

# v541a

[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)
v541a	V541A.FITS.1, V541A.FITS.2		2015-11-16, 0/23:30:03 - 1/11:59:58	AK AT CD HO PA	RR LL RL LR	2	16.0 MHz	32	2.0

AT: A 5 microsecond clock jump occurred at 2015y321d01h54m00s. This has been compensated for in the correlator model, but a clock discontinuity is inevitable at that time. Due to a partial failure of the raid used for recording, approximately 35% of the ATCA data have been lost (randomly distributed throughout the experiment).

AK: A variable residual rate indicates that the position for Ak is poorly known. The quality of phase referencing to this antenna is likely to be significantly degraded.

All: Polarization purity is poor across the array.

## Analysis notes: v541a

[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](#)

**Comments:**

From:

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

Permanent link:

<https://www.atnf.csiro.au/vlbi/dokuwiki/doku.php/correlator/records/v541a>

Last update: **2016/05/02 15:38**

