

Subject: [radiojove-data] 13 Dec 2013 non-Io-A
From: Dave Typinski <davetyp@typnet.net>
Date: 12/13/2013 20:04
To: RadioJove-Data <radiojove-data@lists.nasa.gov>

Thanks to Jim Brown's eagle eye and Tom Ashcraft's followup, here's some weak non-Io-A from this morning.

The UFRO spectrograph has been since Dec 10th running on the TFD array like the DPS (instead of the RJ array). The TFD array's RCP and LCP feeds go to multicouplers, then one pair of those multicoupler outputs goes to a power combiner, then into the UFRO spectrograph.

This is a "I wonder what happens if..." experiment. Not sure what science it will provide, but one thing is for sure: this setup is *sensitive!*

Then again, it could also be that the narrower bandwidth setting on the UF spectro just makes it seem that way. I suppose the color gain and color offset on the DPS could be adjusted to bring weaker stuff up too, but then half the waterfall would be black.

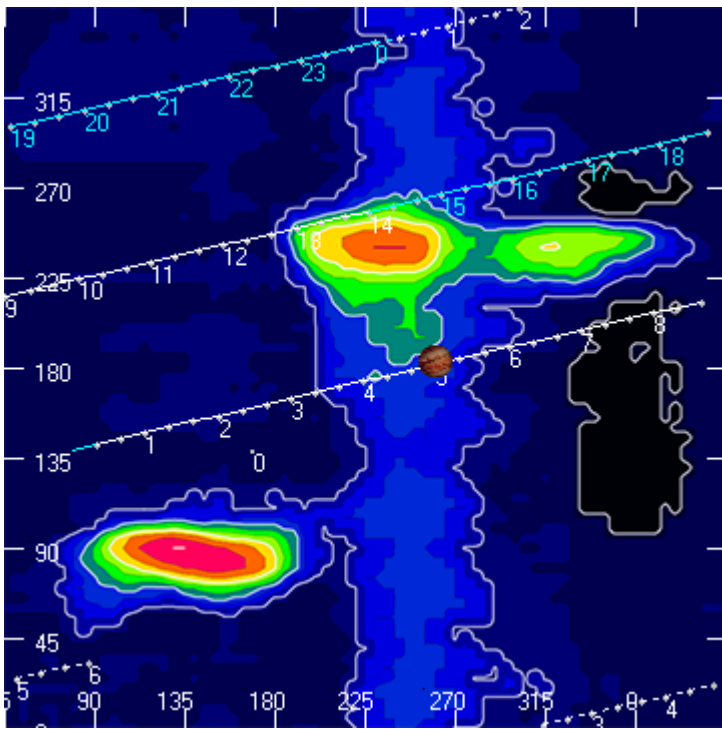
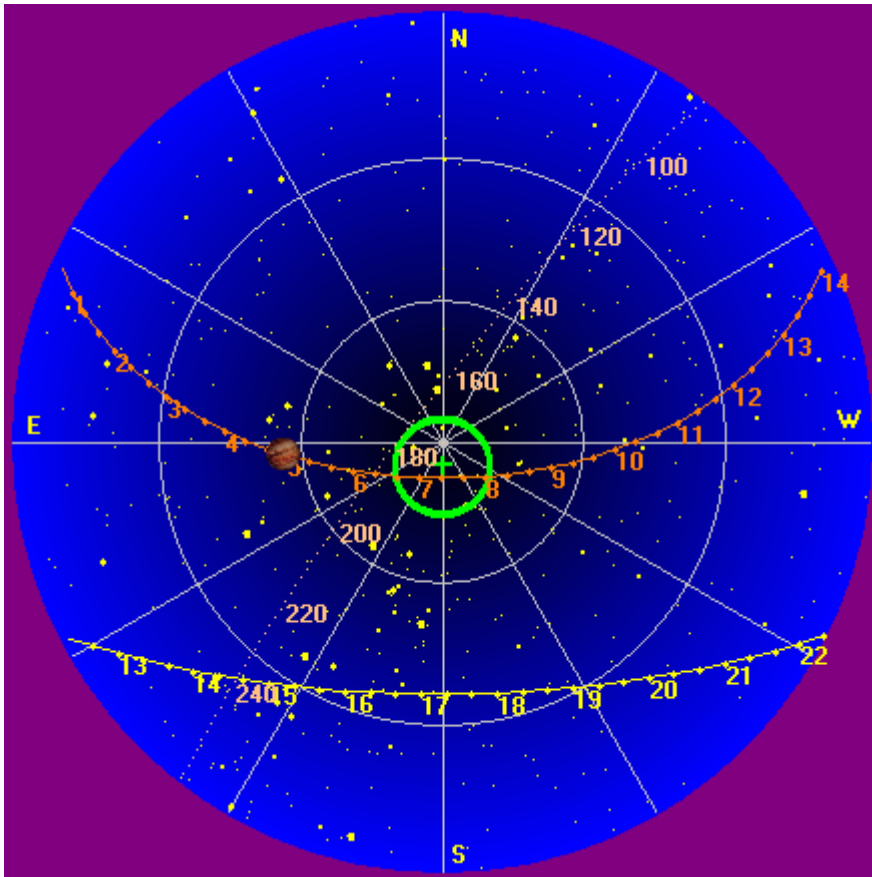
Jupiter was off axis from 36° to 29°.

Jupiter was leading the Sun by 153°.

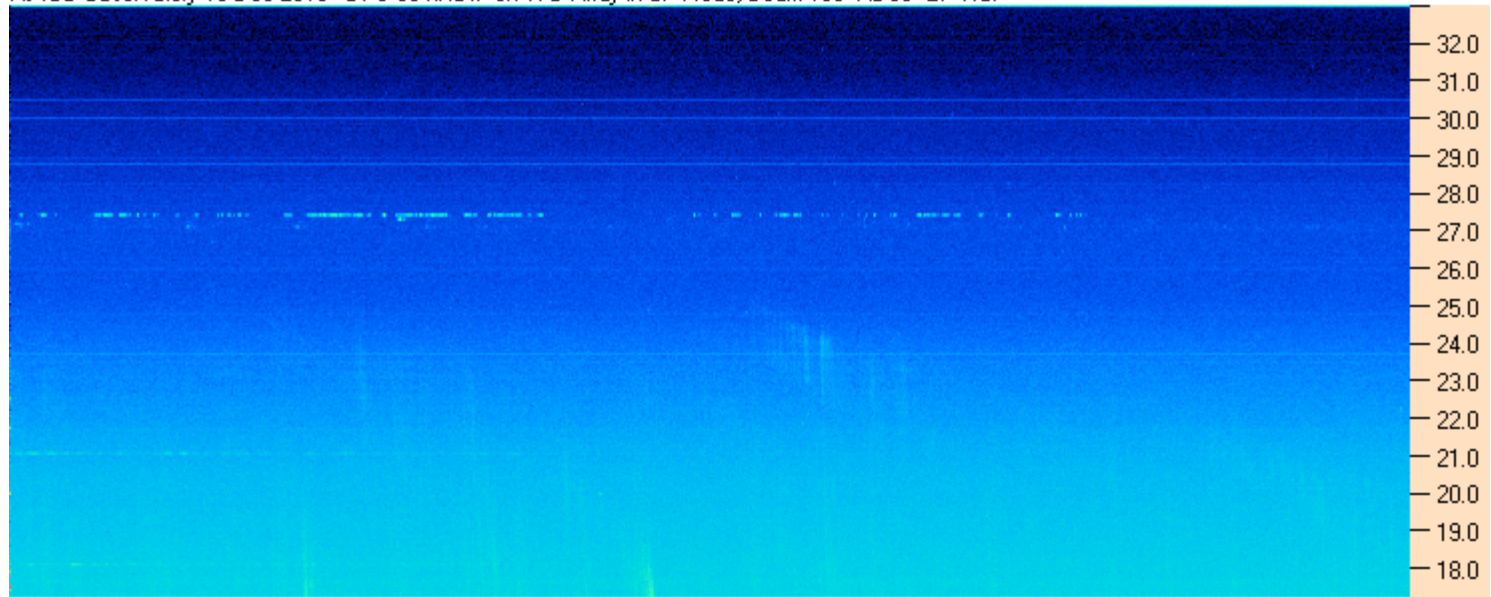
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Dave

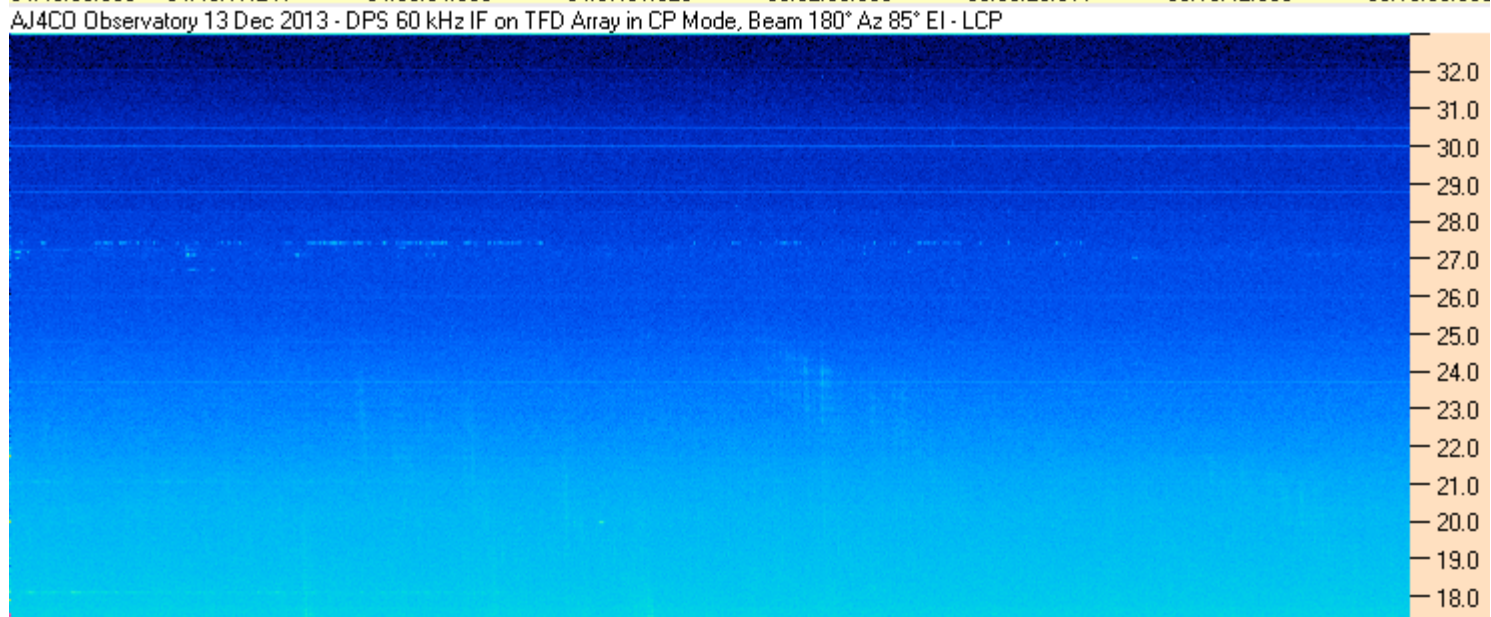
AJ4CO Observatory, 13 Dec 2013



AJ4CO Observatory 13 Dec 2013 - DPS 60 kHz IF on TFD Array in CP Mode, Beam 180° Az 85° EI - RCP



AJ4CO Observatory 13 Dec 2013 - DPS 60 kHz IF on TFD Array in CP Mode, Beam 180° Az 85° EI - LCP



AJ4CO Observatory 13 Dec 2013 - FS-200 30 kHz IF on TFD Array in CP Mode, Beam 180° Az 85° EI - RCP+LCP Summed

