

Agilent at 6.2 GHz, 16 dB. LOs at 702 MHz, 7 dB. Coherence confirmed with tone of 819.5 MHz from previous experiment

Recording to CURTV005A

tsys1 and tsys2 appear to have been fluctuating throughout the experiment. Both are in the range of 15000 to 20000. Will run a cal at the end of LBA to determine systemp. See V471bCdLog for more information. Results from Bruce scans (courtesy of Jamie MacCallum) below:

Results after LBA run: SEFD @ 1650 is ~1200 Jy for both polarisations

SEFD @ 1370 is ~1500/1450 Jy for RCP/LCP

CALs are 36/42 Jy at 1650 (RCP/LCP)

CALs are 442/267 Jy at 1370 (RCP/LCP)

1370 scans were remarkably interference free.

1650 suffered intermittent RFI, sometimes enough to swamp Virgo. Peak amplitude of RFI pulses was ~2000 Jy

RFI sometimes showed time/spatial structure (appeared as regular variations during a scan but it's not clear whether it's pulsed in time or if it's something being scanned into sidelobes or the like.

All flux density calibrations performed using Virgo.

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