

# The Ohio State University Radio Observatory

*Established 1951*

Operated by the  
Department of Electrical Engineering  
in cooperation with the  
Department of Astronomy

Observing site:  
Ohio State-Ohio Wesleyan Radio  
Observatory  
Box 293, Delaware, Ohio 43015

17 Feb 69

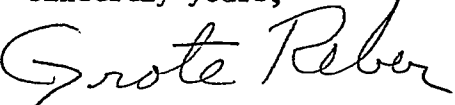
Dr. A. H. Bridle  
Physics Department  
Queen's University  
Kingston, Ontario

Dear Dr. Bridle:

Thank you for your reprint entitled "Observations of Radio Sources at 10.03 MHz". You are to be congratulated on detecting so many celestial objects at this frequency. I am particularly interested in your handling of ionospheric absorption. The condition of maximum brightness demonstrating zero absorption is same method I used to select best data. After obtaining some experience, absorption of a two percent (0.1 db) could easily be detected and allowed for. The first class, absorption free, traces are peculiarly uniform. They fall on top of each other as close as one can read, to the width of a trace.

I realize a "T" is not a particularly suitable antenna for measuring background intensity. However, if you have, or plan to publish on this subject I would appreciate a reprint.

Sincerely yours,

  
Grote Reber

GR