

Technical Page

Proposal Type: Regular
 General Category: Pulsars
 Observation Category: Galactic
 Total Time Requested: 7.25 Hours

Proposal Title: Deep Searches for Young Pulsars in "Shell" Supernova Remnants

ABSTRACT:

This is the conclusion, now that the ALFA receiver is available, of a project to observe most shell supernova remnants (SNRs) known at distances of less than 7 kpc, in order to search with great sensitivity for young pulsars that do not power observable pulsar wind nebulae. In this term, we request a final 7.25 hours of telescope time to survey two SNRs.

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Service Observing Request

Remote Observing Request

- | | |
|---|--|
| <input checked="" type="checkbox"/> None
<input type="checkbox"/> All of the observing run.
<input type="checkbox"/> Part of the observing run.
<input type="checkbox"/> Queue Observing | <input type="checkbox"/> No
<input checked="" type="checkbox"/> Maybe
<input type="checkbox"/> Yes |
|---|--|

Instrument Setup

ALFA

Atmospheric Observation Instruments:

Special Equipment or setup: none

RFI Considerations

Frequency Ranges Planned

1370-1470

This proposal requires coordination with Punta Salinas radar within the band 1222-1381 MHz..

This proposal requires coordination with GPS L3 at 1381 MHz.