

Technical Page

Proposal Type: Regular
 General Category: Astronomy
 Sub-Category: Spectroscopy
 Observation Category: Galactic
 Total Time Requested: 109 Hours

Proposal Title: Spectral scan of Galactic star-forming regions TMC-1 and W 51 at low frequencies.

ABSTRACT:

We propose to conduct spectral scans of two star-forming regions, TMC-1 and W 51 within the frequency range 4 - 6 GHz. We expect to find new molecules and new molecular lines of already known molecules, which will help us to better understand chemical and physical processes in molecular clouds.

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I do NOT want to do remote observing.

Instrument Setup

C

Atmospheric Optical Instruments:

Special Equipment or setup: none

RFI Considerations

Frequency Ranges Planned

4000 - 6000