

Subject: [radiojove-data] 06 Feb 2016 Io-B/D

From: Dave Typinski <davetyp@typnet.net>

Date: 02/07/2016 13:52

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

Adding to Tom's nice report, here's some Io-B/D from Saturday morning.

RCP dominant L bursting 0817-0950 UTC from 18 to 28 MHz, zero drift emission envelope.

LCP dominant L bursting 1034-1102 UTC from 16 to 18 MHz, negative drift emission envelope.

The LCP may be non-Io emission since Io-D would be expected to produce an upward frequency drift, not downward.

Lots of Virgo A scintillation interference 0800 to 1000 UTC. Experimental method of taking the differences between RCP and LCP seems to have worked rather well to remove the randomly polarized Vir A emission and make the circularly polarized Jovian DAM show up better.

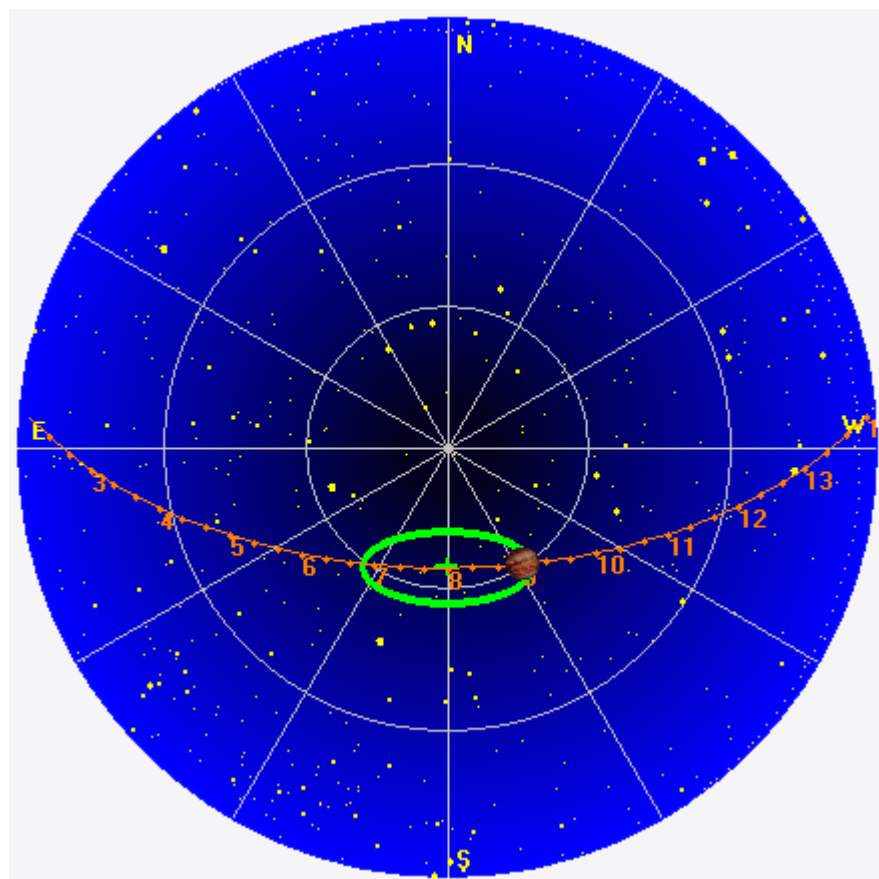
Jupiter was $+4^\circ$ to $+46^\circ$ off axis.

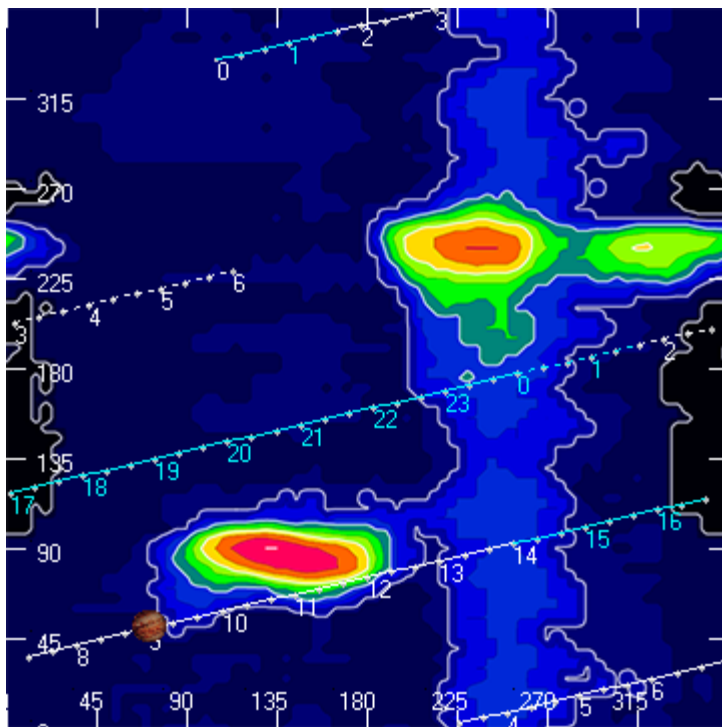
Jupiter was leading the Sun by 145° .

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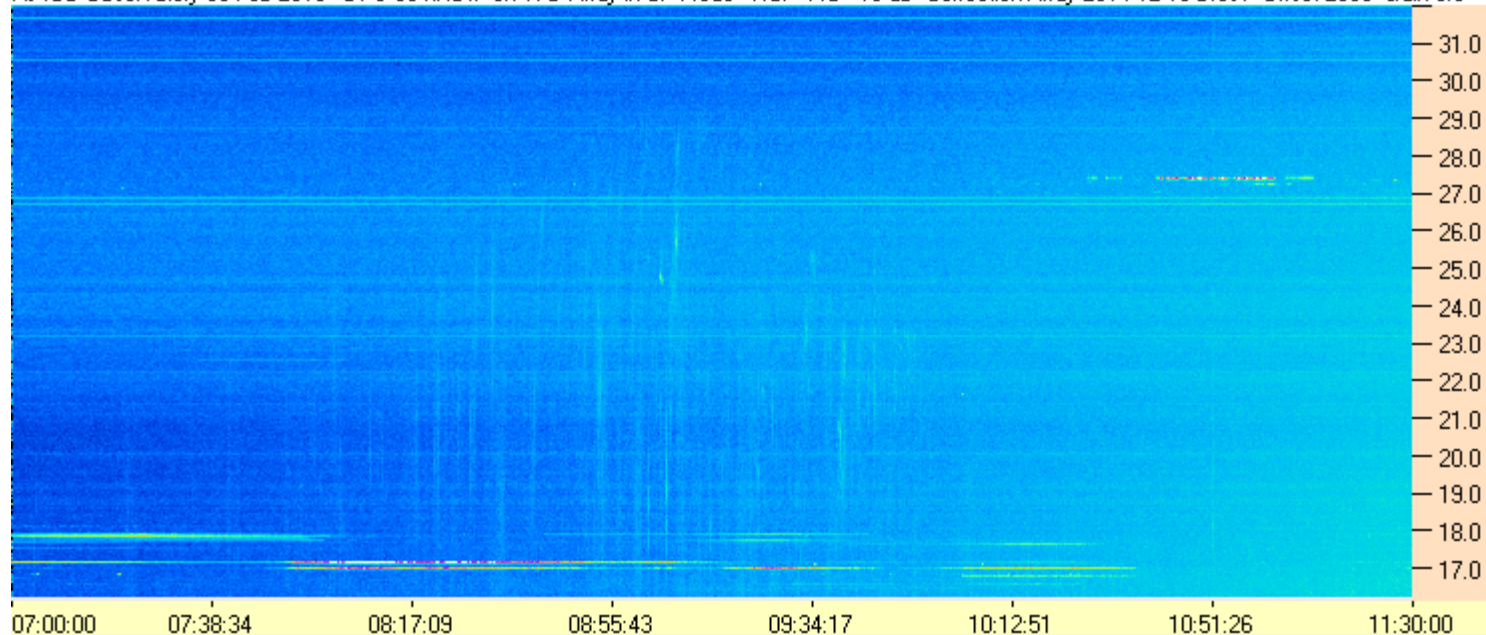
Dave

AJ4CO Observatory 06 Feb 2016, log entry 583 - 584

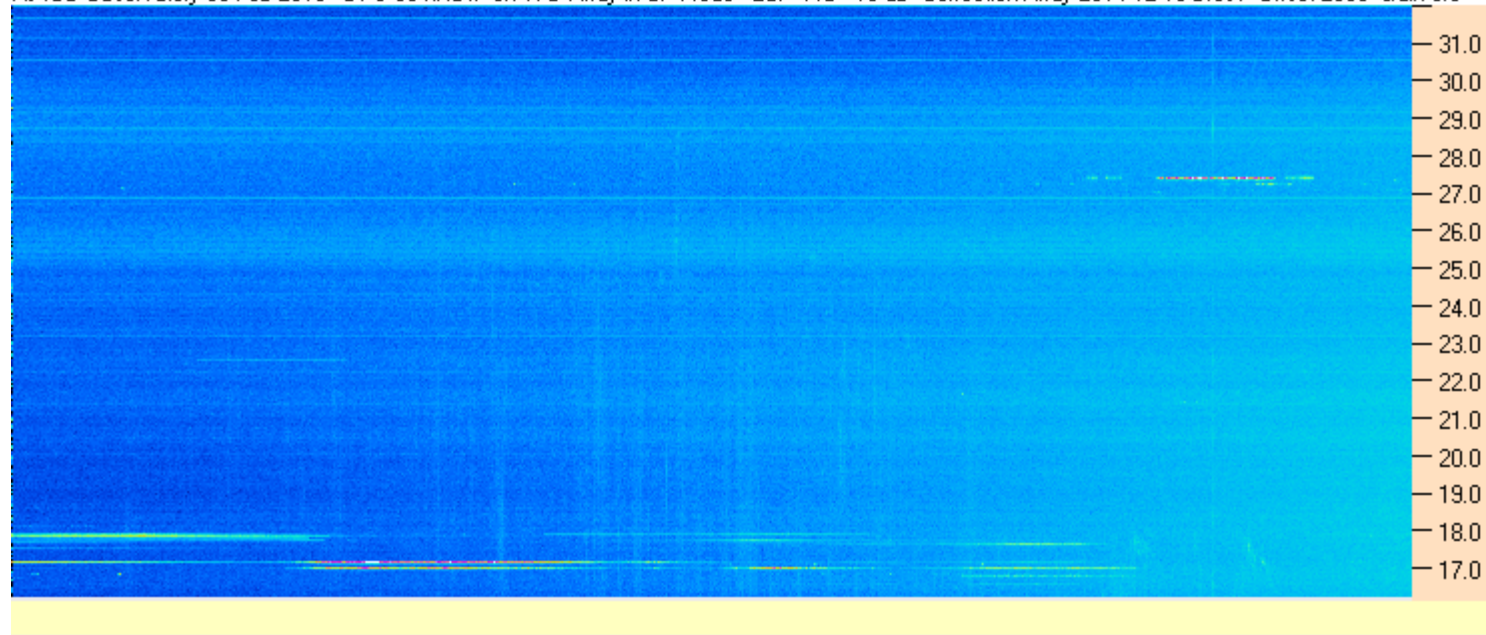




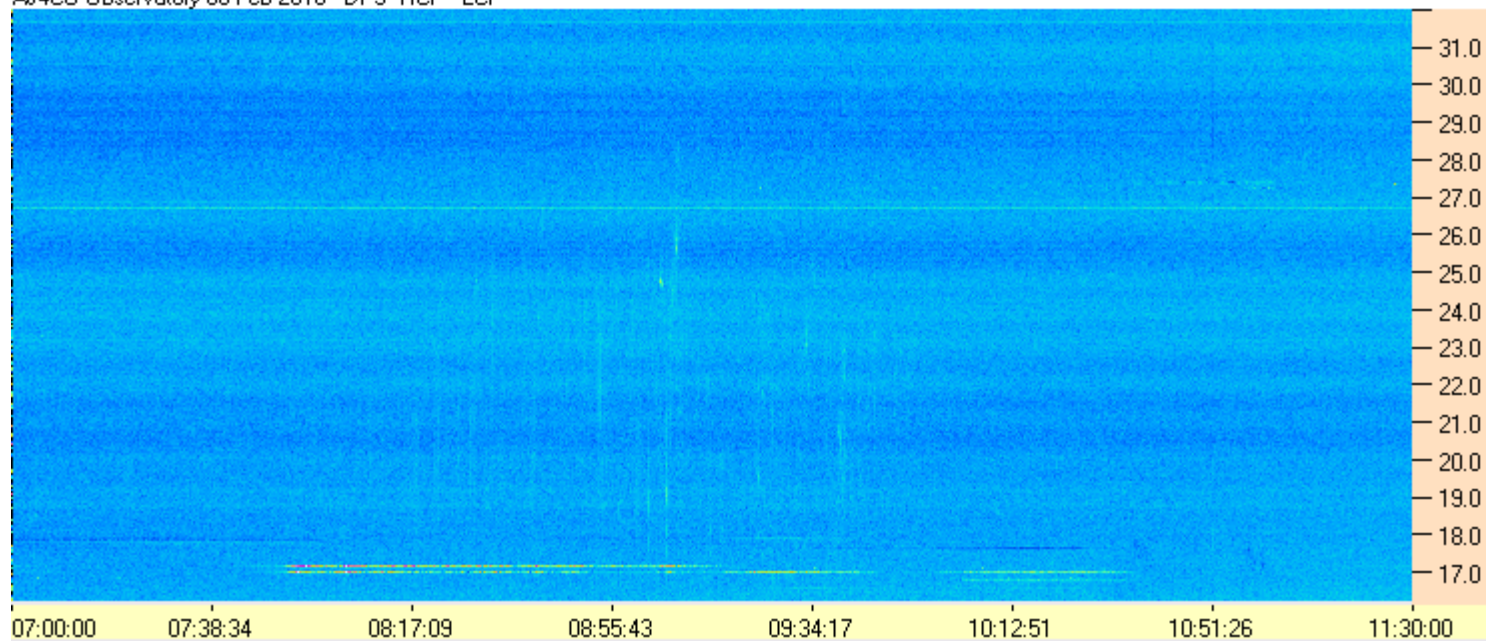
AJ4CO Observatory 06 Feb 2016 - DPS 30 kHz IF on TFD Array in CP Mode - RCP MC +13 dB Correction Array 2014 12 18 B.csv Offset 2050 Gain 5.0



AJ4CO Observatory 06 Feb 2016 - DPS 30 kHz IF on TFD Array in CP Mode - LCP MC +13 dB Correction Array 2014 12 18 B.csv Offset 2050 Gain 5.0



AJ4CO Observatory 06 Feb 2016 - DPS RCP - LCP



AJ4CO Observatory 06 Feb 2016 - DPS LCP - RCP

