

NASA/Cassini parallel recording at ATCA

DAS Setup

A fine tuner profile has been setup which user a type 2 8 MHz bandsplitter filter (2×8 MHz). A 0.5 MHz type 1 filter is then tunable within the 8 MHz. To center the 0.5 MHz filter within the 8 MHz filter the fine tuner NCO oscillator should be set to 4 MHz.

- If the tone is above the DAS central frequency choose the profile `cassini_0.5MHz_ft.pro`
- If the tone is below the DAS central frequency `cassini_0.5MHz_ft-lower.pro`

Recorder

cdisko currently does not support this mode of recording. Use (something like) the following command line `> vsib-record -o cassini -w 0.5 -c oxox -t 6h -mk5b -x`

Viewing

To see the signal “live”

```
> cd <directory/where/vsib_record/is/recording> > fauto -online -n 1024
```

From:

<http://www.atnf.csiro.au/vlbi/dokuwiki/> - **ATNF VLBI Wiki**

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