v558e

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)
v558e-cal	V558E.CAL.FITS	Sources: ALL. VLA-MID correlated at position of VLA-1.	2020-03-20, 0/01:11:22 - 0/13:59:59	AT CD HH HO KE KM MP PA T6 WA	RR LL RL LR	8	16.0 MHz	64	1.0
v558e-gated	V558E.GATED.FITS	Gated pass. Source: VLA-MID correlated at position of J0437-4715.	2020-03-20, 0/01:15:21 - 0/13:36:39	AT CD HH HO KE KM MP PA T6 WA	RR LL RL LR	8	16.0 MHz	64	1.0
v558e-vla1	V558E.VLA1.FITS	Use off-gate to exclude pulsar. Sources: VLA-MID correlated at position of VLA-1.	2020-03-20, 0/01:15:21 - 0/13:36:39	AT CD HH HO KE KM MP PA T6 WA	RR LL RL LR	8	16.0 MHz	64	1.0
v558e-vla2	V558E.VLA2.FITS	Use off-gate to exclude pulsar. Source: VLA-MID correlated at position of VLA-2.	2020-03-20, 0/01:15:21 - 0/13:36:39	AT CD HH HO KE KM MP PA T6 WA	RR LL RL LR	8	16.0 MHz	64	1.0

HO: RCP only

WA: Correlated with crossed polarizations - run SWPOL in AIPS to fix.

Analysis notes: v558e-cal

Brief Data Summary

Scan, source, frequency 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: v558e-gated

Brief Data Summary

Scan, source, frequency 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: v558e-vla1

Brief Data Summary

Scan, source, frequency 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: v558e-vla2

Brief Data Summary

Scan, source, frequency 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: