

Technical Page

Proposal Type: Regular
 General Category: Astronomy
 Sub-Category: Continuum
 Observation Category: Galactic
 Total Time Requested: 14.8 Hours

Proposal Title: TESTING TECHNIQUES AND OBSERVING MODES FOR GALFA 21-CM LINE MAPPING

ABSTRACT:

The purpose of this proposal is to explore the instrumental effects and develop techniques and observing modes to minimize their influence. We will investigate origins of baseline ripple by making zenith angle scans at night and day. We will investigate extended sidelobes of 3C273. We will compare two mapping techniques, the "basketweave" and the "typewriter".

Name	Institution	E-mail	Phone	Student
Carl Heiles	Astronomy Department, UC Berkeley	cheiles@astron.berkeley.edu	510 642 4510	no

Service Observing Request

Remote Observing Request

- None
- All of the observing run.
- Part of the observing run.
- Queue Observing

- No
- Maybe
- Yes

Instrument Setup

L-wide

Atmospheric Observation Instruments:

Special Equipment or setup: none

RFI Considerations

Frequency Ranges Planned