

Subject: [radiojove-data] 11 Oct 2014 Io-B/D

From: Dave Typinski <davetyp@typnet.net>

Date: 10/11/2014 21:40

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

Adding to Tom, Wes, and Jim's nice reports, here's some Io-B/D from Saturday morning.

I'm calling it B/D because there were some LCP and RCP bursts mixed together.

Oddly, it looks like the LCP emission was stronger than RCP above 23 MHz, and weaker below 23 MHz. That's backwards of what one would expect from the weaker magnetic field in southern Jovian magnetosphere (Io-D). But there it is.

Faraday bands were evident due to the large off-zenith angle.

RCP L bursting from 16 to 26 MHz.

LCP L bursting from 20 to 27 MHz. Interesting modulation lanes, or something similar, around 1012 UTC.

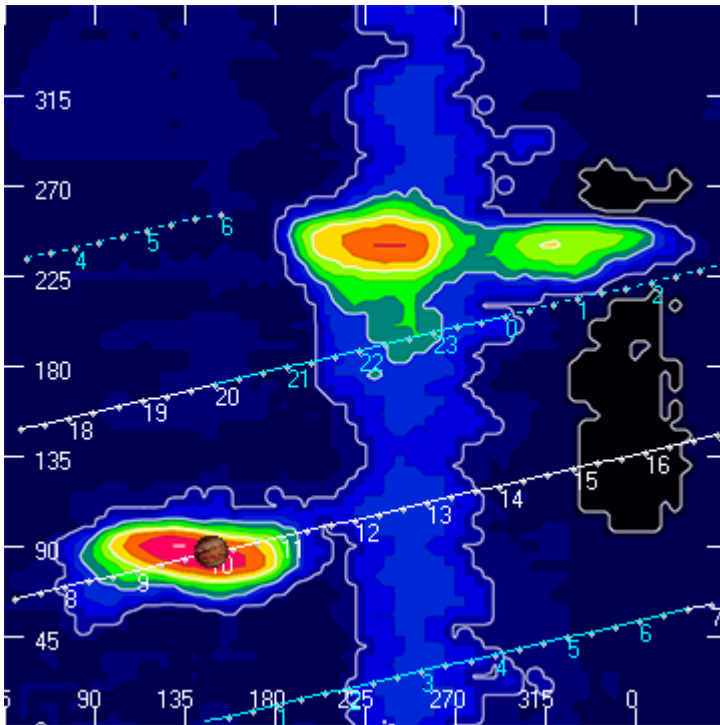
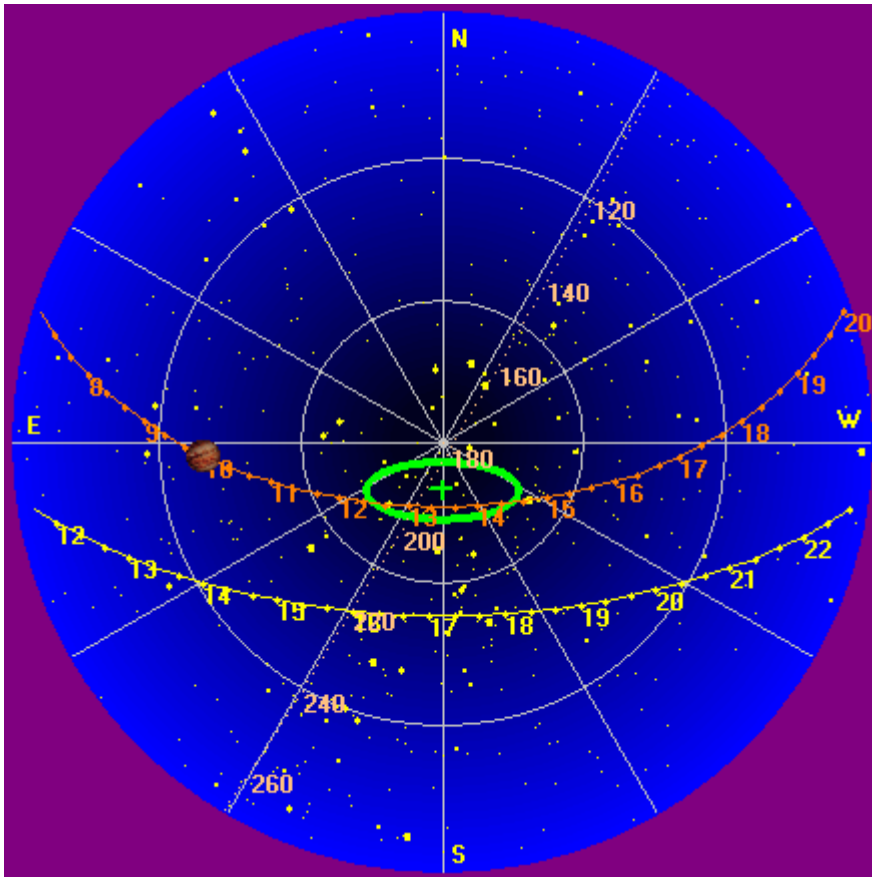
Jupiter was -56° to -44° off axis.

Jupiter was leading the Sun by 60° .

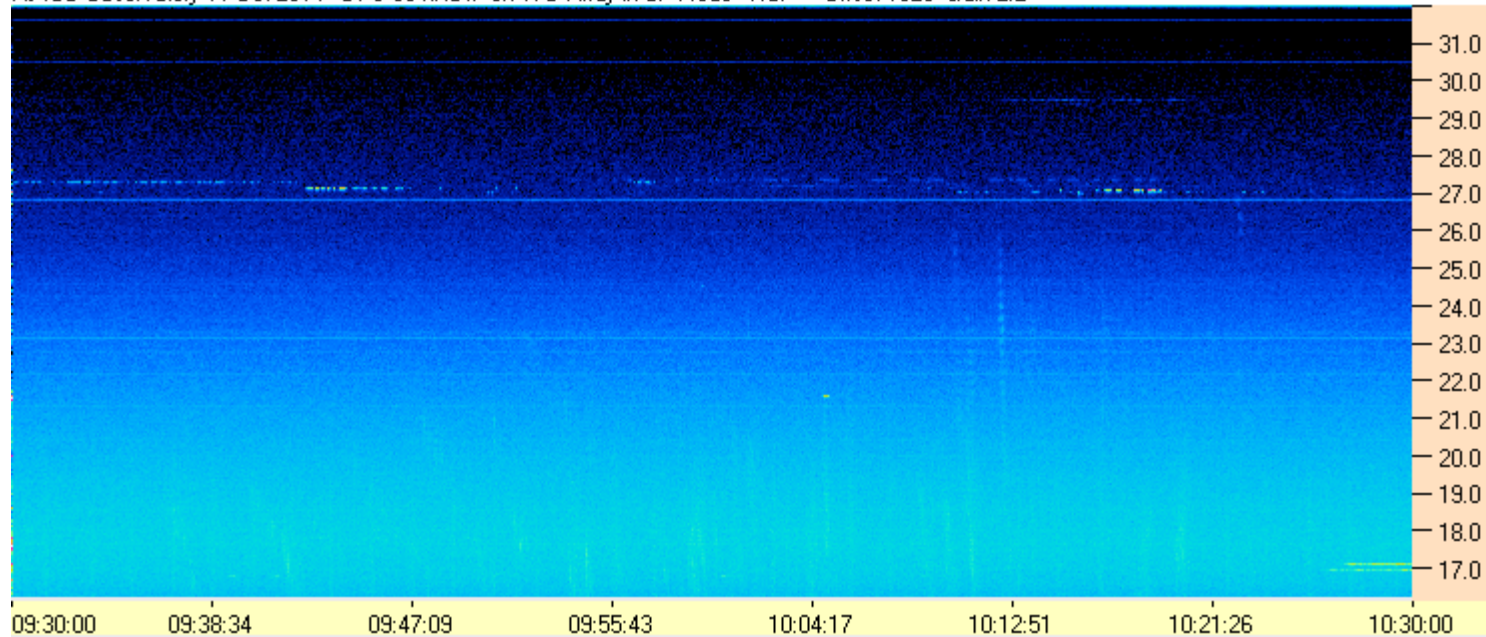
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Dave

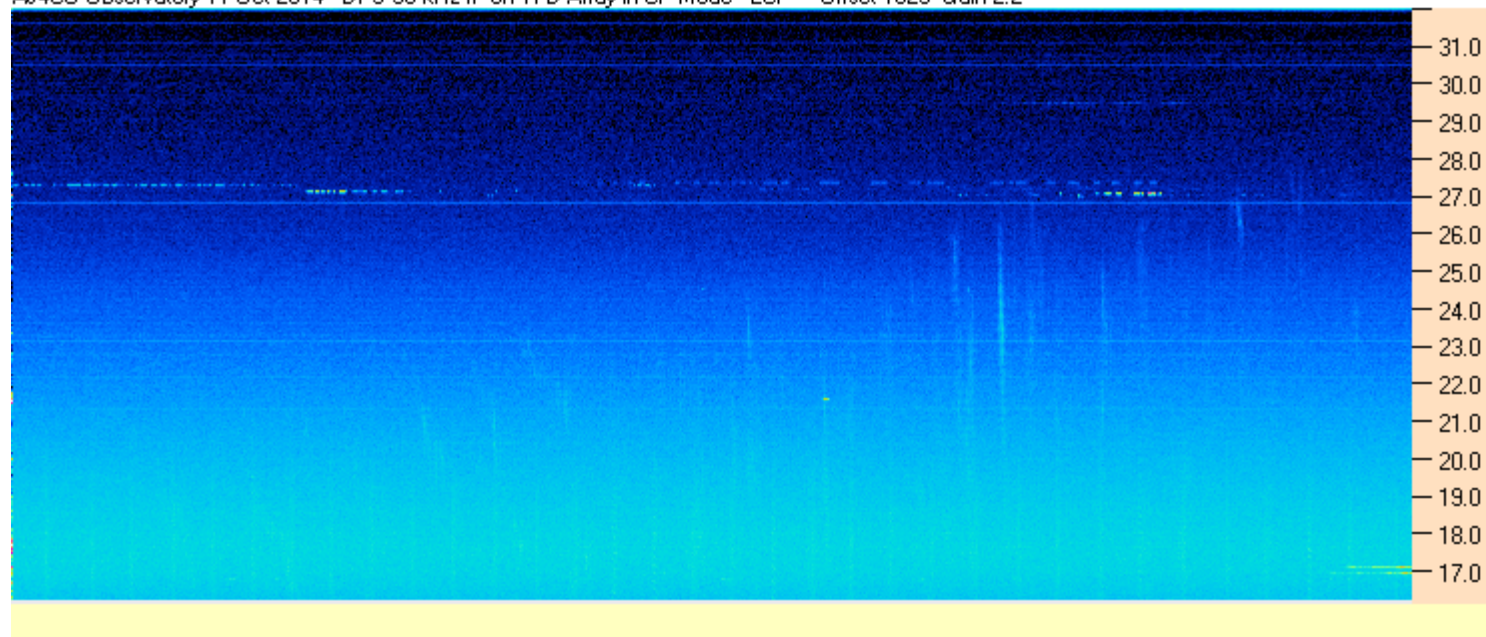
AJ4CO Observatory 11 Oct 2014



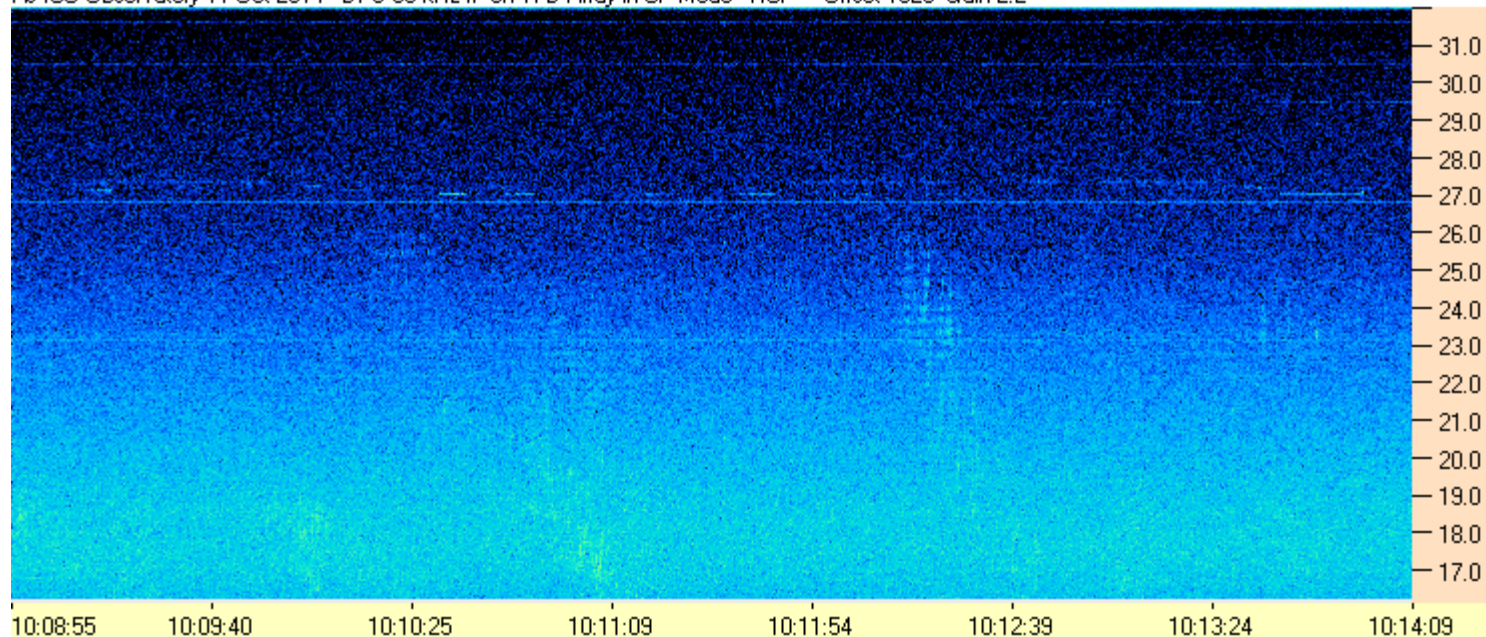
AJ4CO Observatory 11 Oct 2014 - DPS 30 kHz IF on TFD Array in CP Mode - RCP Offset 1825 Gain 2.2



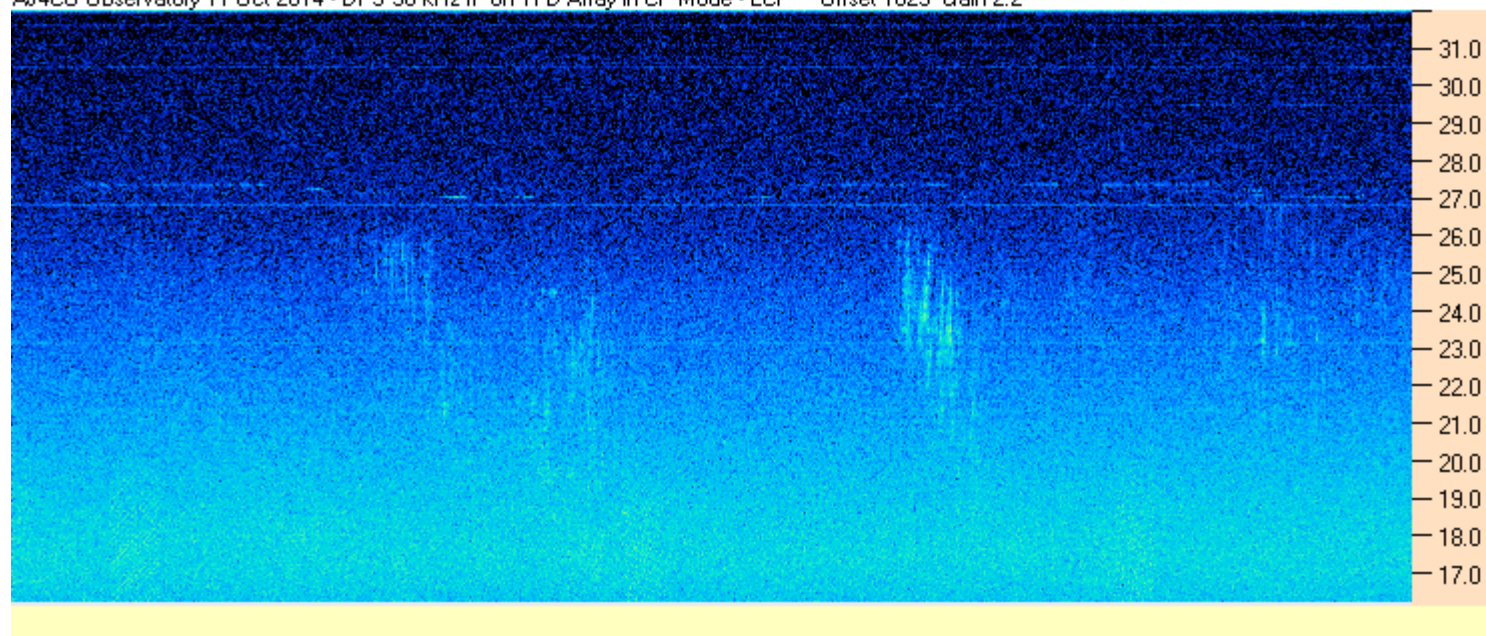
AJ4CO Observatory 11 Oct 2014 - DPS 30 kHz IF on TFD Array in CP Mode - LCP Offset 1825 Gain 2.2



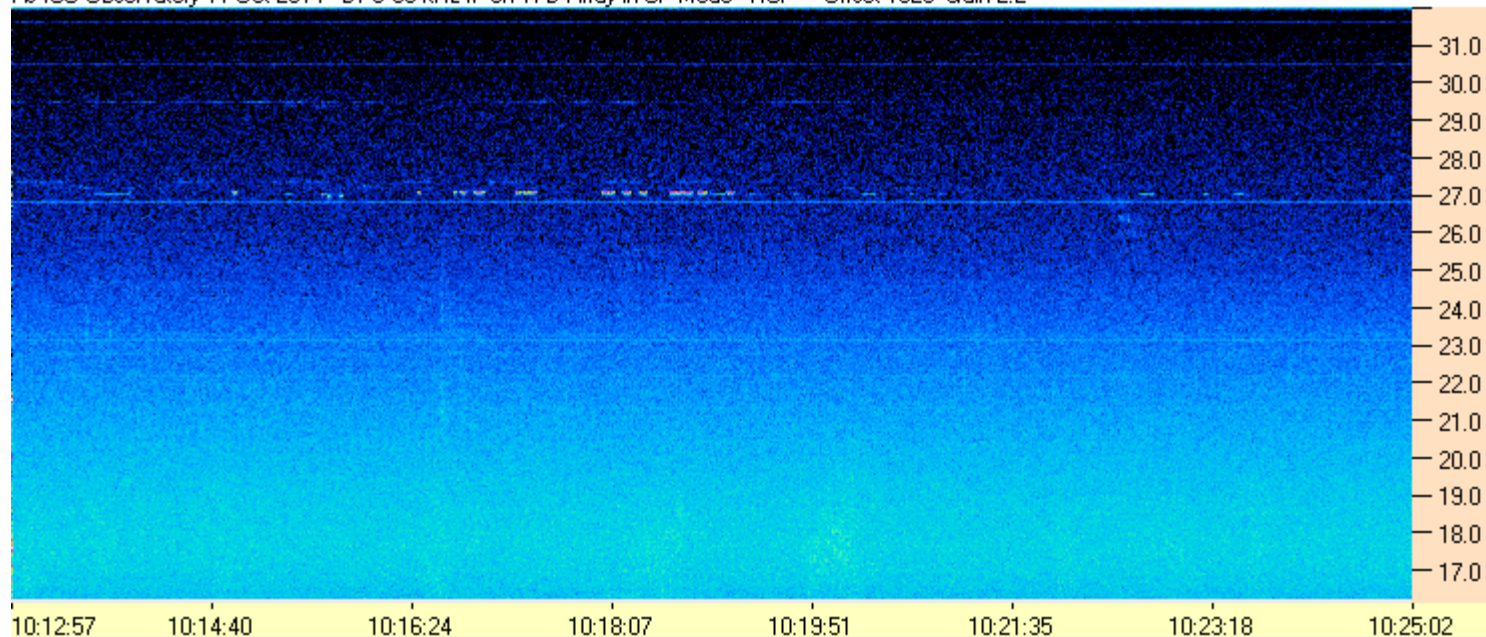
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