





















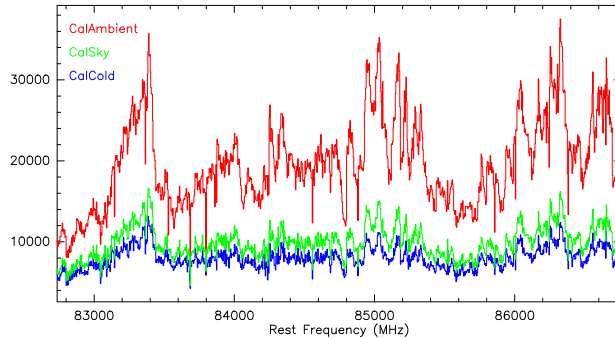




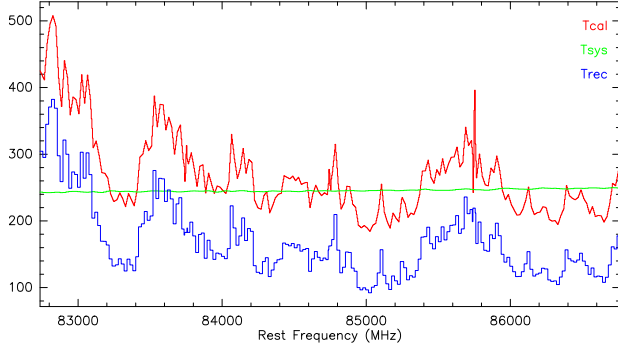




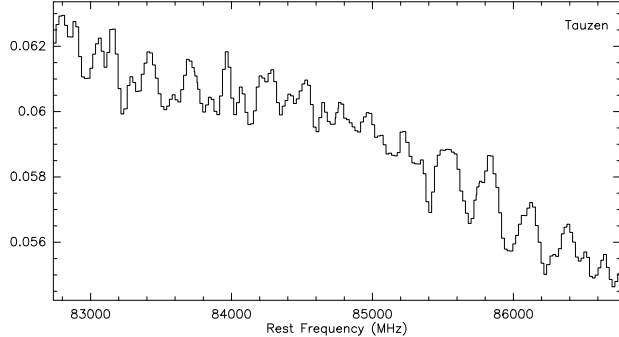
1;1 CALSKY NULL 30ME0HLI-4M1 0:30-SEP-2010 R:27-JUL-2016  
RA: 17:57:46.47 DEC: -23:51:50.7 Eq 2000.0 Rad. 0.0° Offs: -600.0 +0.0  
Unknown tau: 0.058 Tsys: 254. Time: 6.32E-02min El: 13.1  
N: 1006 I0: 441.500 V0: 0.000 Dv: -14.19 LSR  
F0: 84500.0000 Df: 4.000 Fi: 97000.7437  
Bef: 0.95 Fef: 0.95 Gim: 5.0119E-02  
H2O : 5.308 Pamb: 727.5 Tamb: 280.6 Tchop: 296.6 Tcold: 31.3  
Tatm: 61.4 Tau: 0.058 Tatm i: 63.3 Tau i: 0.059  
Scan: 200 Subscan: 1



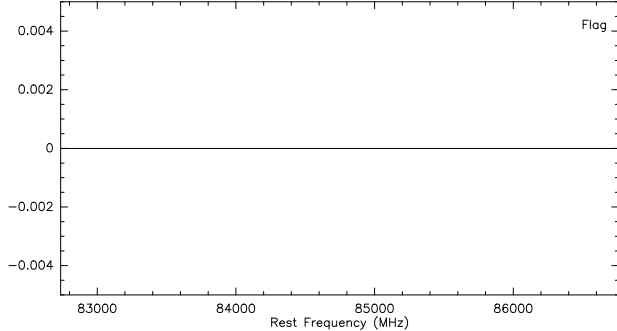


















$$W(i) = \frac{t \times |\delta f|}{(I_{sys}(i) \times e_{AT}(i))^2}$$



















1992



3;1 CONTROLD NULL 30ME0HLI-4M1 O:30-SEP-2010 R:27-JUL-2016  
RA: 17:57:46.47 DEC: -23:51:50.7 Eq 2000.0 Rad. 0.0° Offs: +0.0 +0.0  
Unknown tau: 0.058 Tsys: 330. Time: 0.99 min El: 13.0  
N: 1006 l0: 441.500 v0: 0.000 Dv: -14.19 LSR  
F0: 84500.0000 Df: 4.000 Fi: 97000.7442  
Scan: 201 Subscan: 2

