

Subject: [radiojove-data] 15 Dec 2013 Io-A

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Date: 12/16/2013 22:31

To: RadioJove-Data <radiojove-data@lists.nasa.gov>

Adding to Tom's fine report, here's the Io-A from Sunday morning. Observed emission RCP from 17 to 29 MHz. Lots of L bursting with scintillation, but not much in the way of fine-structured modulation lanes.

There was local lightning throughout the event.

The TFD is showing what looks like Faraday banding in the RCP spectrogram. This might be an artifact of beam steering.

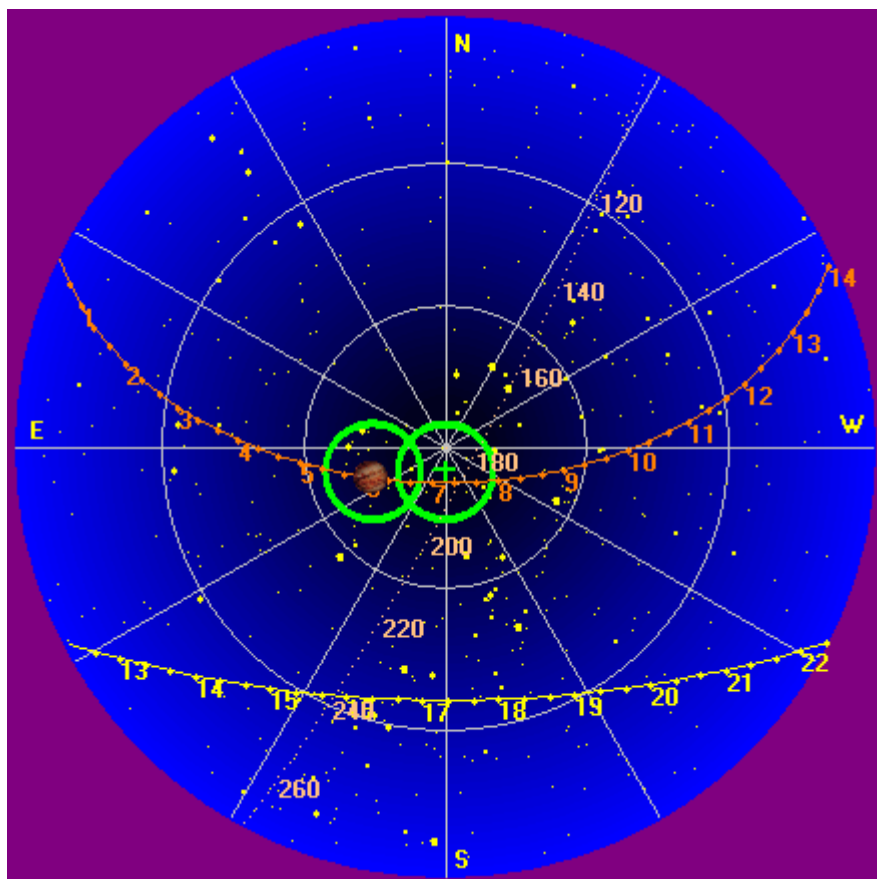
Jupiter was off axis $\leq 10^\circ$; beam position was changed at 0642 to follow Jupiter..

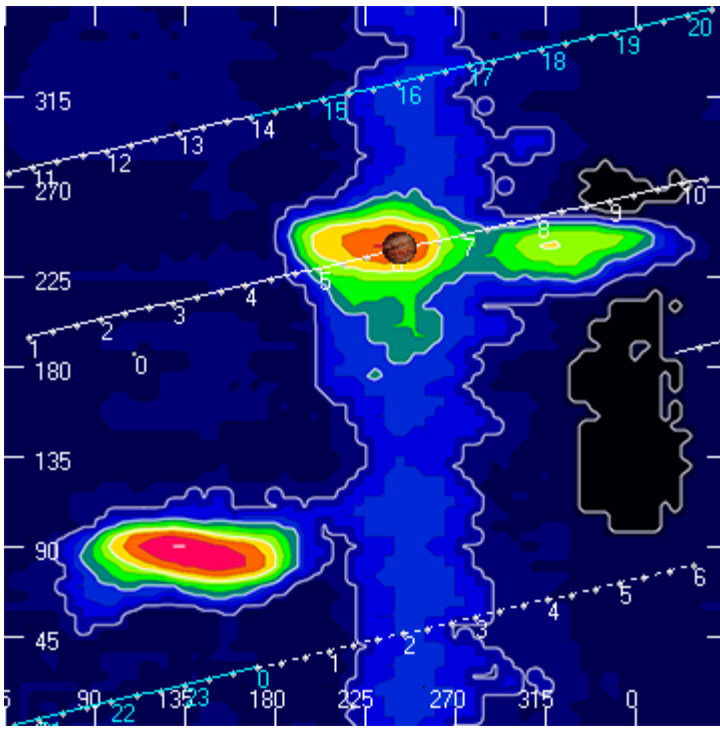
Jupiter was leading the Sun by 155° .

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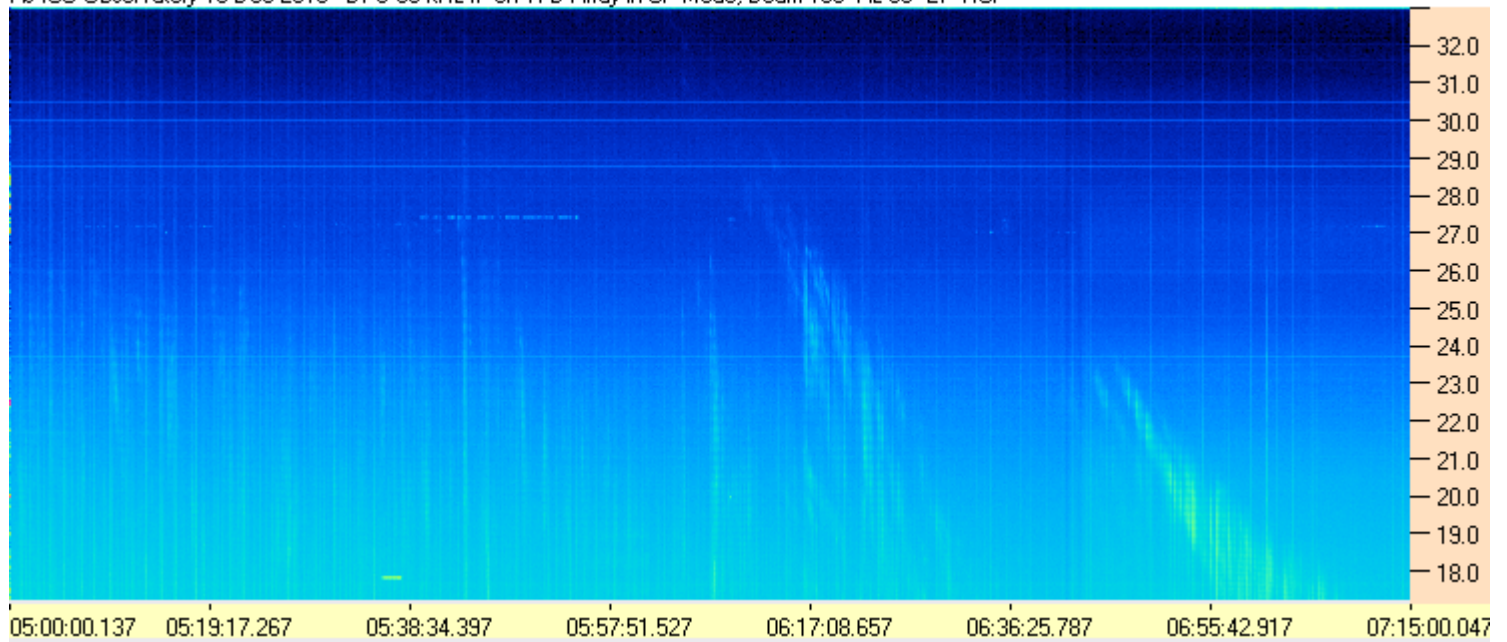
Dave

AJ4CO Observatory, 15 Dec 2013

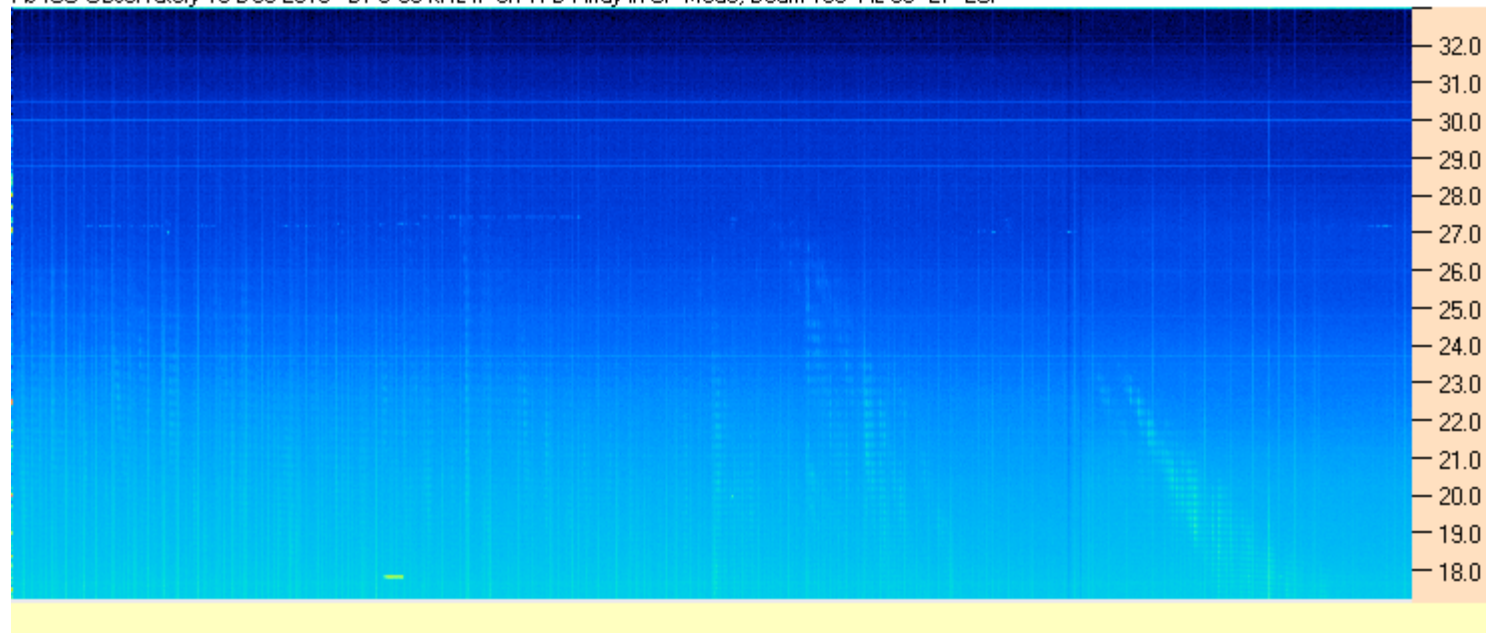




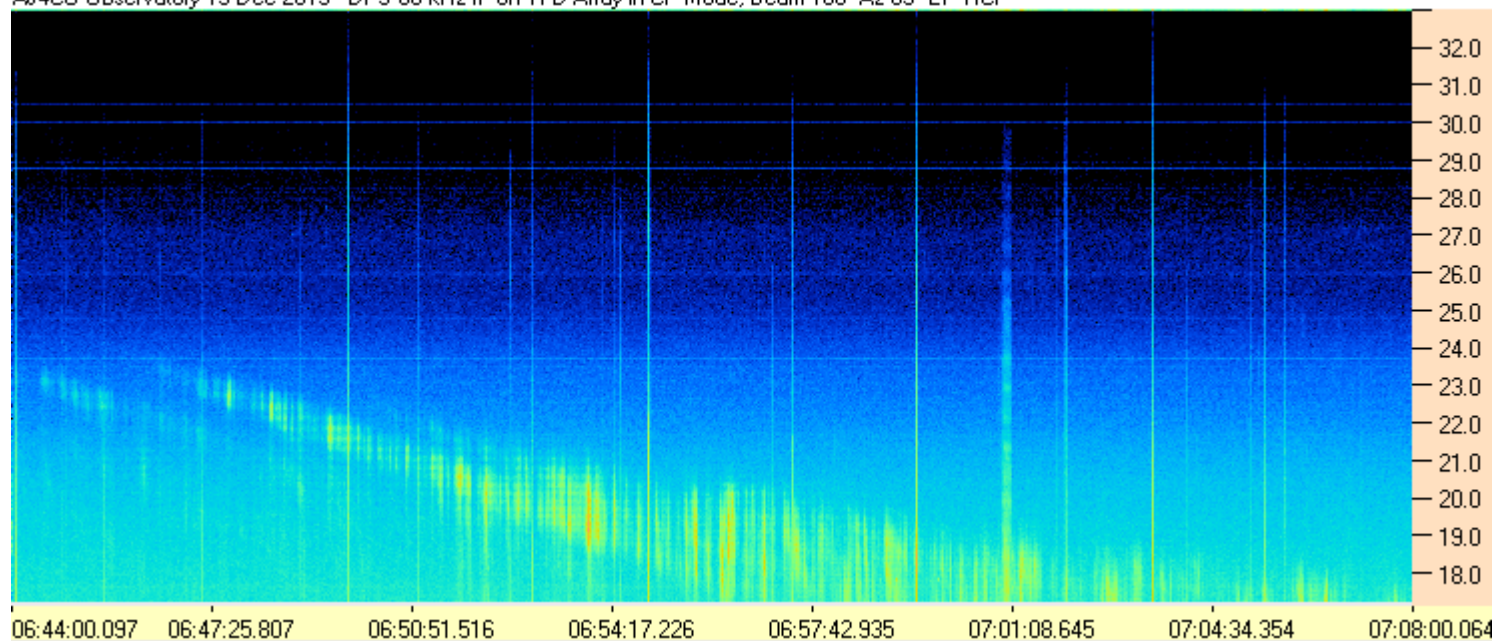
AJ4CO Observatory 15 Dec 2013 - DPS 60 kHz IF on TFD Array in CP Mode, Beam 180° Az 85° El - RCP



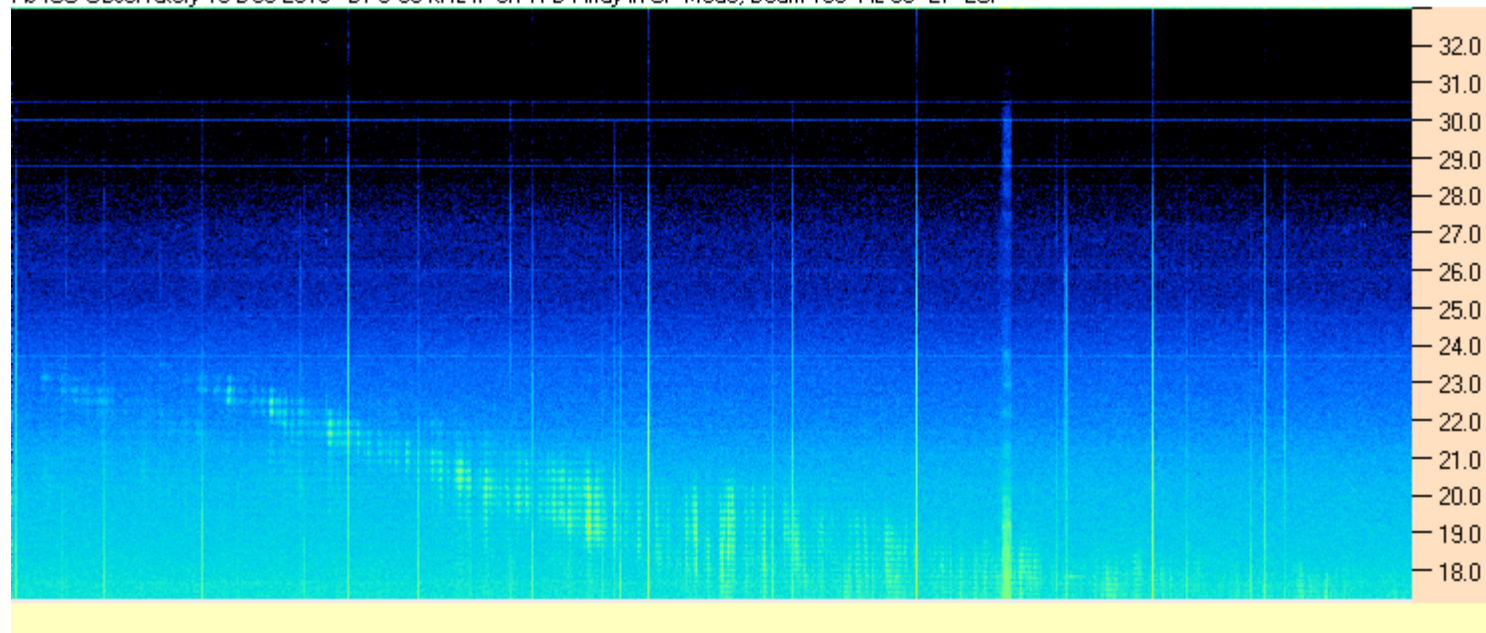
AJ4CO Observatory 15 Dec 2013 - DPS 60 kHz IF on TFD Array in CP Mode, Beam 180° Az 85° El - LCP



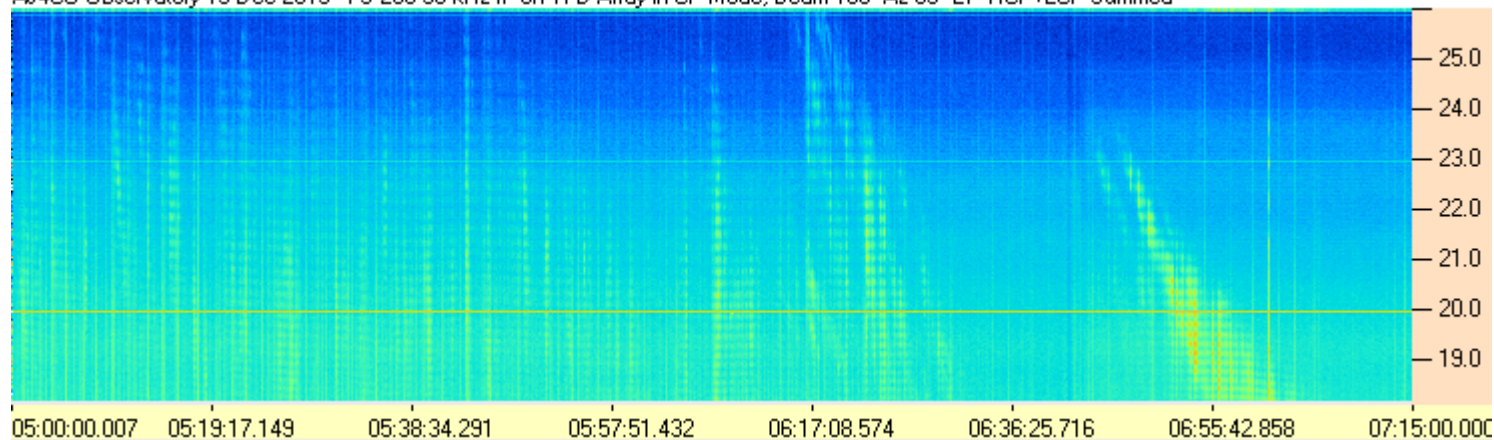
AJ4CO Observatory 15 Dec 2013 - DPS 60 kHz IF on TFD Array in CP Mode, Beam 180° Az 85° El - RCP



AJ4CO Observatory 15 Dec 2013 - DPS 60 kHz IF on TFD Array in CP Mode, Beam 180° Az 85° El - LCP



AJ4CO Observatory 15 Dec 2013 - FS-200 30 kHz IF on TFD Array in CP Mode, Beam 180° Az 85° El - RCP+LCP Summed



AJ4CO Observatory 15 Dec 2013 - FS-200 30 kHz IF on TFD Array in CP Mode, Beam 180° Az 85° El - RCP+LCP Summed

