

# v486b

[Observers Wiki](#)

## Correlation notes

### Output files:

Pass	File name	Description	Start date, UT range	Polarizations	# subbands (AIPS IFs)	Bandwidth per IF (MHz)	Spectral channels per IF/pol	Corr. int. time (s)
v486b1-new	V486B1.FITS	Unbinned pass, correct setup for Mark5 stations	2013-08-15, 0/22:00:01 - 1/14:59:59	RR LL RL LR	8	8.0 MHz	16	2.0
v486b1-new-p1 (not pipelined)	V486B1.P1.FITS	Unbinned pass, 2nd phase centre, correct setup for Mark5 stations	2013-08-15, 0/22:00:01 - 1/14:59:59	RR LL RL LR	8	8.0 MHz	16	2.0
v486b1	V486B1.UNGATED.FITS	Unbinned pass, DAS1 (Incorrect setup for Mark5 stations!)	2013-08-15, 0/22:00:01 - 1/14:59:59	RR LL RL LR	8	8.0 MHz	16	2.0
v486b1-p1	V486B1.UNGATED.P1.FITS	Unbinned pass, DAS1, 2nd phase centre (on in-beam calibrator) (Incorrect setup for Mark5 stations!)	2013-08-15, 0/23:06:25 - 1/10:45:29	RR LL RL LR	8	8.0 MHz	16	2.0
v486b1-psr	V486B1.PSR.BIN[0-3].FITS	Pulsar binning, DAS1 (Incorrect setup for Mark5 stations!)	2013-08-15, 0/23:06:25 - 1/10:45:29	RR LL RL LR	8	8.0 MHz	16	2.0
v486b2	V486B2.UNGATED.FITS	As above for DAS2 (Pa-At-Mp only)	2013-08-15, 0/22:00:01 - 1/14:59:58	RR LL RL LR	8	8.0 MHz	16	2.0
v486b2-p1	V486B2.UNGATED.P1.FITS	As above for DAS2	2013-08-15, 0/23:06:29 - 1/10:45:29	RR LL RL LR	8	8.0 MHz	16	2.0
v486b2-psr	V486B2.PSR.BIN[0-3].FITS	As above for DAS2	2013-08-15, 0/23:06:29 - 1/10:45:29	RR LL RL LR	8	8.0 MHz	16	2.0

## Analysis notes: v486b1-new

**Note:** Setup for Mark5 stations was OK in this (unbinned) pass, but wrong for Tid.

[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:**

## Analysis notes: v486b1

**Note:** Problem with correlation setup for Mark5 stations (Hh Ke Ww Yg)

[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:**

## Analysis notes: v486b1-p1

[Brief Data Summary](#)

[Scan listing](#)

[Plots of autocorrelations](#)

**Comments:** Only available for 1st phase centre.

[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:**

## Analysis notes: v486b1-psr

[Brief Data Summary](#)

[Scan listing](#)

[Plots of autocorrelations](#)

**Comments:** Only available for bin 0 (bin 1 pipelined).

[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:**

## Analysis notes: v486b2

[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:**

## Analysis notes: v486b2-p1

[Brief Data Summary](#)

[Scan listing](#)

[Plots of autocorrelations](#)

**Comments:** Only available for 1st phase centre.

[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:**

## Analysis notes: v486b2-psr

[Brief Data Summary](#)

[Scan listing](#)

[Plots of autocorrelations](#)

**Comments:** Only available for bin 0 (bin 1 pipelined).

[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:**

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

Permanent link:  
<https://www.atnf.csiro.au/vlbi/dokuwiki/doku.php/correlator/records/v486b>

Last update: 2014/11/11 18:08



