

V184a Setup:

Description	Highly polarised water maser in Orion-KL
Antennas	Pa-At-Mp-Ho-Cd
Start	136 01:00:00
Stop	136 11:00:03
PI	Shinji Horiuchi
Channel 1	IFP#1 22.2 GHz USB RCP
Channel 2	IFP#2 22.2 GHz USB LCP
Skyfreq	22228, 22232, 22237 & 22238 MHz
Bandwidth	4 MHz
Recorder	Disk
DAS Mode	at4s.pro (telescope)

Ftp: <ftp://ftp.atnf.csiro.au/pub/people/vlbi/v184/v184a>

Comments:

This is frequency switched experiment. You will need to change frequency numerous times during the observation.

Connect DAS directly to VSIC.

This is a disk based experiment. Do NOT delete the data after recording!!!!

Use record mode "Channel 1,3" in disko and set bandwidth to 4 MHz

Record on disk specified in observing comments

Observing comments for each antenna:

Pa	At	Mp	Ho	Cd
----	----	----	----	----

This data was poorly observed and poorly correlated. After a great amount of work I have decided it is not worth continuing on.

4 Freq configs. Correlated as 4 IFs (of which 3 are empty) of 22GHz.

ATL0D failed for large files. Found some bugs. Fixed set MAXCIF=1025*4*4 & NBLK has an integer over-run

The file CL tables need deleting and remaking

The target list: source = 'KL-B' (v complex! 4MHz filled) CAT calibrator 1 or 2 detection ~0nsec

source = 'KL-HM' ; (*detection no calibrator* source = '07207-1435' ; (weak) source = 'KL-HP' ; *no detection*) CAT one calibrator detection ~200nsec source = 'MonR2' ; Not obs source = 'R-CRT' ; *Not obs* source = 'NGC6334N' ; (strong) only calibrator Pks-Mop

From:

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

Permanent link:

<http://www.atnf.csiro.au/vlbi/dokuwiki/doku.php/lbaops/lbamay2006/v184a>

Last update: **2015/12/18 16:38**

