

Recording to CURT V001A, /data/xraid1 on cavsi2

Using profile vsop\_n.pro

Ants 1,2,4,5 in the tied array. CA03 is still out for 4cm receiver installation. Reference is CA04 at W104.

The ATCA schedule has been altered to include automatic phase cal commands on scans that were identified by the PI as being suitable. The alteration was done manually for this test. The slew time was calculated by the scheduler, and rounded up to the nearest 10 second cycle, then a further 8 cycles are waited before the pcal command is issued. For example, on scan 5, slewing to 0208-512 should take 1m10s, or 7 cycles. The pcal command will be given after 15 cycles.

The scans with automatic pcals are 5, 22, 26, 30, 32, 33, 34, 36, 37, 38, 41, 43, 45, 47, 51, 56, 61, 66, 70, 74, 77, 78, 80, 81, 85, 87, 91, 129, 132, 137, 142. These are every occurrence of the sources 0208-512, 1104-445, 1424-418, 1714-336, 1759-396.

The observations were quite badly affected by high opacity caused by rain starting at about 03:00. The array was storm stowed at 04:10.

The array got back on source 1915-458 on scan 42 at 04:52.

Storm stowed again at 05:36. Returned to source 1322-428 at 06:16.

Wind stowed at 07:54. Returned to source 1549-790 at 08:42:10.

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