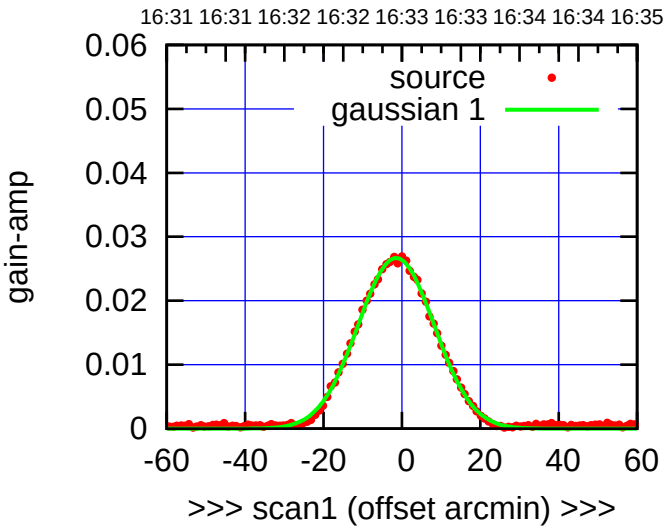
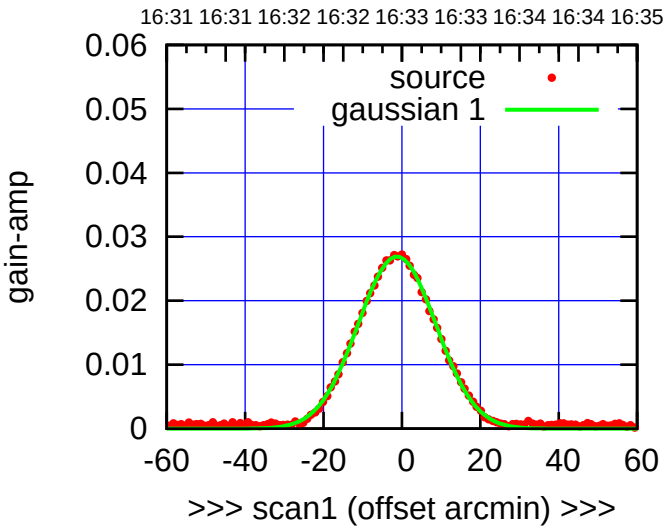
C00-130-AZ OFF= -1.5'

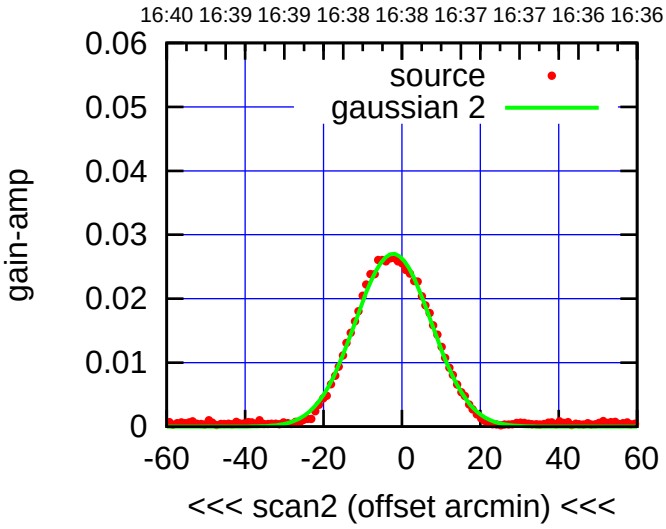


C00-175-AZ OFF= -1.3'

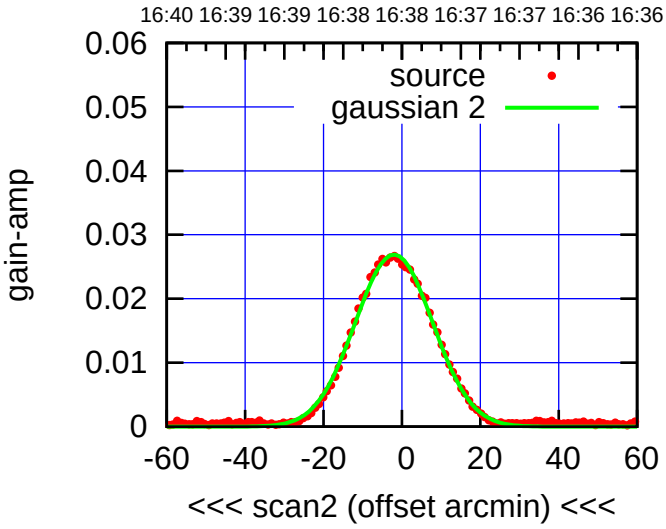


(+30'/m) 28apr2016 16:33

C00-130-AZ OFF= -2.2'

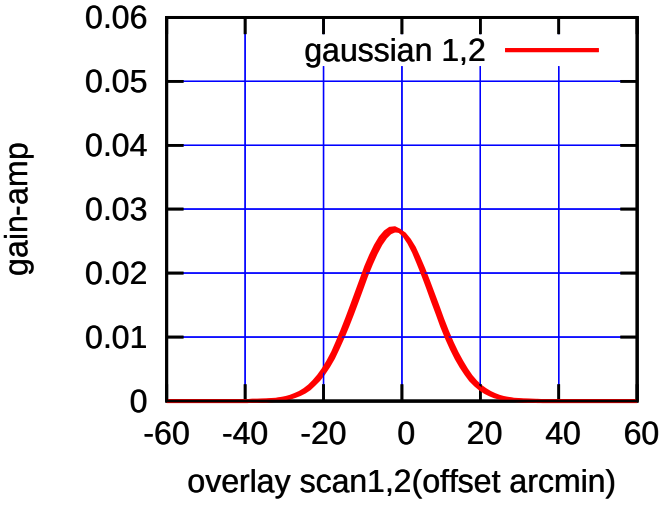


C00-175-AZ OFF= -2.0'

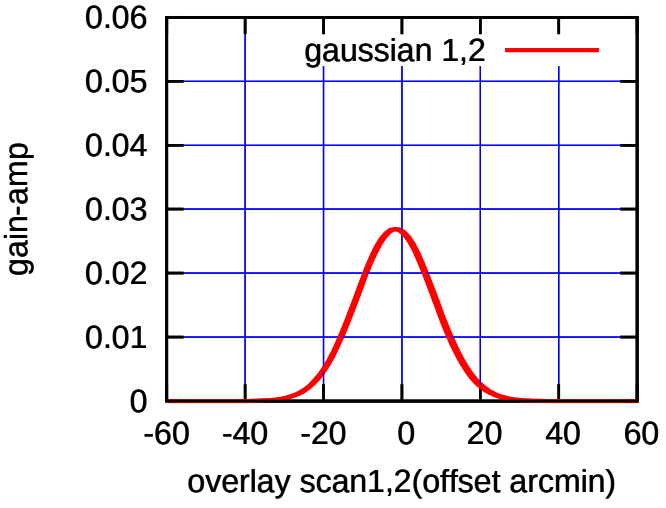


(-30'/m) 28apr2016 16:38

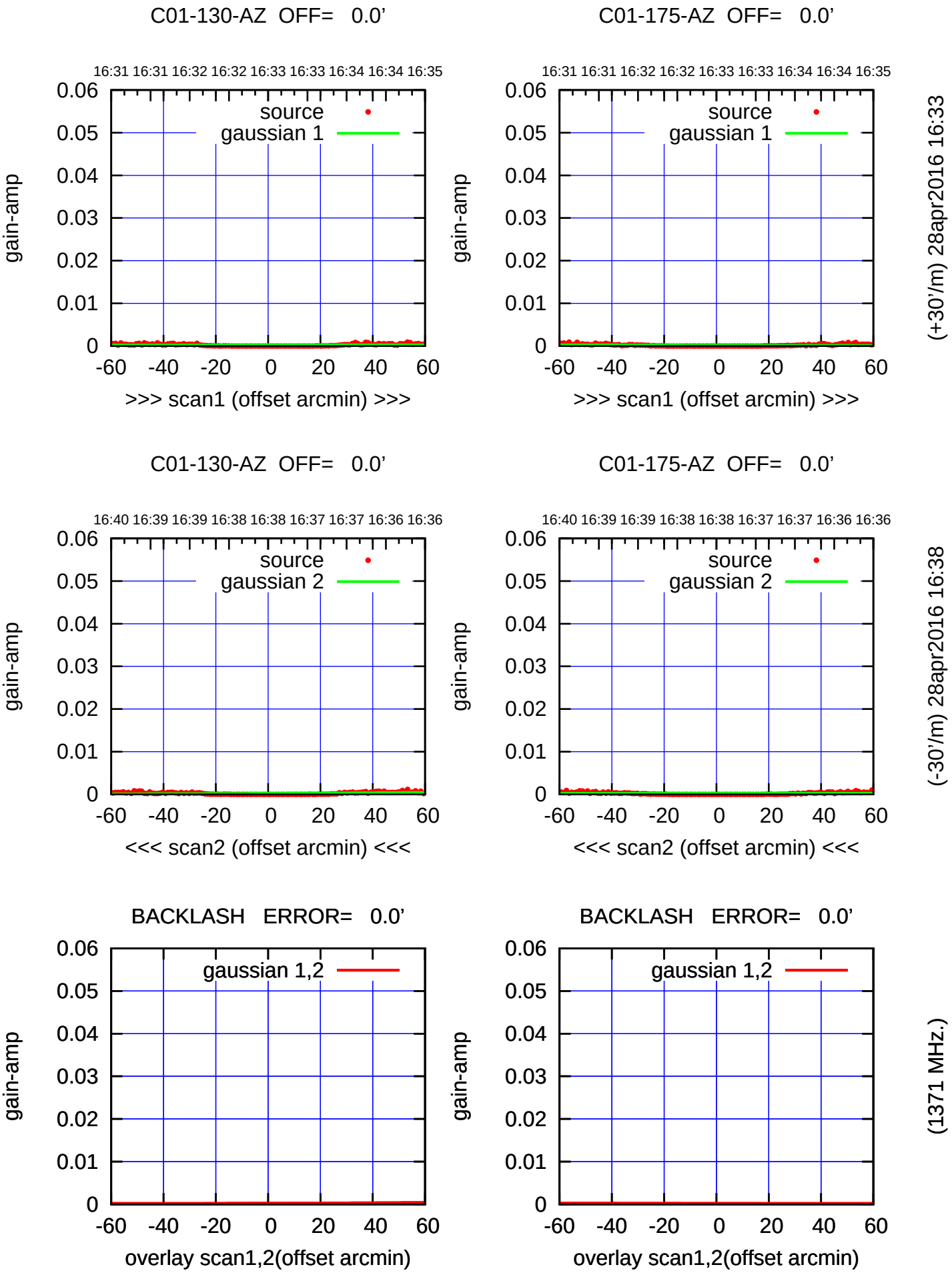
BACKLASH ERROR= 0.8'



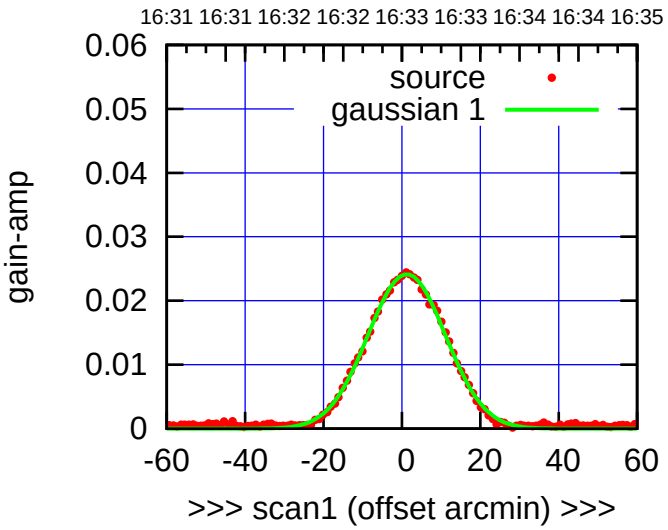
BACKLASH ERROR= 0.8'



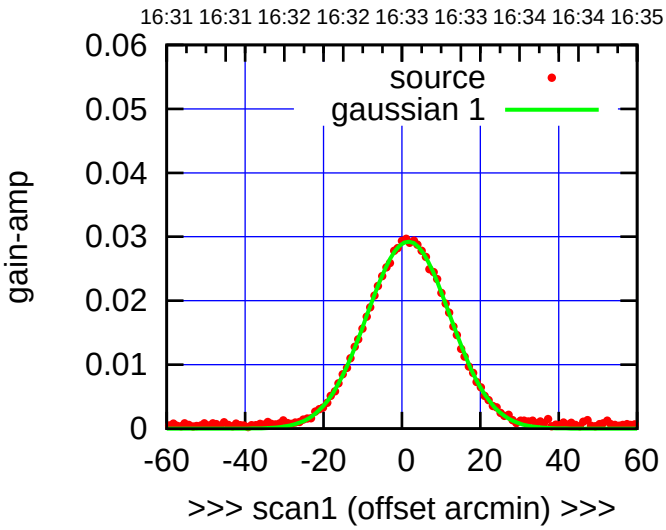
(1371 MHz.)


C01-130-AZ OFF= 0.0'
16:31 16:31 16:32 16:32 16:33 16:33 16:34 16:34 16:35
source
gaussian 1
gain-amp
>>> scan1 (offset arcmin) >>>
C01-175-AZ OFF= 0.0'
16:31 16:31 16:32 16:32 16:33 16:33 16:34 16:34 16:35
source
gaussian 1
gain-amp
>>> scan1 (offset arcmin) >>>
(+30'/m) 28apr2016 16:33
C01-130-AZ OFF= 0.0'
16:40 16:39 16:39 16:38 16:38 16:37 16:37 16:36 16:36
source
gaussian 2
gain-amp
<<< scan2 (offset arcmin) <<<
C01-175-AZ OFF= 0.0'
16:40 16:39 16:39 16:38 16:38 16:37 16:37 16:36 16:36
source
gaussian 2
gain-amp
<<< scan2 (offset arcmin) <<<
(-30'/m) 28apr2016 16:38
BACKLASH ERROR= 0.0'
gaussian 1,2
gain-amp
overlay scan1,2(offset arcmin)
BACKLASH ERROR= 0.0'
gaussian 1,2
gain-amp
overlay scan1,2(offset arcmin)
(1371 MHz.)

C02-130-AZ OFF= 1.2’

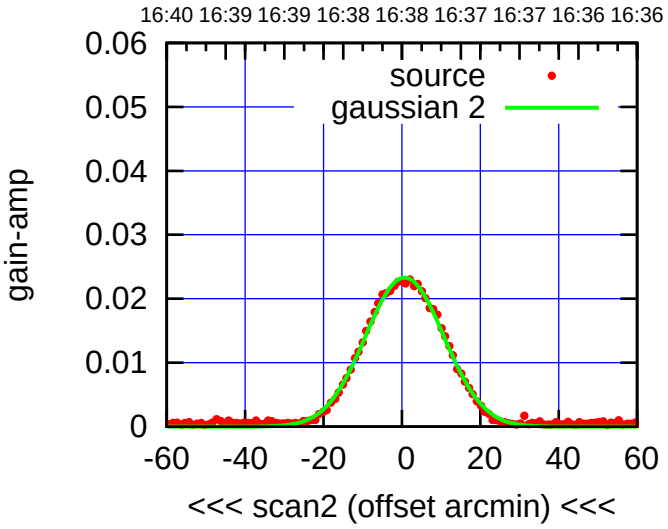


C02-175-AZ OFF= 1.6’

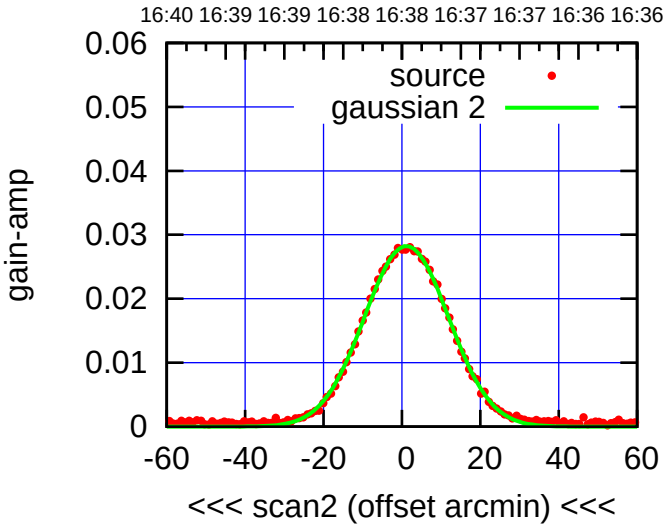


(+30’/m) 28apr2016 16:33

C02-130-AZ OFF= 0.7’

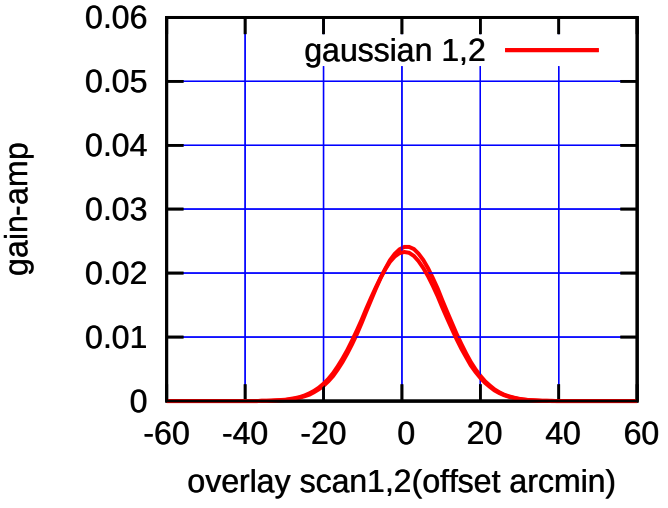


C02-175-AZ OFF= 1.2’

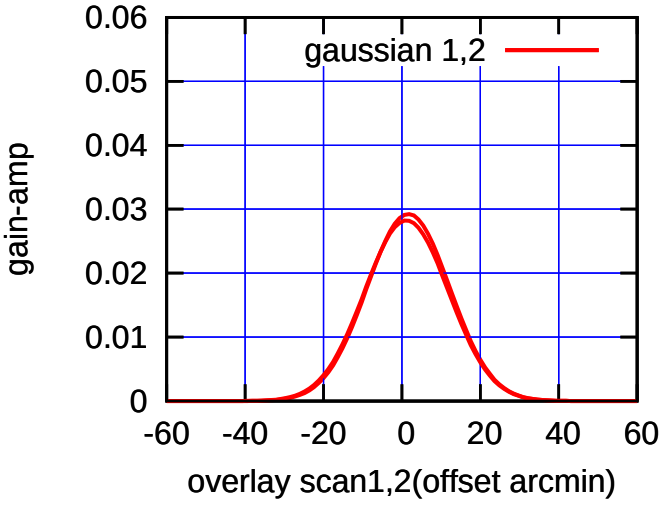


(-30’/m) 28apr2016 16:38

BACKLASH ERROR= 0.6’

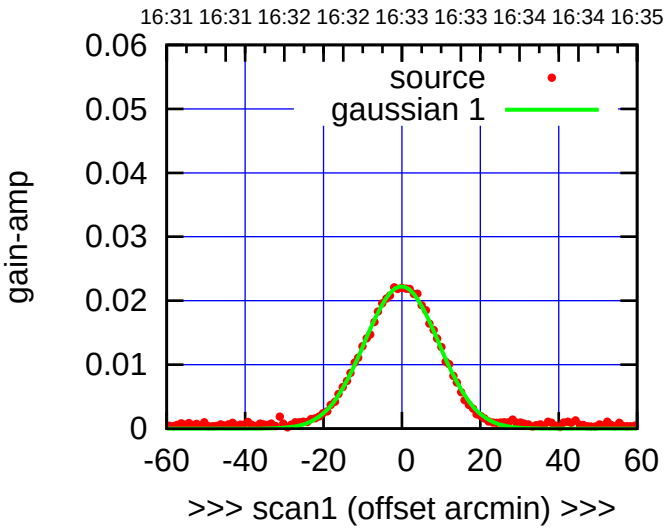


BACKLASH ERROR= 0.4’

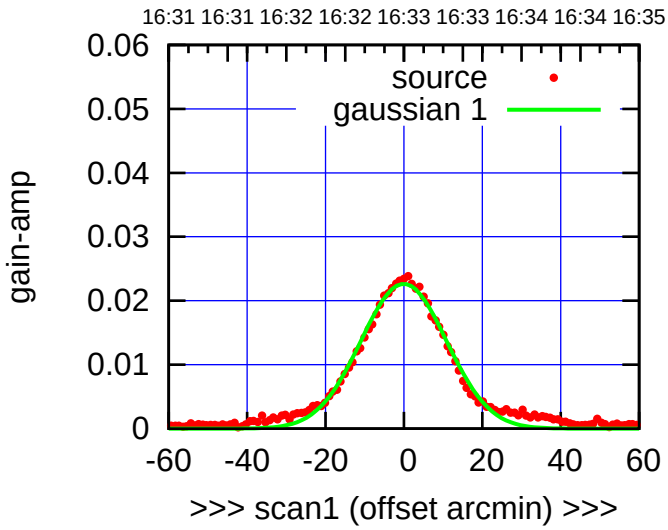


(1371 MHz.)

C03-130-AZ OFF= -0.1’

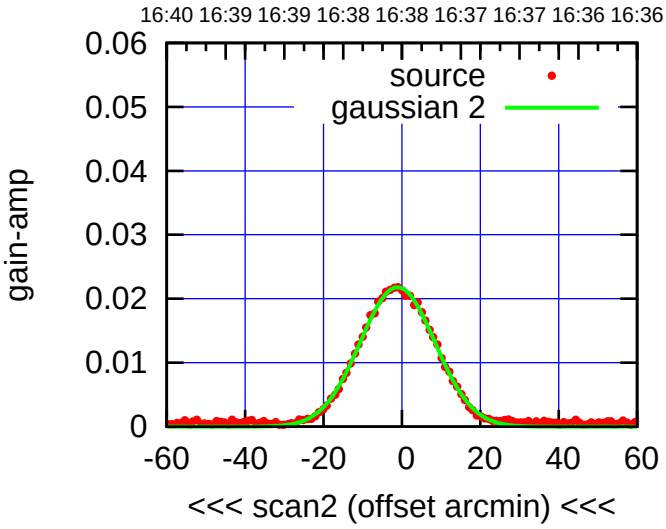


C03-175-AZ OFF= -0.1’

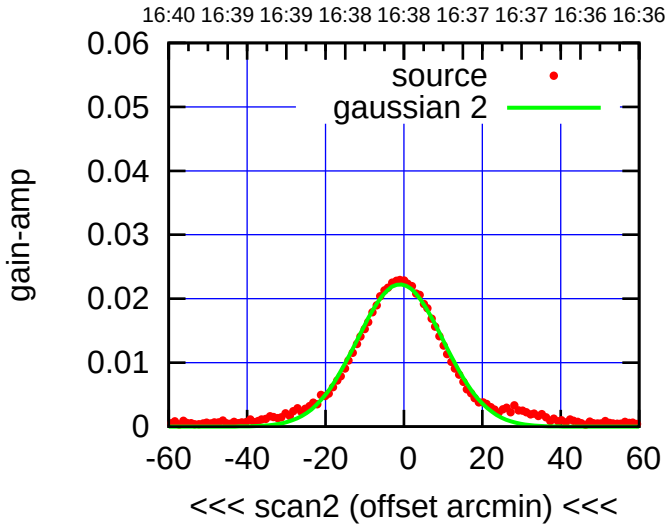


(+30’/m) 28apr2016 16:33

C03-130-AZ OFF= -1.1’

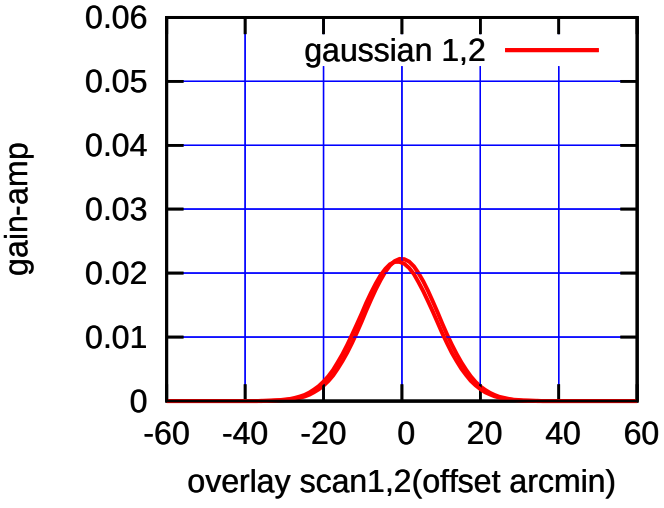


C03-175-AZ OFF= -1.0’

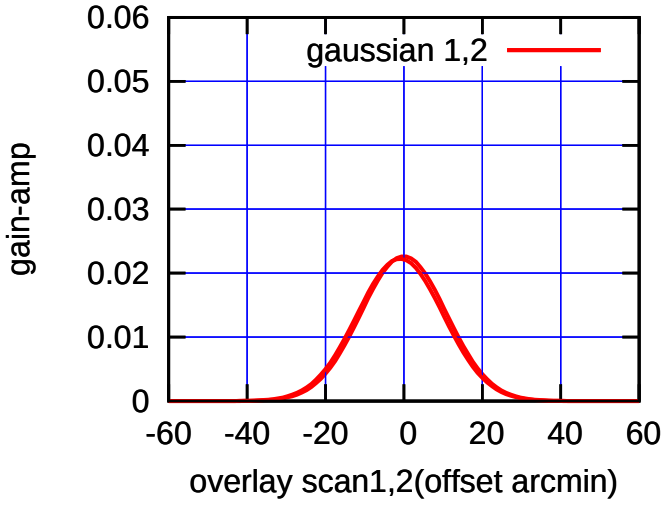


(-30’/m) 28apr2016 16:38

BACKLASH ERROR= 1.1’

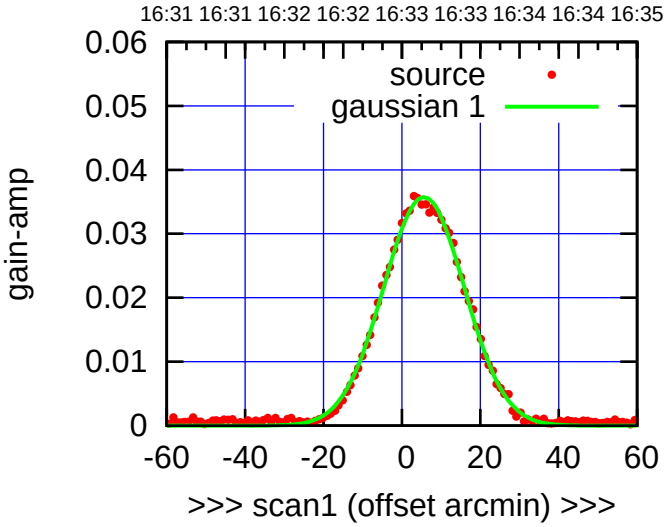


BACKLASH ERROR= 1.0’

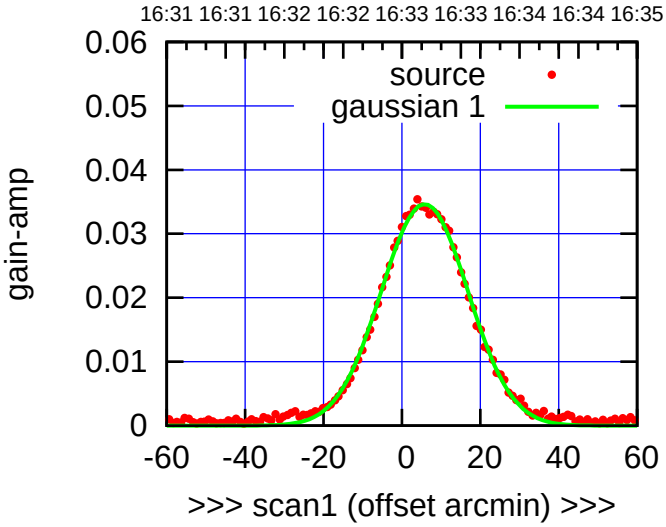


(1371 MHz.)

C04-130-AZ OFF= 5.6’

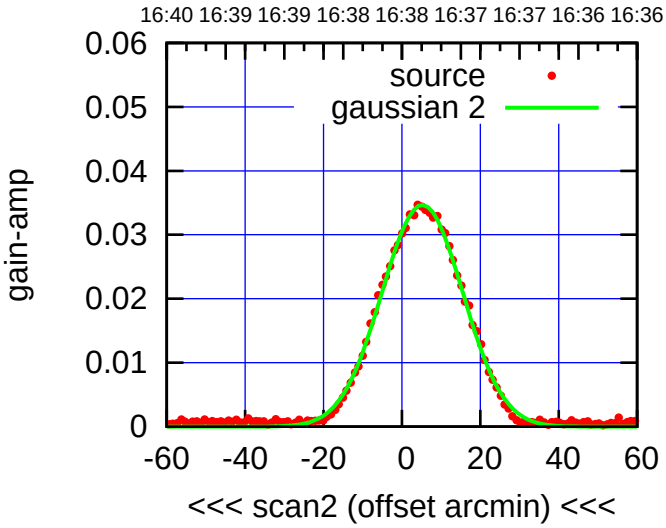


C04-175-AZ OFF= 5.8’

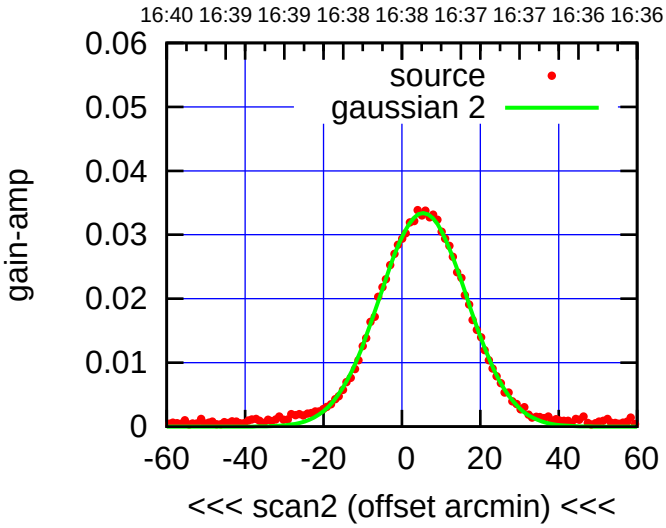


(+30’/m) 28apr2016 16:33

C04-130-AZ OFF= 5.2’

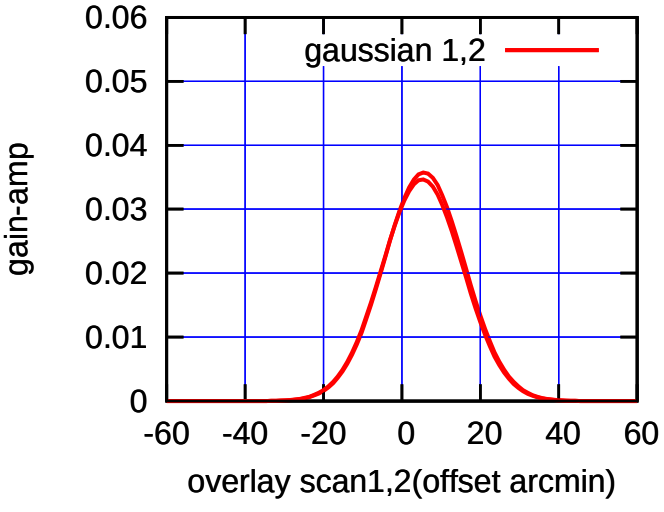


C04-175-AZ OFF= 5.4’

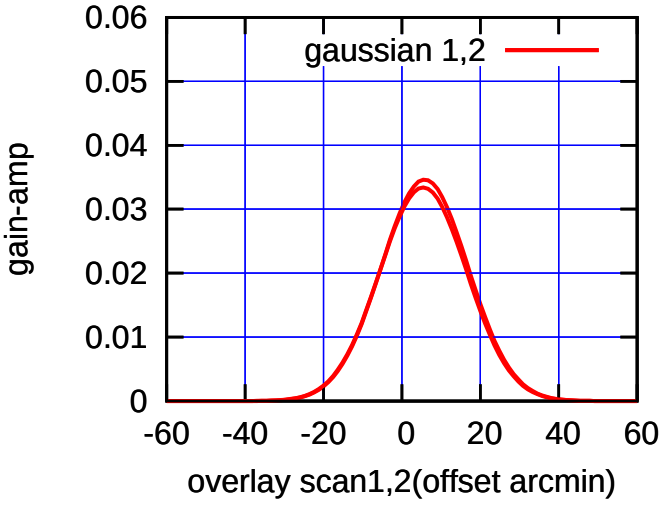


(-30’/m) 28apr2016 16:38

BACKLASH ERROR= 0.4’

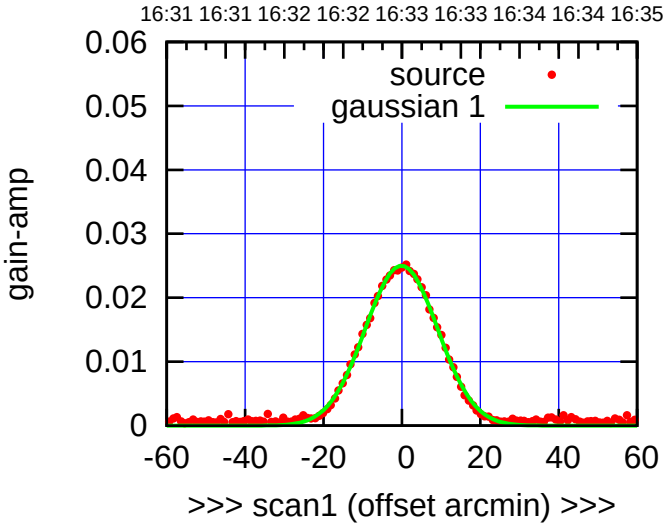


BACKLASH ERROR= 0.4’

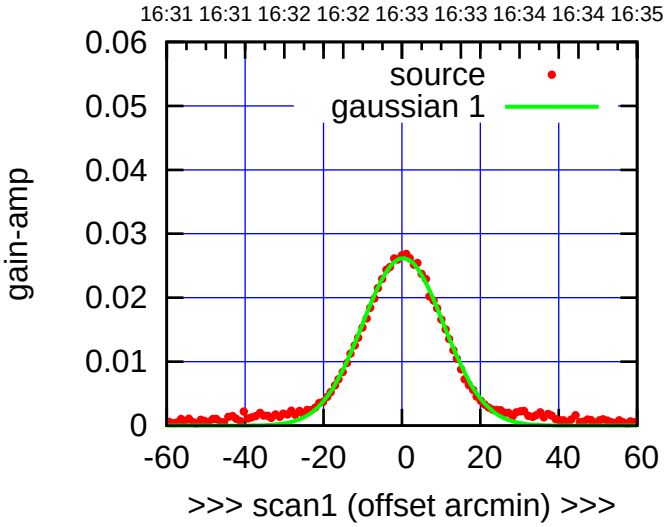


(1371 MHz.)

C05-130-AZ OFF= -0.1’

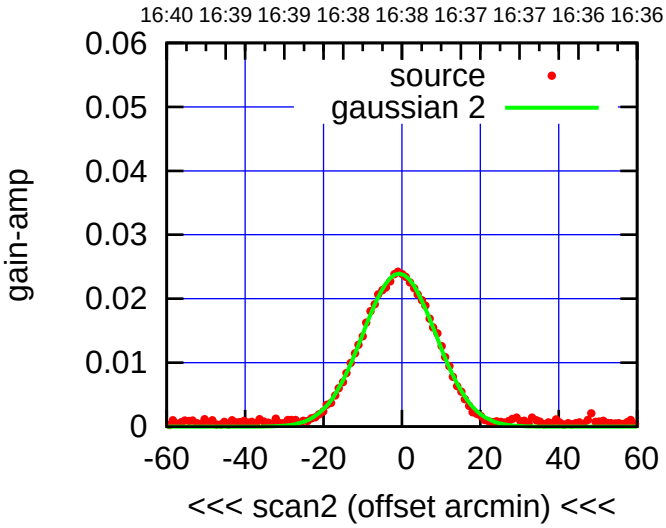


C05-175-AZ OFF= 0.3’

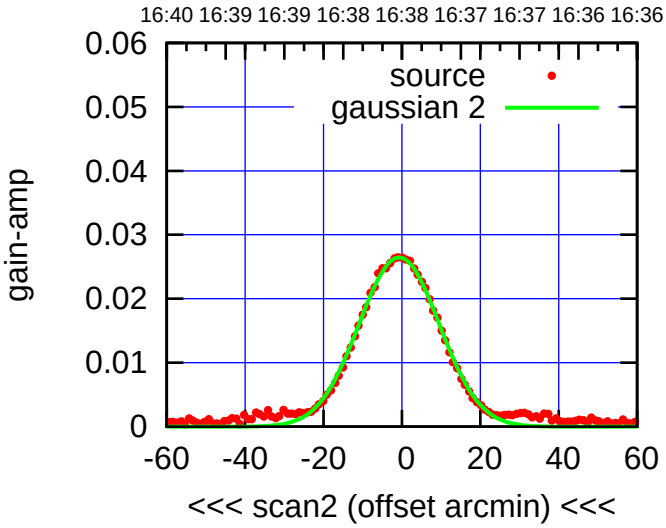


(+30’/m) 28apr2016 16:33

C05-130-AZ OFF= -0.7’

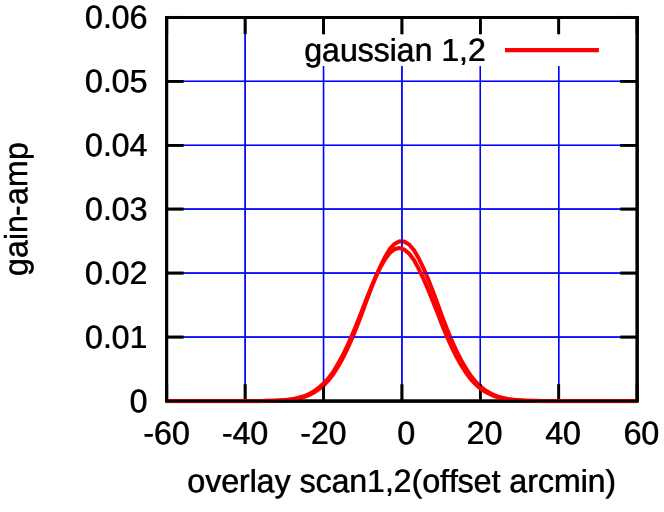


C05-175-AZ OFF= -0.7’

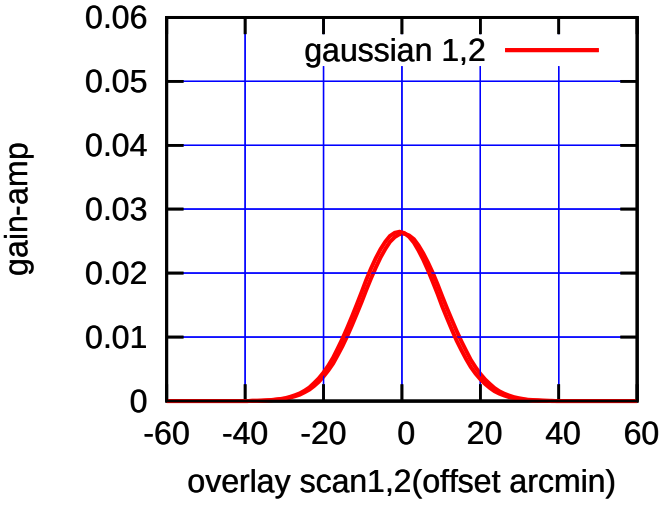


(-30’/m) 28apr2016 16:38

BACKLASH ERROR= 0.7’

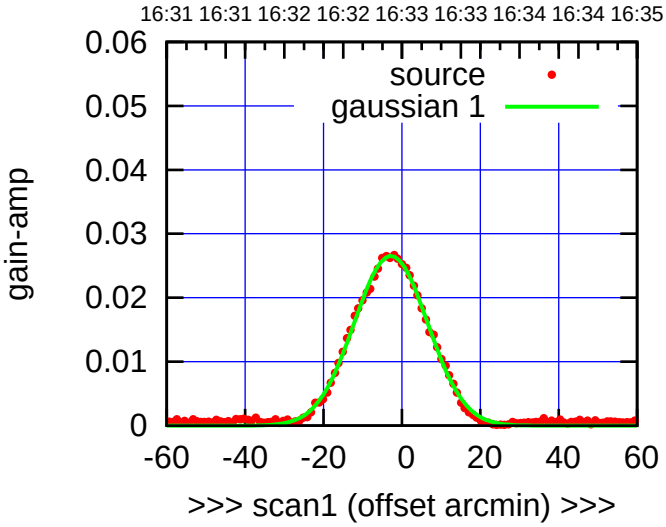


BACKLASH ERROR= 1.1’

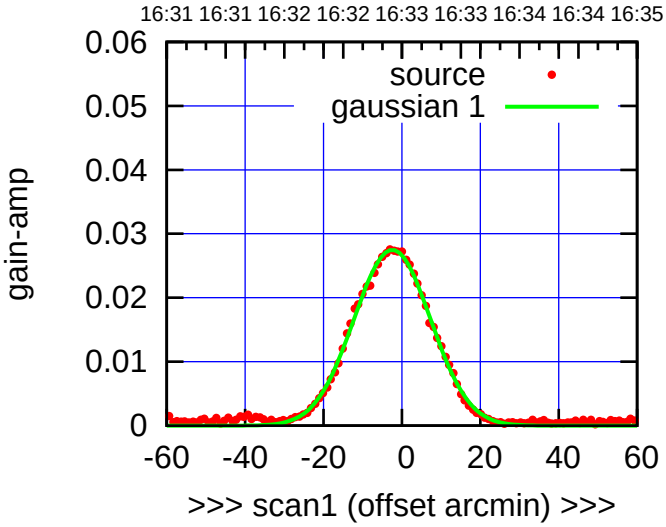


(1371 MHz.)

C06-130-AZ OFF= -2.8’

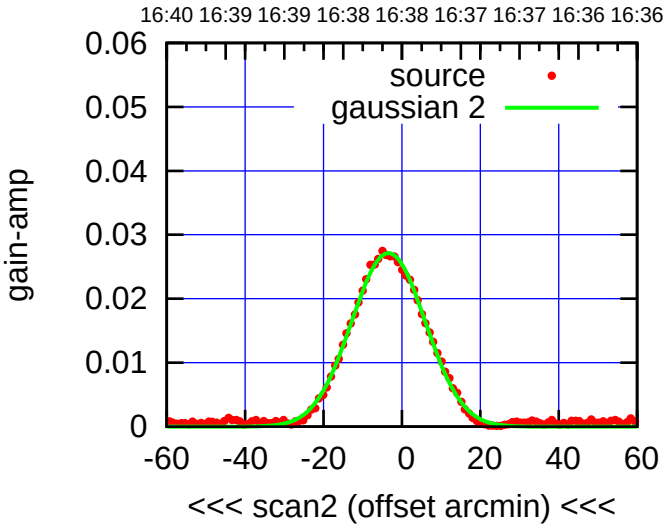


C06-175-AZ OFF= -2.5’

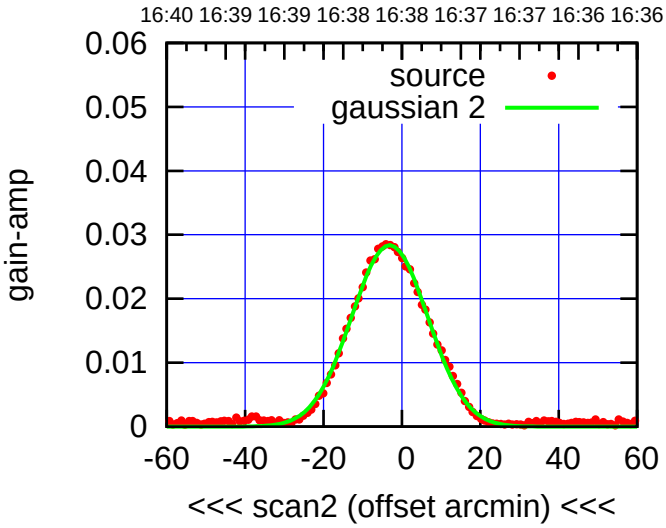


(+30’/m) 28apr2016 16:33

C06-130-AZ OFF= -3.4’

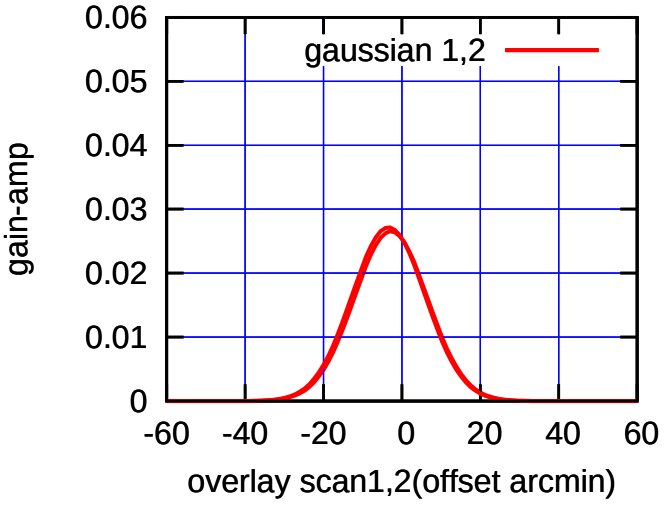


C06-175-AZ OFF= -3.1’

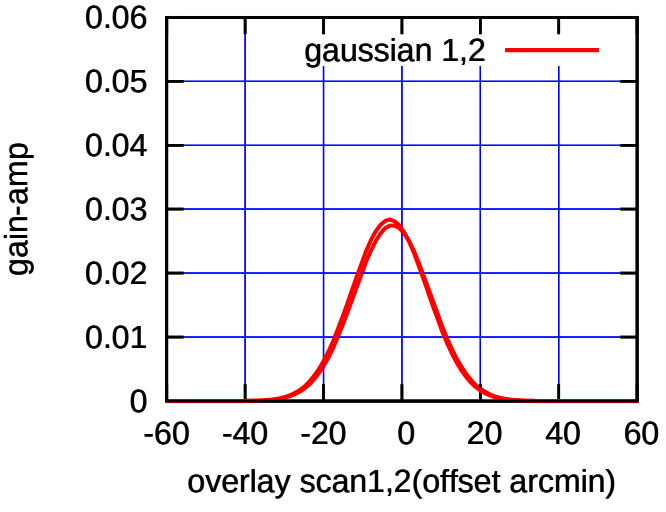


(-30’/m) 28apr2016 16:38

BACKLASH ERROR= 0.7’

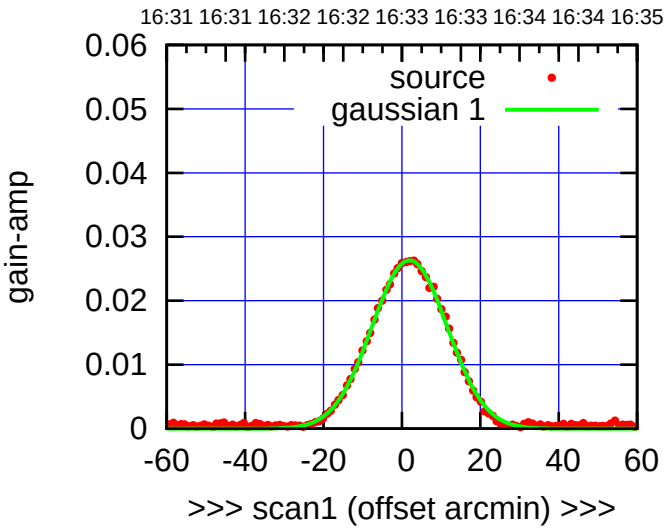


BACKLASH ERROR= 0.7’

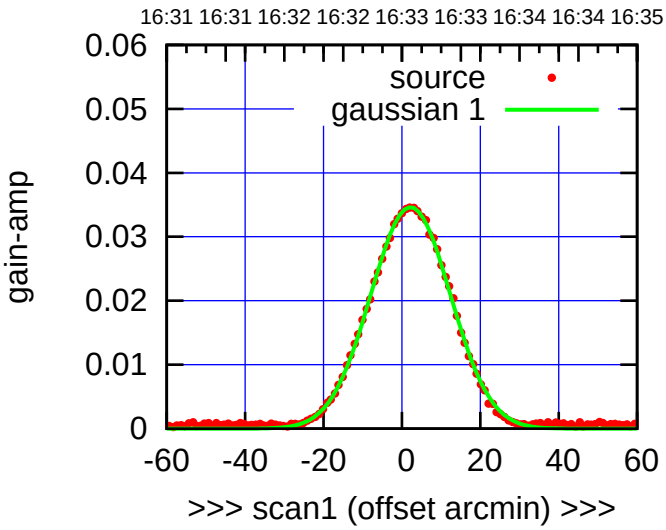


(1371 MHz.)

C08-130-AZ OFF= 2.0’

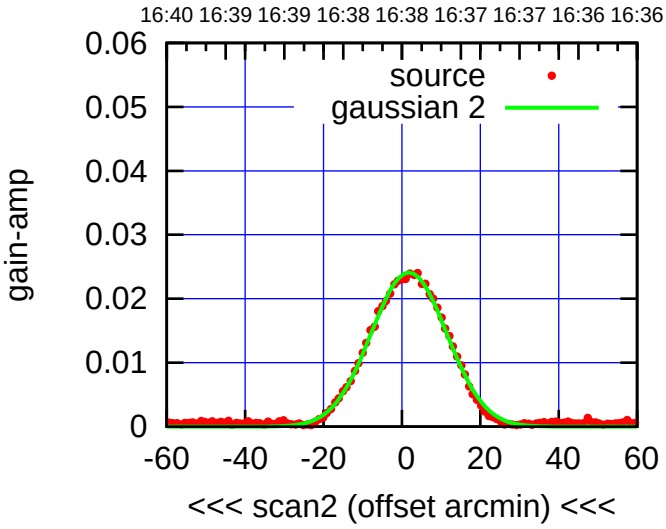


C08-175-AZ OFF= 2.2’

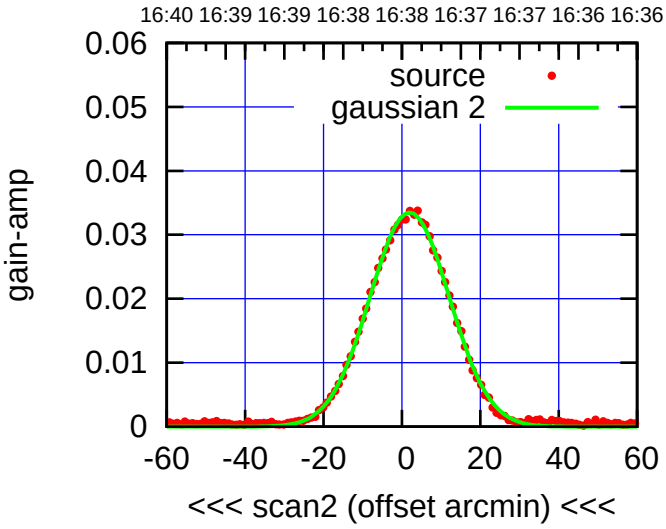


(+30’/m) 28apr2016 16:33

C08-130-AZ OFF= 1.8’

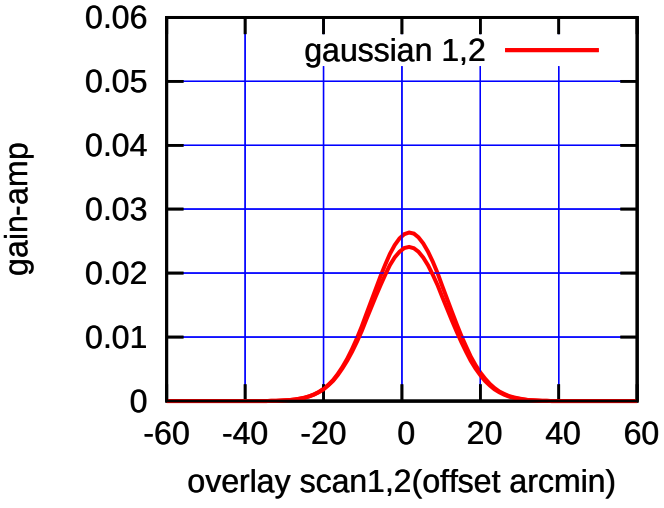


C08-175-AZ OFF= 2.0’

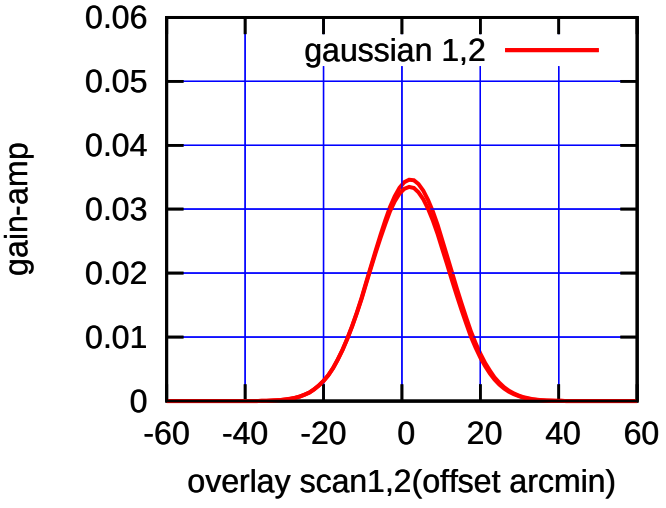


(-30’/m) 28apr2016 16:38

BACKLASH ERROR= 0.2’

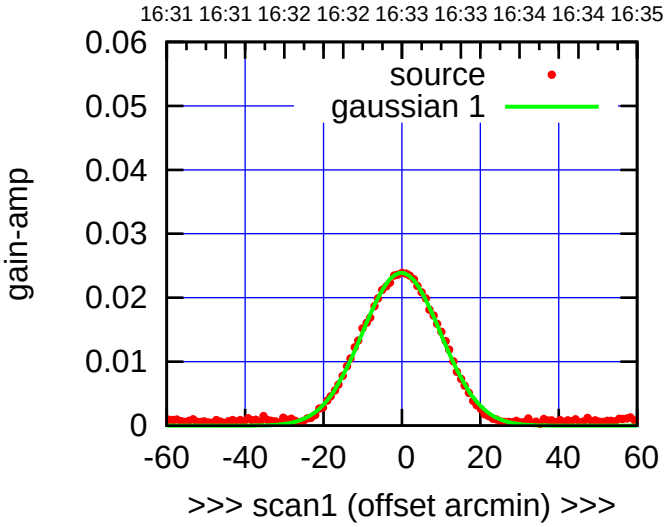


BACKLASH ERROR= 0.2’

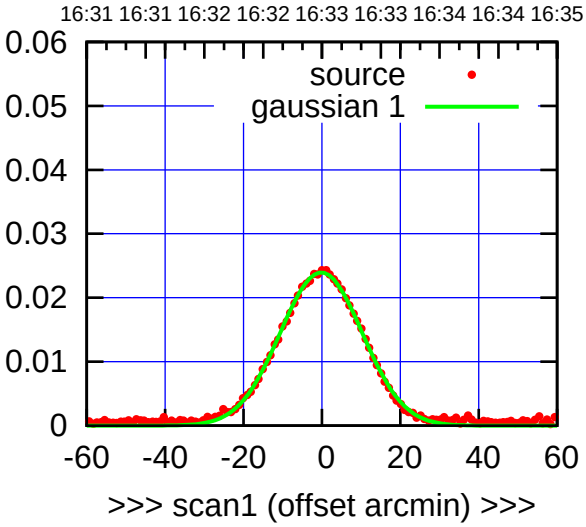


(1371 MHz.)

C09-130-AZ OFF= -0.1’

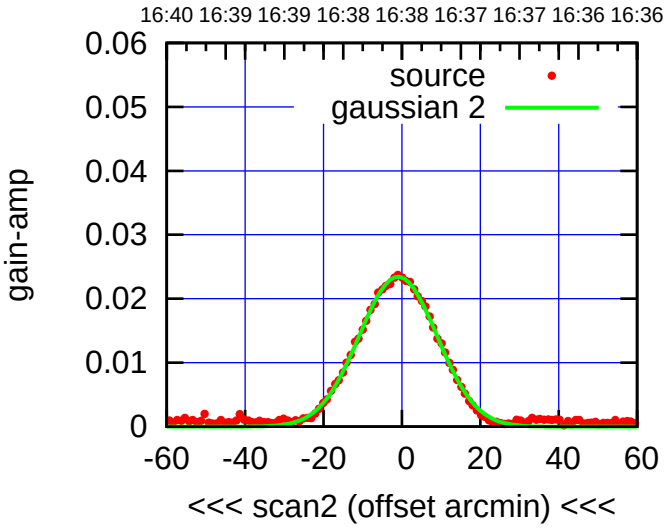


C09-175-AZ OFF= -0.2’

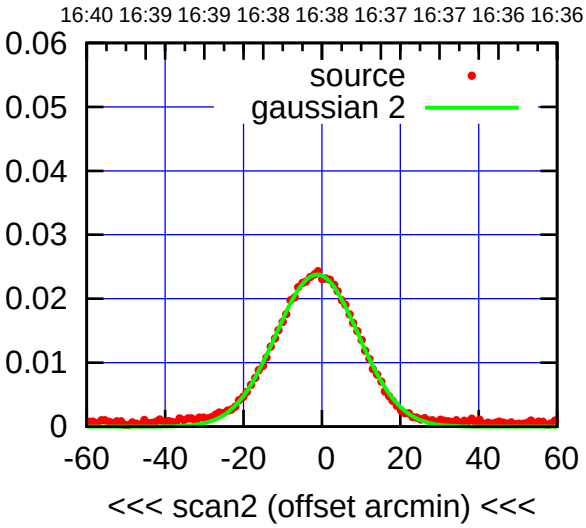


(+30’/m) 28apr2016 16:33

C09-130-AZ OFF= -1.0’

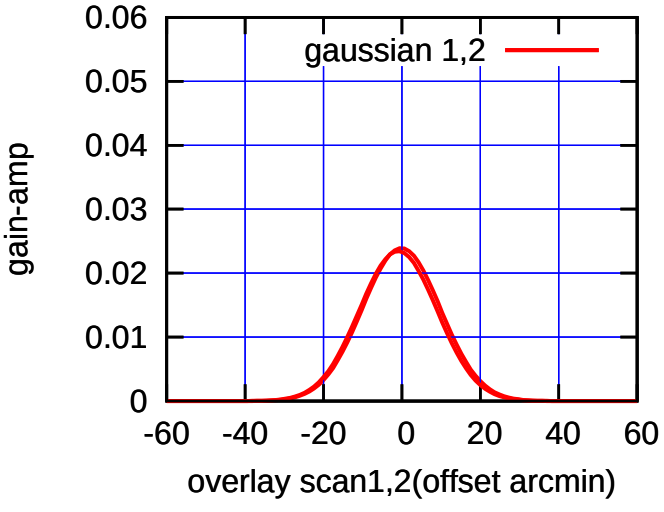


C09-175-AZ OFF= -1.2’

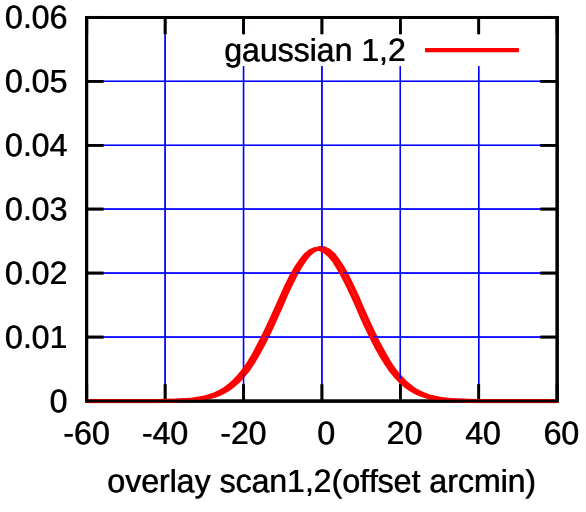


(-30’/m) 28apr2016 16:38

BACKLASH ERROR= 1.0’

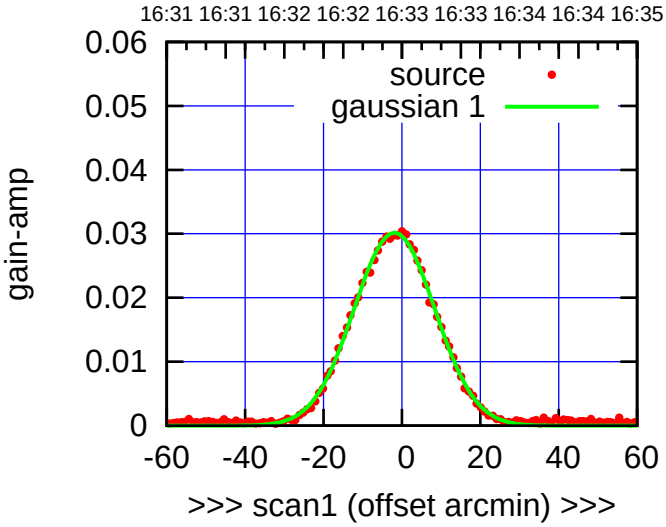


BACKLASH ERROR= 1.1’

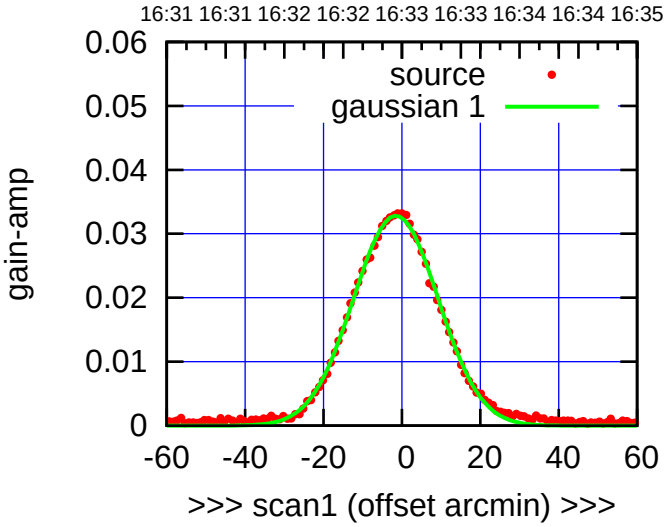


(1371 MHz.)

C10-130-AZ OFF= -1.9’

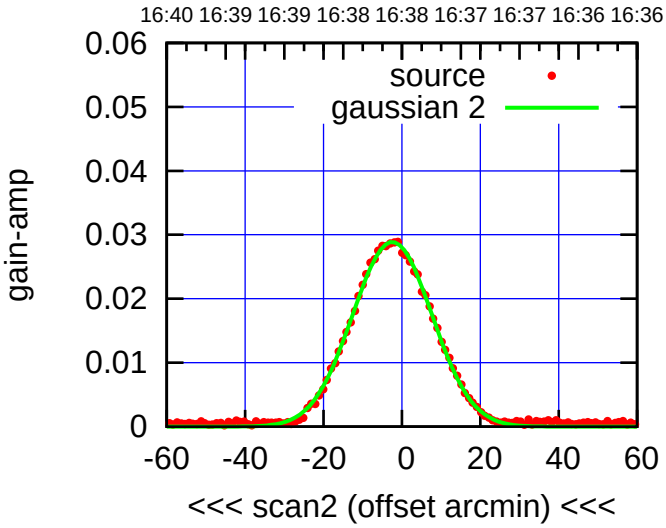


C10-175-AZ OFF= -1.6’

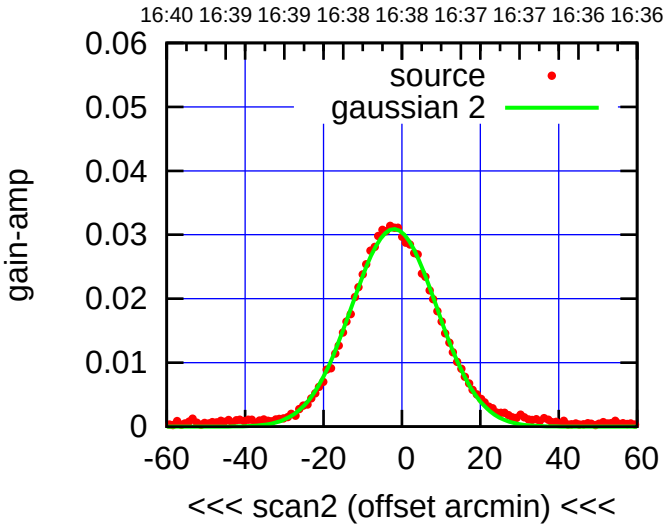


(+30’/m) 28apr2016 16:33

C10-130-AZ OFF= -2.5’

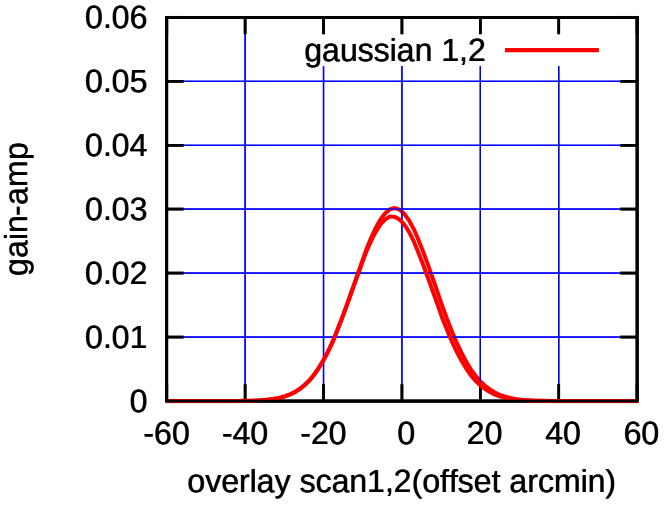


C10-175-AZ OFF= -2.0’

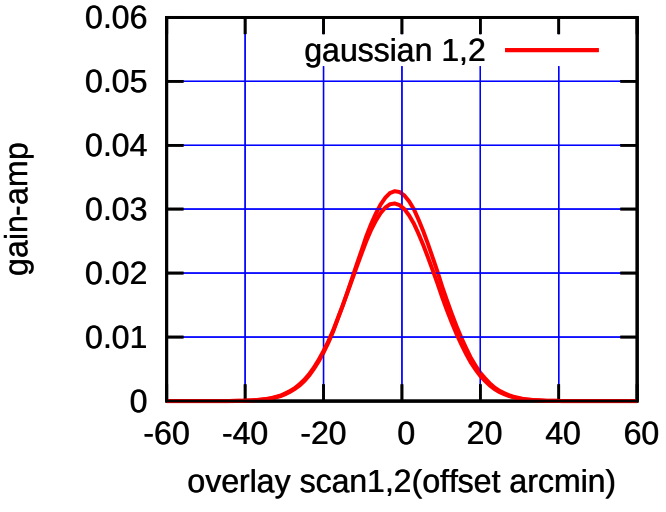


(-30’/m) 28apr2016 16:38

BACKLASH ERROR= 0.7’

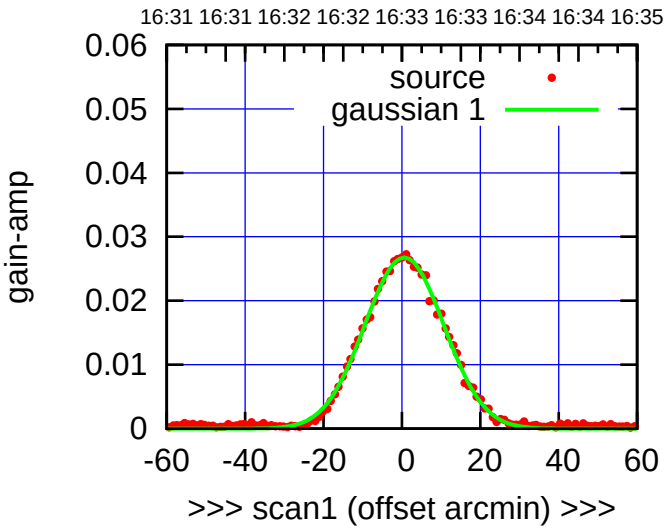


BACKLASH ERROR= 0.4’

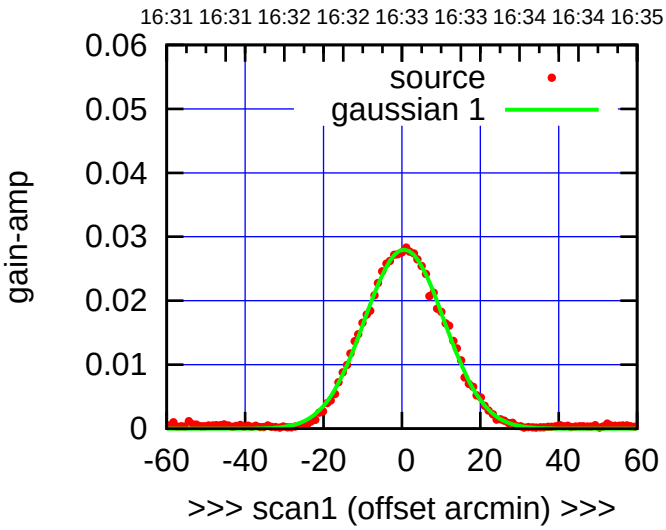


(1371 MHz.)

C11-130-AZ OFF= 0.6’

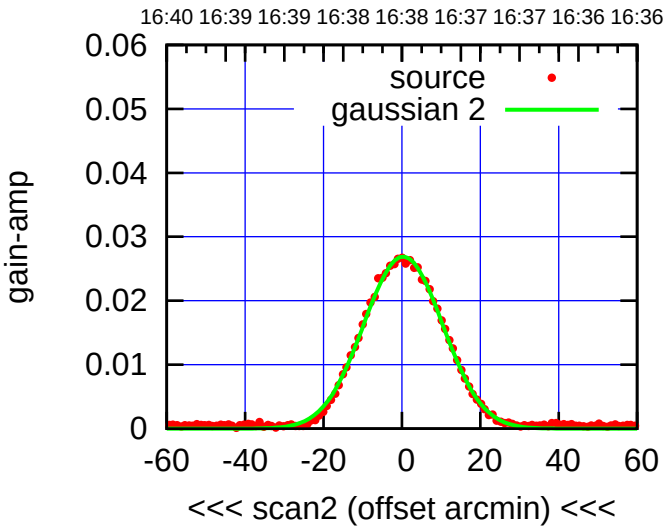


C11-175-AZ OFF= 0.6’

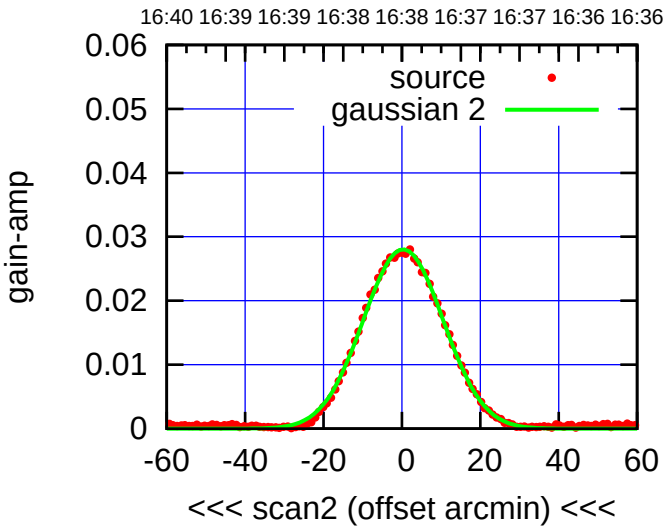


(+30’/m) 28apr2016 16:33

C11-130-AZ OFF= 0.3’

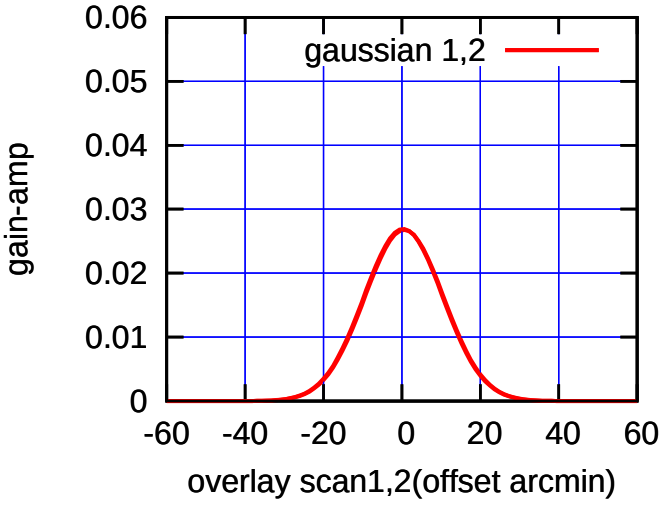


C11-175-AZ OFF= 0.3’

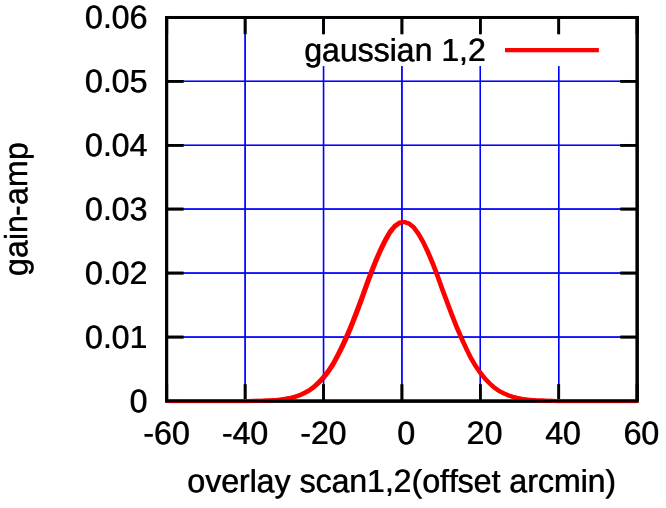


(-30’/m) 28apr2016 16:38

BACKLASH ERROR= 0.3’

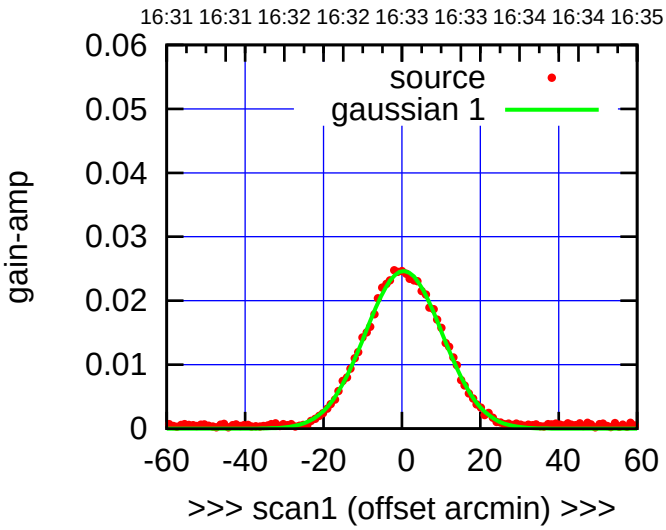


BACKLASH ERROR= 0.3’

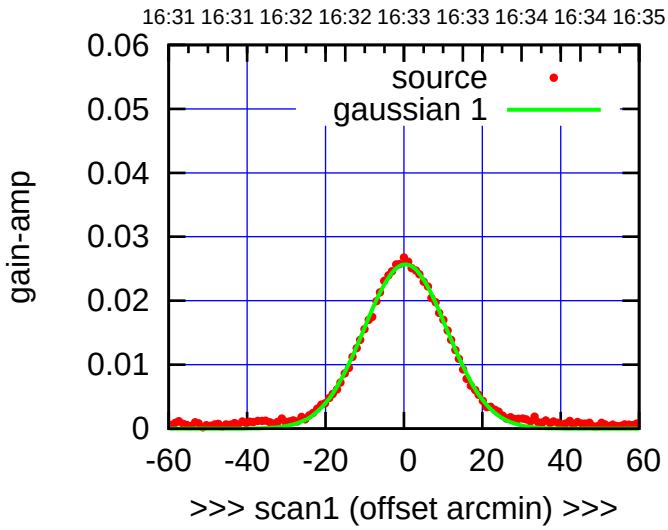


(1371 MHz.)

C12-130-AZ OFF= 0.5’

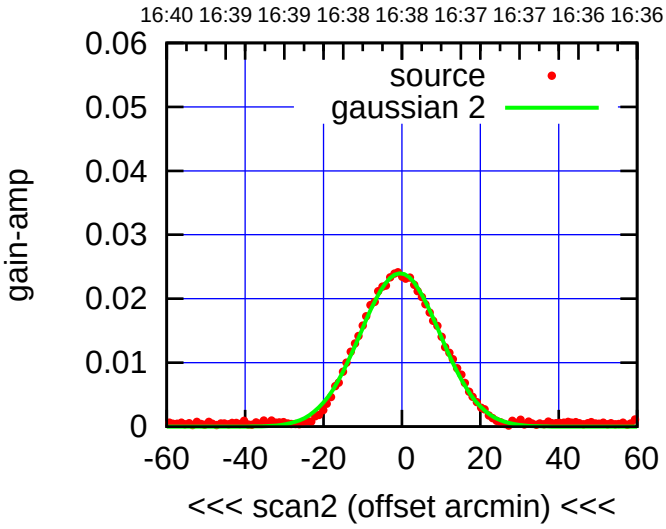


C12-175-AZ OFF= 0.4’

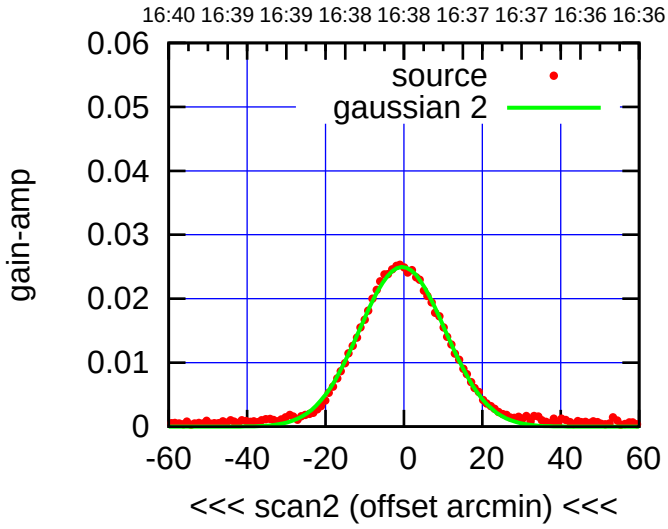


(+30’/m) 28apr2016 16:33

C12-130-AZ OFF= -0.5’

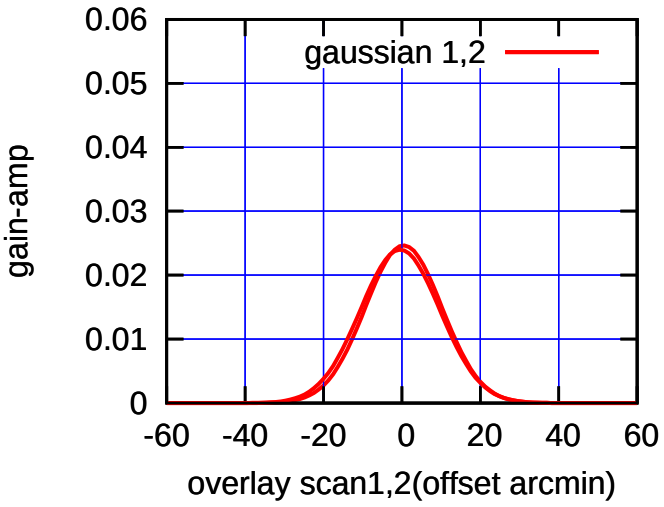


C12-175-AZ OFF= -0.4’

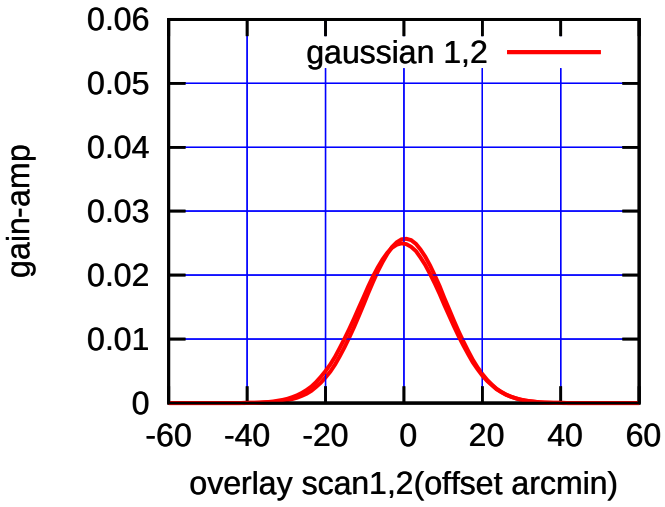


(-30’/m) 28apr2016 16:38

BACKLASH ERROR= 1.1’

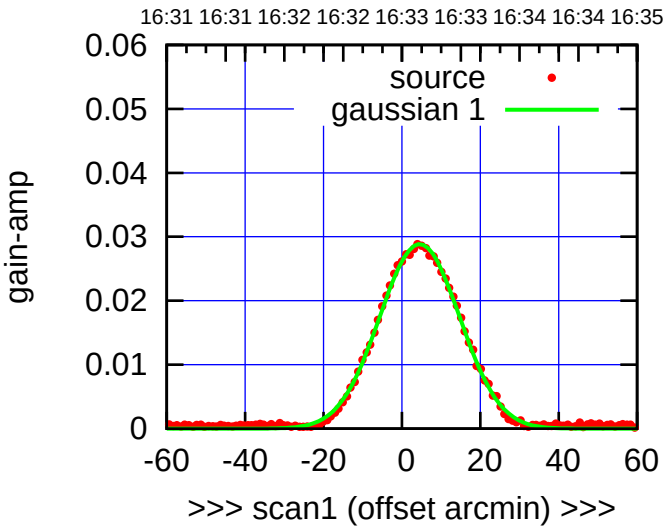


BACKLASH ERROR= 0.9’

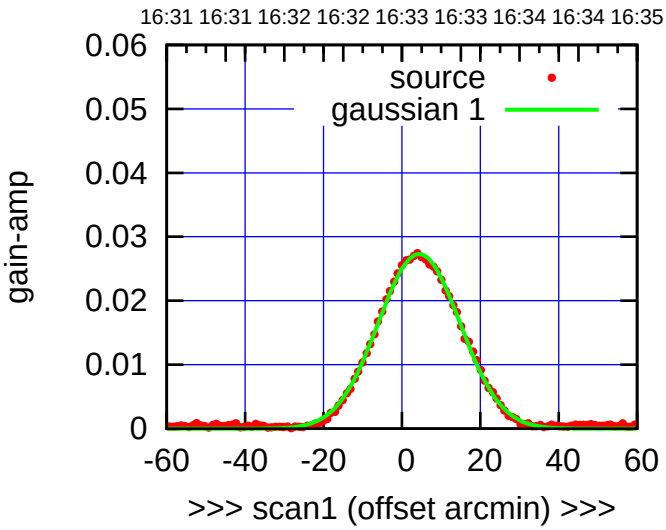


(1371 MHz.)

C13-130-AZ OFF= 4.5’

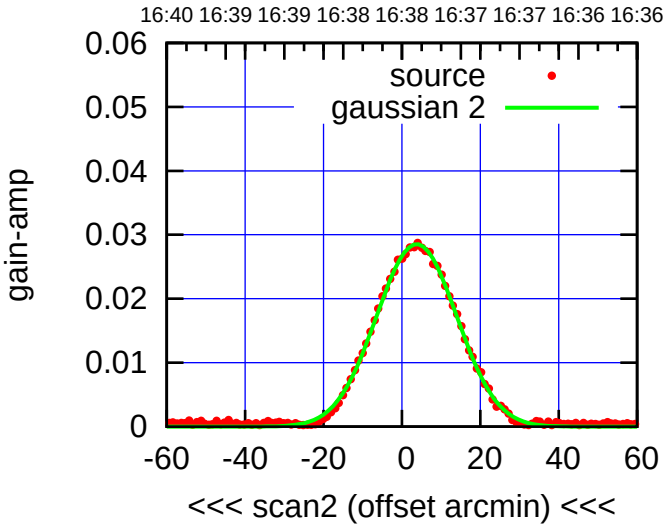


C13-175-AZ OFF= 4.4’

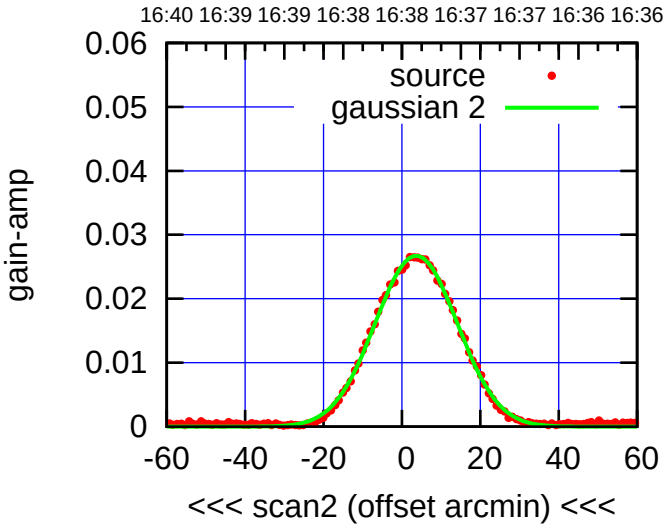


(+30’/m) 28apr2016 16:33

C13-130-AZ OFF= 3.8’

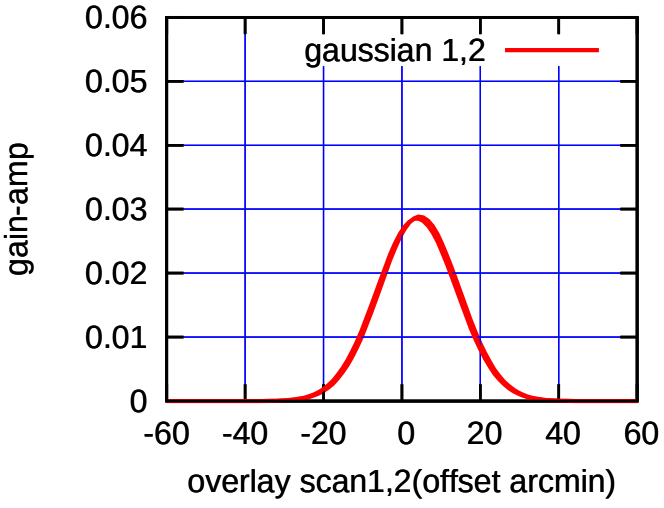


C13-175-AZ OFF= 3.6’

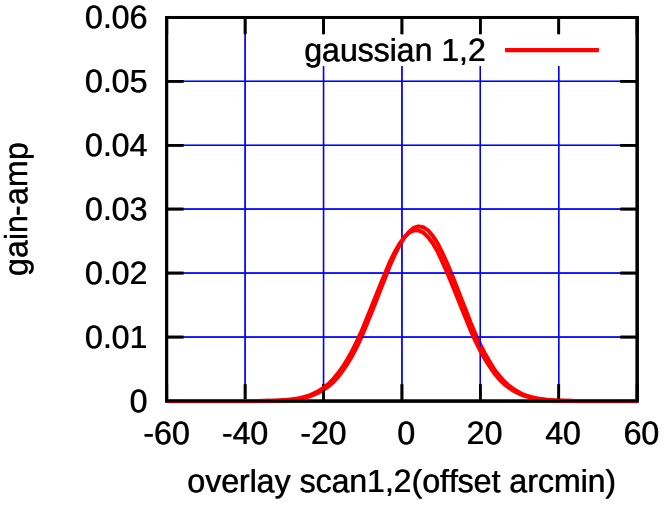


(-30’/m) 28apr2016 16:38

BACKLASH ERROR= 0.8’

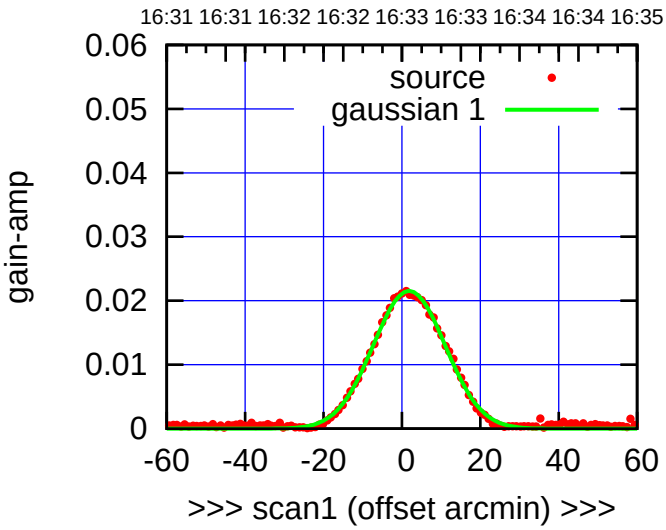


BACKLASH ERROR= 0.9’

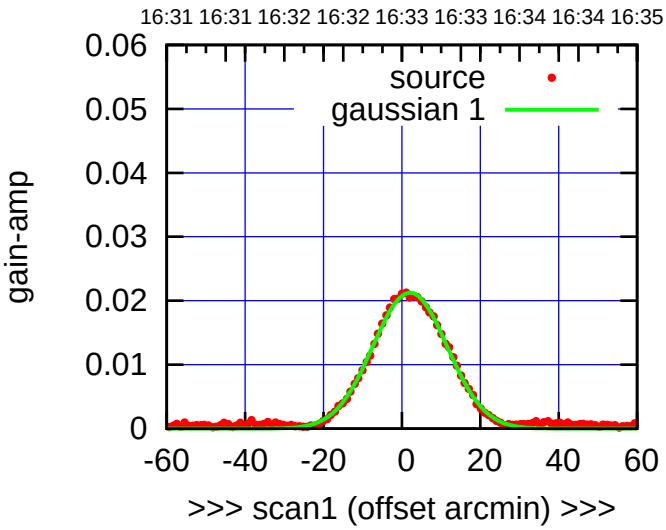


(1371 MHz.)

C14-130-AZ OFF= 1.9’

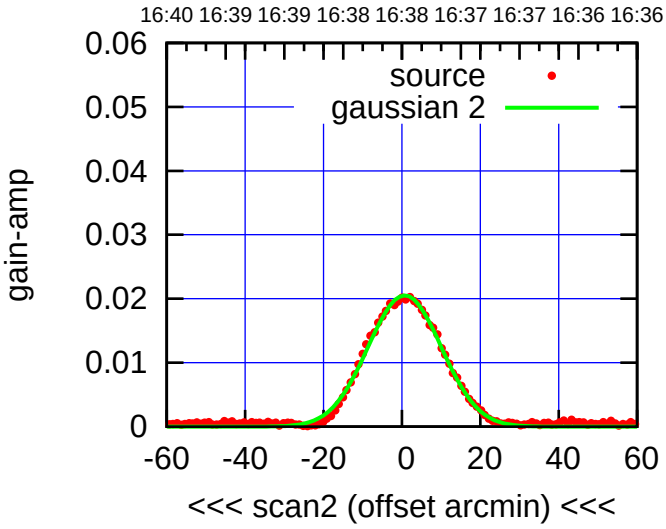


C14-175-AZ OFF= 2.1’

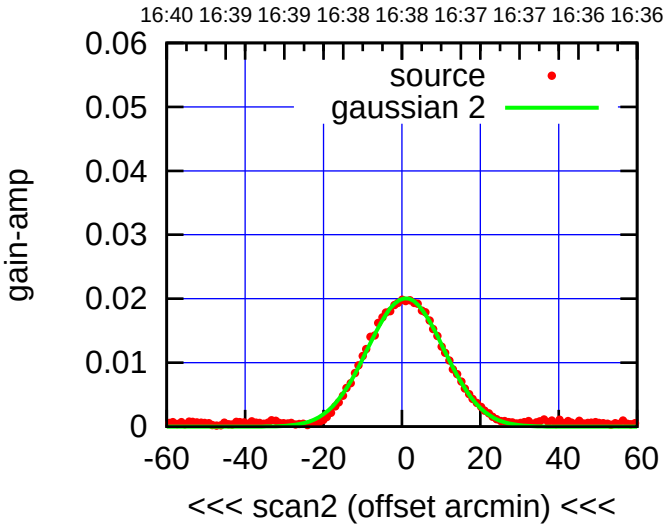


(+30’/m) 28apr2016 16:33

C14-130-AZ OFF= 0.7’

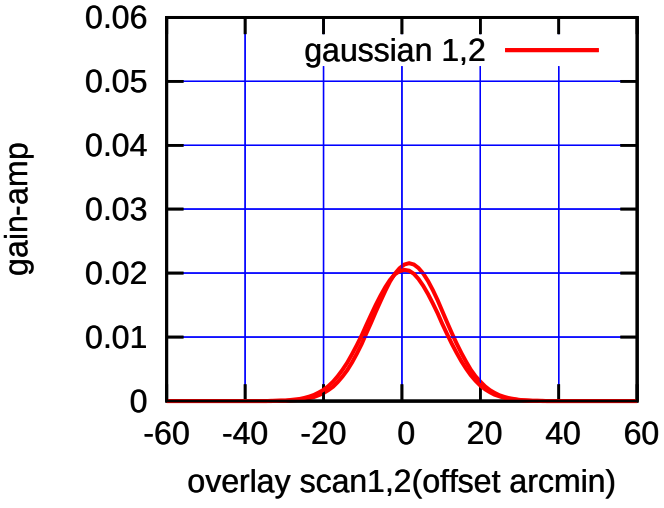


C14-175-AZ OFF= 0.9’

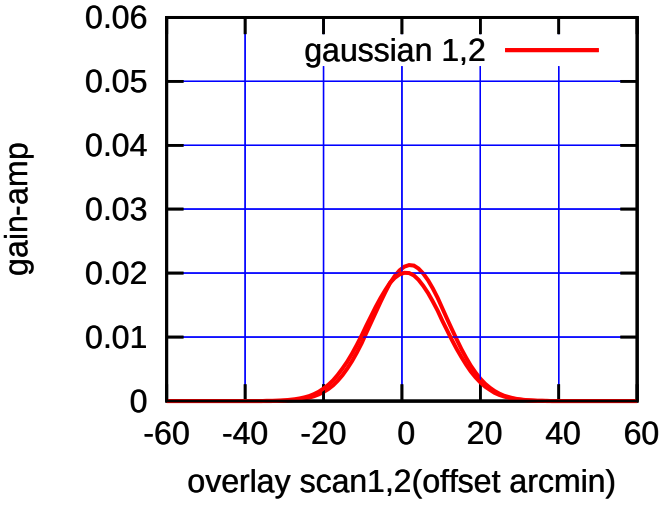


(-30’/m) 28apr2016 16:38

BACKLASH ERROR= 1.3’

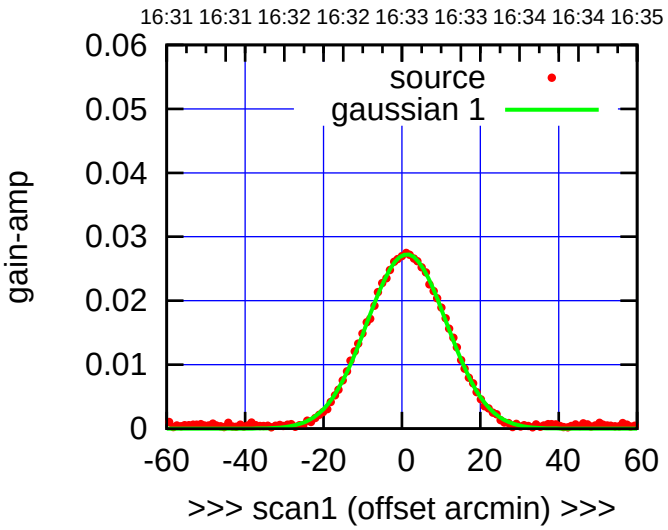


BACKLASH ERROR= 1.3’

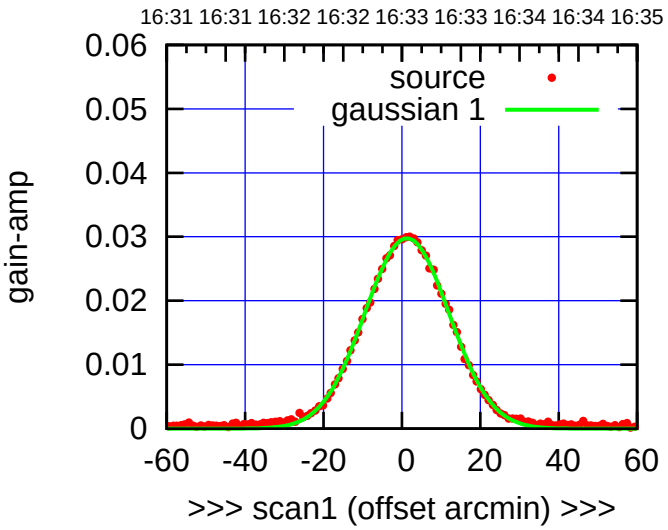


(1371 MHz.)

E02-130-AZ OFF= 1.2’

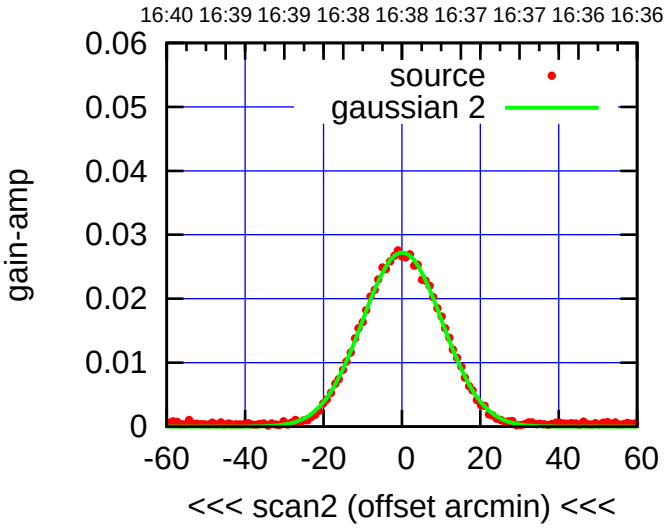


E02-175-AZ OFF= 1.3’

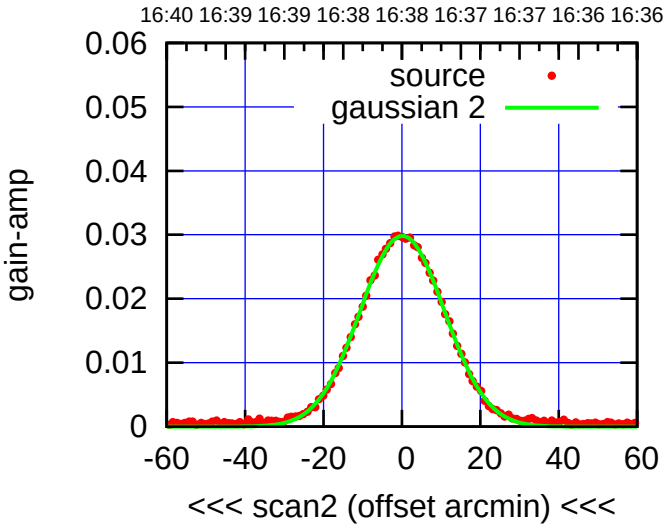


(+30’/m) 28apr2016 16:33

E02-130-AZ OFF= 0.1’

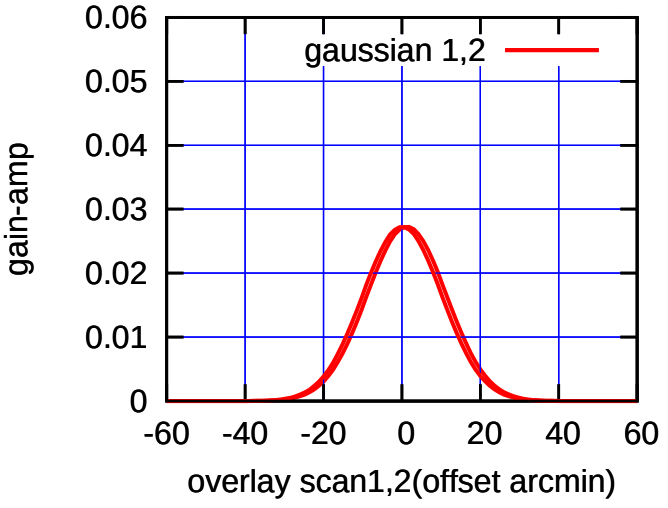


E02-175-AZ OFF= 0.1’

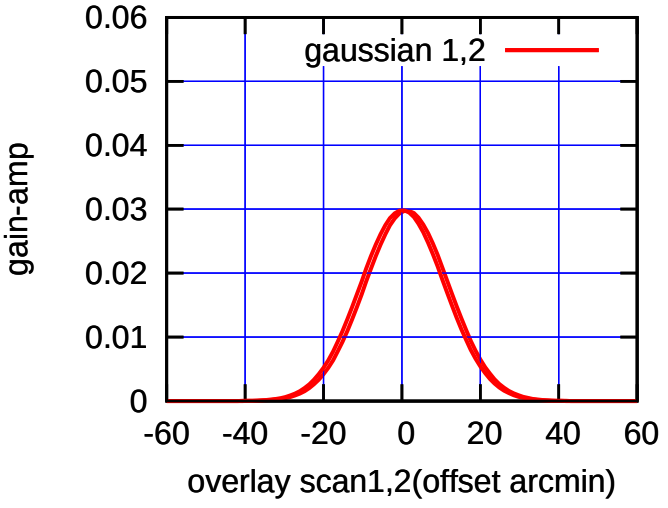


(-30’/m) 28apr2016 16:38

BACKLASH ERROR= 1.2’

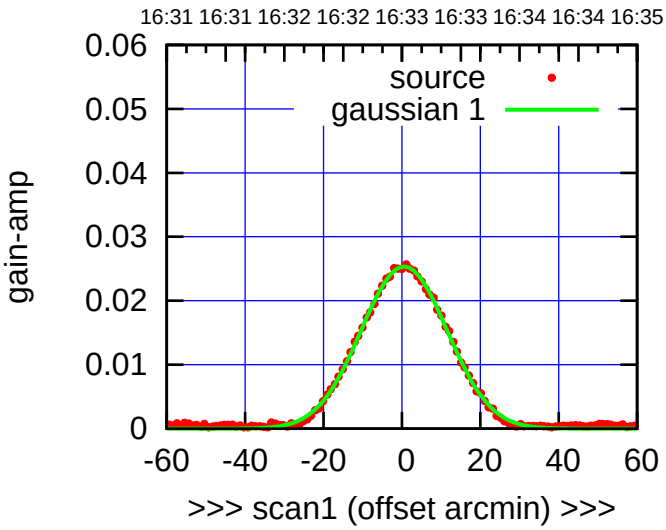


BACKLASH ERROR= 1.3’

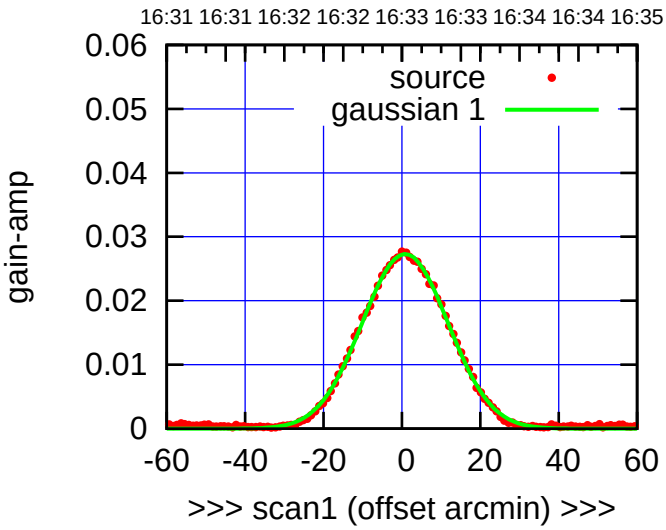


(1371 MHz.)

E03-130-AZ OFF= 0.6’

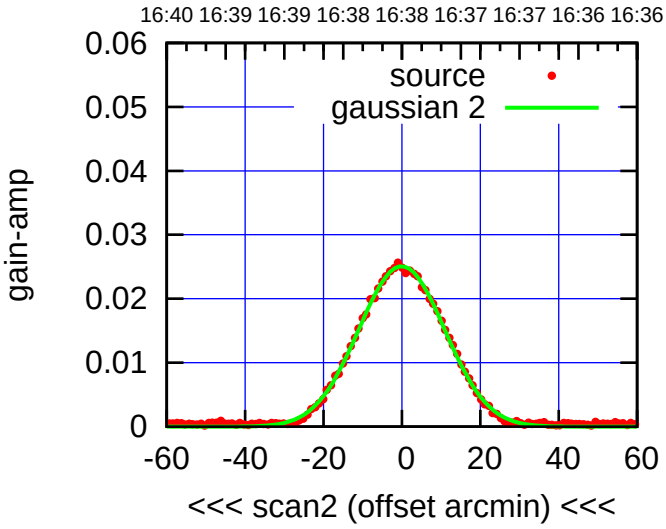


E03-175-AZ OFF= 0.8’

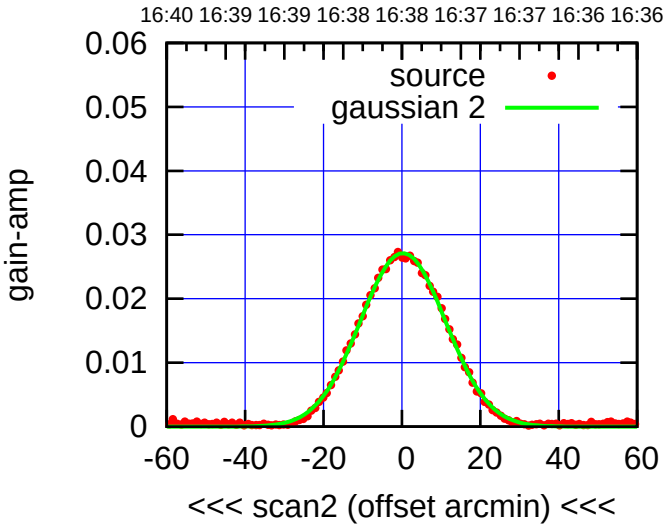


(+30’/m) 28apr2016 16:33

E03-130-AZ OFF= -0.1’

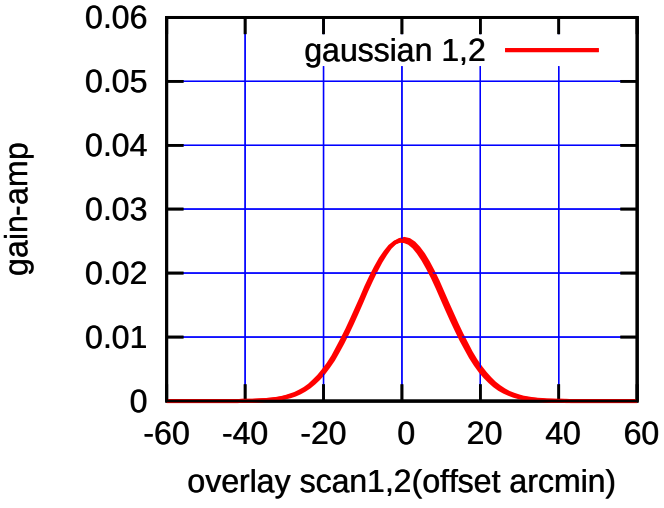


E03-175-AZ OFF= 0.3’

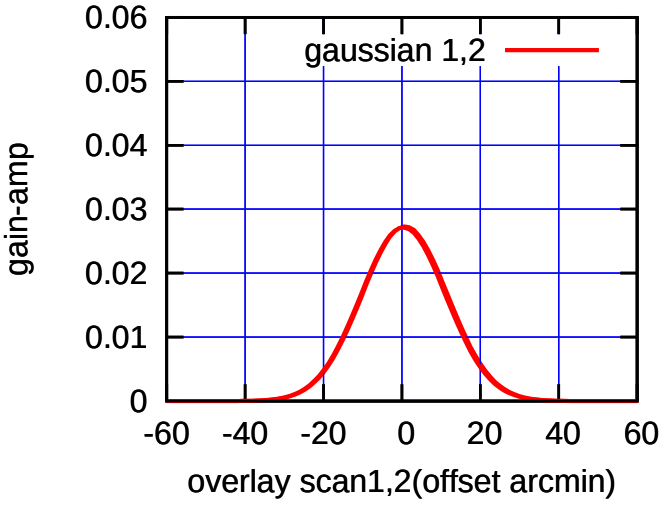


(-30’/m) 28apr2016 16:38

BACKLASH ERROR= 0.8’

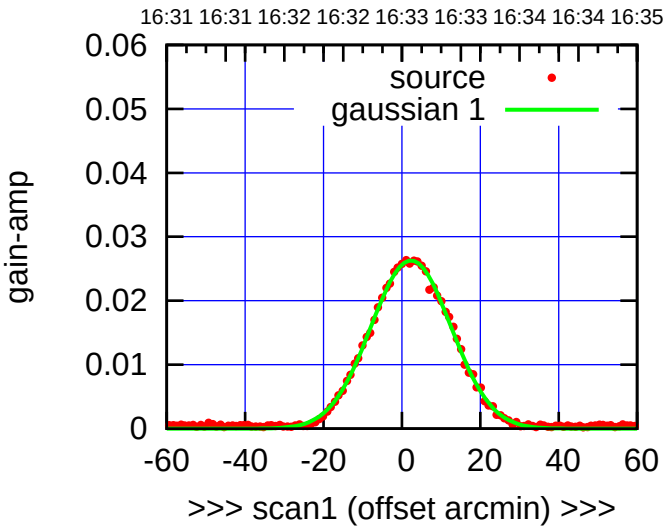


BACKLASH ERROR= 0.6’

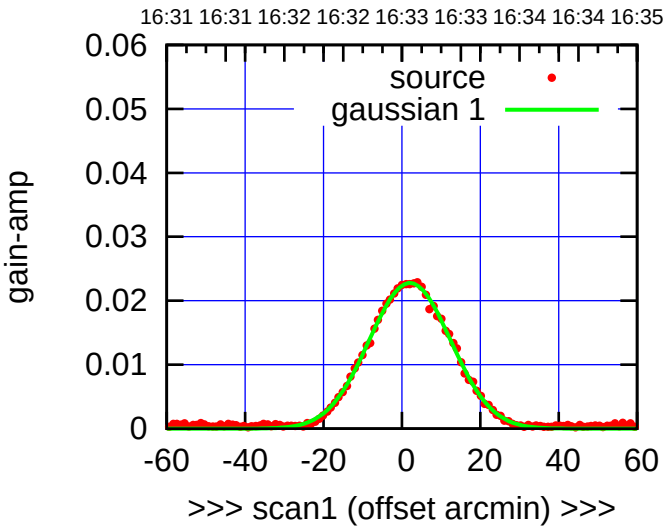


(1371 MHz.)

E04-130-AZ OFF= 2.3’

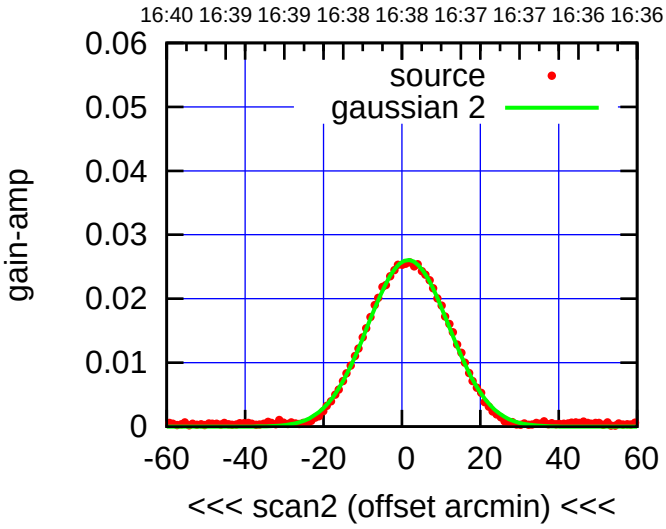


E04-175-AZ OFF= 2.0’

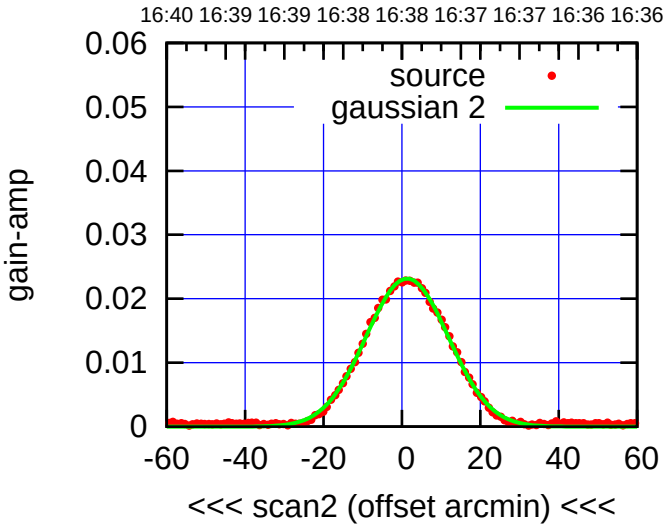


(+30’/m) 28apr2016 16:33

E04-130-AZ OFF= 1.6’

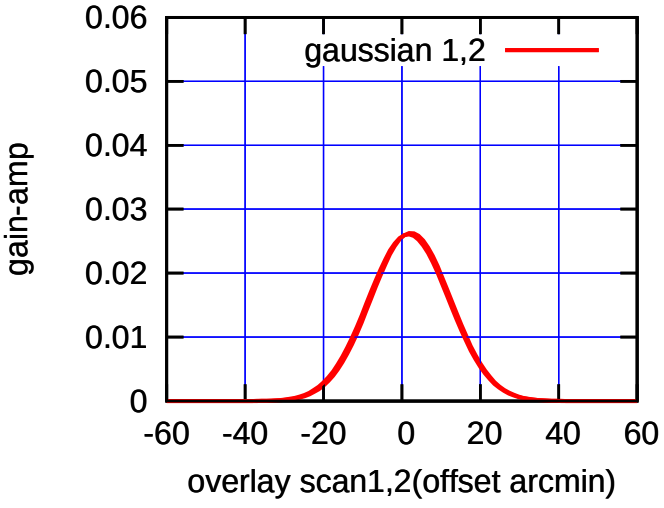


E04-175-AZ OFF= 1.3’

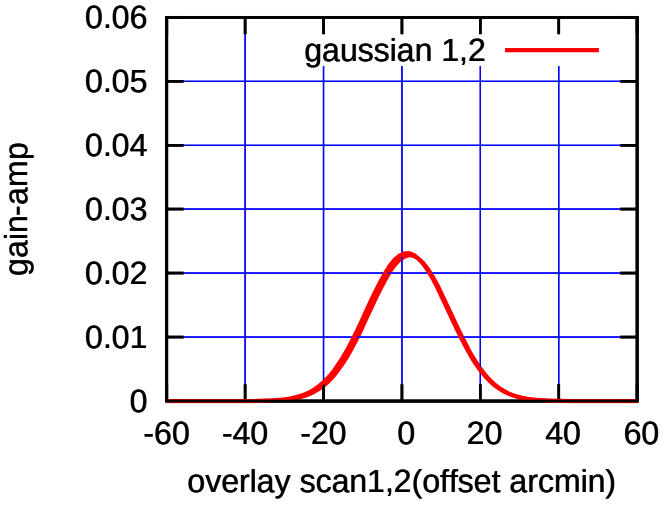


(-30’/m) 28apr2016 16:38

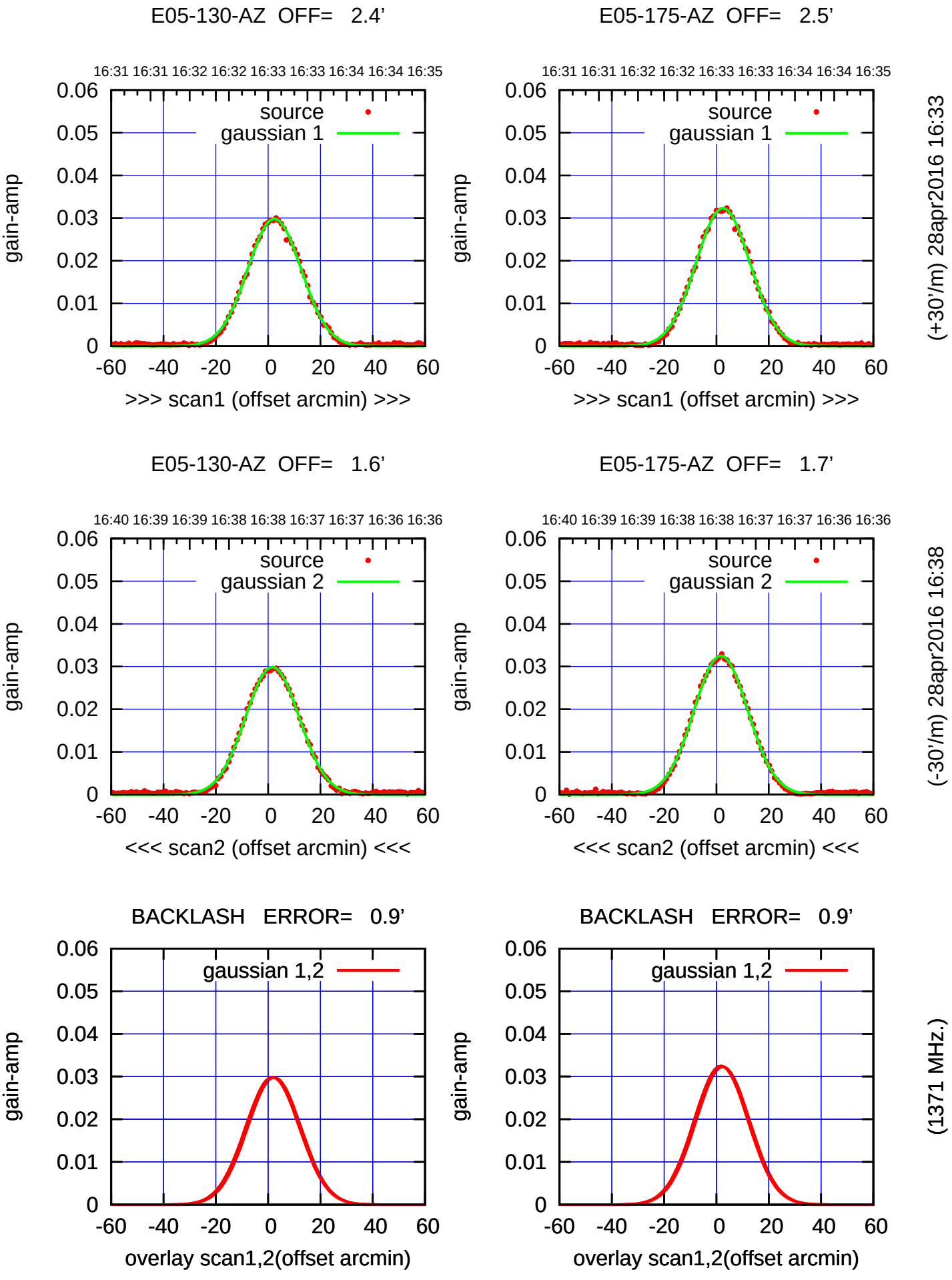
BACKLASH ERROR= 0.8’



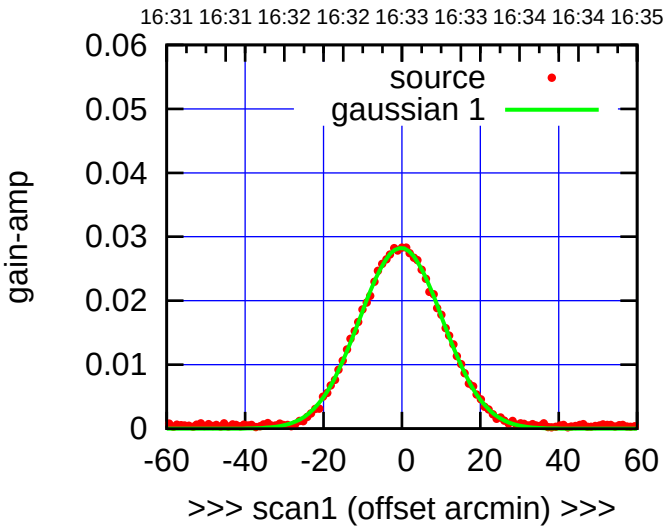
BACKLASH ERROR= 0.8’



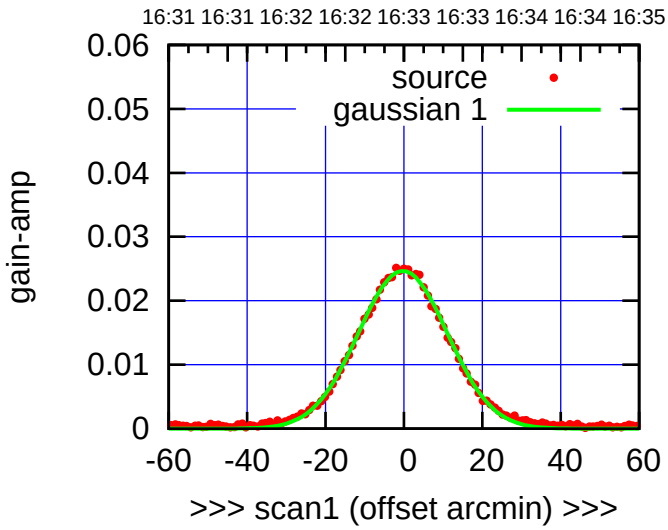
(1371 MHz.)


E05-130-AZ OFF= 2.4'
16:31 16:31 16:32 16:32 16:33 16:33 16:34 16:34 16:35
source
gaussian 1
gain-amp
>>> scan1 (offset arcmin) >>>
E05-175-AZ OFF= 2.5'
16:31 16:31 16:32 16:32 16:33 16:33 16:34 16:34 16:35
source
gaussian 1
gain-amp
>>> scan1 (offset arcmin) >>>
(+30'/m) 28apr2016 16:33
E05-130-AZ OFF= 1.6'
16:40 16:39 16:39 16:38 16:38 16:37 16:37 16:36 16:36
source
gaussian 2
gain-amp
<<< scan2 (offset arcmin) <<<
E05-175-AZ OFF= 1.7'
16:40 16:39 16:39 16:38 16:38 16:37 16:37 16:36 16:36
source
gaussian 2
gain-amp
<<< scan2 (offset arcmin) <<<
(-30'/m) 28apr2016 16:38
BACKLASH ERROR= 0.9'
gaussian 1,2
gain-amp
overlay scan1,2(offset arcmin)
BACKLASH ERROR= 0.9'
gaussian 1,2
gain-amp
overlay scan1,2(offset arcmin)
(1371 MHz.)

E06-130-AZ OFF= -0.2’

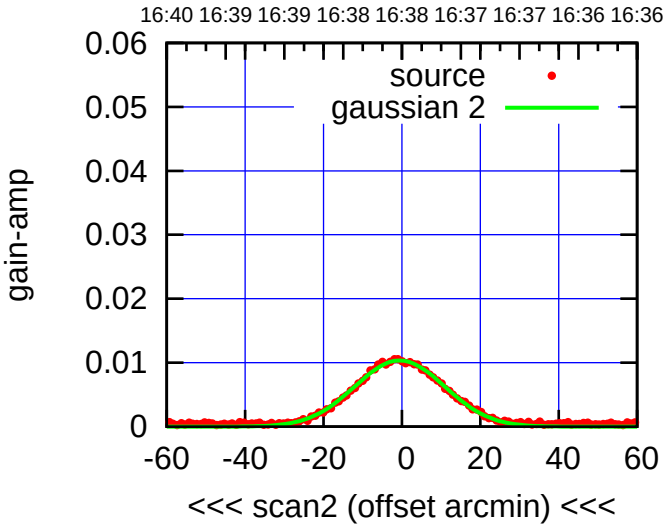


E06-175-AZ OFF= -0.3’

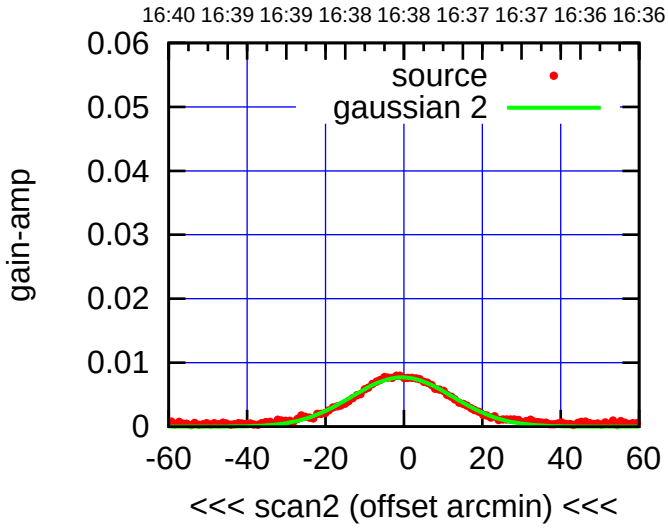


(+30’/m) 28apr2016 16:33

E06-130-AZ OFF= -0.6’

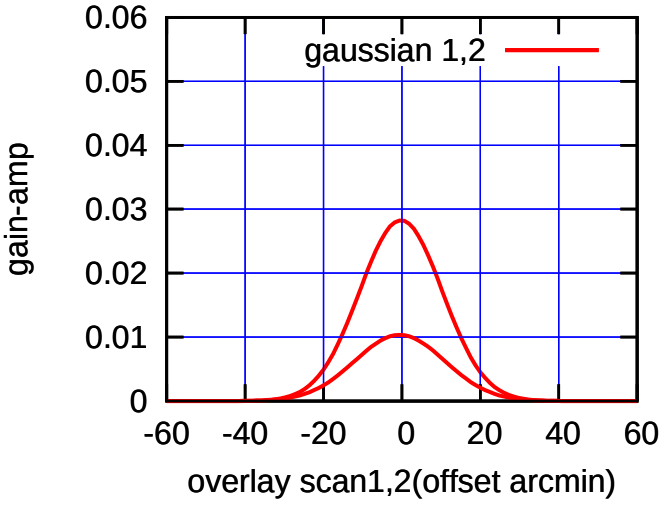


E06-175-AZ OFF= -0.5’

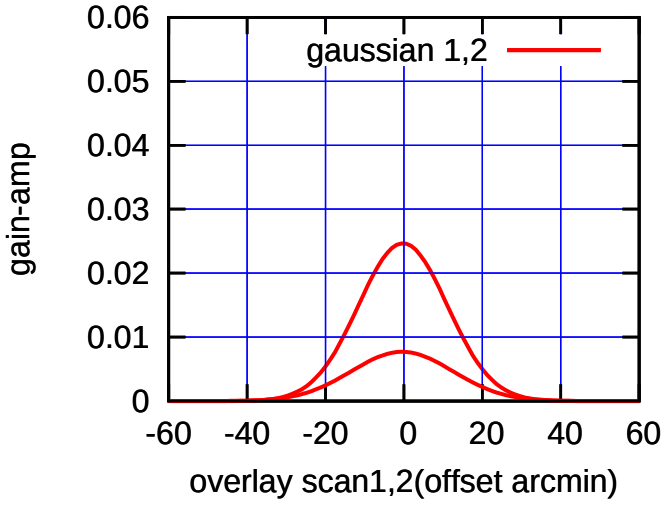


(-30’/m) 28apr2016 16:38

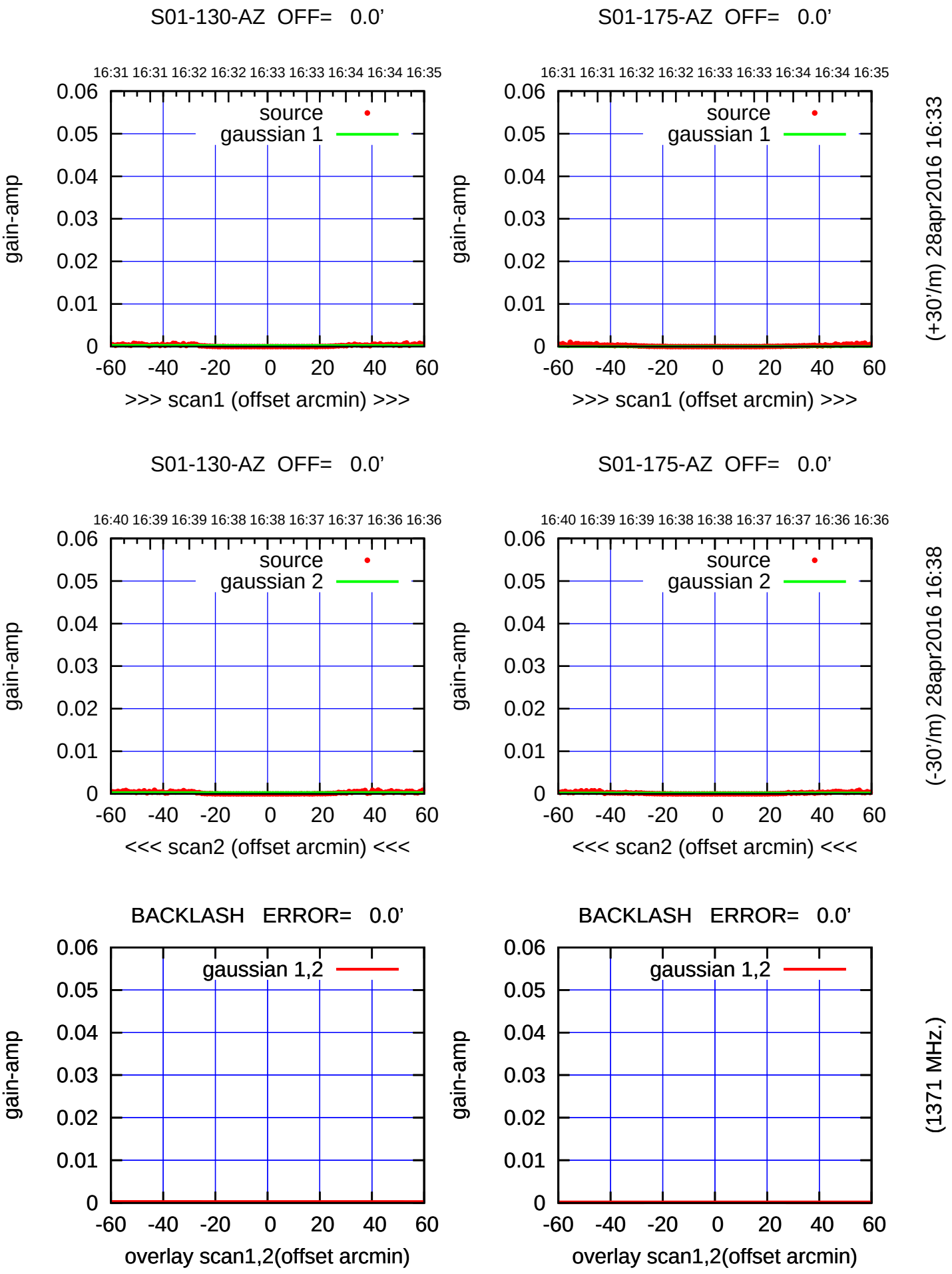
BACKLASH ERROR= 0.4’



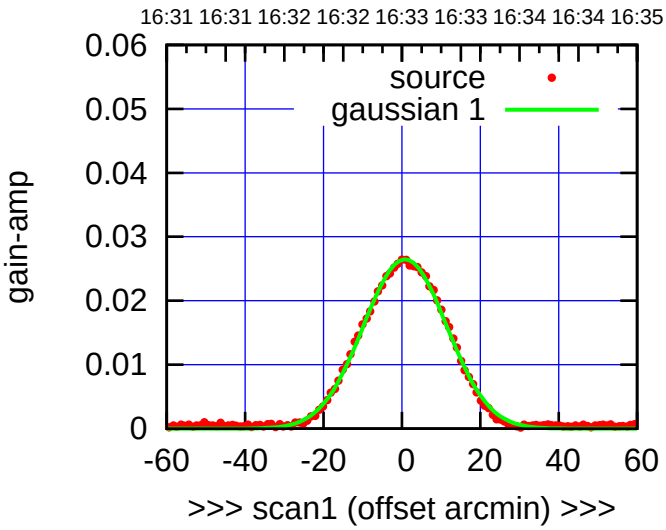
BACKLASH ERROR= 0.2’



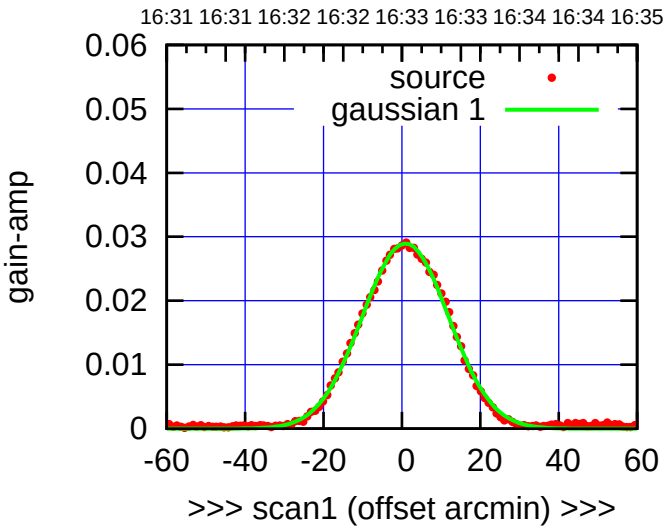
(1371 MHz.)


S01-130-AZ OFF= 0.0'
16:31 16:31 16:32 16:32 16:33 16:33 16:34 16:34 16:35
source
gaussian 1
gain-amp
>>> scan1 (offset arcmin) >>>
S01-175-AZ OFF= 0.0'
16:31 16:31 16:32 16:32 16:33 16:33 16:34 16:34 16:35
source
gaussian 1
gain-amp
>>> scan1 (offset arcmin) >>>
(+30'/m) 28apr2016 16:33
S01-130-AZ OFF= 0.0'
16:40 16:39 16:39 16:38 16:38 16:37 16:37 16:36 16:36
source
gaussian 2
gain-amp
<<< scan2 (offset arcmin) <<<
S01-175-AZ OFF= 0.0'
16:40 16:39 16:39 16:38 16:38 16:37 16:37 16:36 16:36
source
gaussian 2
gain-amp
<<< scan2 (offset arcmin) <<<
(-30'/m) 28apr2016 16:38
BACKLASH ERROR= 0.0'
gaussian 1,2
gain-amp
overlay scan1,2(offset arcmin)
BACKLASH ERROR= 0.0'
gaussian 1,2
gain-amp
overlay scan1,2(offset arcmin)
(1371 MHz.)

S02-130-AZ OFF= 0.8’

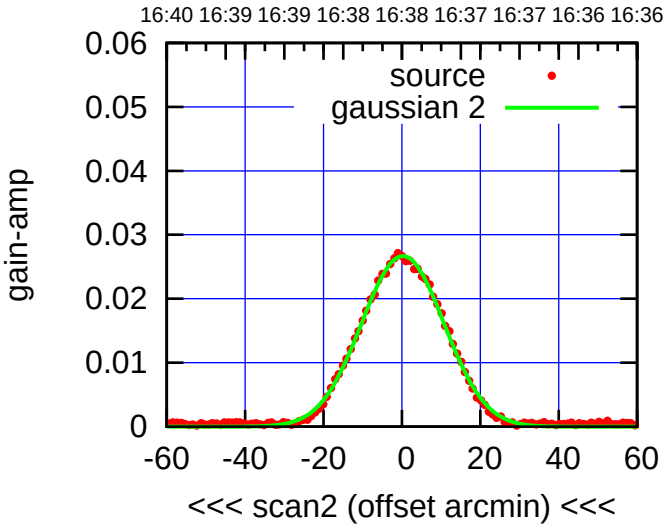


S02-175-AZ OFF= 0.9’

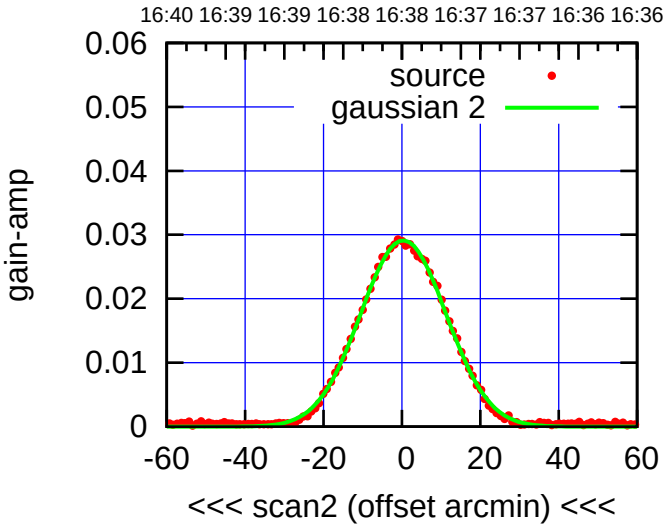


(+30’/m) 28apr2016 16:33

S02-130-AZ OFF= 0.2’

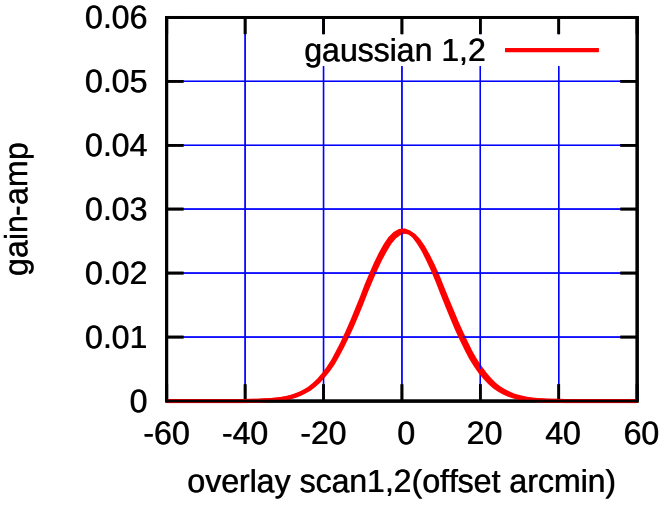


S02-175-AZ OFF= 0.4’

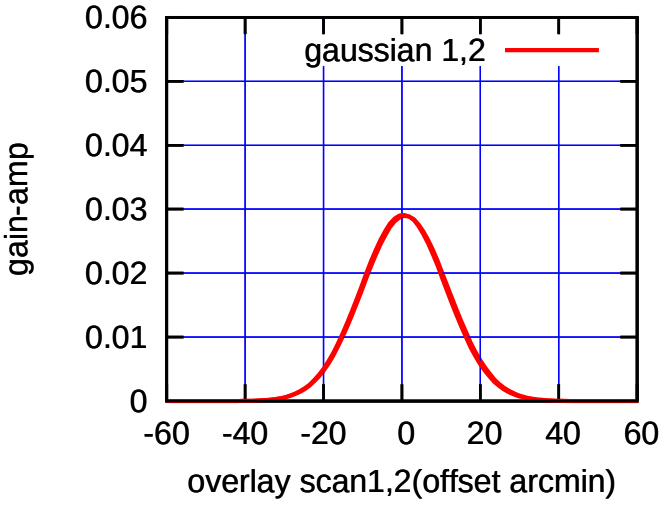


(-30’/m) 28apr2016 16:38

BACKLASH ERROR= 0.7’

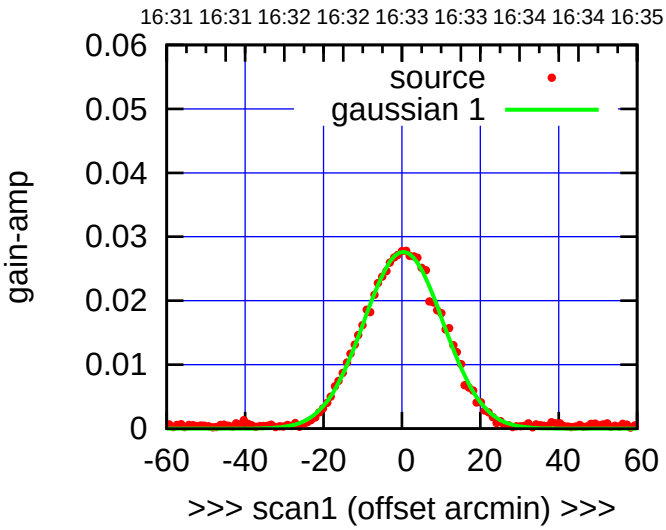


BACKLASH ERROR= 0.6’

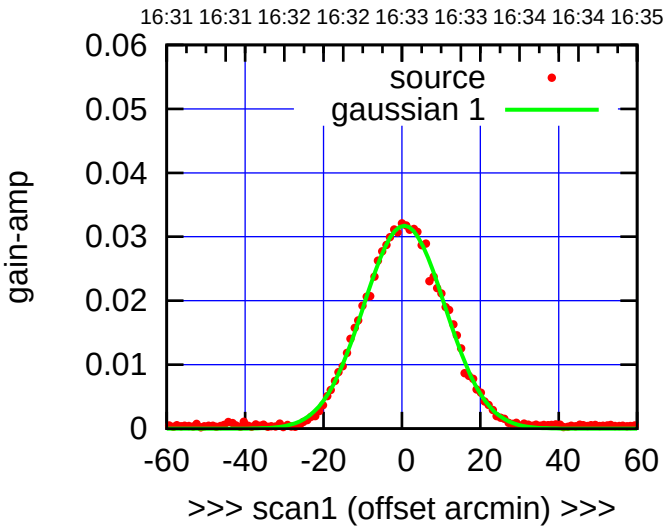


(1371 MHz.)

S03-130-AZ OFF= 0.4’

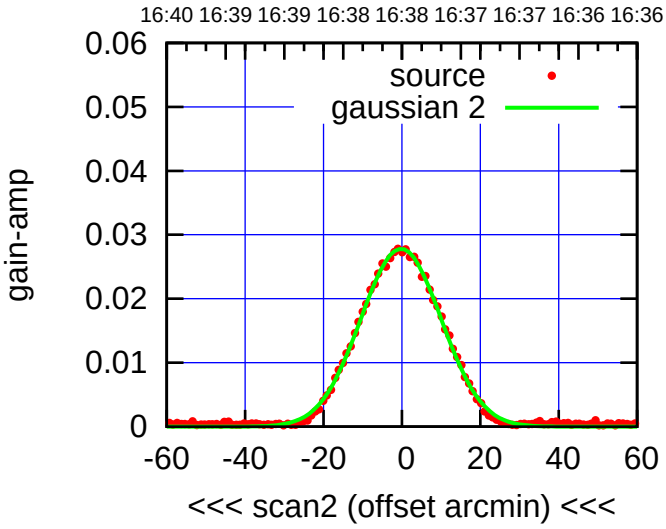


S03-175-AZ OFF= 0.6’

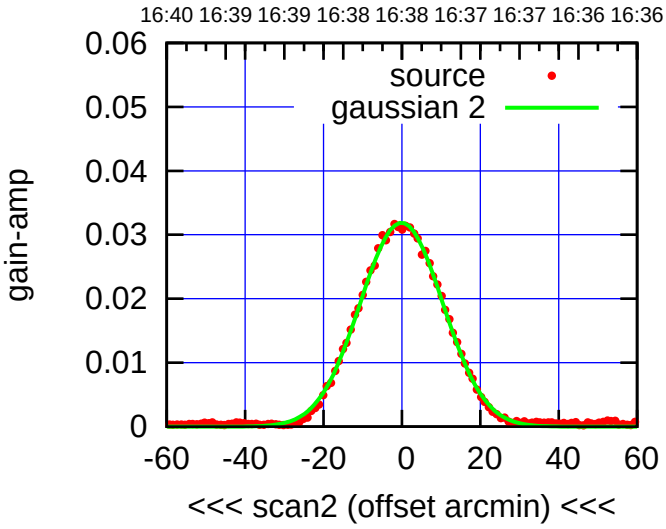


(+30’/m) 28apr2016 16:33

S03-130-AZ OFF= -0.2’

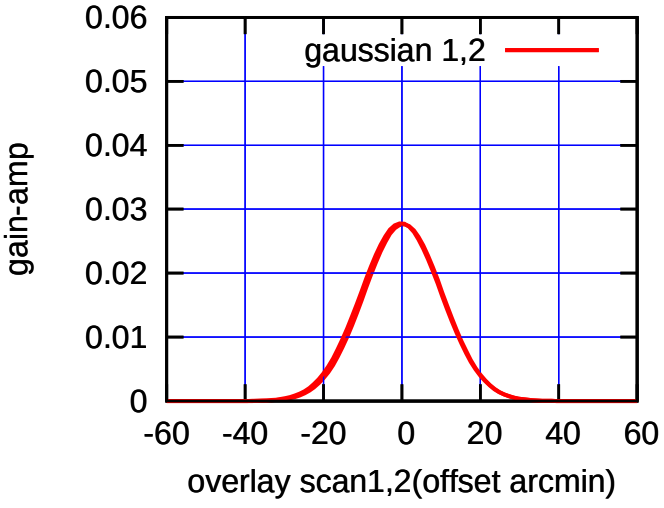


S03-175-AZ OFF= -0.1’

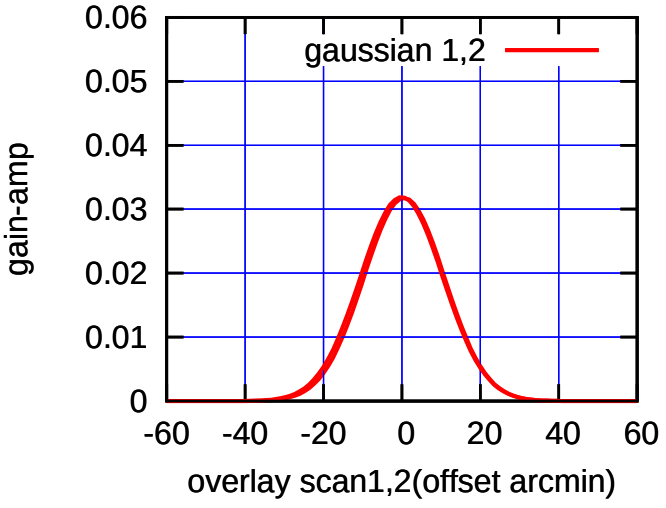


(-30’/m) 28apr2016 16:38

BACKLASH ERROR= 0.7’

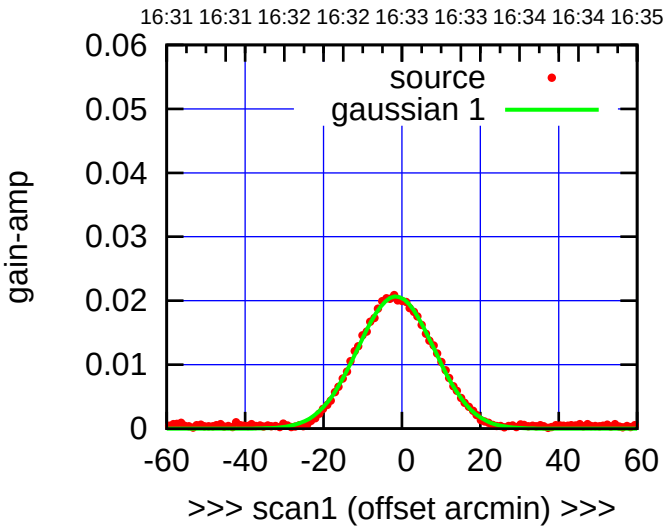


BACKLASH ERROR= 0.8’

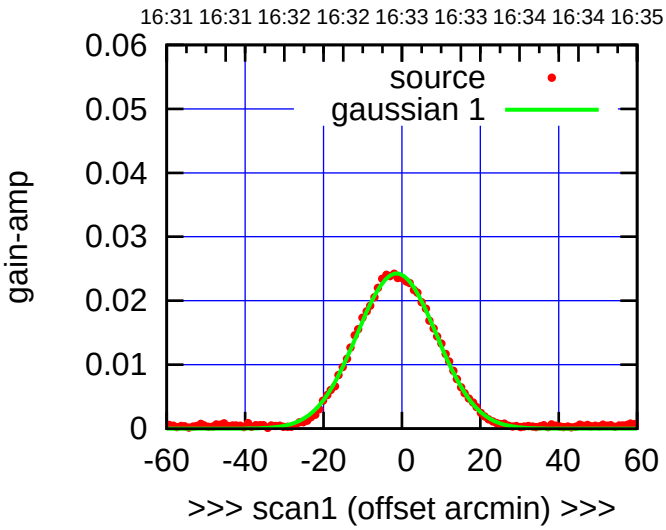


(1371 MHz.)

S04-130-AZ OFF= -1.6’

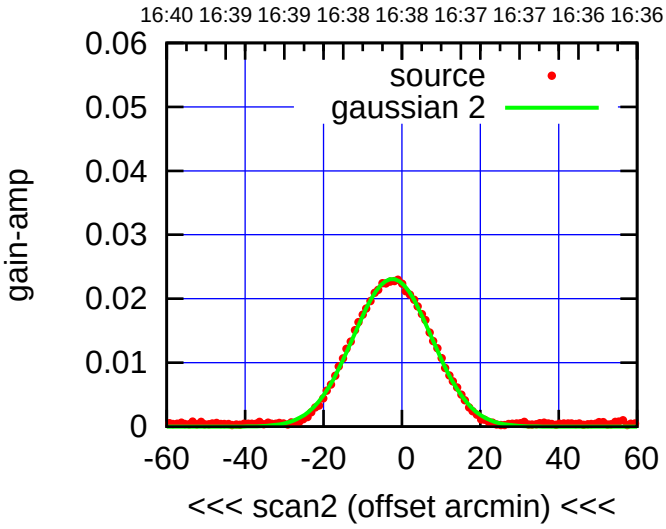


S04-175-AZ OFF= -1.3’

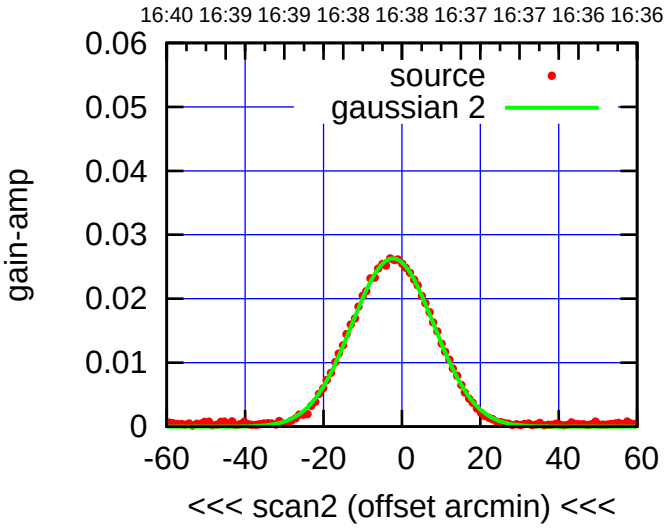


(+30’/m) 28apr2016 16:33

S04-130-AZ OFF= -2.4’

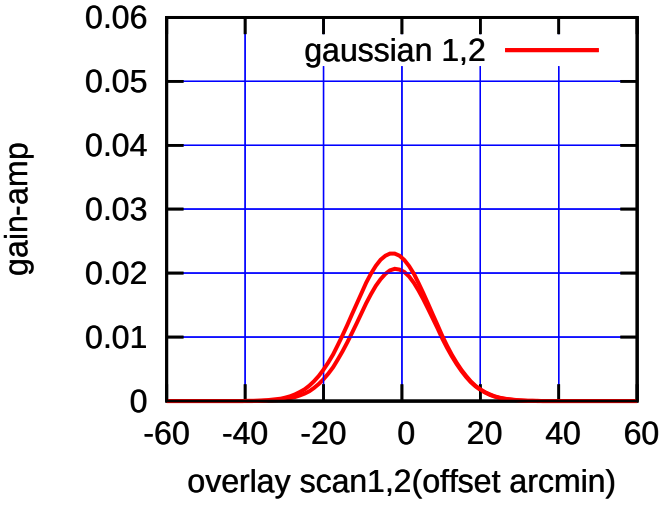


S04-175-AZ OFF= -2.3’

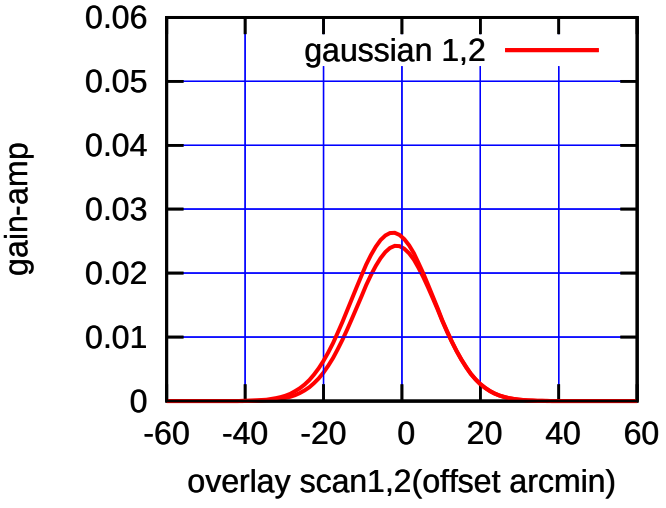


(-30’/m) 28apr2016 16:38

BACKLASH ERROR= 0.9’

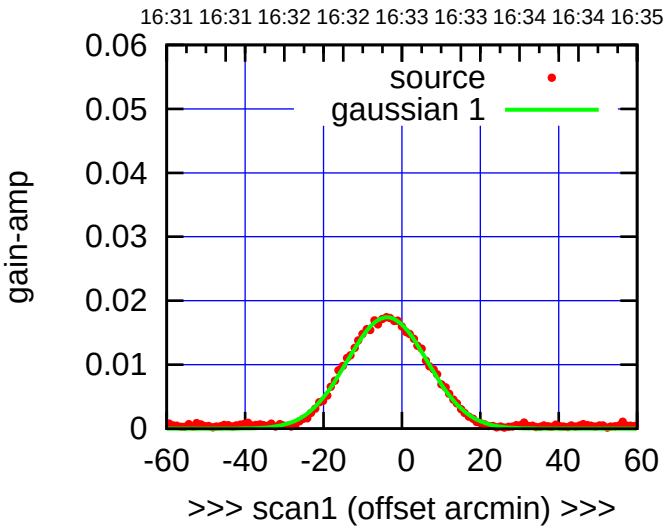


BACKLASH ERROR= 1.1’

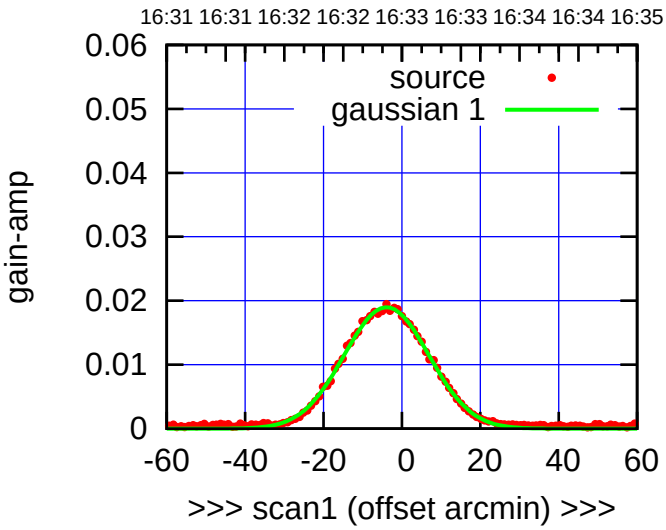


(1371 MHz.)

S06-130-AZ OFF= -3.8’

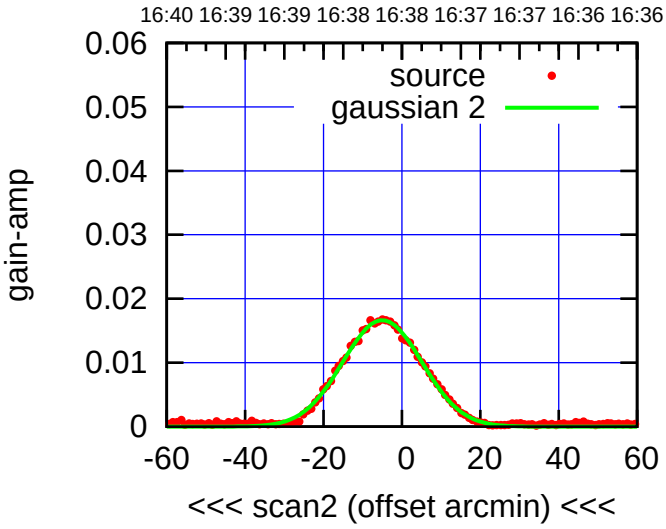


S06-175-AZ OFF= -3.9’

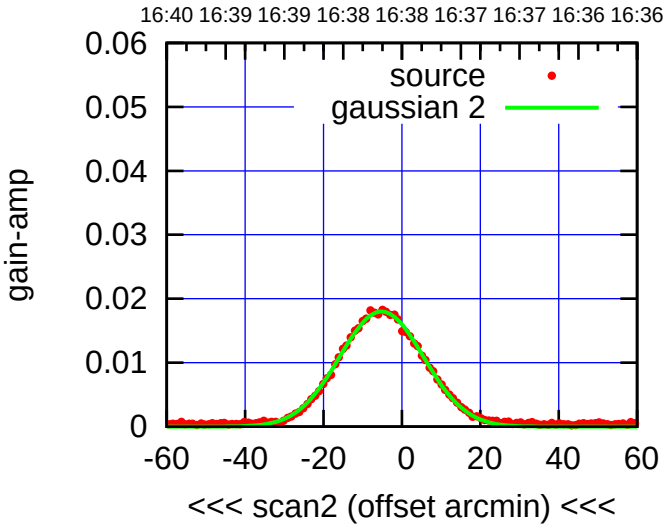


(+30’/m) 28apr2016 16:33

S06-130-AZ OFF= -5.0’

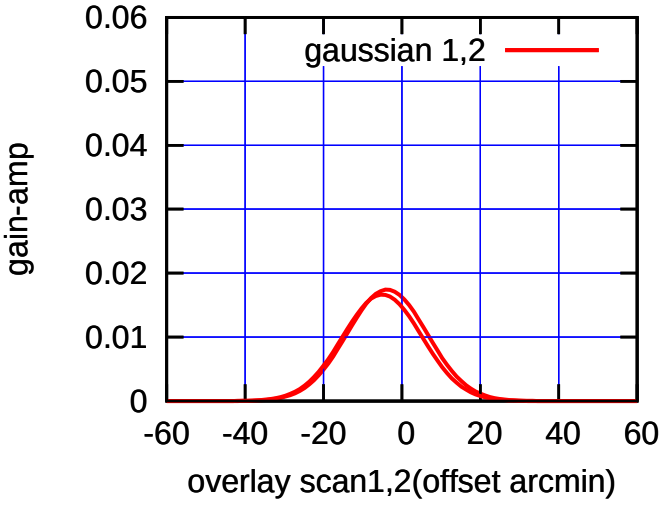


S06-175-AZ OFF= -5.2’

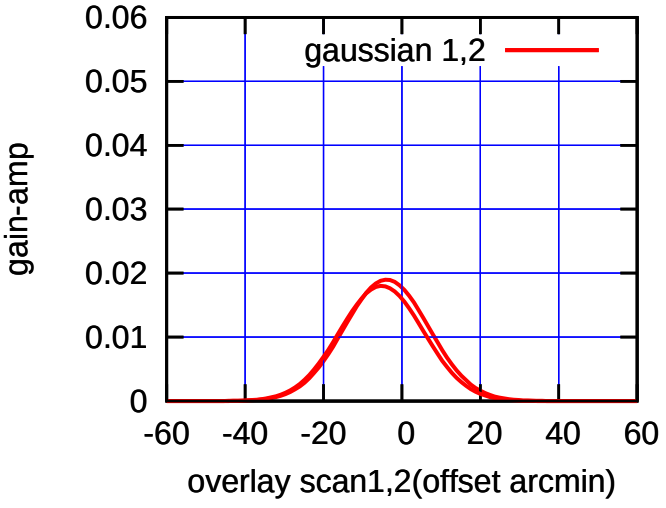


(-30’/m) 28apr2016 16:38

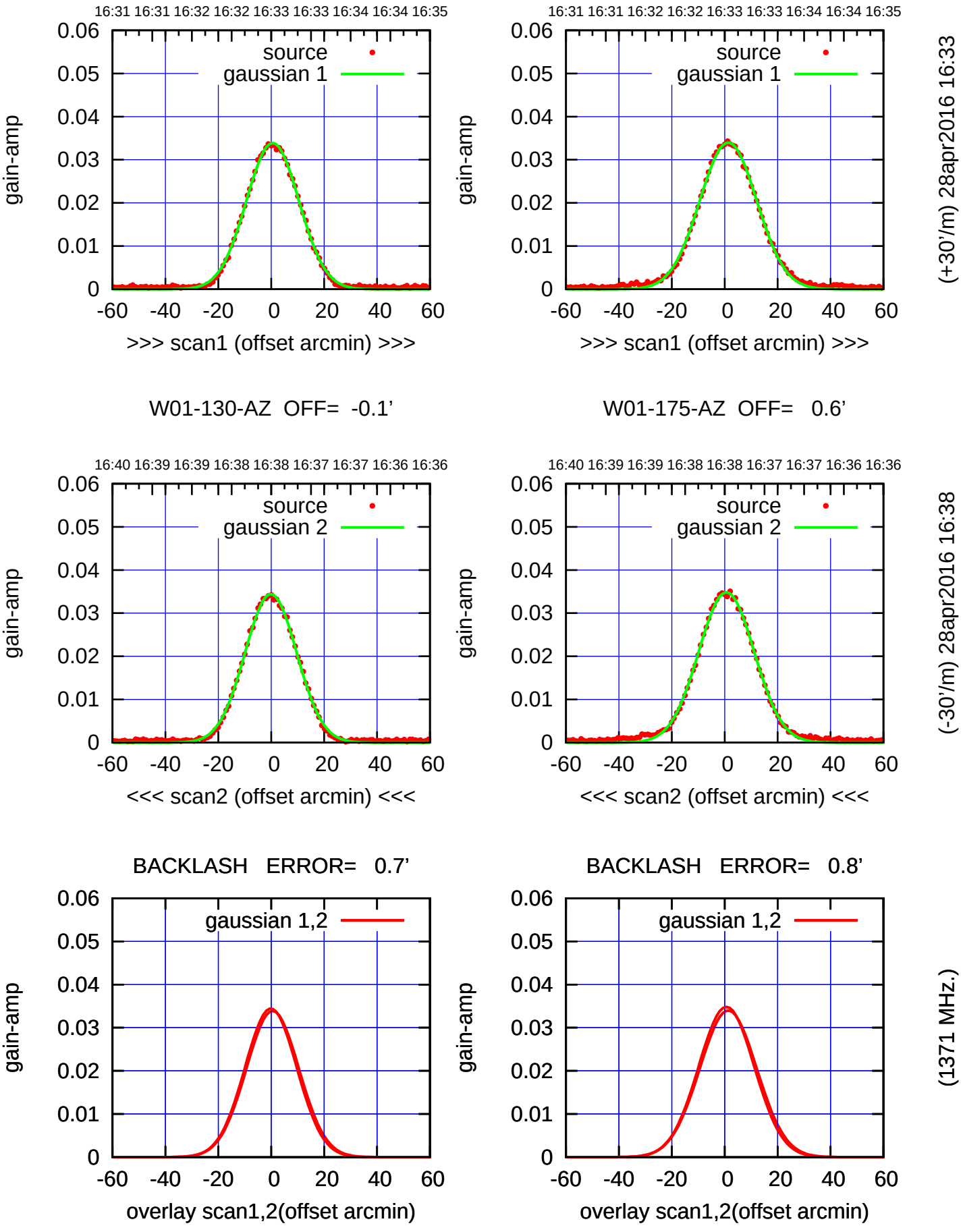
BACKLASH ERROR= 1.3’

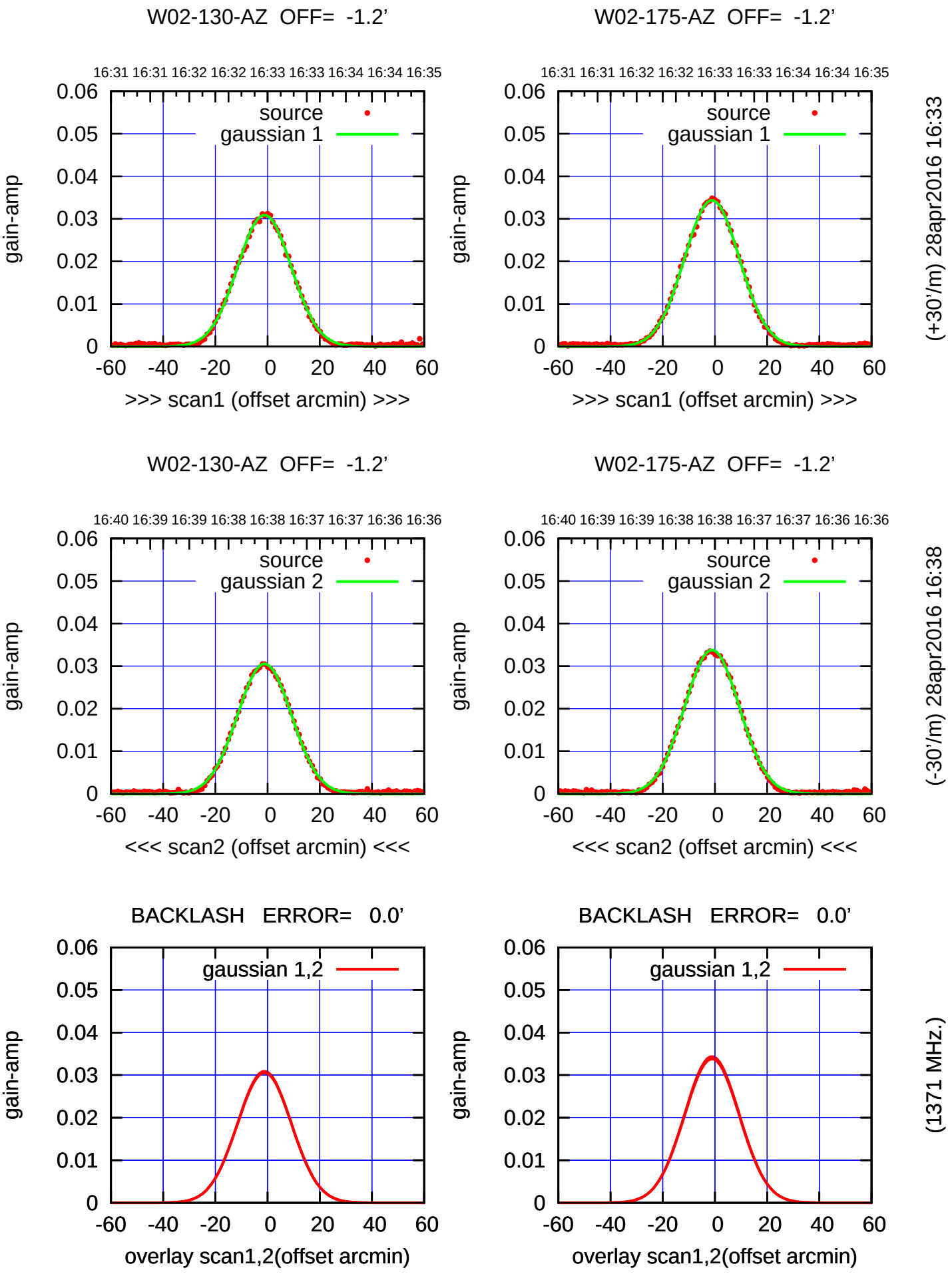


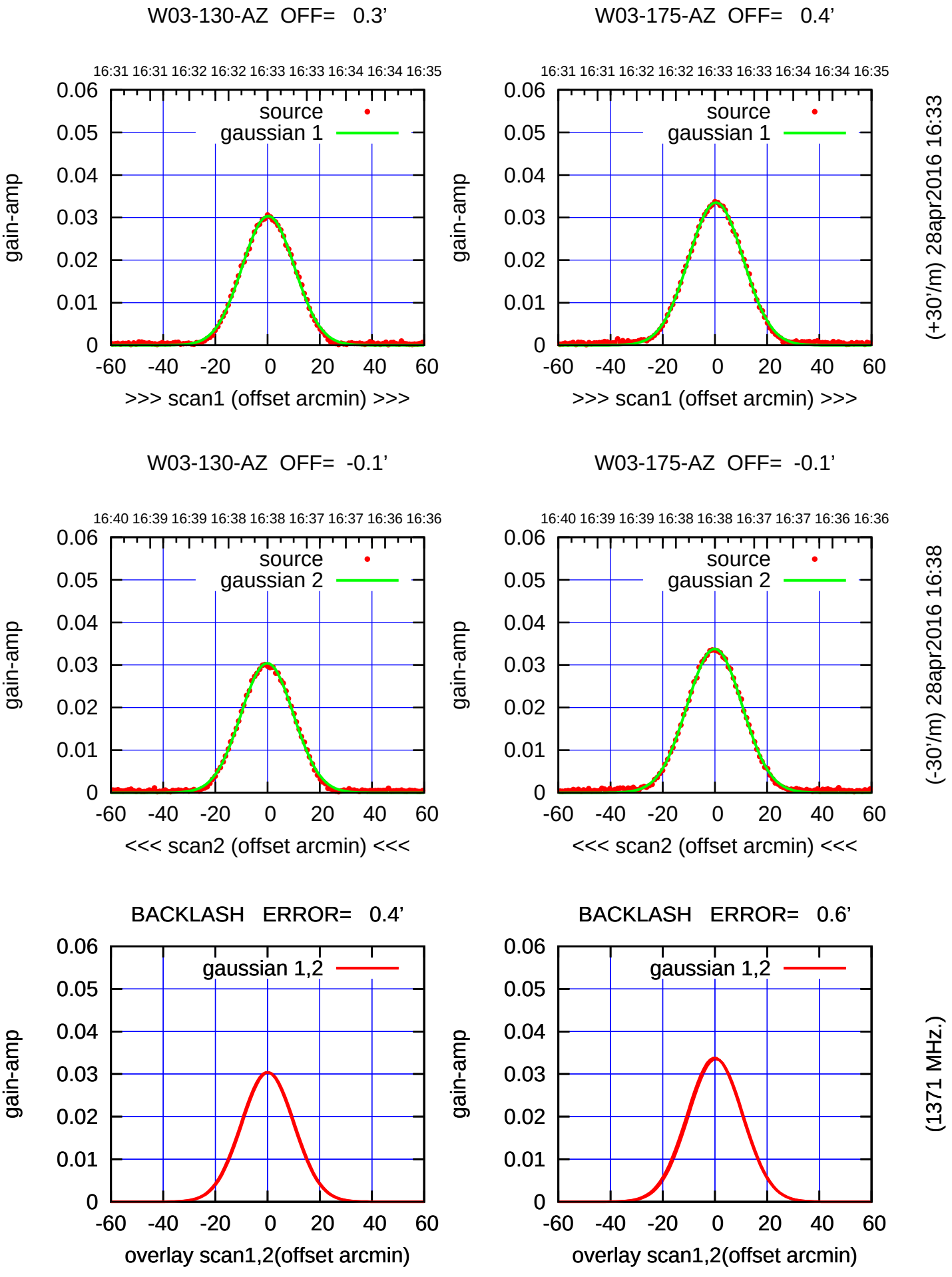
BACKLASH ERROR= 1.4’

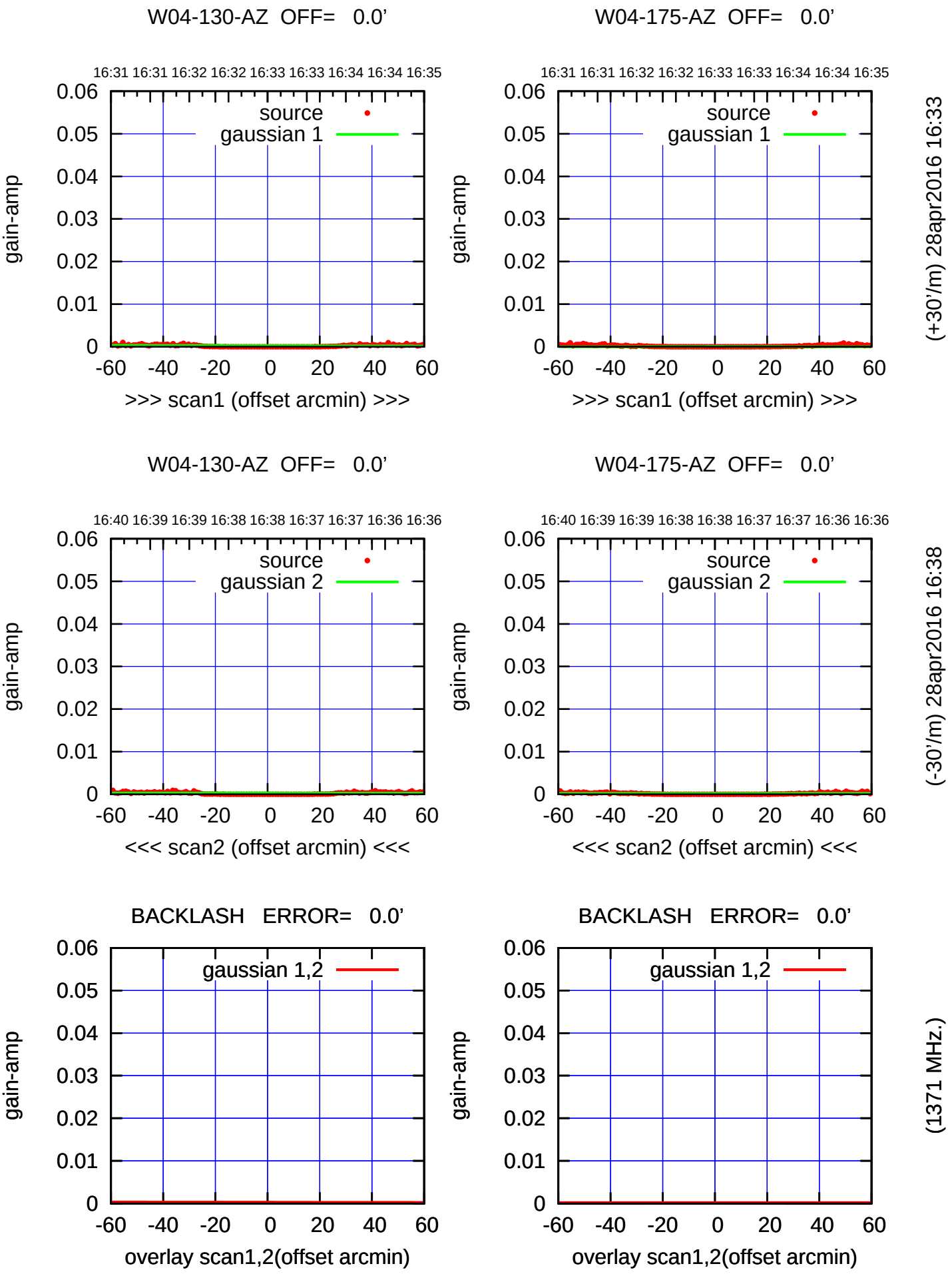


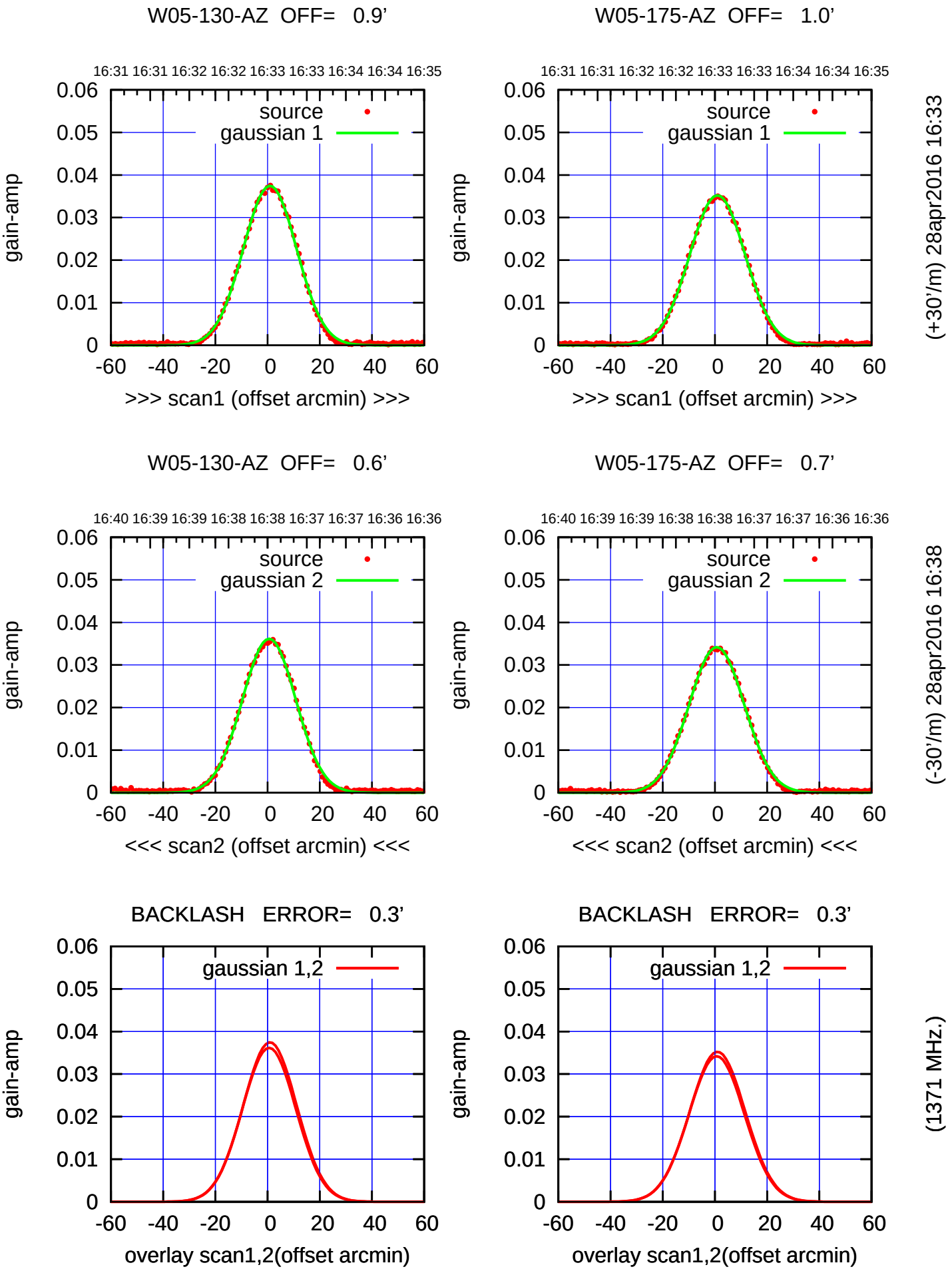
(1371 MHz.)

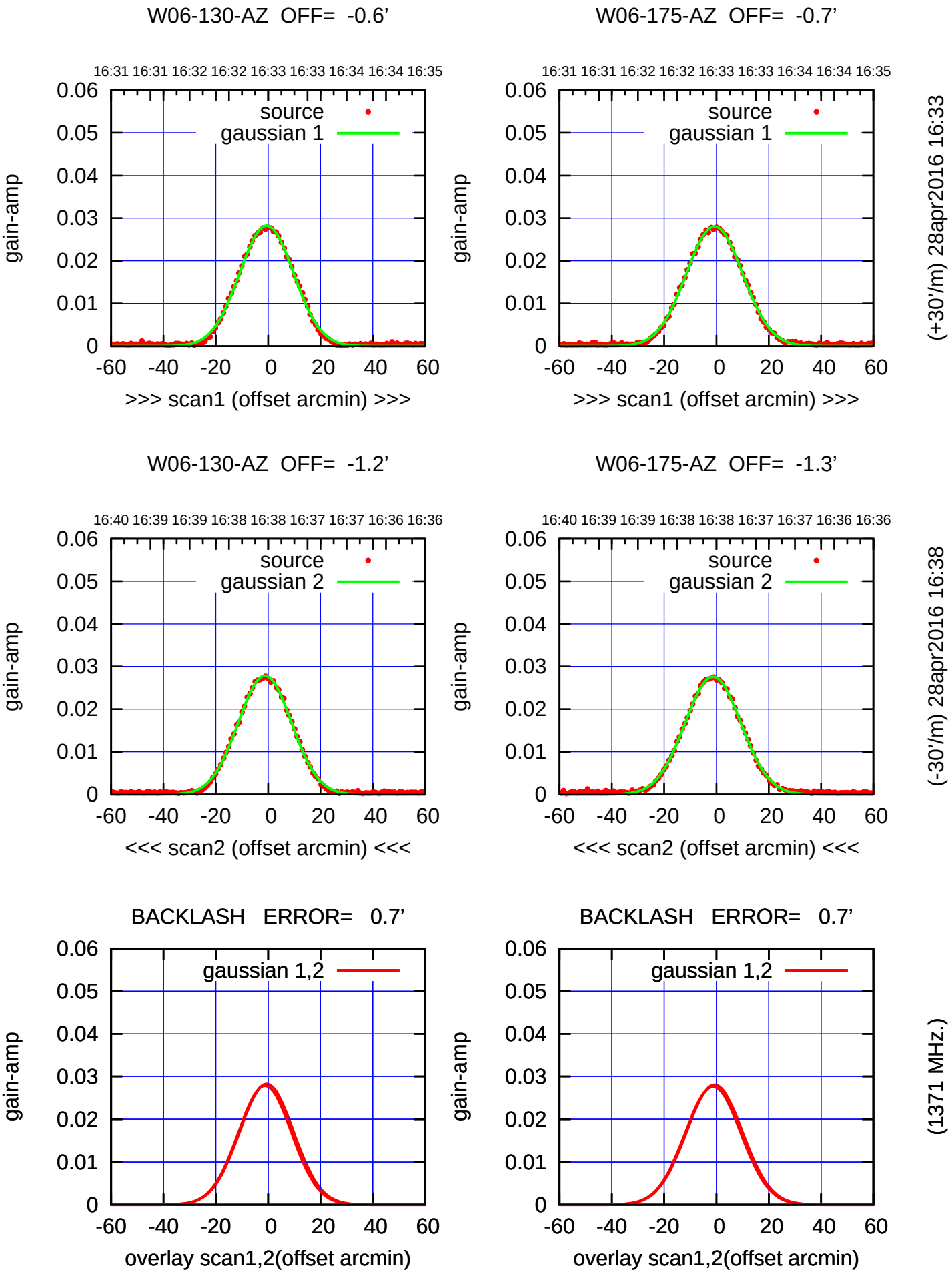

W01-130-AZ OFF= 0.5'
W01-175-AZ OFF= 1.3'
W01-130-AZ OFF= -0.1'
W01-175-AZ OFF= 0.6'
BACKLASH ERROR= 0.7'
BACKLASH ERROR= 0.8'
16:31 16:31 16:32 16:32 16:33 16:33 16:34 16:34 16:35
16:40 16:39 16:39 16:38 16:38 16:37 16:37 16:36 16:36
source
gaussian 1
gaussian 2
gaussian 1,2
gain-amp
0.06
0.05
0.04
0.03
0.02
0.01
0
-60 -40 -20 0 20 40 60
>>> scan1 (offset arcmin) >>>
<<< scan2 (offset arcmin) <<<
overlay scan1,2(offset arcmin)
(+30'/m) 28apr2016 16:33
(-30'/m) 28apr2016 16:38
(1371 MHz.)


W02-130-AZ OFF= -1.2'
16:31 16:31 16:32 16:32 16:33 16:33 16:34 16:34 16:35
source
gaussian 1
gain-amp
>>> scan1 (offset arcmin) >>>
W02-175-AZ OFF= -1.2'
16:31 16:31 16:32 16:32 16:33 16:33 16:34 16:34 16:35
source
gaussian 1
gain-amp
>>> scan1 (offset arcmin) >>>
(+30'/m) 28apr2016 16:33
W02-130-AZ OFF= -1.2'
16:40 16:39 16:39 16:38 16:38 16:37 16:37 16:36 16:36
source
gaussian 2
gain-amp
<<< scan2 (offset arcmin) <<<
W02-175-AZ OFF= -1.2'
16:40 16:39 16:39 16:38 16:38 16:37 16:37 16:36 16:36
source
gaussian 2
gain-amp
<<< scan2 (offset arcmin) <<<
(-30'/m) 28apr2016 16:38
BACKLASH ERROR= 0.0'
gaussian 1,2
gain-amp
overlay scan1,2(offset arcmin)
BACKLASH ERROR= 0.0'
gaussian 1,2
gain-amp
overlay scan1,2(offset arcmin)
(1371 MHz.)


W03-130-AZ OFF= 0.3'
W03-175-AZ OFF= 0.4'
W03-130-AZ OFF= -0.1'
W03-175-AZ OFF= -0.1'
BACKLASH ERROR= 0.4'
BACKLASH ERROR= 0.6'
16:31 16:31 16:32 16:32 16:33 16:33 16:34 16:34 16:35
16:40 16:39 16:39 16:38 16:38 16:37 16:37 16:36 16:36
source
gaussian 1
gaussian 2
gaussian 1,2
gain-amp
0.06
0.05
0.04
0.03
0.02
0.01
0
-60 -40 -20 0 20 40 60
>>> scan1 (offset arcmin) >>>
<<< scan2 (offset arcmin) <<<
overlay scan1,2(offset arcmin)
(+30'/m) 28apr2016 16:33
(-30'/m) 28apr2016 16:38
(1371 MHz.)


W04-130-AZ OFF= 0.0'
W04-175-AZ OFF= 0.0'
16:31 16:31 16:32 16:32 16:33 16:33 16:34 16:34 16:35
source
gaussian 1
gain-amp
0.06
0.05
0.04
0.03
0.02
0.01
0
-60 -40 -20 0 20 40 60
>>> scan1 (offset arcmin) >>>
(+30'/m) 28apr2016 16:33
W04-130-AZ OFF= 0.0'
W04-175-AZ OFF= 0.0'
16:40 16:39 16:39 16:38 16:38 16:37 16:37 16:36 16:36
source
gaussian 2
<<< scan2 (offset arcmin) <<<
(-30'/m) 28apr2016 16:38
BACKLASH ERROR= 0.0'
BACKLASH ERROR= 0.0'
gaussian 1,2
overlay scan1,2(offset arcmin)
(1371 MHz.)


W05-130-AZ OFF= 0.9'
16:31 16:31 16:32 16:32 16:33 16:33 16:34 16:34 16:35
source
gaussian 1
gain-amp
>>> scan1 (offset arcmin) >>>
W05-175-AZ OFF= 1.0'
16:31 16:31 16:32 16:32 16:33 16:33 16:34 16:34 16:35
source
gaussian 1
gain-amp
>>> scan1 (offset arcmin) >>>
(+30'/m) 28apr2016 16:33
W05-130-AZ OFF= 0.6'
16:40 16:39 16:39 16:38 16:38 16:37 16:37 16:36 16:36
source
gaussian 2
gain-amp
<<< scan2 (offset arcmin) <<<
W05-175-AZ OFF= 0.7'
16:40 16:39 16:39 16:38 16:38 16:37 16:37 16:36 16:36
source
gaussian 2
gain-amp
<<< scan2 (offset arcmin) <<<
(-30'/m) 28apr2016 16:38
BACKLASH ERROR= 0.3'
gaussian 1,2
gain-amp
overlay scan1,2(offset arcmin)
BACKLASH ERROR= 0.3'
gaussian 1,2
gain-amp
overlay scan1,2(offset arcmin)
(1371 MHz.)


W06-130-AZ OFF= -0.6'
16:31 16:31 16:32 16:32 16:33 16:33 16:34 16:34 16:35
source
gaussian 1
gain-amp
>>> scan1 (offset arcmin) >>>
W06-175-AZ OFF= -0.7'
16:31 16:31 16:32 16:32 16:33 16:33 16:34 16:34 16:35
source
gaussian 1
gain-amp
>>> scan1 (offset arcmin) >>>
(+30'/m) 28apr2016 16:33
W06-130-AZ OFF= -1.2'
16:40 16:39 16:39 16:38 16:38 16:37 16:37 16:36 16:36
source
gaussian 2
gain-amp
<<< scan2 (offset arcmin) <<<
W06-175-AZ OFF= -1.3'
16:40 16:39 16:39 16:38 16:38 16:37 16:37 16:36 16:36
source
gaussian 2
gain-amp
<<< scan2 (offset arcmin) <<<
(-30'/m) 28apr2016 16:38
BACKLASH ERROR= 0.7'
gaussian 1,2
gain-amp
overlay scan1,2(offset arcmin)
BACKLASH ERROR= 0.7'
gaussian 1,2
gain-amp
overlay scan1,2(offset arcmin)
(1371 MHz.)

```
# backlash test   : 28apr2016 16:33, 28apr2016 16:38
# lta file        : /gsbifrdata/28apr/sero_28apr2016.lta
# lta scan no(s)  : 4,5
# lta chan range  : [150,160]
# scan1 start time: 28Apr2016 16:31:00
# scan1 peak  time: 28apr2016 16:33
# scan1 end   time: 28Apr2016 16:35:00
# scan2 start time: 28Apr2016 16:36:00
# scan2 peak  time: 28apr2016 16:38
# scan2 end   time: 28Apr2016 16:40:00
# scan1 rate/speed: 30'/m
# scan2 rate/speed: -30'/m
# xrange posn     : [-60':60']
# yrange gain-amp : [0:0.06]
# frequeny (MHz)  : 1371
# axis            : AZ
# elevation(deg)  : 25.5
# antenna flag    : 1 - working, 0 - non working

C00-130-AZ OFF(scan1)=  -1.5   OFF(scan2)=  -2.2   ERROR=   0.8  FLAG= 1
C00-175-AZ OFF(scan1)=  -1.3   OFF(scan2)=  -2.0   ERROR=   0.8  FLAG= 1
C01-130-AZ OFF(scan1)=   0.0   OFF(scan2)=   0.0   ERROR=   0.0  FLAG= 0
C01-175-AZ OFF(scan1)=   0.0   OFF(scan2)=   0.0   ERROR=   0.0  FLAG= 0
C02-130-AZ OFF(scan1)=   1.2   OFF(scan2)=   0.7   ERROR=   0.6  FLAG= 1
C02-175-AZ OFF(scan1)=   1.6   OFF(scan2)=   1.2   ERROR=   0.4  FLAG= 1
C03-130-AZ OFF(scan1)=  -0.1   OFF(scan2)=  -1.1   ERROR=   1.1  FLAG= 1
C03-175-AZ OFF(scan1)=  -0.1   OFF(scan2)=  -1.0   ERROR=   1.0  FLAG= 1
C04-130-AZ OFF(scan1)=   5.6   OFF(scan2)=   5.2   ERROR=   0.4  FLAG= 1
C04-175-AZ OFF(scan1)=   5.8   OFF(scan2)=   5.4   ERROR=   0.4  FLAG= 1
C05-130-AZ OFF(scan1)=  -0.1   OFF(scan2)=  -0.7   ERROR=   0.7  FLAG= 1
C05-175-AZ OFF(scan1)=   0.3   OFF(scan2)=  -0.7   ERROR=   1.1  FLAG= 1
C06-130-AZ OFF(scan1)=  -2.8   OFF(scan2)=  -3.4   ERROR=   0.7  FLAG= 1
C06-175-AZ OFF(scan1)=  -2.5   OFF(scan2)=  -3.1   ERROR=   0.7  FLAG= 1
C08-130-AZ OFF(scan1)=   2.0   OFF(scan2)=   1.8   ERROR=   0.2  FLAG= 1
C08-175-AZ OFF(scan1)=   2.2   OFF(scan2)=   2.0   ERROR=   0.2  FLAG= 1
C09-130-AZ OFF(scan1)=  -0.1   OFF(scan2)=  -1.0   ERROR=   1.0  FLAG= 1
C09-175-AZ OFF(scan1)=  -0.2   OFF(scan2)=  -1.2   ERROR=   1.1  FLAG= 1
C10-130-AZ OFF(scan1)=  -1.9   OFF(scan2)=  -2.5   ERROR=   0.7  FLAG= 1
C10-175-AZ OFF(scan1)=  -1.6   OFF(scan2)=  -2.0   ERROR=   0.4  FLAG= 1
C11-130-AZ OFF(scan1)=   0.6   OFF(scan2)=   0.3   ERROR=   0.3  FLAG= 1
C11-175-AZ OFF(scan1)=   0.6   OFF(scan2)=   0.3   ERROR=   0.3  FLAG= 1
C12-130-AZ OFF(scan1)=   0.5   OFF(scan2)=  -0.5   ERROR=   1.1  FLAG= 1
C12-175-AZ OFF(scan1)=   0.4   OFF(scan2)=  -0.4   ERROR=   0.9  FLAG= 1
C13-130-AZ OFF(scan1)=   4.5   OFF(scan2)=   3.8   ERROR=   0.8  FLAG= 1
C13-175-AZ OFF(scan1)=   4.4   OFF(scan2)=   3.6   ERROR=   0.9  FLAG= 1
C14-130-AZ OFF(scan1)=   1.9   OFF(scan2)=   0.7   ERROR=   1.3  FLAG= 1
C14-175-AZ OFF(scan1)=   2.1   OFF(scan2)=   0.9   ERROR=   1.3  FLAG= 1
E02-130-AZ OFF(scan1)=   1.2   OFF(scan2)=   0.1   ERROR=   1.2  FLAG= 1
E02-175-AZ OFF(scan1)=   1.3   OFF(scan2)=   0.1   ERROR=   1.3  FLAG= 1
E03-130-AZ OFF(scan1)=   0.6   OFF(scan2)=  -0.1   ERROR=   0.8  FLAG= 1
E03-175-AZ OFF(scan1)=   0.8   OFF(scan2)=   0.3   ERROR=   0.6  FLAG= 1
E04-130-AZ OFF(scan1)=   2.3   OFF(scan2)=   1.6   ERROR=   0.8  FLAG= 1
E04-175-AZ OFF(scan1)=   2.0   OFF(scan2)=   1.3   ERROR=   0.8  FLAG= 1
E05-130-AZ OFF(scan1)=   2.4   OFF(scan2)=   1.6   ERROR=   0.9  FLAG= 1
E05-175-AZ OFF(scan1)=   2.5   OFF(scan2)=   1.7   ERROR=   0.9  FLAG= 1
E06-130-AZ OFF(scan1)=  -0.2   OFF(scan2)=  -0.6   ERROR=   0.4  FLAG= 1
E06-175-AZ OFF(scan1)=  -0.3   OFF(scan2)=  -0.5   ERROR=   0.2  FLAG= 1
S01-130-AZ OFF(scan1)=   0.0   OFF(scan2)=   0.0   ERROR=   0.0  FLAG= 0
S01-175-AZ OFF(scan1)=   0.0   OFF(scan2)=   0.0   ERROR=   0.0  FLAG= 0
S02-130-AZ OFF(scan1)=   0.8   OFF(scan2)=   0.2   ERROR=   0.7  FLAG= 1
S02-175-AZ OFF(scan1)=   0.9   OFF(scan2)=   0.4   ERROR=   0.6  FLAG= 1
S03-130-AZ OFF(scan1)=   0.4   OFF(scan2)=  -0.2   ERROR=   0.7  FLAG= 1
S03-175-AZ OFF(scan1)=   0.6   OFF(scan2)=  -0.1   ERROR=   0.8  FLAG= 1
S04-130-AZ OFF(scan1)=  -1.6   OFF(scan2)=  -2.4   ERROR=   0.9  FLAG= 1
S04-175-AZ OFF(scan1)=  -1.3   OFF(scan2)=  -2.3   ERROR=   1.1  FLAG= 1
S06-130-AZ OFF(scan1)=  -3.8   OFF(scan2)=  -5.0   ERROR=   1.3  FLAG= 1
S06-175-AZ OFF(scan1)=  -3.9   OFF(scan2)=  -5.2   ERROR=   1.4  FLAG= 1
```

```
W01-130-AZ OFF(scan1)=   0.5   OFF(scan2)=  -0.1   ERROR=   0.7  FLAG= 1
W01-175-AZ OFF(scan1)=   1.3   OFF(scan2)=   0.6   ERROR=   0.8  FLAG= 1
W02-130-AZ OFF(scan1)=  -1.2   OFF(scan2)=  -1.2   ERROR=   0.0  FLAG= 1
W02-175-AZ OFF(scan1)=  -1.2   OFF(scan2)=  -1.2   ERROR=   0.0  FLAG= 1
W03-130-AZ OFF(scan1)=   0.3   OFF(scan2)=  -0.1   ERROR=   0.4  FLAG= 1
W03-175-AZ OFF(scan1)=   0.4   OFF(scan2)=  -0.1   ERROR=   0.6  FLAG= 1
W04-130-AZ OFF(scan1)=   0.0   OFF(scan2)=   0.0   ERROR=   0.0  FLAG= 0
W04-175-AZ OFF(scan1)=   0.0   OFF(scan2)=   0.0   ERROR=   0.0  FLAG= 0
W05-130-AZ OFF(scan1)=   0.9   OFF(scan2)=   0.6   ERROR=   0.3  FLAG= 1
W05-175-AZ OFF(scan1)=   1.0   OFF(scan2)=   0.7   ERROR=   0.3  FLAG= 1
W06-130-AZ OFF(scan1)=  -0.6   OFF(scan2)=  -1.2   ERROR=   0.7  FLAG= 1
W06-175-AZ OFF(scan1)=  -0.7   OFF(scan2)=  -1.3   ERROR=   0.7  FLAG= 1
```