

# v255s

[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) |
|-------------|---------------------|--|-------------------------------------|---------------|-----------------------|------------------------|------------------------------|---------------------|
| v255s-cal   | V255S.CAL.FITS      | Calibration pass, mode v255s.5cm       | 2013-06-17, 0/02:30:01 - 0/21:59:58 | RR LL RL LR   | 2                     | 16.0 MHz               | 32                           | 2.0                 |
| v255s-icrf  | V255S.ICRF.FITS     | ICRF mode                              | 2013-06-17, 0/02:40:03 - 0/19:59:58 | RR LL         | 4                     | 16.0 MHz               | 32                           | 2.0                 |
| v255s-line1 | V255S.LINE1.FITS    | 1st maser pass, 1667-1669 MHz          | 2013-06-17, 0/03:30:59 - 0/08:57:59 | RR LL RL LR   | 1                     | 2.0 MHz                | 2048                         | 2.097152            |
| v255s-line2 | V255S.LINE2.FITS    | 2nd maser pass, 1668-1670 MHz          | 2013-06-17, 0/09:47:30 - 0/20:30:27 | RR LL RL LR   | 1                     | 2.0 MHz                | 2048                         | 2.097152            |
| v255s-line2 | V255S.LINE2.P1.FITS | Second phase centre for 2nd maser pass | 2013-06-17, 0/09:47:30 - 0/20:30:27 | RR LL RL LR   | 1                     | 2.0 MHz                | 2048                         | 2.097152            |

**Note:** Must set `doPolar = False` in SETUP section of .v2d file for ICRF mode pass, otherwise an error results in Hart data missing from FITS file (Hart matches LCP in IFs 3 and 4 in ICRF mode).

## Analysis notes: v255s-cal

[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: v255s-icrf

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[Fringe-fit SNR](#)

**Comments:**

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**Comments:**

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

**Comments:**

## Analysis notes: v255s-line1

[Brief Data Summary](#)

[Scan listing](#)

[Plots of autocorrelations](#)

**Comments:**

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**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: v255s-line2

[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:**

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