

Mopra 12mm setup at 22316 MHz. Circular polarisation setup via a C-band IF hybrid was done on Mon 4/2/08. A small LCP helix was used to inject a test-tone and adjust the hybrid to give RCP & LCP.

Relevant settings:

- mm RF (module F14) attenuations MUST stay fixed at 13,11 dB (for the 2 IFs). The conversion racks attenuators were set to: coarse 0000 ; fine 5445 but these may be adjusted.
- C-band Hybrid setup values on rotary pots. Initial values == Atten=17.17; Phase=26.68. This gave a nominal 17 db isolation but the Tsys was assymmetric (120K ; 80K). The phase was readjusted to equalise the Tsys (~100K on both) but the nominal separation fell to ~11dB. ** Final values:: Atten=17.17; Phase=25.90\

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