

v276b

[Observers wiki](#)

Correlation notes

ATCA: reference station W104. Data in IFs 1-4. Evidently recording stopped from UT 14:10:40-14:33:00 (reason unknown)

Ceduna: Data in IFs 1-2 only. No known problems.

Hobart: Data in IFs 1-2 only. Variable weather reported (sometimes overcast, light rain, sometimes clear).

Mopra: Data in IFs 1-4. No known problems

Parkes: Data in IFs 1-4. Suffered a problem from 18 UT when three of the four receiver compressors mysteriously stopped, causing the receiver to warm up. The system temperature therefore degraded during the last 3 hours of the experiment.

Tid 70m: Data in IFs 1-2. Scheduled from approximately UT 17:46-20:28.

PI (Andreas Brunthaler) requests: 0.5 sec integrations, no cross-pols, 16 frequency channels per IF for continuum, 1024 channels for maser in 22208-22224MHz band.

Data conversion to UVFITS format using FITAB

Final converted output files:

v726b_cont.uvf - continuum pass

v276b_line.uvf[1-9] - spectral line pass, data in IF #2. File split into 9 pieces, can be read in with single FITLD.

Analysis notes and links to plots

Data verified by: Aquib

Date: September 07, 2009

[Brief Data Summary](#)

[Scan listing](#)

[Plots of autocorrelations](#)

Comments:

[Plots of uncalibrated amplitude and phase against frequency](#)

Comments:

[Plots of uncalibrated amplitude and phase against time](#)

Comments:

[Fringe-fit delay solutions](#)

Comments:

[Fringe-fit phase solutions](#)

Comments:

[Fringe-fit rate solutions](#)

Comments:

[Plots of Amplitude and phase against frequency with fringe-fitted solutions applied](#)

Comments:

[Plots of Amplitude and phase against time with fringe-fitted solutions applied](#)

Comments:

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Last update: **2009/09/07 04:52**

