

Fringe Finding Troubleshooter

If you fail to find fringes to your telescope check the following:

- DAS mode is correct
 - Don't forget to press "Config Hwr" button
 - Correct flipped or non-flipped profile selected
 - Has the DAS profile accidentally been overwritten?
- PC clock is correct
 - Check with `/usr/bin/ntpdate -q MACHINE`

MACHINE is pool.ntp.org for utas or pkvsi1-ext for atnf

- Antenna pointing at correct location
 - Antenna on source at time of fringe check
 - At Parkes atsnap has to be run *after* changing receiver
- Polarisation is correct
- Maser-GPS offset is as expected
- Frequency correct
 - Coherence OK
 - Can detect test tone in expected place with fauto
- Disk recorder is recording OK
 - Correct channels selected in disko
 - Sampler stats (shown in cdisco) look OK
 - fauto give sensible results
 - bigbuffer has not overflowed (restart recorder)

From:

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

Permanent link:

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

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