

v254b Setup:

| | |
|---------------------|--|
| Description | More astrometric calibrators |
| Antennas | At-Cd-Ho-Mp-Pa |
| Start | 36 04:00:00 |
| Stop | 37 03:58:50 |
| PI | Leonid Petrov |
| Channel 1 | IFP#1 - L0 8256 - 8272 MHz USB RCP |
| Channel 2 | IFP#1 - HI 8272 - 8288 MHz USB RCP |
| Channel 3 | IFP#2 - L0 8512 - 8528 MHz USB RCP |
| Channel 4 | IFP#2 - HI 8528 - 8544 MHz USB RCP |
| Skyfreq DAS1 | 8272.00 MHz |
| Skyfreq DAS2 | 8528.00 MHz |
| Bandwidth | 16 MHz |
| DAS Mode | vsop.pro (telescope) |

Ftp: <ftp://ftp.atnf.csiro.au/pub/people/vlbi/v254/v254b>

Comments:

Mopra, ATCA, (Parkes LBADR)

- Connect DAS to VSIC using “Huygens” Cable
- Both DAS are used, but only Rcp recorded
- Set Channel selection in cdisko to “Chans 1,2,5,6”
- DAS#2 should be configured to be the higher frequency and connected to input#2 (input with clock lines connected).

Ceduna, (Hobart LBADR)

- Connect DAS directly to VSIC
- Record RCP only. This setup will require splitting the RF signal and setting up two IF chains, one into each IFP of the DAS.

| | |
|----------------------|-------------|
| IFP#1 Skyfreq | 8272.00 RCP |
| IFP#2 Skyfreq | 8528.00 RCP |

Parkes and Hobart

- Record on Mark5
- Please check BCCc are tuned to record all frequencies in above table
- Record in parallel on LBADR system as above

Observing comments for each antenna:

[At](#) [Cd](#) [Ho](#) [Mp](#) [Pa](#)

Observing Logs

[Parkes onsource flagging](#)

[Mopra onsource flagging](#)

[Mopra Tsys \(plot\)](#)

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