

v275b

[Observers Wiki](#)

Correlation Notes

Tid observed with 2 antennas, DSS34 observing RCP and DSS45 observing LCP (going to same recorder, so same data stream contains both polarizations). Added extra antenna to vex file for correlation, to use correct station positions and clocks. However the other polarization (wrong antenna) data is still present in output data and will need to be flagged in AIPS.

Correlated with 64 channels per IF, 2 sec integration, cross-hand polarizations included.

Output file: V275B.0.FITS (1.2 GB)

Analysis Notes

Duplicate data from Tid present in output. LCP data associated with DSS34 and RCP data associated with DSS45 will need to be flagged!

Use AIPS task UVFLG, example inputs to flag all "bad" pol channels:

1. antenna 3,0; baseline 1,2,3; stokes '0110'; opcode 'flag'; reason 'DSS34 no L pol'
2. antenna 3,0; baseline 3,4,5,6,7; stokes '0101'; opcode 'flag'; reason 'DSS34 no L pol'
3. antenna 4,0; baseline 1,2,3,4; stokes '1001'; opcode 'flag'; reason 'DSS45 no R pol'
4. antenna 4,0; baseline 4,5,6,7; stokes '1010';opcode 'flag'; reason 'DSS45 no R pol'

Flag file: [v275b.uvflg](#)

Data verified by: Aquib

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