

v558b

Description	VLBI astrometry on PSR J0437-4715
Antennas	A1-Mp-Pa-Cd-Ho-Wa-Km-T6-Hh-At
Start	198 16:00:00
Stop	199 04:00:00
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/v558b>

Comments:

note1 = 'ATCA/AT is a single-station in subarray #2 to cycle its digital beam.'

note2 = 'The other alias of AT_W104/A1 ONLY aims to make some plots and run the correlation.'

subarraying of ATCA is done in this way to facilitate phasing up the array without the necessity to move all the other telescopes to the phasing source.

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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