

vt11r Setup:

Description	100hr test on 26 March, C-band
Antennas	Mp-Ho-Sh
Start	85 04:00:00
Stop	85 08:30:00
PI	Zsolt Paragi
Channel 1	DAS #1 IFP#1-L0 4940 - 4956 MHz LSB RCP
Channel 2	DAS #1 IFP#1-HI 4956 - 4972 MHz USB RCP
Channel 3	DAS #1 IFP#2-L0 4940 - 4956 MHz LSB LCP
Channel 4	DAS #1 IFP#2-HI 4956 - 4972 MHz USB LCP
Channel 5	DAS #2 IFP#1-L0 4972 - 4988 MHz LSB RCP
Channel 6	DAS #2 IFP#1-HI 4988 - 5004 MHz USB RCP
Channel 7	DAS #2 IFP#2-L0 4972 - 4988 MHz LSB LCP
Channel 8	DAS #2 IFP#2-HI 4988 - 5004 MHz USB LCP
DAS 1 Skyfreq	4956.00 MHz
DAS 2 Skyfreq	4988.00 MHz
Bandwidth	16 MHz
DAS Mode	mp16x2_f.pro (telescope)

Ftp: <ftp://ftp.atnf.csiro.au/pub/people/vlbi/vt11/vt11r>

Comments:

First part of test is local eVLBI Mopra-Hobart to test local setups.

The main part of the test is an evlbi experiment to JIVE. JIVE will control the recorder remotely. A mark5 emulator is needed for this to work. This is simply run (on the LBADR recorders) as:

```
> mk5emu.pl
```

This can be started well before the beginning of run and does not have to be stopped at the end - though it would be advisable to stop before the recorder is used for anything else.

mk5emu.pl has the setup hardcoded. It will need to be modified if the setup changes. Specifically the following lines will be set:

Mopra

```
my $chans = 'xxxx'; my $bandwidth = 16; my $vsib_mode = 2;
```

Hobart

my \$chans = 'oxox'; my \$bandwidth = 16; my \$vsib_mode = 3;

Observing comments for each antenna:

[Mp](#) [Ho](#) [Sh](#)

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Observing Logs

[Mopra onsource flagging](#)

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

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