

# NRO 速報

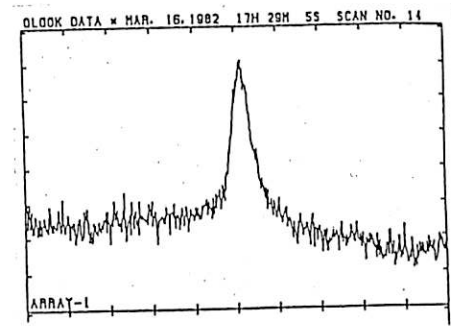
47  
NO. ~~46~~

1983年3月18日

干渉計用 10m アンテナ  
A号機  
115 GHz CO 試験観測  
(Ori-KL)  
3/16 雪中,  
干渉計棟 ↔ 45棟  
データ回線も問題なし。

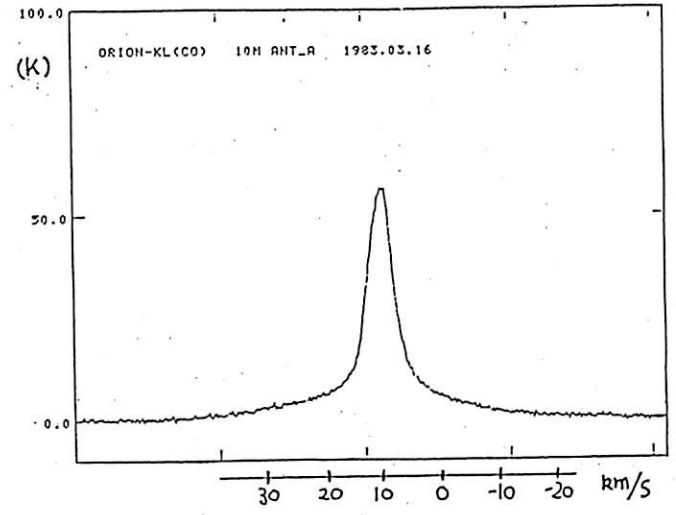
NRO  
10m  
ant\_A

$\tau = 60 \text{ sec}$



AOS high resolution

$\tau = 2.5 \text{ hr} \Rightarrow$



参考 →  
NRAO 11m  
at Kitt Peak  
(Ulich & Haas)

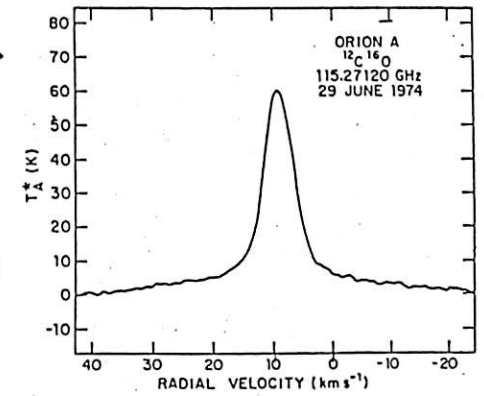


FIG. 2.—Spectrum of the  $J = 1-0$  transition of  $^{12}\text{C}^{16}\text{O}$  in Orion A. The abscissa is radial velocity with respect to the local standard of rest (LSR) calculated for a rest frequency of 115.27120 GHz. The ordinate is antenna temperature corrected for antenna and atmospheric losses.