

NB Ceduna appears to have variable gain throughout this experiment. This problem appears to be in the receiver itself but was not discovered until toward the end of the LBA session. The problem appears as a sudden drop in the apparent Tsys and affects both channels.

UT 09:00 - No network connection to Ceduna UT 09:32 - Network connection re-established

Recording to ATNF_V008B

Skype exchange:

[20/09/2014 7:46:11 pm] Jamie Stevens: Hobart, looking at the fringe plots I'd say we are actually getting fringes in your high frequency band, just much weaker than the low frequency band

[20/09/2014 7:46:35 pm] Jamie Stevens: If I recall correctly, an SMY freq of 206 MHz is lower than recommended

[20/09/2014 7:47:06 pm] Jamie Stevens: try increasing the SMY output level if you can't change its frequency

Following this, Yuri increased the output of 2LO to 10dB. Jamie was also concerned about the lower freq. setup for Cd as well.

From:

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

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