

v255ac

[Observers Wiki](#)

Correlation notes

Output files:

Pass	File name	Description	Start date, UT range	Antennas	Polarizations	# subbands (AIPS IFs)	Bandwidth per IF (MHz)	Spectral channels per IF/pol	Corr. int. time (s)
v255ac-cont	V255AC.CONT.1.FITS, V255AC.CONT.2.FITS, V255AC.CONT.3.FITS	Continuum pass, all sources	2017-03-17, 0/20:30:01 - 1/19:59:59	AT CD HH HO MP PA	RR LL RL LR	4	16.0 MHz	32	2.0
v255ac-lp0	V255AC.LINE.P0.1.FITS, V255AC.LINE.P0.2.FITS, V255AC.LINE.P0.3.FITS	Line pass, first phase centre	2017-03-17, 0/20:30:01 - 1/19:59:57	AT CD HH HO MP PA	RR LL RL LR	1	5.0 MHz	5120	2.048
v255ac-lp1	V255AC.LINE.P1.1.FITS, V255AC.LINE.P1.2.FITS	Line pass, second phase centre	2017-03-17, 0/21:31:30 - 1/17:45:28	AT CD HH HO MP PA	RR LL RL LR	1	5.0 MHz	5120	2.048

ATCA: Clock jump at 2017y077d02h10m00s results in a discontinuity in the correlator model at that time. CABB block 27 went offline from 20:25 to 20:45 and from 16:37 to 17:11 which was expected to corrupt data in subbands 3-4, but the pipeline analysis indicates those data are fine.

Ceduna: VNC issues, data lost from 11:45 to 12:37.

Mopra: Many windstows - see the offsource flag file.

Hobart and Ceduna: significantly lower sensitivity in subbands 1 and 2 (~6300 MHz) than in subbands 3 and 4 (~6660 MHz).

Analysis notes: v255ac-cont

[Brief Data Summary](#)

[Scan listing](#)

[Plots of autocorrelations](#)

Comments:

[Plots of uncalibrated amplitude and phase against frequency](#)

Comments:

[Plots of uncalibrated amplitude and phase against time](#)

Comments:

[Plots of cross-polarization amplitude and phase against frequency](#) (not always available)

Comments:

[Amplitude corrections from ACCOR](#)

Comments:

[Fringe-fit delay solutions](#)

Comments:

[Fringe-fit phase solutions](#)

Comments:

[Fringe-fit rate solutions](#)

Comments:

[Fringe-fit SNR](#)

Comments:

[Plots of Amplitude and phase against frequency with fringe-fit solutions applied](#)

Comments:

[Plots of Amplitude and phase against time with fringe-fit solutions applied](#)

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Analysis notes: v255ac-lp0

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[Fringe-fit SNR](#)

Comments:

Plots of Amplitude and phase against frequency with fringe-fit solutions applied

Comments:

Plots of Amplitude and phase against time with fringe-fit solutions applied

Comments:

Analysis notes: v255ac-lp1

[Brief Data Summary](#)

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Comments:

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