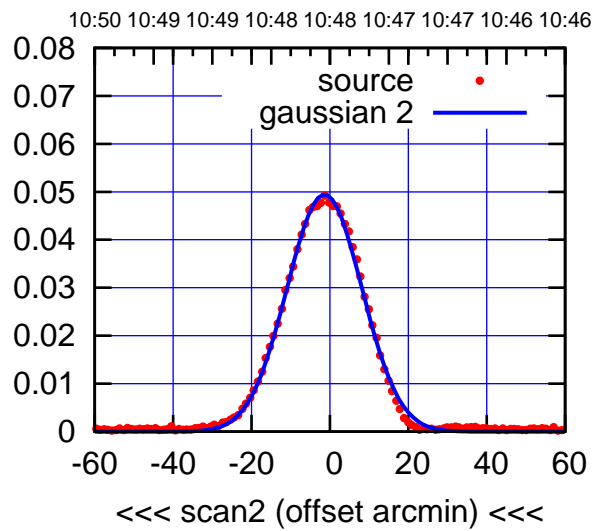
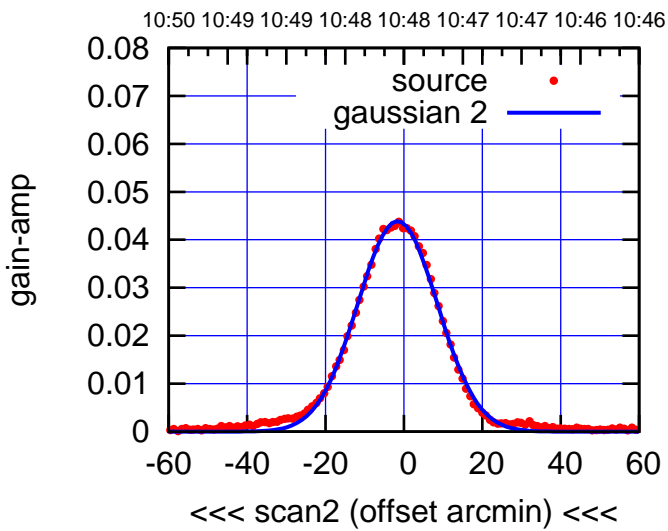
S01-175-EL OFF= -1.8' (22.8')



(+30'/m) 18May2017 10:43:00

S01-130-EL OFF= -1.6' (23.9')

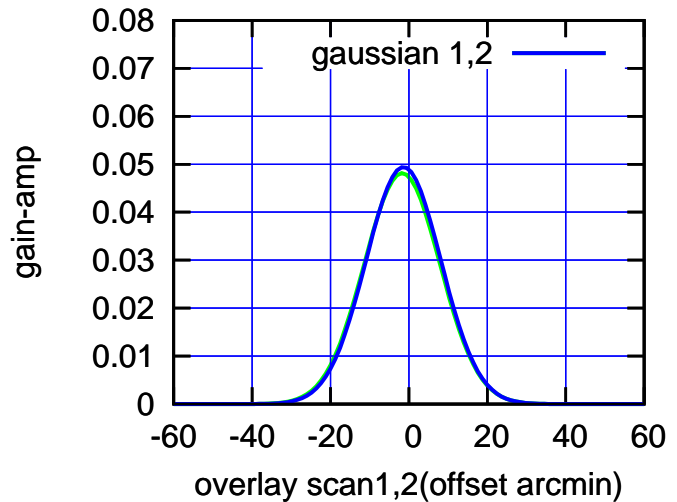
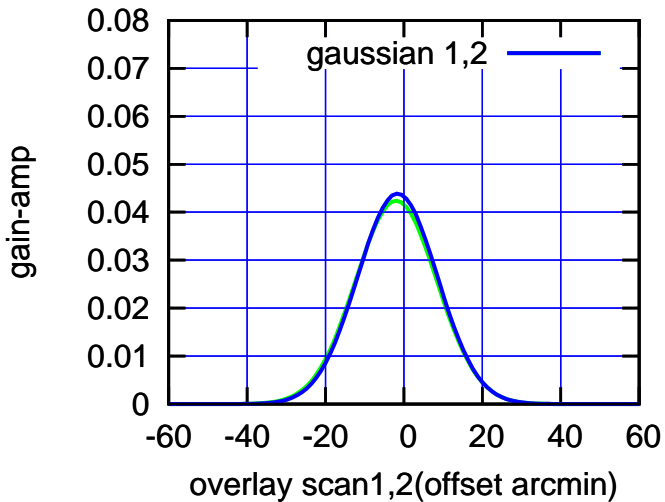
S01-175-EL OFF= -1.4' (22.5')



(-30'/m) 18May2017 10:48:00

BACKLASH ERROR= 0.4'

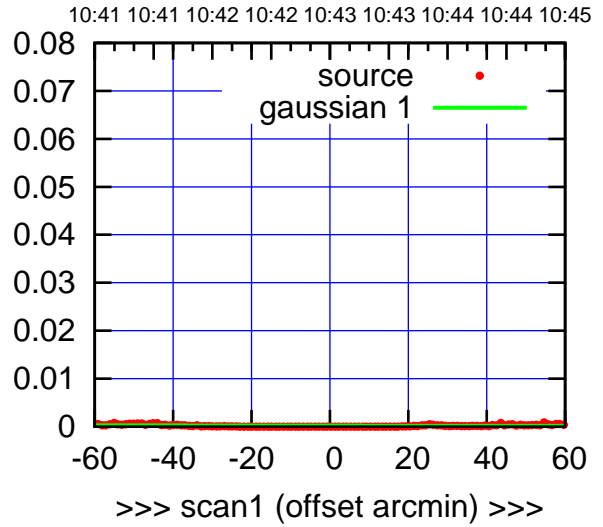
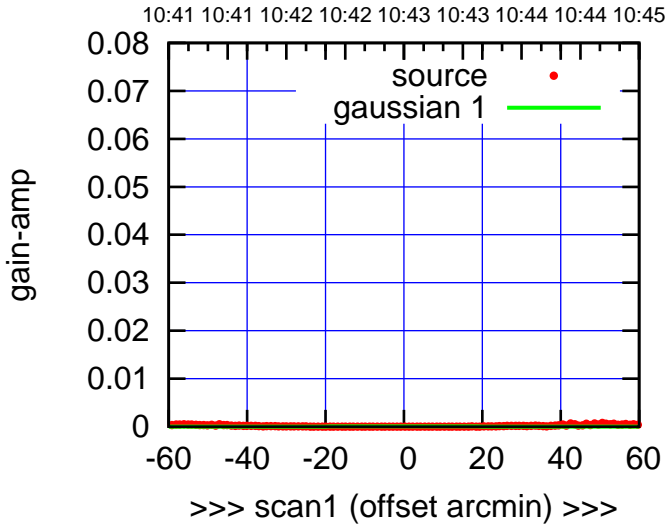
BACKLASH ERROR= 0.4'



(1371 MHz.)

S02-130-EL OFF= 0.0' (42.4')

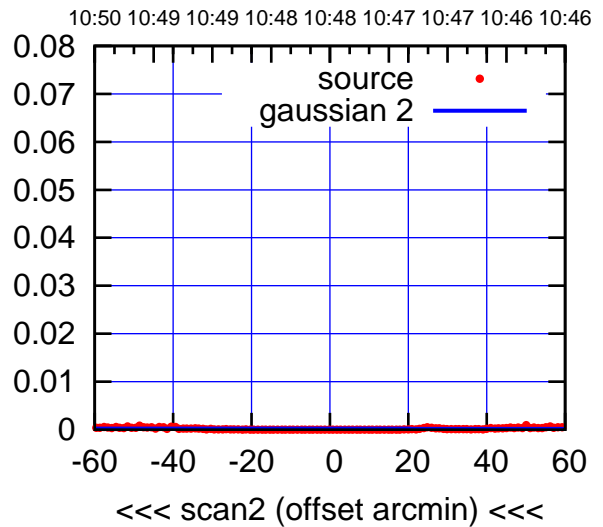
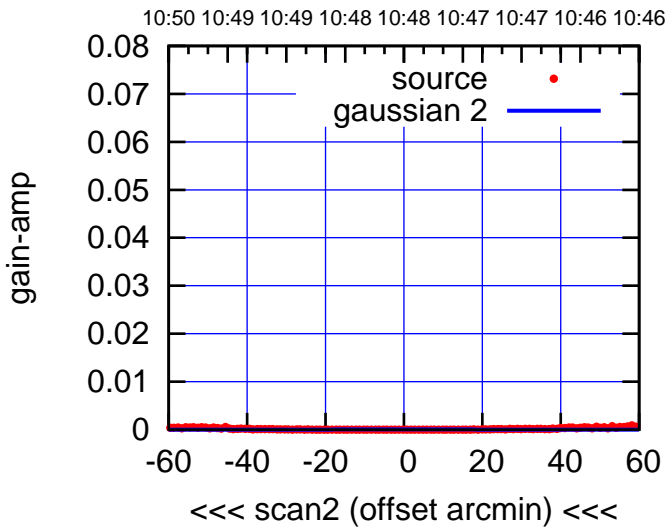
S02-175-EL OFF= 0.0' (0.0')



(+30'/m) 18May2017 10:43:00

S02-130-EL OFF= 0.0' (42.4')

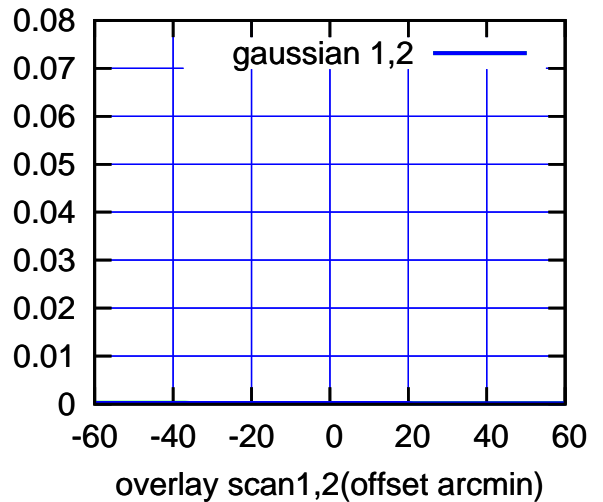
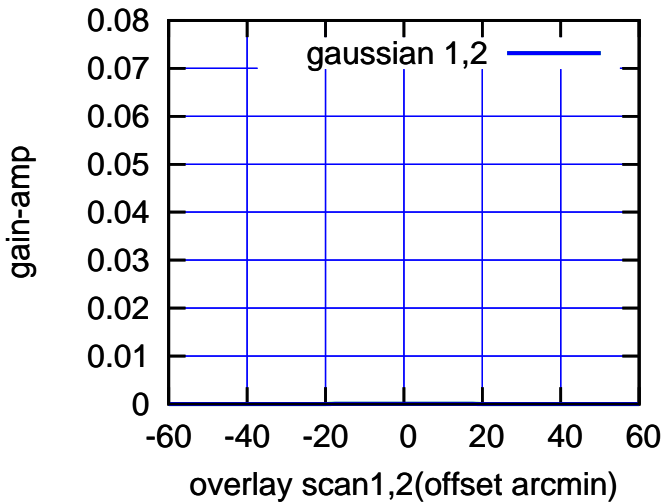
S02-175-EL OFF= 0.0' (0.0')



(-30'/m) 18May2017 10:48:00

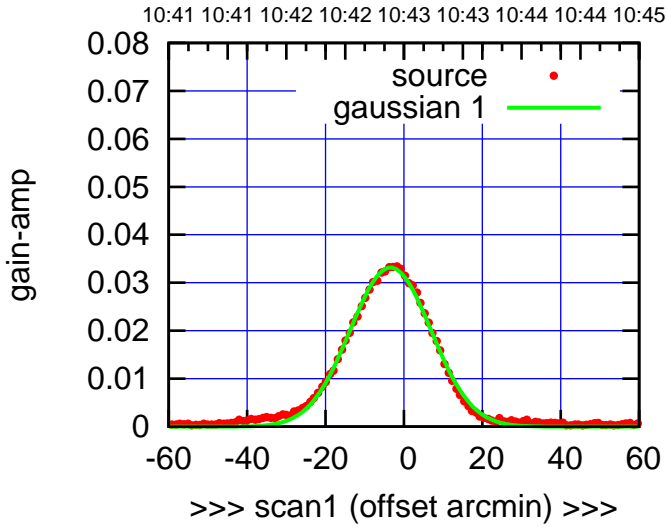
BACKLASH ERROR= 0.0'

BACKLASH ERROR= 0.0'

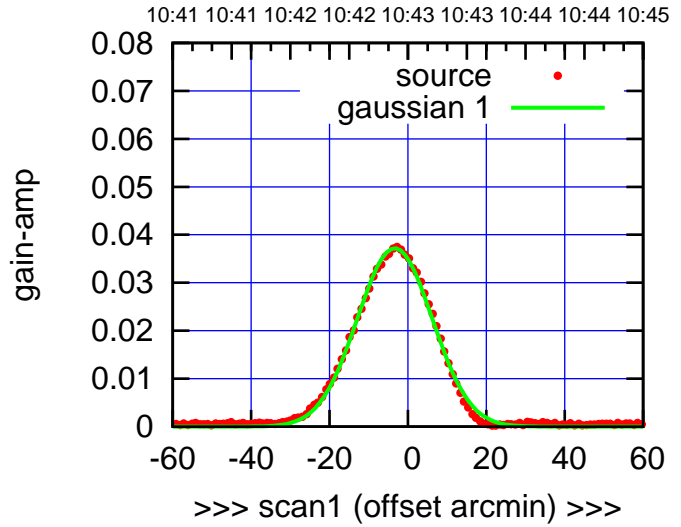


(1371 MHz.)

S03-130-EL OFF= -3.4' (24.3')

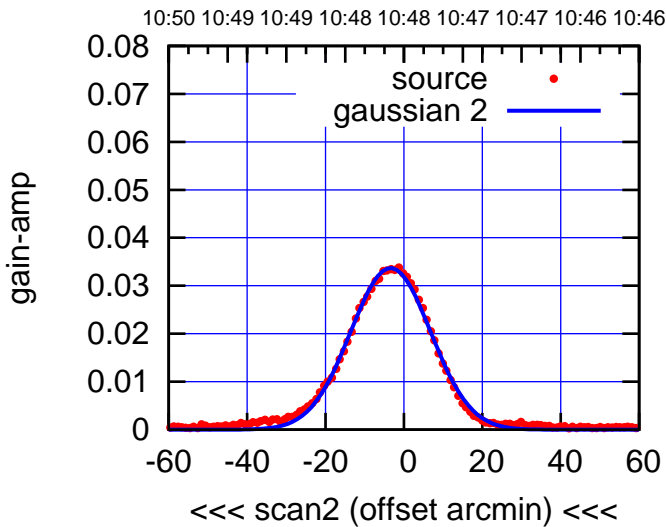


S03-175-EL OFF= -3.3' (22.5')

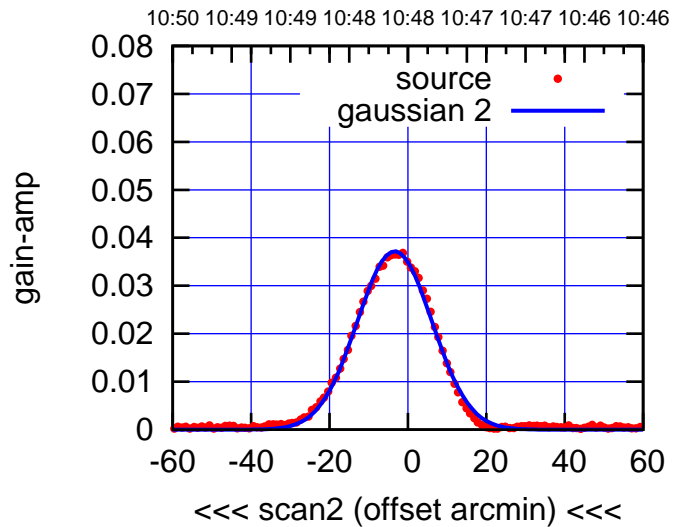


(+30'/m) 18May2017 10:43:00

S03-130-EL OFF= -3.4' (24.0')

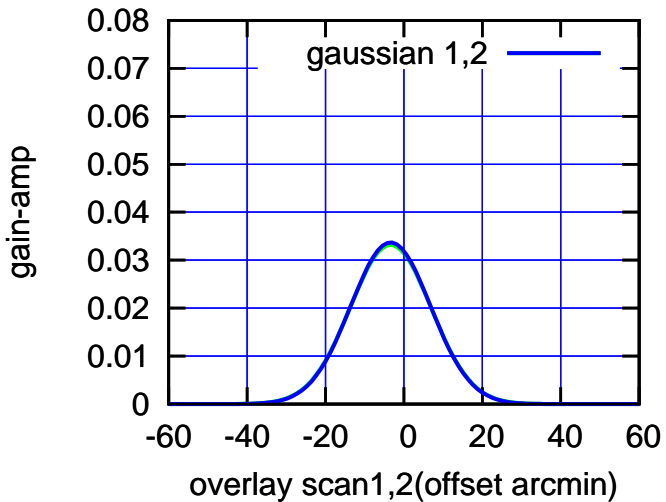


S03-175-EL OFF= -3.4' (22.4')

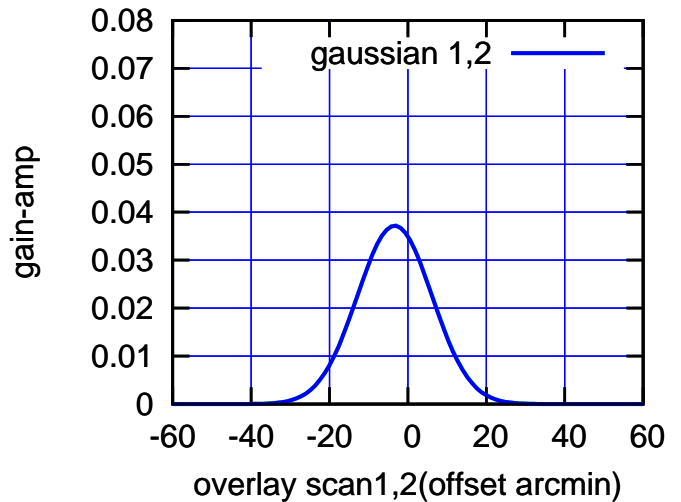


(-30'/m) 18May2017 10:48:00

BACKLASH ERROR= 0.0'



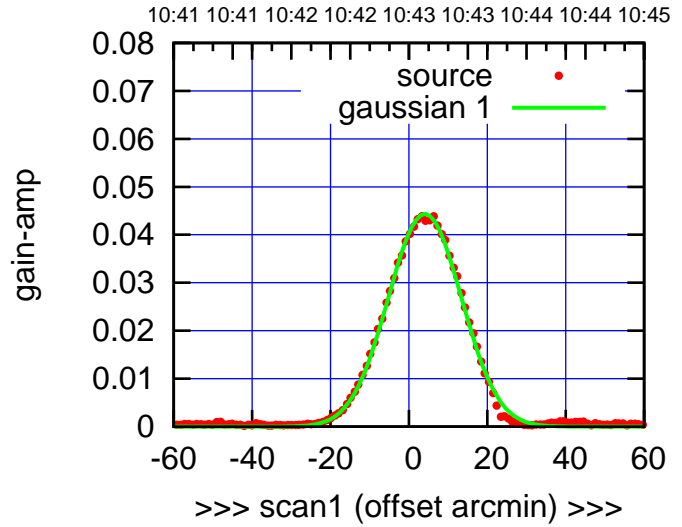
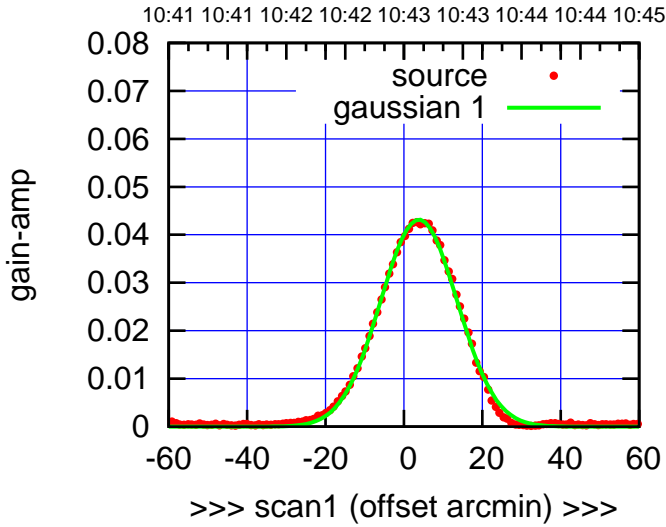
BACKLASH ERROR= 0.1'



(1371 MHz.)

S04-130-EL OFF= 3.8' (23.0')

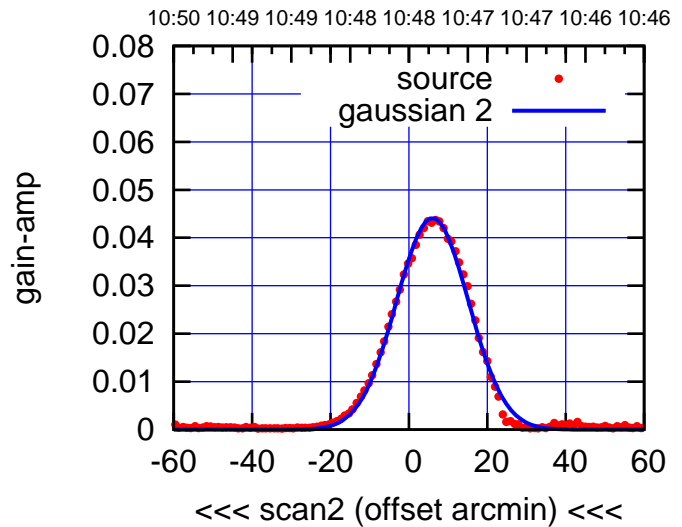
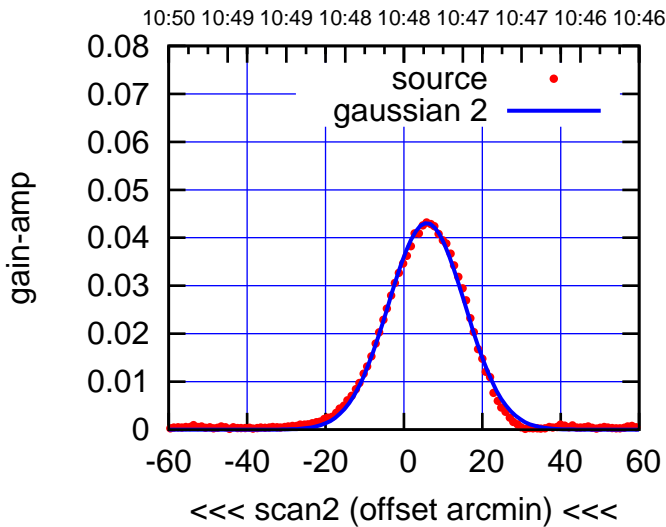
S04-175-EL OFF= 4.1' (21.9')



(+30'/m) 18May2017 10:43:00

S04-130-EL OFF= 5.8' (23.0')

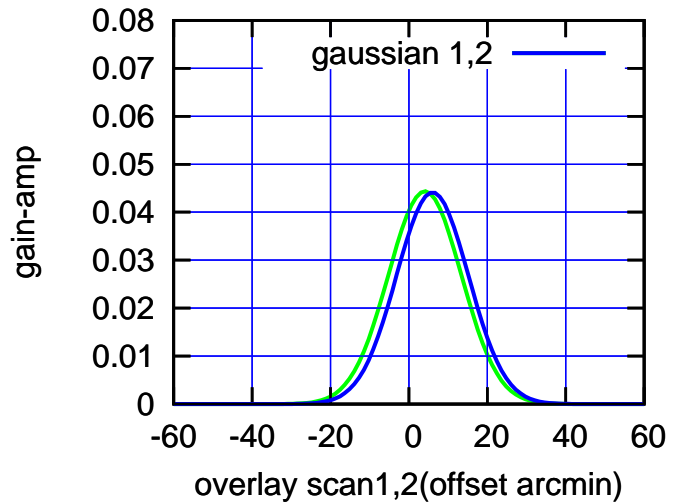
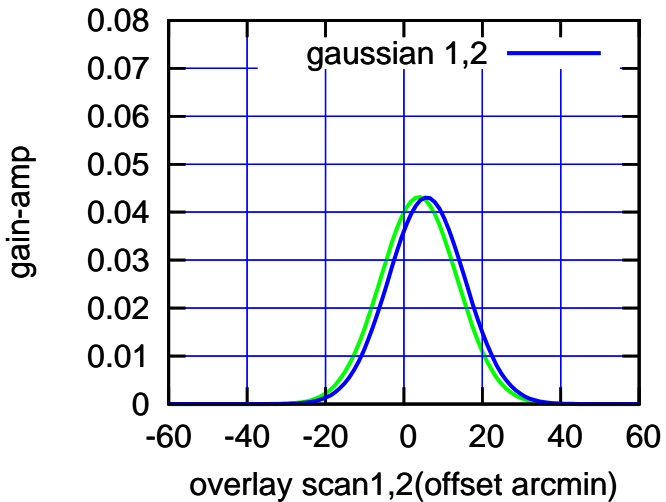
S04-175-EL OFF= 6.0' (21.6')



(-30'/m) 18May2017 10:48:00

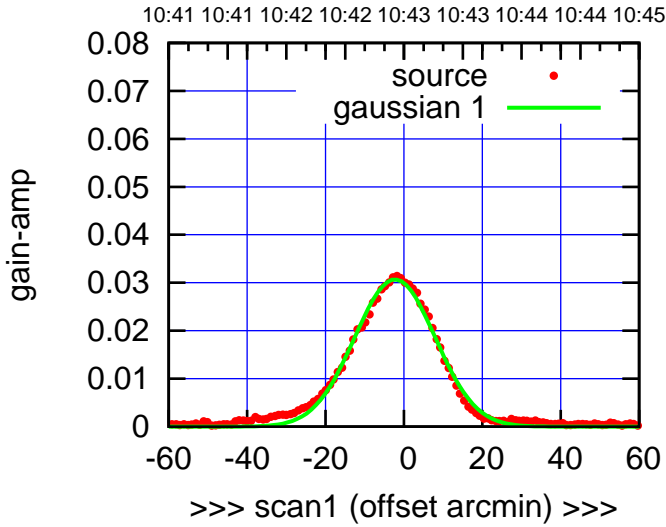
BACKLASH ERROR= 2.0'

BACKLASH ERROR= 1.9'

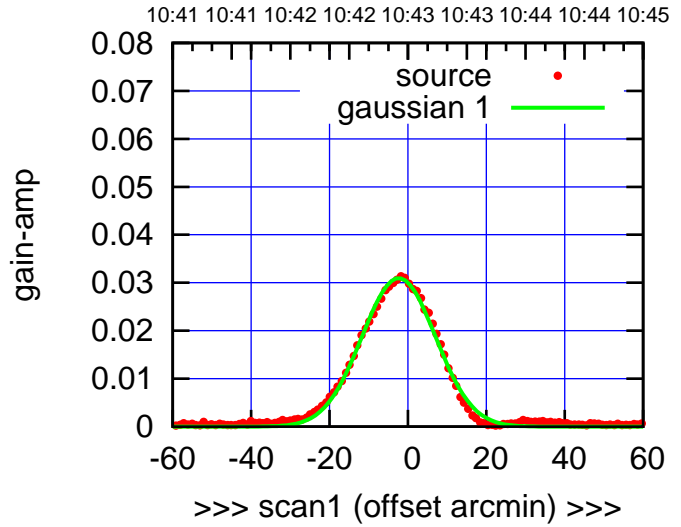


(1371 MHz.)

S06-130-EL OFF= -2.3' (24.2')

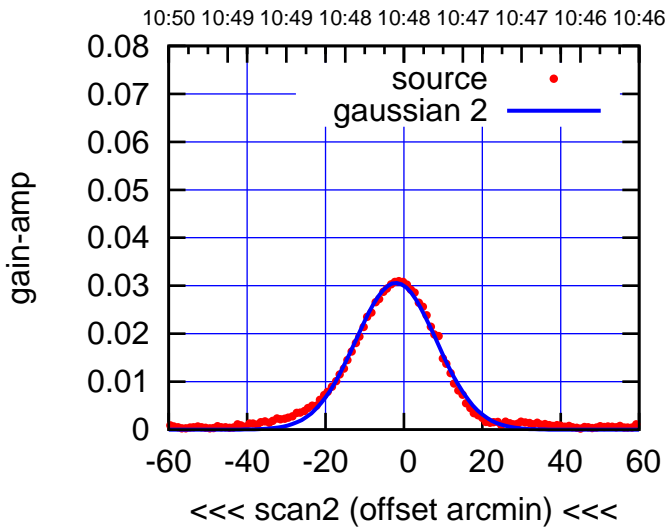


S06-175-EL OFF= -2.3' (22.1')

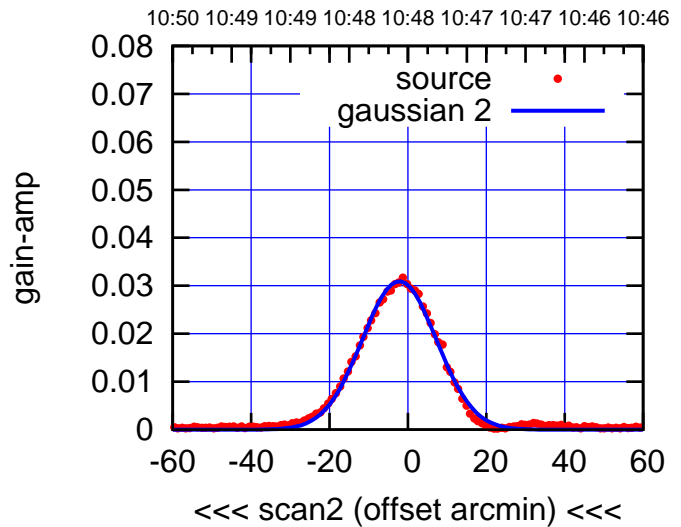


(+30'/m) 18May2017 10:43:00

S06-130-EL OFF= -2.0' (24.3')

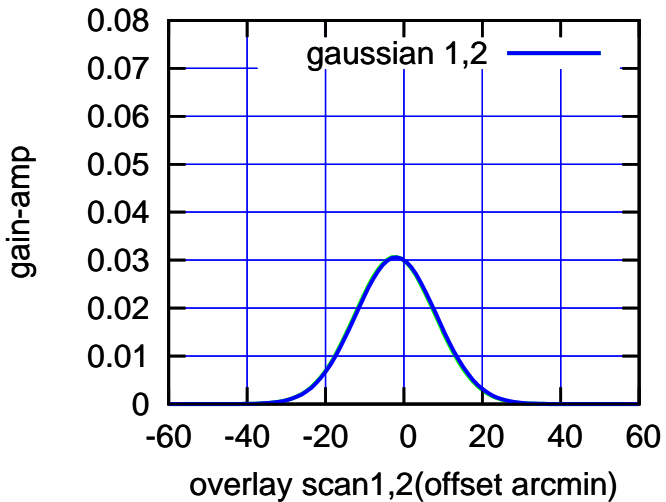


S06-175-EL OFF= -2.2' (22.3')

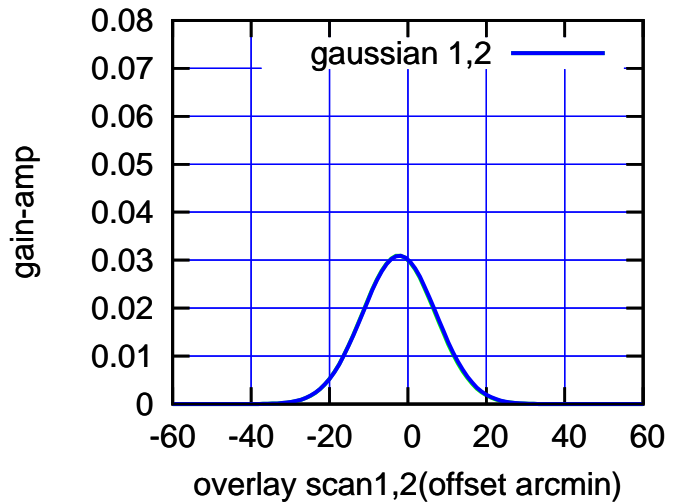


(-30'/m) 18May2017 10:48:00

BACKLASH ERROR= 0.3'

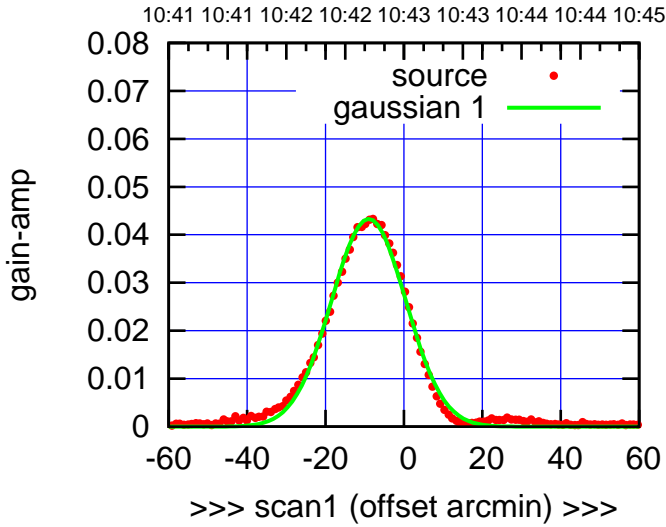


BACKLASH ERROR= 0.1'

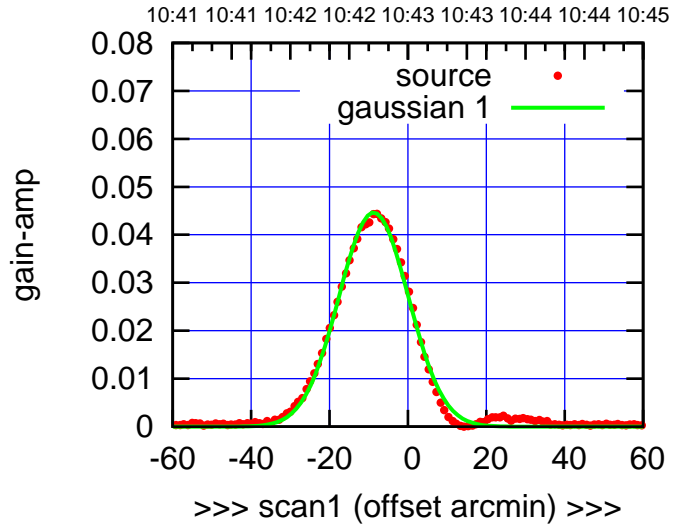


(1371 MHz.)

W01-130-EL OFF= -9.0' (22.3')

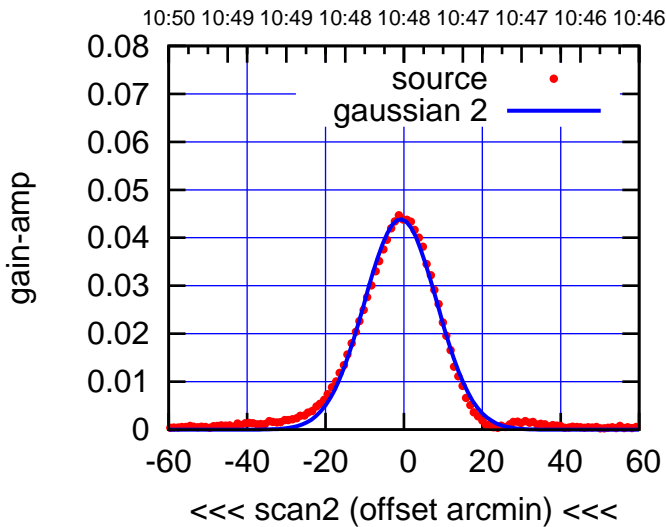


W01-175-EL OFF= -8.7' (20.9')

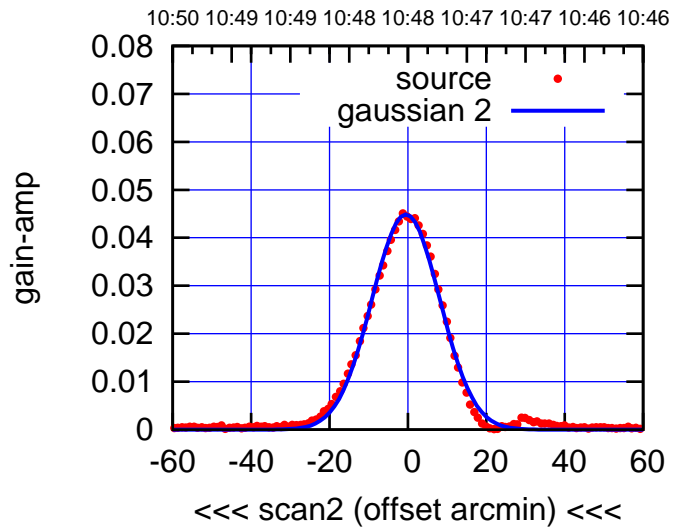


(+30'/m) 18May2017 10:43:00

W01-130-EL OFF= -0.8' (21.7')

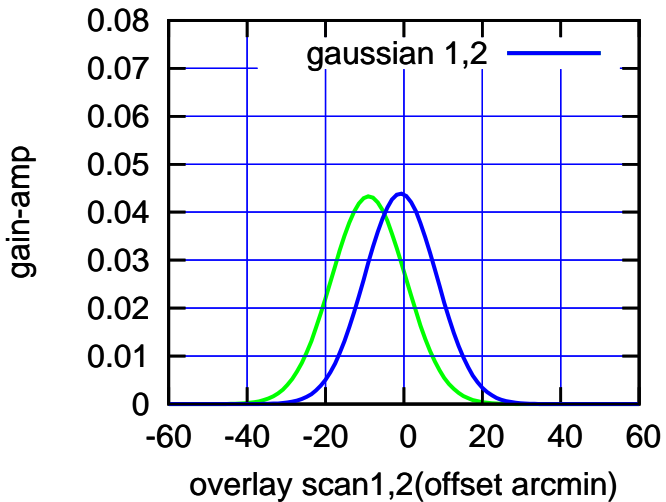


W01-175-EL OFF= -0.5' (20.4')

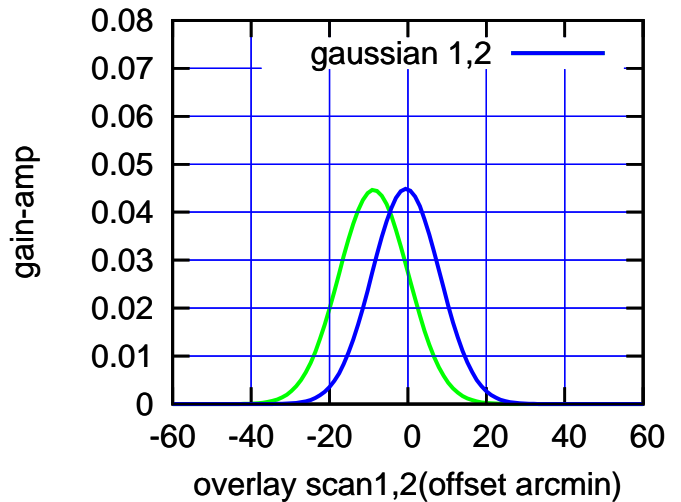


(-30'/m) 18May2017 10:48:00

BACKLASH ERROR= 8.2'

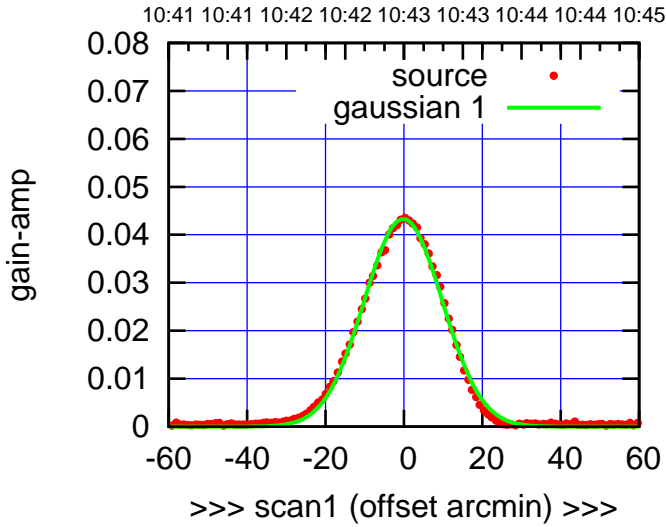


BACKLASH ERROR= 8.2'

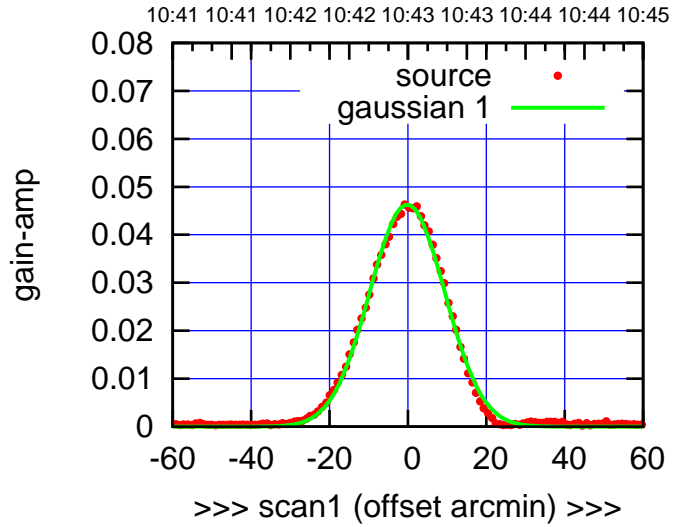


(1371 MHz.)

W02-130-EL OFF= -0.2' (23.4')

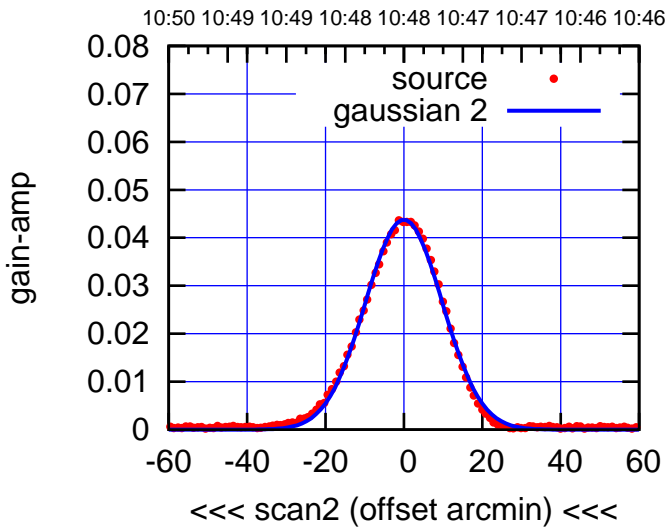


W02-175-EL OFF= -0.2' (22.5')

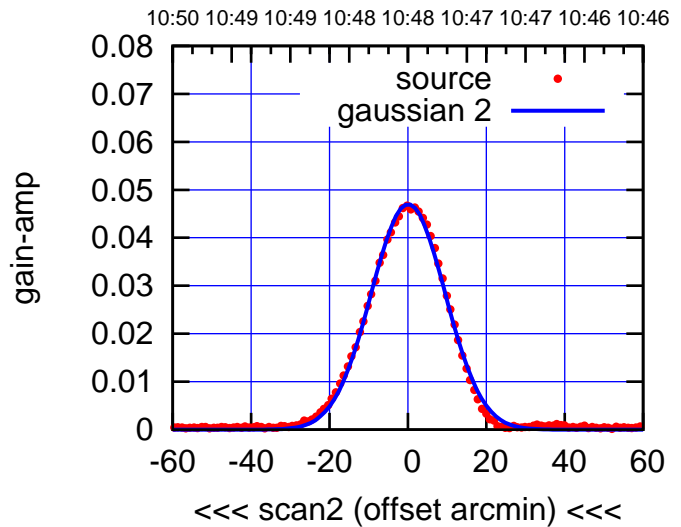


(+30'/m) 18May2017 10:43:00

W02-130-EL OFF= -0.0' (23.1')

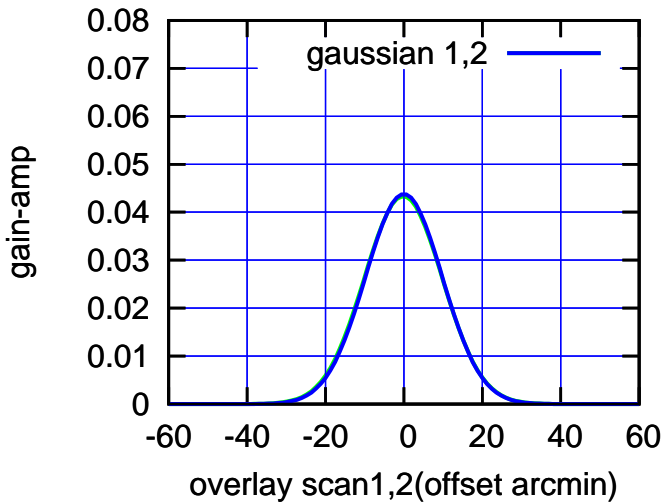


W02-175-EL OFF= 0.1' (22.2')

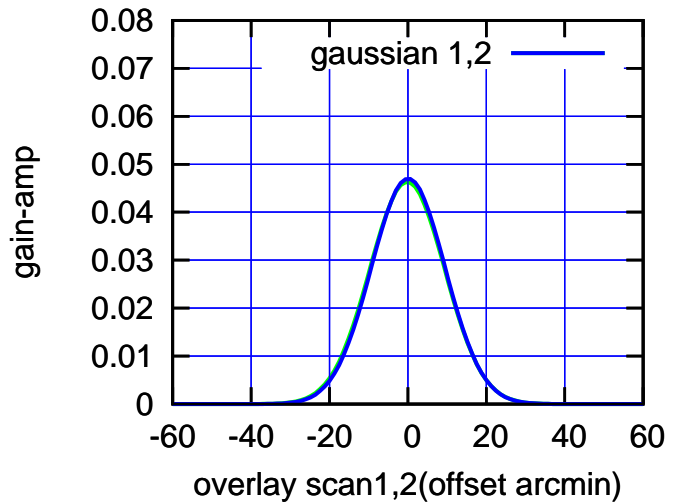


(-30'/m) 18May2017 10:48:00

BACKLASH ERROR= 0.2'



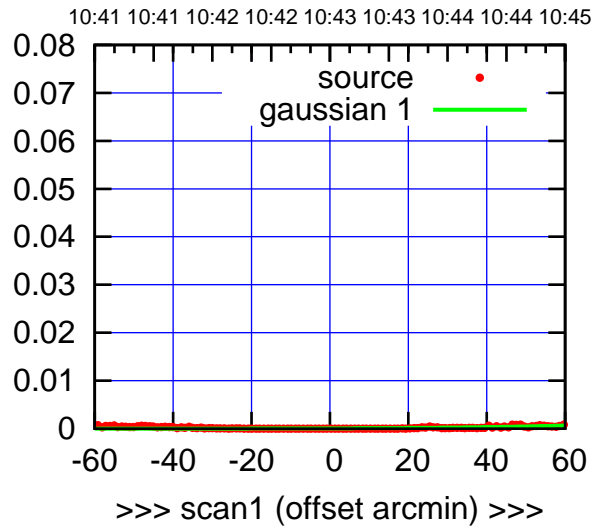
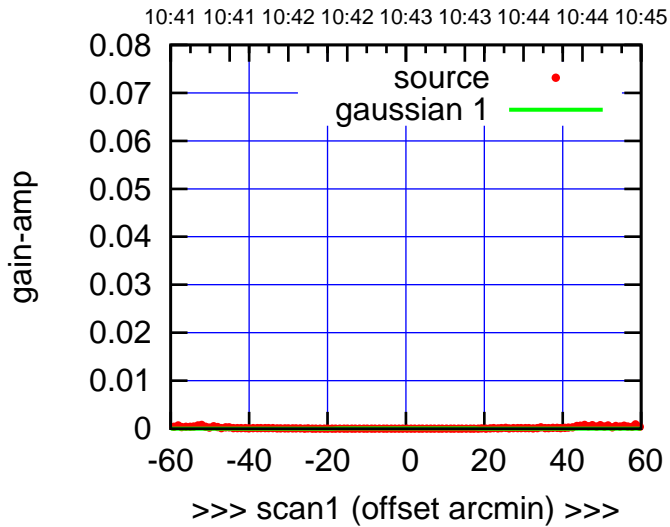
BACKLASH ERROR= 0.3'



(1371 MHz.)

W03-130-EL OFF= 0.0' (42.4')

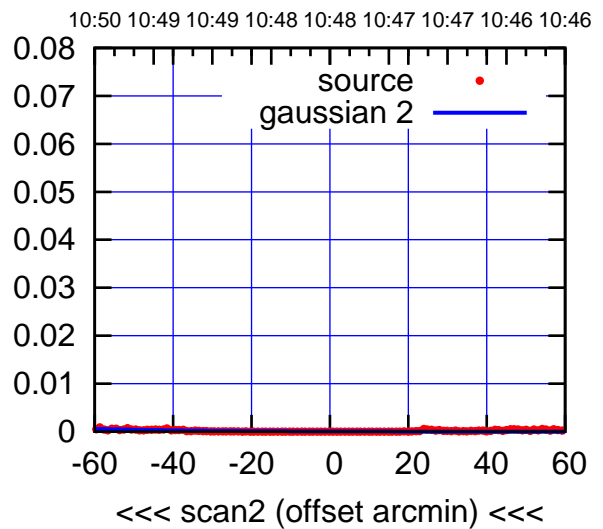
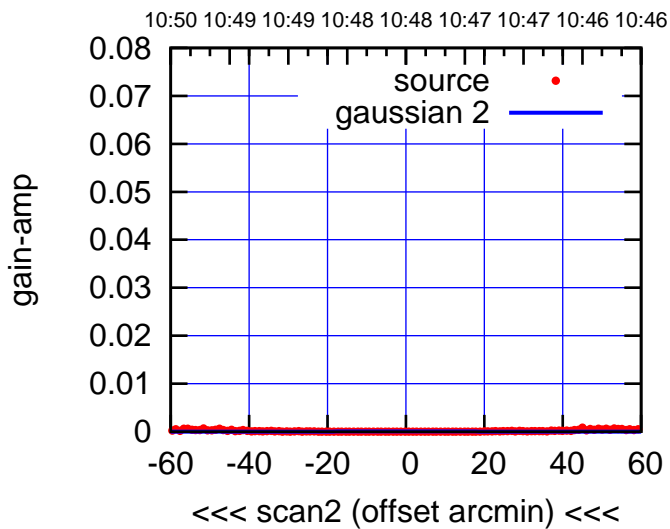
W03-175-EL OFF= 0.0' (0.0')



(+30'/m) 18May2017 10:43:00

W03-130-EL OFF= 0.0' (42.4')

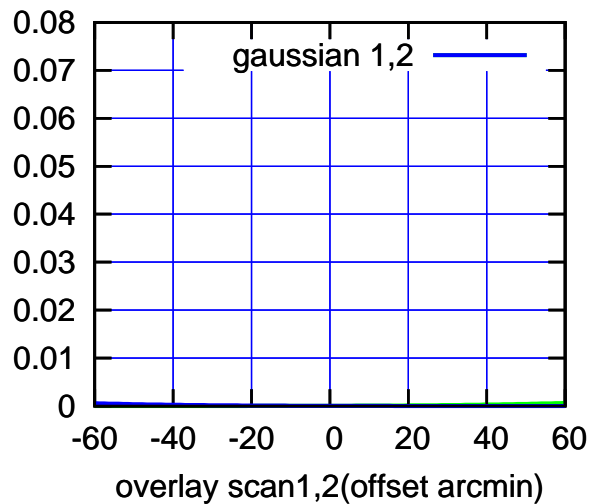
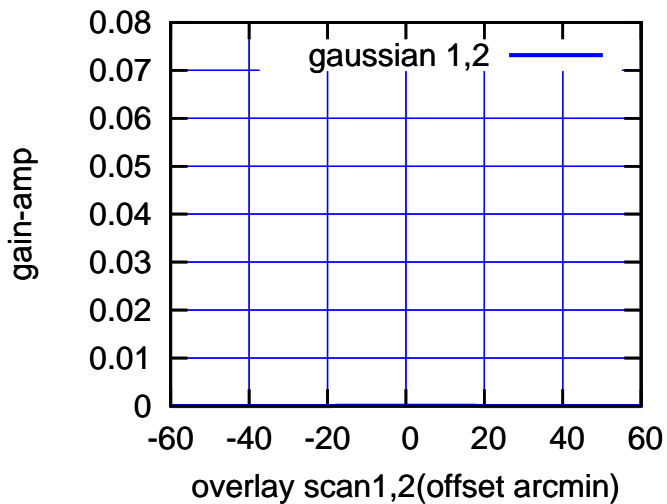
W03-175-EL OFF= 0.0' (0.0')



(-30'/m) 18May2017 10:48:00

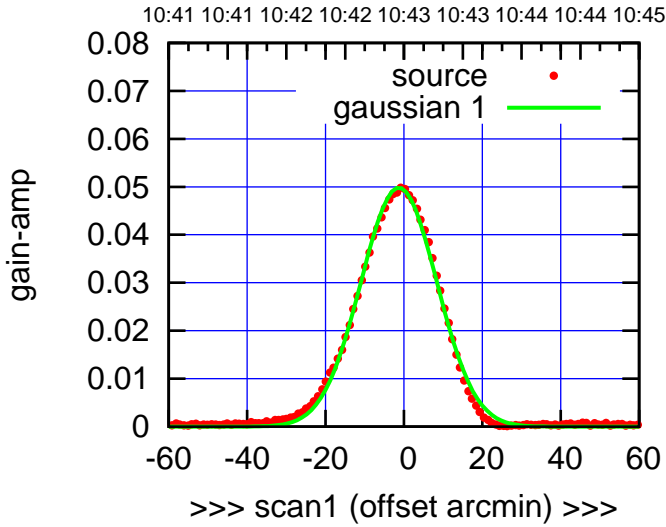
BACKLASH ERROR= 0.0'

BACKLASH ERROR= 0.0'

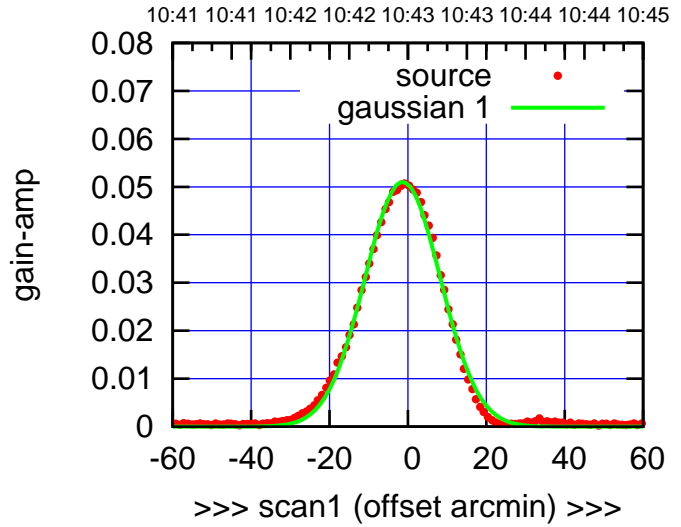


(1371 MHz.)

W04-130-EL OFF= -1.3' (22.8')

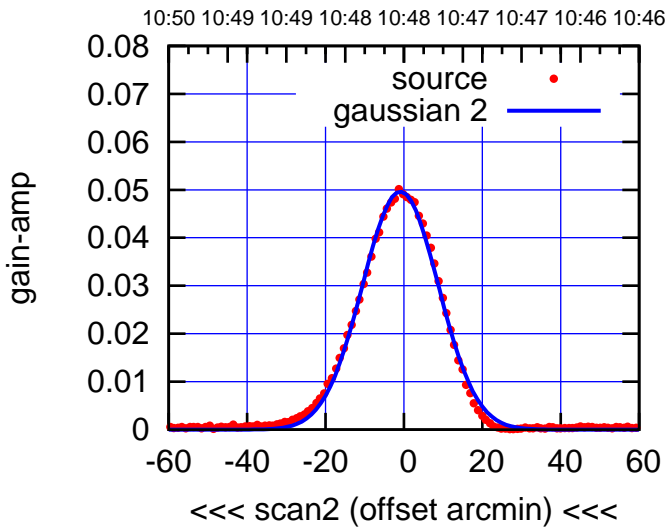


W04-175-EL OFF= -1.3' (22.7')

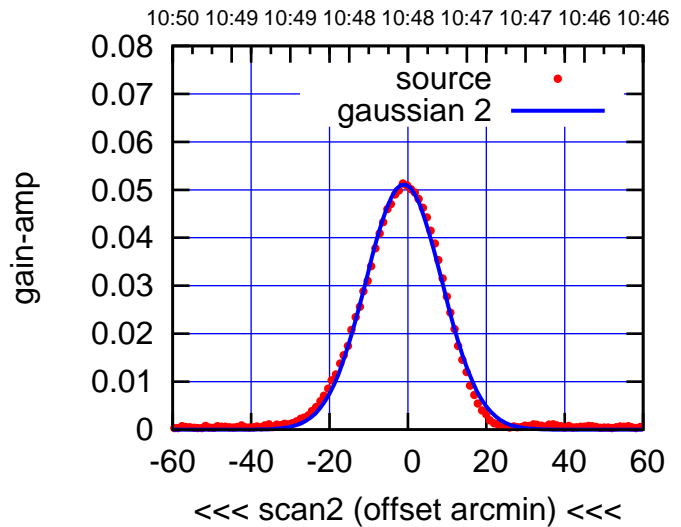


(+30'/m) 18May2017 10:43:00

W04-130-EL OFF= -0.9' (22.8')

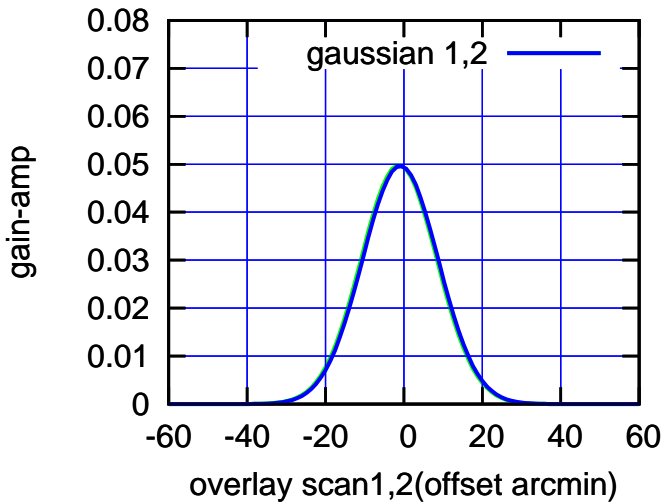


W04-175-EL OFF= -1.0' (22.8')

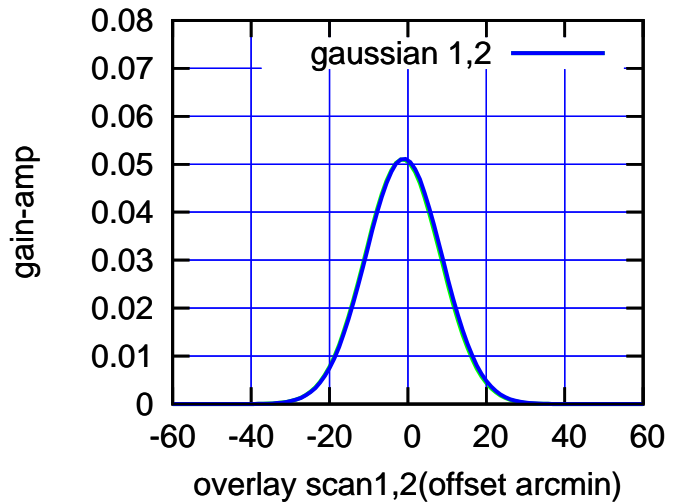


(-30'/m) 18May2017 10:48:00

BACKLASH ERROR= 0.4'

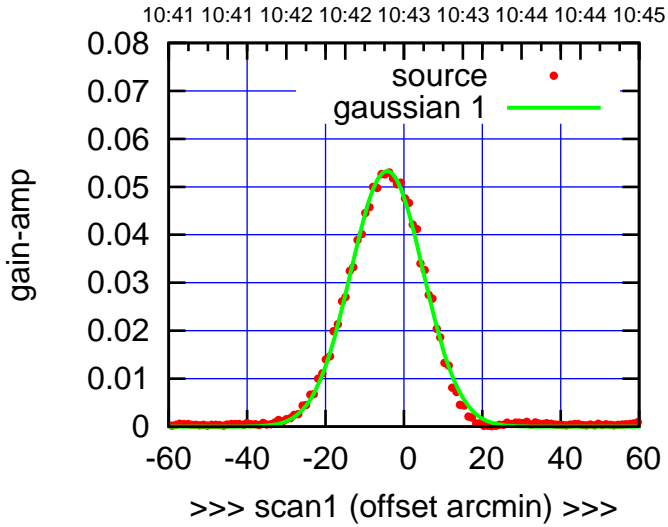


BACKLASH ERROR= 0.3'

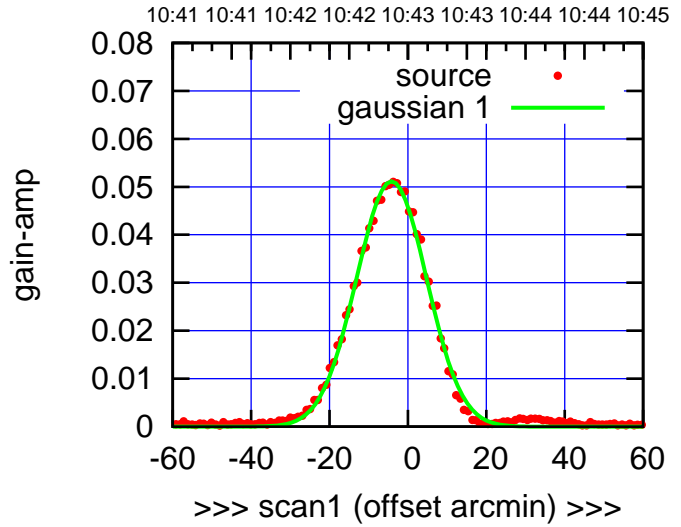


(1371 MHz.)

W05-130-EL OFF= -4.3' (21.8')

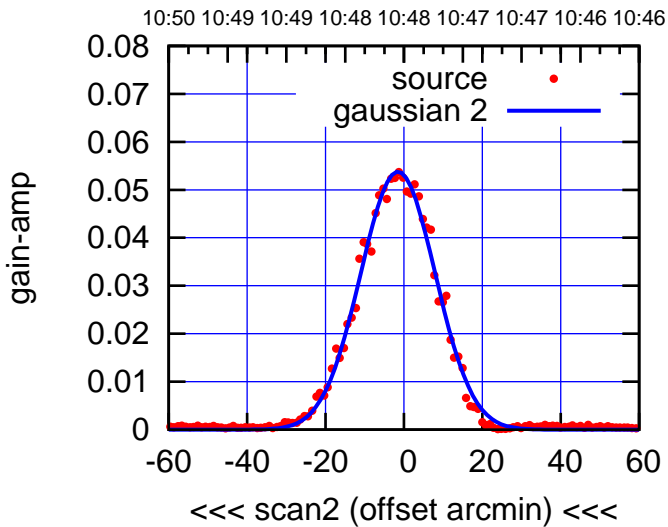


W05-175-EL OFF= -4.2' (21.0')

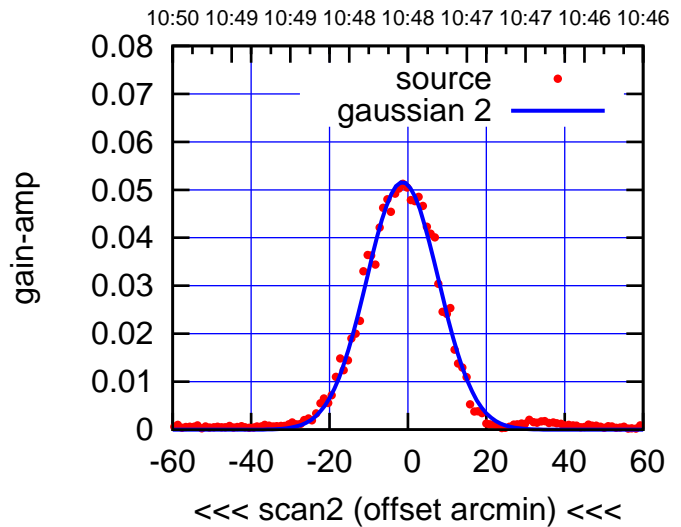


(+30'/m) 18May2017 10:43:00

W05-130-EL OFF= -1.5' (22.4')

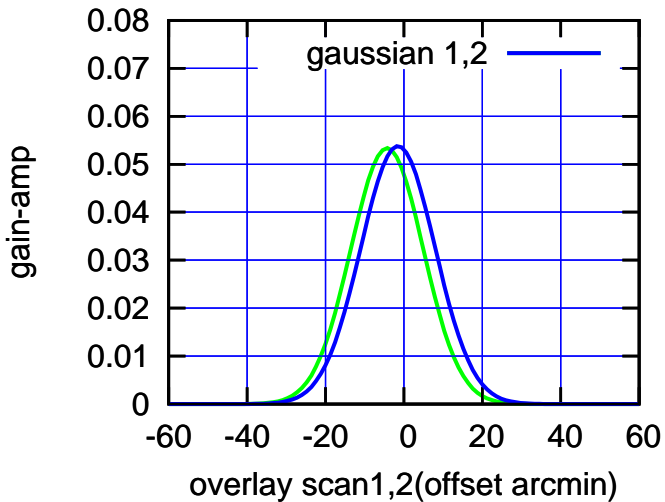


W05-175-EL OFF= -1.4' (21.6')

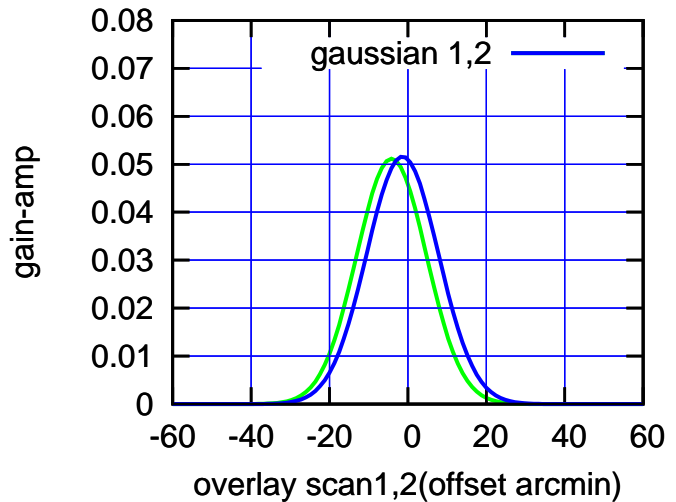


(-30'/m) 18May2017 10:48:00

BACKLASH ERROR= 2.8'



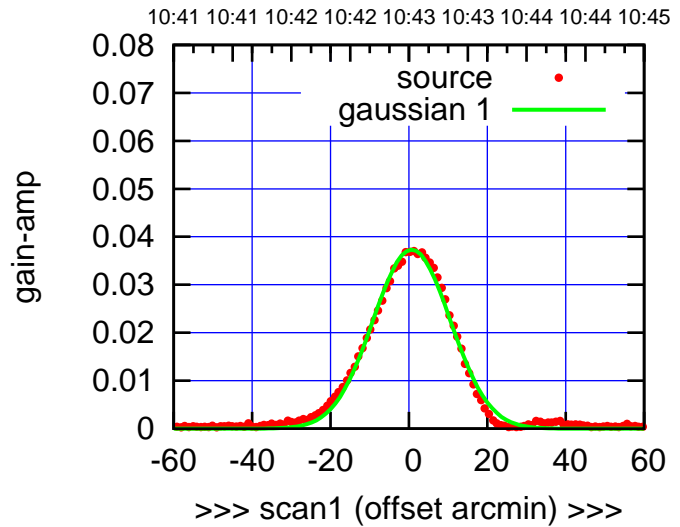
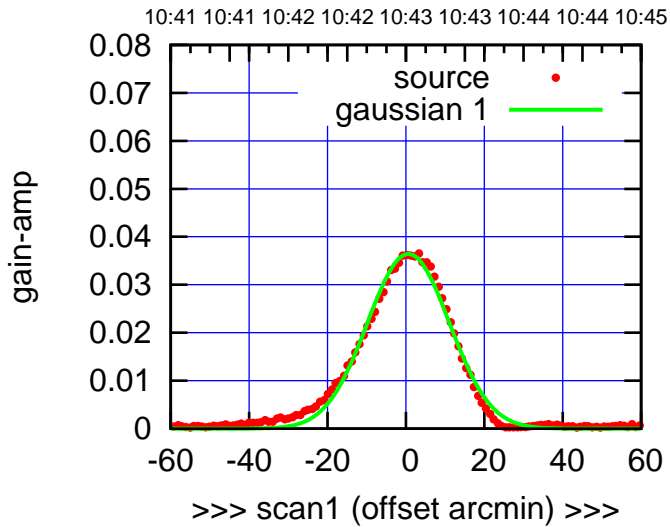
BACKLASH ERROR= 2.8'



(1371 MHz.)

W06-130-EL OFF= 0.6' (24.6')

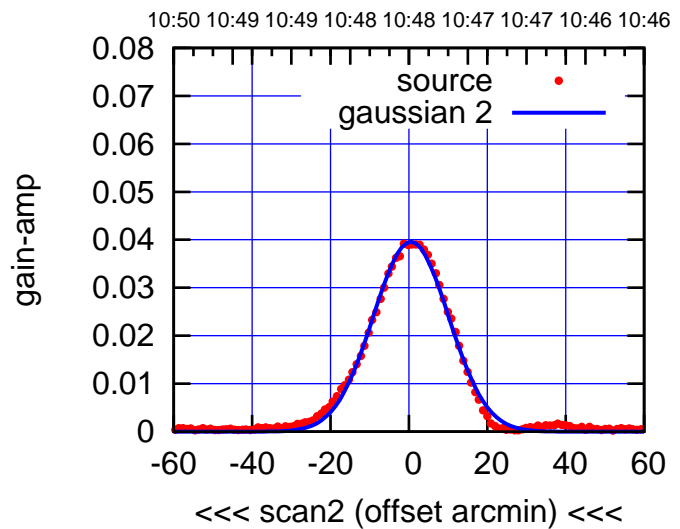
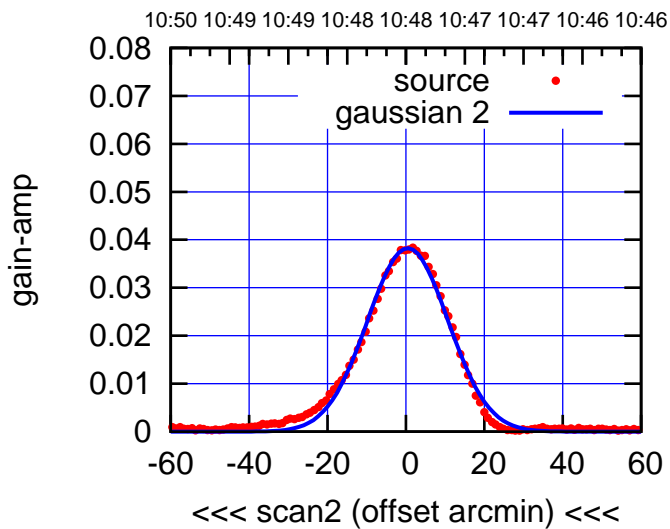
W06-175-EL OFF= 0.7' (23.2')



(+30'/m) 18May2017 10:43:00

W06-130-EL OFF= 0.5' (24.2')

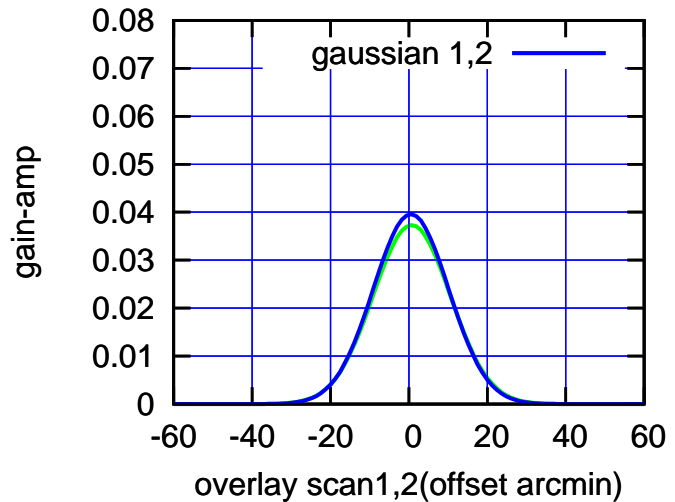
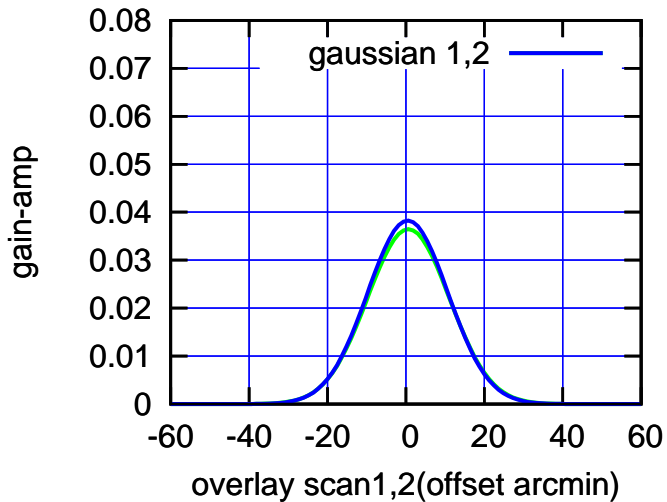
W06-175-EL OFF= 0.5' (22.7')



(-30'/m) 18May2017 10:48:00

BACKLASH ERROR= 0.1'

BACKLASH ERROR= 0.2'



(1371 MHz.)

```

# backlash test      : 18May2017 10:43:00, 18May2017 10:48:00
# lta file           : /gsbifrdatal/18may/test_18may2017_pntg_snk.lta
# lta scan no(s)    : 3,4
# lta chan range    : [150,160]
# scan1 start time  : 18May2017 10:41:00
# scan1 peak time   : 18May2017 10:43:00
# scan1 end time    : 18May2017 10:45:00
# scan2 start time  : 18May2017 10:46:00
# scan2 peak time   : 18May2017 10:48:00
# scan2 end time    : 18May2017 10:50:00
# scan1 rate/speed  : 30'/m
# scan2 rate/speed  : -30'/m
# xrange posn       : [-60':60']
# yrange gain-amp   : [0:0.08]
# frequency (MHz)   : 1371
# axis              : EL
# elevation(deg)    : 34.9
# antenna flag      : 1 - working, 0 - non working

```

C00-130-EL	OFF(scan1)= -8.0	OFF(scan2)= -5.2	ERROR= 2.8	FLAG= 1
C00-175-EL	OFF(scan1)= -8.2	OFF(scan2)= -5.5	ERROR= 2.7	FLAG= 1
C01-130-EL	OFF(scan1)= 0.0	OFF(scan2)= 0.0	ERROR= 0.0	FLAG= 0
C01-175-EL	OFF(scan1)= 0.0	OFF(scan2)= 0.0	ERROR= 0.0	FLAG= 0
C02-130-EL	OFF(scan1)= 9.8	OFF(scan2)= 1.6	ERROR= 8.2	FLAG= 1
C02-175-EL	OFF(scan1)= 0.8	OFF(scan2)= 1.4	ERROR= 0.6	FLAG= 1
C03-130-EL	OFF(scan1)= -4.0	OFF(scan2)= -3.9	ERROR= 0.1	FLAG= 1
C03-175-EL	OFF(scan1)= -3.8	OFF(scan2)= -3.7	ERROR= 0.1	FLAG= 1
C04-130-EL	OFF(scan1)= -2.9	OFF(scan2)= -2.6	ERROR= 0.3	FLAG= 1
C04-175-EL	OFF(scan1)= -3.3	OFF(scan2)= -2.9	ERROR= 0.4	FLAG= 1
C05-130-EL	OFF(scan1)= -0.2	OFF(scan2)= -0.7	ERROR= 0.5	FLAG= 1
C05-175-EL	OFF(scan1)= 0.0	OFF(scan2)= -0.6	ERROR= 0.6	FLAG= 1
C06-130-EL	OFF(scan1)= -0.9	OFF(scan2)= -1.6	ERROR= 0.7	FLAG= 1
C06-175-EL	OFF(scan1)= -0.8	OFF(scan2)= -1.4	ERROR= 0.6	FLAG= 1
C08-130-EL	OFF(scan1)= 1.3	OFF(scan2)= 1.4	ERROR= 0.1	FLAG= 1
C08-175-EL	OFF(scan1)= 1.6	OFF(scan2)= 1.8	ERROR= 0.2	FLAG= 1
C09-130-EL	OFF(scan1)= -4.2	OFF(scan2)= -3.6	ERROR= 0.6	FLAG= 1
C09-175-EL	OFF(scan1)= -4.1	OFF(scan2)= -3.6	ERROR= 0.5	FLAG= 1
C10-130-EL	OFF(scan1)= 0.0	OFF(scan2)= -0.4	ERROR= 0.4	FLAG= 1
C10-175-EL	OFF(scan1)= 0.1	OFF(scan2)= -0.2	ERROR= 0.3	FLAG= 1
C11-130-EL	OFF(scan1)= -2.4	OFF(scan2)= -1.6	ERROR= 0.8	FLAG= 1
C11-175-EL	OFF(scan1)= -2.7	OFF(scan2)= -1.8	ERROR= 0.9	FLAG= 1
C12-130-EL	OFF(scan1)= -0.4	OFF(scan2)= -0.5	ERROR= 0.1	FLAG= 1
C12-175-EL	OFF(scan1)= -0.3	OFF(scan2)= -0.4	ERROR= 0.1	FLAG= 1
C13-130-EL	OFF(scan1)= -2.7	OFF(scan2)= -1.9	ERROR= 0.8	FLAG= 1
C13-175-EL	OFF(scan1)= -2.7	OFF(scan2)= -2.2	ERROR= 0.5	FLAG= 1
C14-130-EL	OFF(scan1)= 0.0	OFF(scan2)= 0.0	ERROR= 0.0	FLAG= 0
C14-175-EL	OFF(scan1)= 0.0	OFF(scan2)= 0.0	ERROR= 0.0	FLAG= 0
E02-130-EL	OFF(scan1)= -2.3	OFF(scan2)= -1.7	ERROR= 0.6	FLAG= 1
E02-175-EL	OFF(scan1)= -2.0	OFF(scan2)= -1.5	ERROR= 0.5	FLAG= 1
E03-130-EL	OFF(scan1)= -1.2	OFF(scan2)= -0.6	ERROR= 0.6	FLAG= 1
E03-175-EL	OFF(scan1)= -1.0	OFF(scan2)= -0.4	ERROR= 0.6	FLAG= 1
E04-130-EL	OFF(scan1)= -3.1	OFF(scan2)= -3.1	ERROR= 0.0	FLAG= 1
E04-175-EL	OFF(scan1)= -3.1	OFF(scan2)= -3.1	ERROR= 0.0	FLAG= 1
E05-130-EL	OFF(scan1)= 1.7	OFF(scan2)= 1.5	ERROR= 0.2	FLAG= 1
E05-175-EL	OFF(scan1)= 1.6	OFF(scan2)= 1.4	ERROR= 0.2	FLAG= 1
E06-130-EL	OFF(scan1)= 0.9	OFF(scan2)= 1.0	ERROR= 0.1	FLAG= 1
E06-175-EL	OFF(scan1)= 1.1	OFF(scan2)= 1.3	ERROR= 0.2	FLAG= 1
S01-130-EL	OFF(scan1)= -2.0	OFF(scan2)= -1.6	ERROR= 0.4	FLAG= 1
S01-175-EL	OFF(scan1)= -1.8	OFF(scan2)= -1.4	ERROR= 0.4	FLAG= 1
S02-130-EL	OFF(scan1)= 0.0	OFF(scan2)= 0.0	ERROR= 0.0	FLAG= 0
S02-175-EL	OFF(scan1)= 0.0	OFF(scan2)= 0.0	ERROR= 0.0	FLAG= 0
S03-130-EL	OFF(scan1)= -3.4	OFF(scan2)= -3.4	ERROR= 0.0	FLAG= 1
S03-175-EL	OFF(scan1)= -3.3	OFF(scan2)= -3.4	ERROR= 0.1	FLAG= 1
S04-130-EL	OFF(scan1)= 3.8	OFF(scan2)= 5.8	ERROR= 2.0	FLAG= 1
S04-175-EL	OFF(scan1)= 4.1	OFF(scan2)= 6.0	ERROR= 1.9	FLAG= 1
S06-130-EL	OFF(scan1)= -2.3	OFF(scan2)= -2.0	ERROR= 0.3	FLAG= 1
S06-175-EL	OFF(scan1)= -2.3	OFF(scan2)= -2.2	ERROR= 0.1	FLAG= 1

W01-130-EL	OFF(scan1)=	-9.0	OFF(scan2)=	-0.8	ERROR=	8.2	FLAG=	1
W01-175-EL	OFF(scan1)=	-8.7	OFF(scan2)=	-0.5	ERROR=	8.2	FLAG=	1
W02-130-EL	OFF(scan1)=	-0.2	OFF(scan2)=	-0.0	ERROR=	0.2	FLAG=	1
W02-175-EL	OFF(scan1)=	-0.2	OFF(scan2)=	0.1	ERROR=	0.3	FLAG=	1
W03-130-EL	OFF(scan1)=	0.0	OFF(scan2)=	0.0	ERROR=	0.0	FLAG=	0
W03-175-EL	OFF(scan1)=	0.0	OFF(scan2)=	0.0	ERROR=	0.0	FLAG=	0
W04-130-EL	OFF(scan1)=	-1.3	OFF(scan2)=	-0.9	ERROR=	0.4	FLAG=	1
W04-175-EL	OFF(scan1)=	-1.3	OFF(scan2)=	-1.0	ERROR=	0.3	FLAG=	1
W05-130-EL	OFF(scan1)=	-4.3	OFF(scan2)=	-1.5	ERROR=	2.8	FLAG=	1
W05-175-EL	OFF(scan1)=	-4.2	OFF(scan2)=	-1.4	ERROR=	2.8	FLAG=	1
W06-130-EL	OFF(scan1)=	0.6	OFF(scan2)=	0.5	ERROR=	0.1	FLAG=	1
W06-175-EL	OFF(scan1)=	0.7	OFF(scan2)=	0.5	ERROR=	0.2	FLAG=	1

EL backlash test (18May2017 10:43:00)

