





1 = 100%





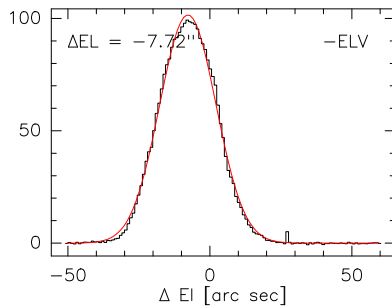
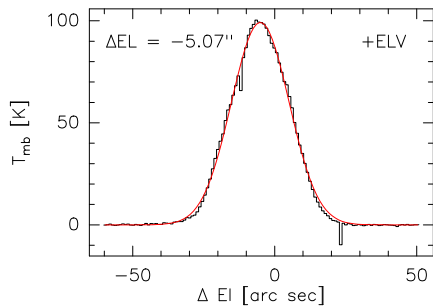
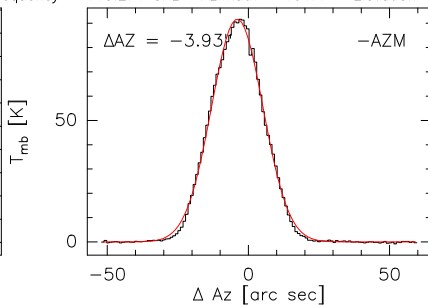
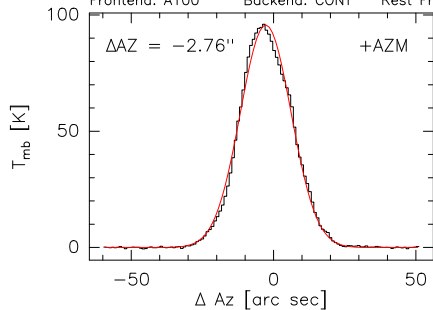




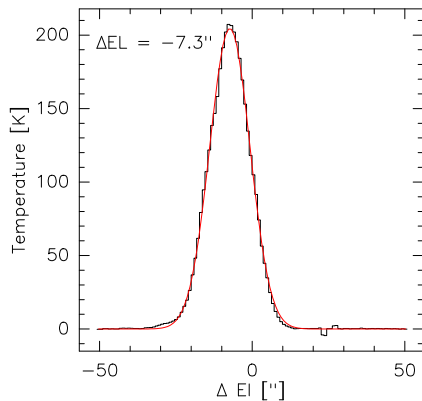
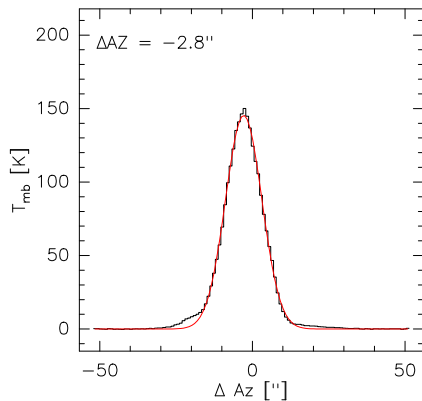
**Tip:** If you search with FIND in a large data archive, the search procedure becomes slow, since it has to open each individual fits file. Note that FIND is *not* a prerequisite for MIRA command SCAN (see below). You can also accelerate the search by using at least one of the options /BACKEND, /OBSERVED or /SCAN (SCAN will be fastest).



Source: Venus Scan: 6 Telescope: IRAM 30m Date: 2005-09-06  
Frontend: A100 Backend: CONT Rest Frequency = 115.271 GHz Azimuth = 191.4° Elevation = 42.6



Source: Venus      Scan: 6      Telescope: IRAM 30m      Date: 2005-09-06  
Frontend: B230      Backend: CONT      Rest Frequency = 230.538 GHz  
Azimuth = 191.4°      Elevation = 42.6°      new Az corr = -1.7"      new El corr = -5.1"



Source: K3-50A

Scan: 26

Telescope: IRAM 30m

Date: 2005-04-08

Frontend: A100

Backend: CONT

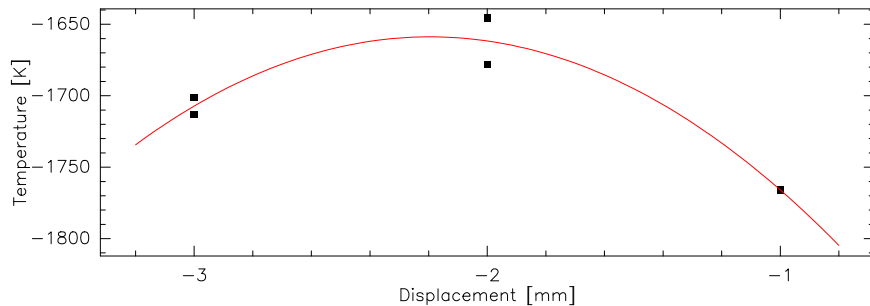
Azimuth =  $277.8^\circ$

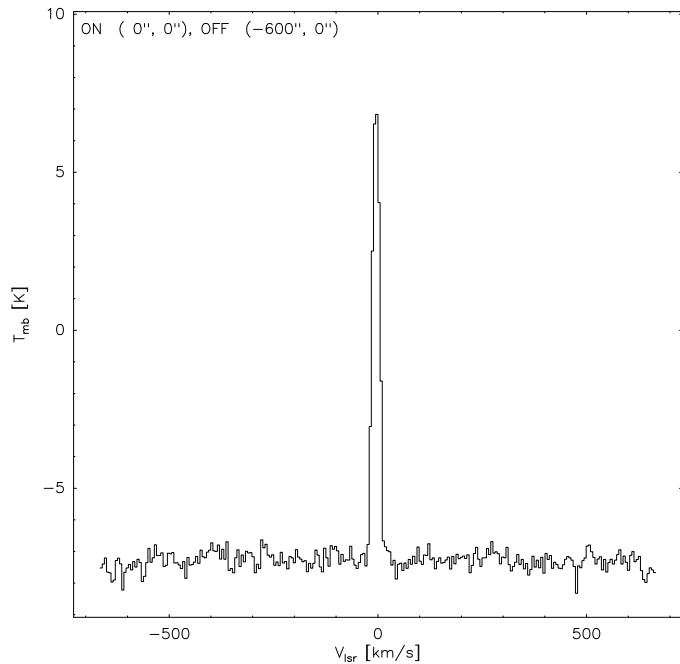
Elevation =  $54.3^\circ$

Current focus: sfcz = -2 mm

Focus offset:  $\Delta$  = -0.2 mm

New focus: sfcz = -2.2 mm





Source: IRC+10216

Scan : 13

Telescope: IRAM 30m

Frontend: A230

Backend: 4MHz

Line:  $12\text{CO}(2-1)$

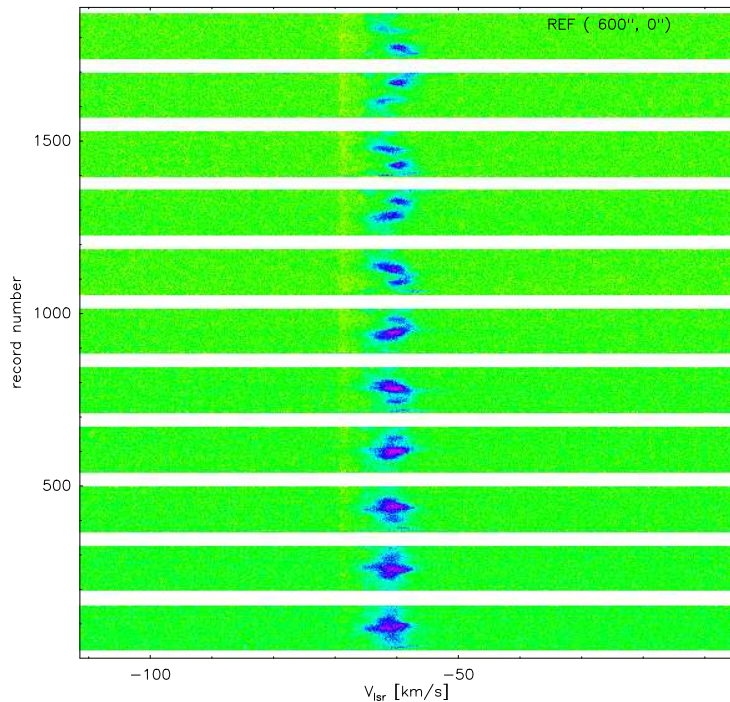
Procedure: onOff

Switch mode: totalPower

Calibration: Channel gains applied.  
Off subtracted.  
 $T_a^*$  scale applied.

Despiking: no

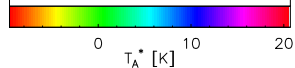
Baseline: no

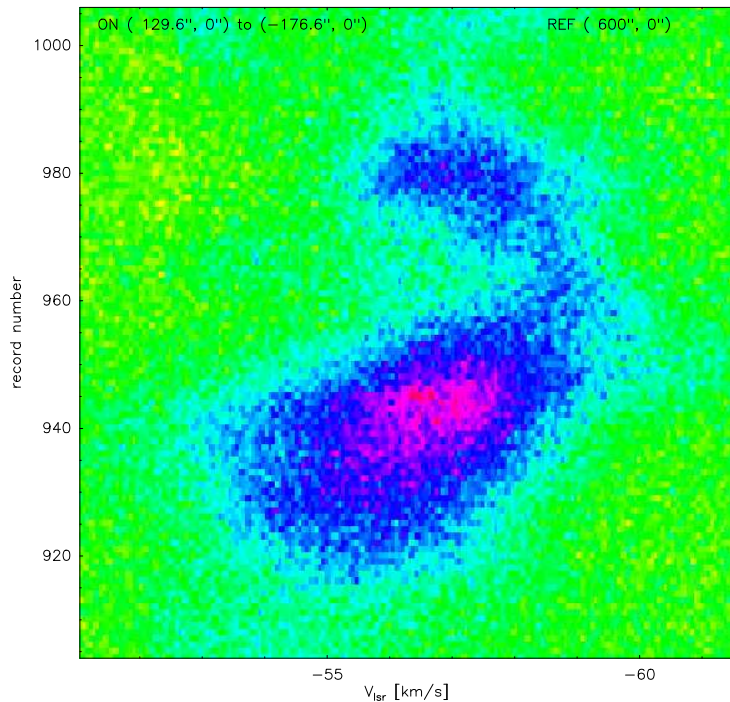


Source: NGC7538  
 $\alpha(2000)$  : 23<sup>h</sup> 13<sup>m</sup> 45<sup>s</sup>.4  
 $\delta(2000)$  : 61° 28' 10".31  
Date: 2005-11-12  
Scan : 107  
Telescope: IRAM 30m  
Frontend: B100  
Backend: VESPA/4  
Line: 13CO(1-0)  
Frequency: 110.201 GHz  
Procedure: onTheFlyMap  
Switch mode: totalPower

Calibration: Channel gains applied.  
 $T_a^*$  scale applied.  
Off subtracted.

Despiking: no  
Baseline: no

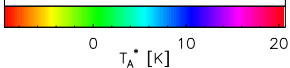


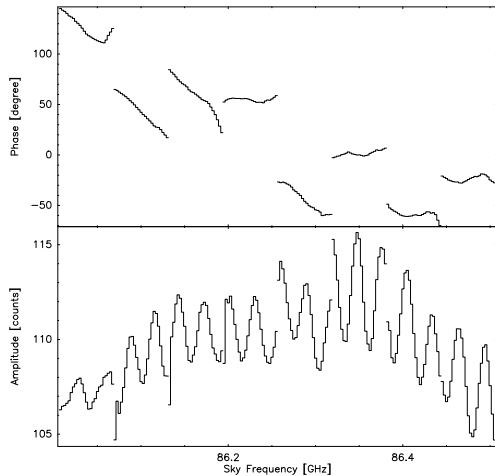


Source: NGC7538  
 $\alpha(2000)$  : 23<sup>h</sup> 13<sup>m</sup> 45<sup>s</sup>.4  
 $\delta(2000)$  : 61° 28' 10".31  
Date: 2005-11-12  
Scan : 107  
Telescope: IRAM 30m  
Frontend: B100  
Backend: VESPA/4  
Line: 13CO(1-0)  
Frequency: 110.201 GHz  
Procedure: onTheFlyMap  
Switch mode: totalPower

Calibration: Channel gains applied.  
 $T_a^*$  scale applied.  
Off subtracted.

Despiking: no  
Baseline: no





Source: 2200+420  
 $\alpha(2000)$  :  $22^{\text{h}} 2^{\text{m}} 43^{\text{s}}.3$   
 $\delta(2000)$  :  $42^{\circ} 16' 40''.7$   
Date: 2006-04-21  
Scan : 118  
Telescope: IRAM 30m  
Frontend: I100  
Backend: VESPA  
Line: SiO(V1)  
Frequency: 86.243 GHz  
Procedure: calibGrid  
Switch mode: totalPower

xpol amp. & phase



















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1992

100%









