

v558a

Description	VLBI astrometry on PSR J0437-4715
Antennas	A1-Mp-Pa-Cd-Ho-Wa-Km-T6-Hh-At
Start	73 00:00:00
Stop	73 11:00:00
PI	Jun Yang

Setup lba5cm-1gbps:

Station Modes	A1 Mp Pa At
Channel 1	DAS #1 IFP#1 6500 - 6564 MHz USB RCP
Channel 2	DAS #1 IFP#2 6500 - 6564 MHz USB LCP
Channel 3	DAS #2 IFP#1 6564 - 6628 MHz USB RCP
Channel 4	DAS #2 IFP#2 6564 - 6628 MHz USB LCP
DAS 1 Skyfreq	6532 MHz
DAS 2 Skyfreq	6596 MHz
Bandwidth	64 MHz
DAS Mode	64MHz_[nf].pro (telescope)
Station Modes	Cd Wa Km
Channel 1	6500 - 6516 MHz LSB RCP
Channel 2	6516 - 6532 MHz USB RCP
Channel 3	6500 - 6516 MHz LSB LCP
Channel 4	6516 - 6532 MHz USB LCP
Channel 5	6532 - 6548 MHz LSB RCP
Channel 6	6548 - 6564 MHz USB RCP
Channel 7	6532 - 6548 MHz LSB LCP
Channel 8	6548 - 6564 MHz USB LCP
Channel 9	6564 - 6580 MHz LSB RCP
Channel 10	6580 - 6596 MHz USB RCP
Channel 11	6564 - 6580 MHz LSB LCP
Channel 12	6580 - 6596 MHz USB LCP
Channel 13	6596 - 6612 MHz LSB RCP
Channel 14	6612 - 6628 MHz USB RCP
Channel 15	6596 - 6612 MHz LSB LCP
Channel 16	6612 - 6628 MHz USB LCP
Bandwidth	16 MHz
DAS Mode	Mark5
Station Modes	Ho
Channel 1	6500 - 6516 MHz LSB RCP
Channel 2	6516 - 6532 MHz USB RCP
Channel 3	6500 - 6516 MHz LSB LCP
Channel 4	6516 - 6532 MHz USB LCP
Channel 5	6532 - 6548 MHz LSB RCP
Channel 6	6548 - 6564 MHz USB RCP
Channel 7	6532 - 6548 MHz LSB LCP
Channel 8	6548 - 6564 MHz USB LCP

Channel 9	6564 - 6580 MHz LSB RCP
Channel 10	6580 - 6596 MHz USB RCP
Channel 11	6564 - 6580 MHz LSB LCP
Channel 12	6580 - 6596 MHz USB LCP
Channel 13	6596 - 6612 MHz LSB RCP
Channel 14	6612 - 6628 MHz USB RCP
Channel 15	6596 - 6612 MHz LSB LCP
Channel 16	6612 - 6628 MHz USB LCP
Bandwidth	16 MHz
DAS Mode	Mark5
Station Modes	T6 Hh
Channel 1	6500 - 6516 MHz LSB RCP
Channel 2	6516 - 6532 MHz USB RCP
Channel 3	6500 - 6516 MHz LSB LCP
Channel 4	6516 - 6532 MHz USB LCP
Channel 5	6532 - 6548 MHz LSB RCP
Channel 6	6548 - 6564 MHz USB RCP
Channel 7	6532 - 6548 MHz LSB LCP
Channel 8	6548 - 6564 MHz USB LCP
Channel 9	6564 - 6580 MHz LSB RCP
Channel 10	6580 - 6596 MHz USB RCP
Channel 11	6564 - 6580 MHz LSB LCP
Channel 12	6580 - 6596 MHz USB LCP
Channel 13	6596 - 6612 MHz LSB RCP
Channel 14	6612 - 6628 MHz USB RCP
Channel 15	6596 - 6612 MHz LSB LCP
Channel 16	6612 - 6628 MHz USB LCP
Bandwidth	16 MHz
DAS Mode	Mark5

Ftp: <ftp://ftp.atnf.csiro.au/pub/people/vlbi/v558/v558a>

Comments:

Note the use of a dummy antenna A1 (aka AT_W104) in this schedule. This is done to facilitate ATCA being its own subarray while doing phasing scans without affecting other antennas. Station 'AT' should be used to drive the telescope, while station 'AT_W104' should be used to drive the correlator.

Observing comments for each antenna:

A1	Mp	Pa	Cd	Ho	Wa	Km	T6	Hh	At
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Observing Logs

[ATCA antenna summary](#)
[Parkes onsource flagging](#)
[ATCA onsource flagging](#)
[Mopra onsource flagging](#)
[Mopra Tsys \(plot\)](#)
[Parkes Tsys](#)

Weather

[ATCA Weather](#)
[Mopra Weather](#)
[Parkes Weather](#)

Monica log information

[Mopra Tsys](#)
[Parkes Tsys](#)
[ATCA Tsys](#)
[ATNF Clock Offsets](#)

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