

vt06a2 Setup:

Antennas	At-Mp-Pa-Ho
Start	308 12:00:00
Stop	308 18:00:00
PI	Adam Deller
Channel 1	1384 - 1400 MHz DAS1 USB RCP
Channel 2	1400 - 1416 MHz DAS1 USB RCP
Channel 3	1384 - 1400 MHz DAS1 USB LCP
Channel 4	1400 - 1416 MHz DAS1 USB LCP
Channel 5	1416 - 1432 MHz DAS2 USB RCP
Channel 6	1432 - 1448 MHz DAS2 USB RCP
Channel 7	1416 - 1432 MHz DAS2 USB LCP
Channel 8	1432 - 1448 MHz DAS2 USB LCP
Bandwidth	16 MHz
Recorder	Disk
DAS Mode	vsop.pro

Ftp: <ftp://ftp.atnf.csiro.au/pub/people/vlbi/vt06/vt06a2>

Comments:

Connect DAS(s) directly to VSIC

ATCA, Mopra and Parkes will use Huygens cable (512 Mbps) - header with clock pins plugged into DAS1. Hobart will record only channels 1-4 (256 Mbps)

ATCA and Mopra schedules are available on the machines at the telescopes. Parkes schedule available at <ftp://ftp.atnf.csiro.au/pub/people/vlbi/vt06a/vt06a2/>. Hobart using vex file, also available at <ftp://ftp.atnf.csiro.au/pub/people/vlbi/vt06a/vt06a2/>

Parkes: Form circular polarisations from linears using hardware hybrid

Pks, ATCA, Mopra: the 1.4 TB generated by this experiment will not fit on a single xraid partition, so TWO vsib_record commands are required. The first 1.5 hours will be recorded to the first Xraid partition (same partition as vt06a1, eg /data/xraid0/vt06a2/), the final 4.5 hours to the second Xraid partition (eg /data/xraid1/vt06a2/). The commands will be:

```
vsib_record -t 90m -s 2005-11-04T12:00:00 -m 2 -o vt06a2_<antenna>, where <antenna> = At,Mp,Pk
```

Then, when this finishes at 13:30:00, cd ../../xraid1/vt06a2/ and:

```
vsib_record -t 269m -s 2005-11-04T13:31:00 -m 2 -o vt06a2_<antenna>, where <antenna> = At,Mp,Pk (60 seconds gap to allow change of directory. If any observatories miss the start, please ensure that the data is still being recorded on a 10 second boundary for ease of correlation)
```

Hobart: record to the 4×400 internal drives (vt06a2/)

vsib_record -t 6h -s 2005-11-04T12:00:00 -o vt06a2_Ho

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