

# v252k

[Observers wiki](#)

Tid recorded using DSS45 (07:41:09-15:10:00 UT) and DSS34 (18:28:18-19:56:03 UT)

## Correlation notes

~~Added extra station to .skd file (called 'Td') and added this to vex2model\_updated.pl as DSS45. (OLD)~~

O'Higgins had LO offset -80kHz (found at Bonn).

## Correlating with DiFX2.0 (beta)

DiFX2.0 is capable of handling the LO offset.

difx2fits handles different Tid stations (given different names as specified in .v2d file)

**NOTE:** Station positions were taken from .skd file (apart from ATCA and Tid) and some are not up to date. Ceduna has a significant position offset (couple of metres). This can be corrected by running task CLCOR in AIPS.

Some funnies reading resultant IDI FITS file into AIPS. Data from part 2 doesn't appear in plots etc?? Got around this by creating 2nd IDI FITS file from 2nd half. Read in first FITS with timerange specified, then second file. Resulting dataset looks OK.

**Final output file:** V252K.UVF

## Analysis notes

Data verified by: Aquib

[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](#)

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