

Subject: [radiojove-data] 22 Dec 2015 Io-B and bouncy solar

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Date: 12/23/2015 23:30

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

Adding to Tom's nice report, here's some almost non-existent Io-B from Tuesday morning. Very weak on the east coast.

RCP dominant N event 1220-1226 UTC from 24 to 26 MHz, negative drift emission envelope.

RCP dominant narrow band S bursting 1318-1320 UTC at 21 MHz, zero drift emission envelope.

Type III/1 solar burst at 1313 UTC. Note the low frequency cutoff due to the low altitude Sun and the resulting grazing angle with the ionosphere. Frequencies below 26 MHz, in this instance, bounced off the top side of the ionosphere back into space.

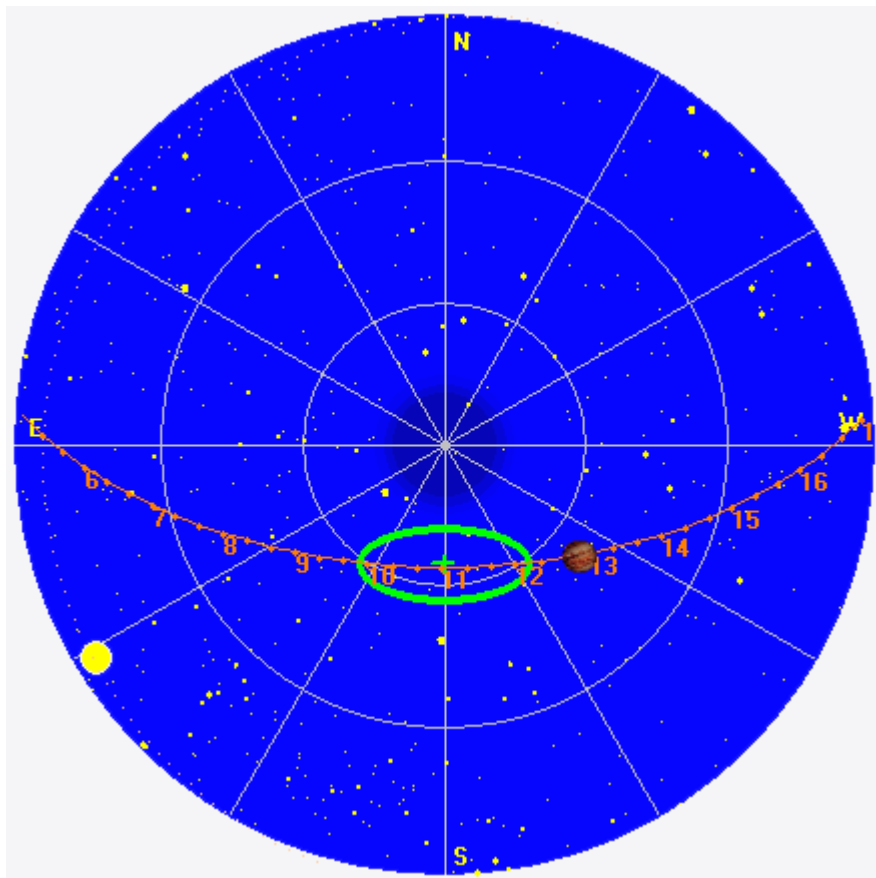
Jupiter was +19° to +34° off axis.

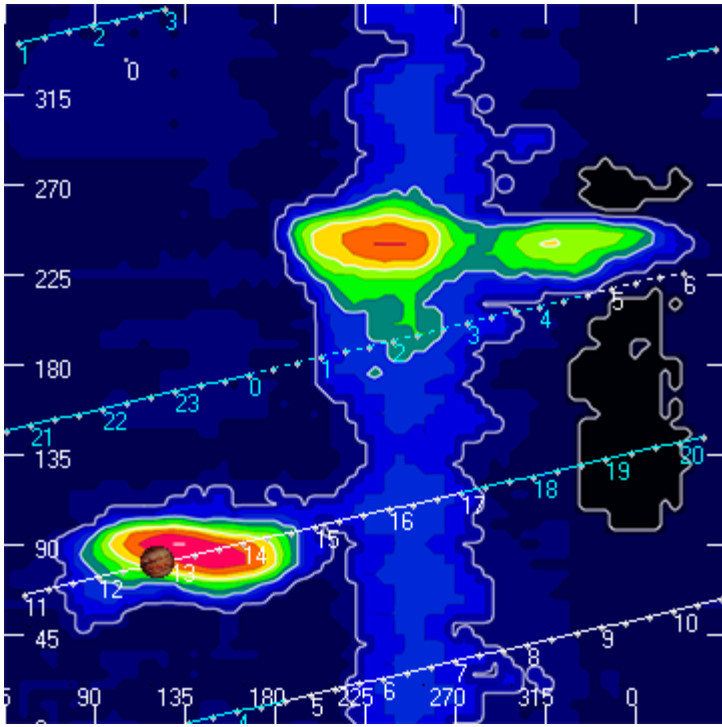
Jupiter was leading the Sun by 98°.

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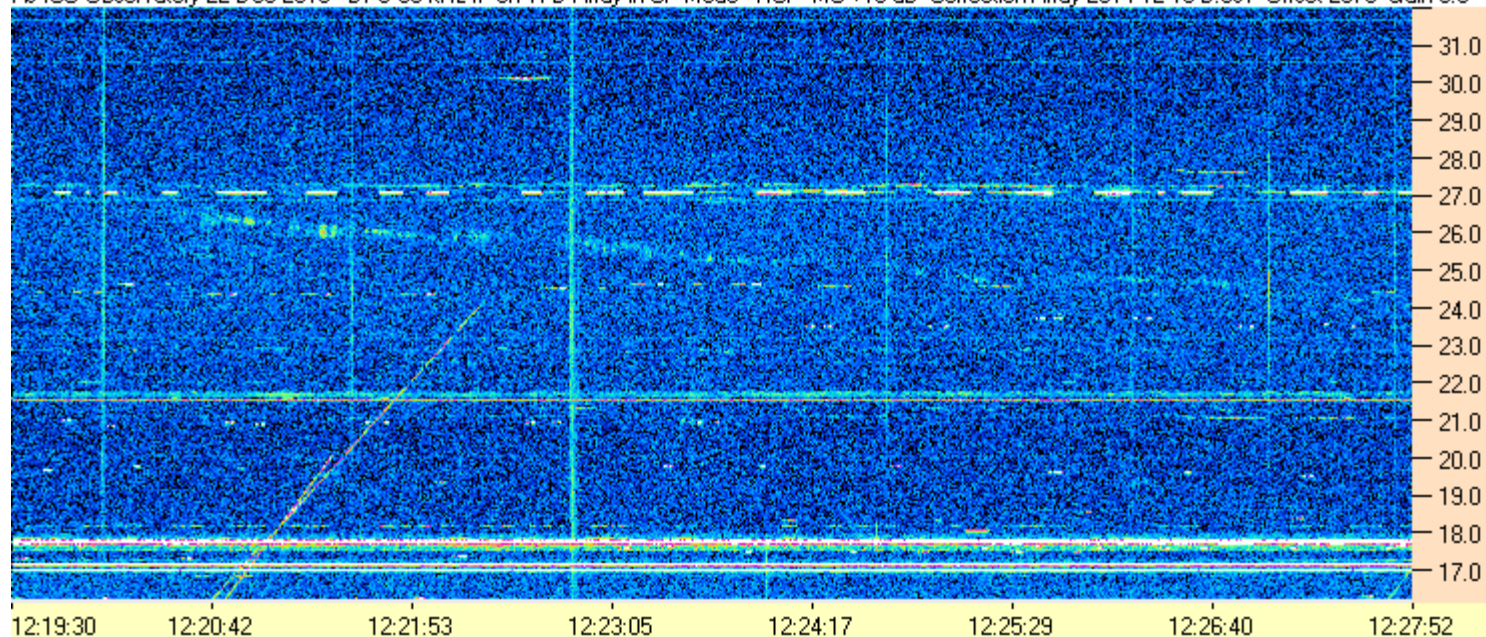
Dave

AJ4CO Observatory 22 Dec 2015, log entry 517 - 518

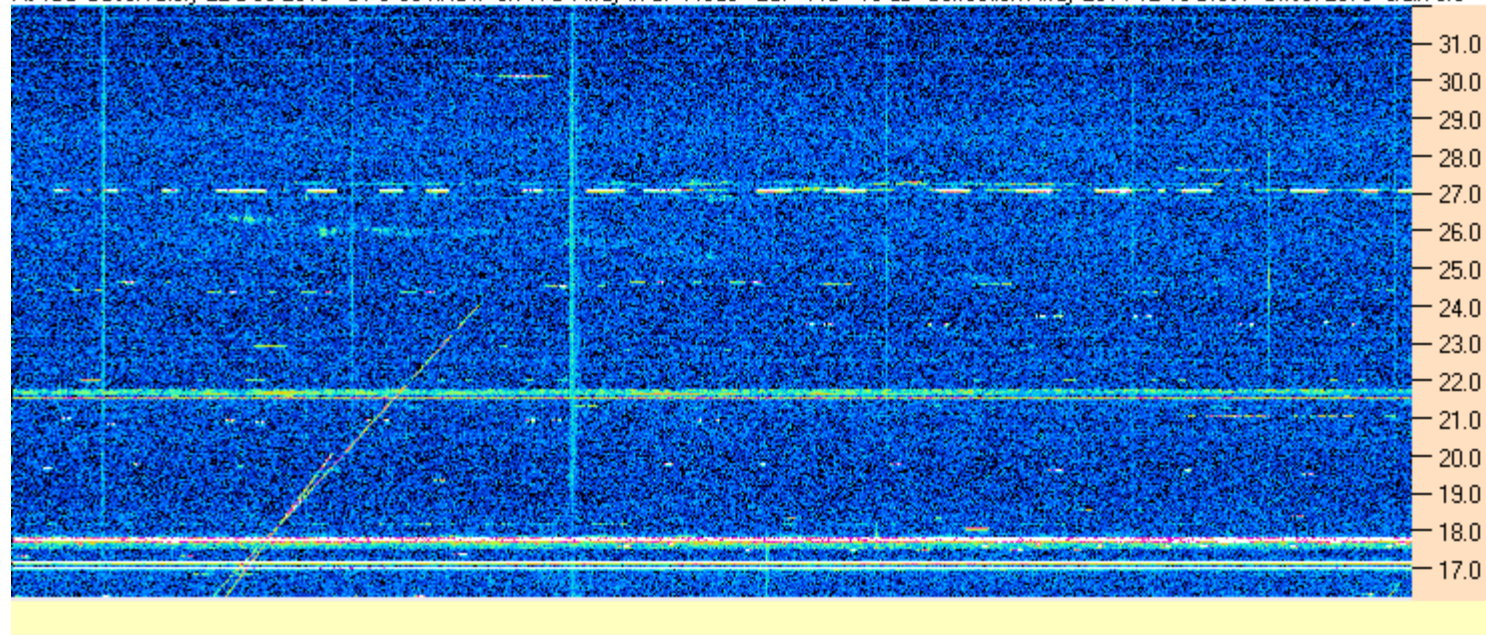




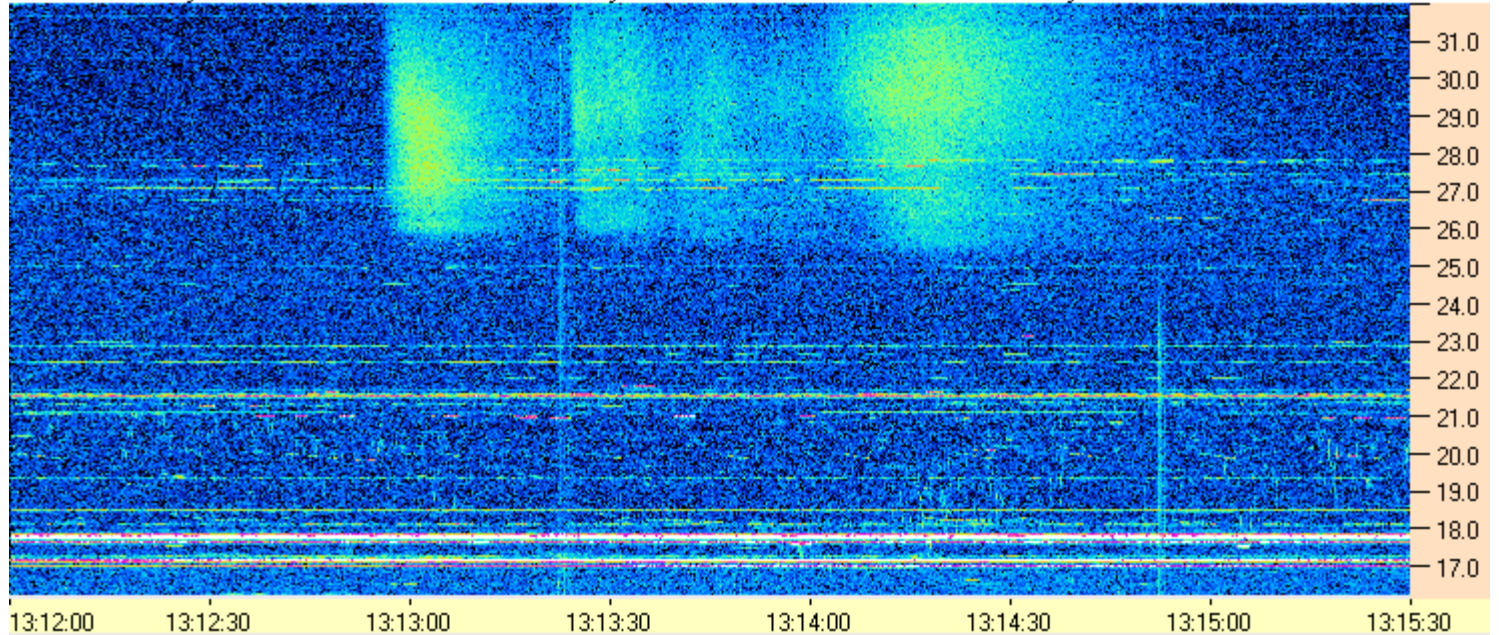
AJ4CO Observatory 22 Dec 2015 - DPS 30 kHz IF on TFD Array in CP Mode - RCP MC +13 dB Correction Array 2014 12 18 B.csv Offset 2075 Gain 5.0



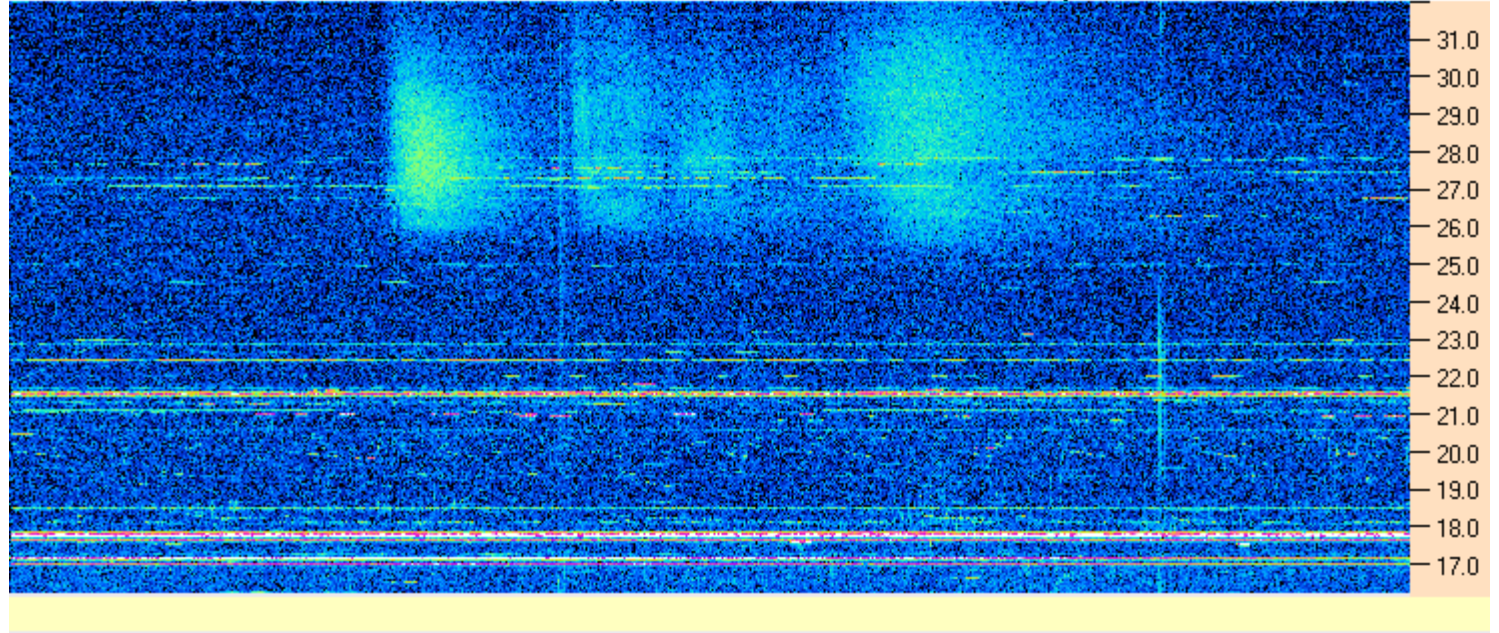
AJ4CO Observatory 22 Dec 2015 - DPS 30 kHz IF on TFD Array in CP Mode - LCP MC +13 dB Correction Array 2014 12 18 B.csv Offset 2075 Gain 5.0



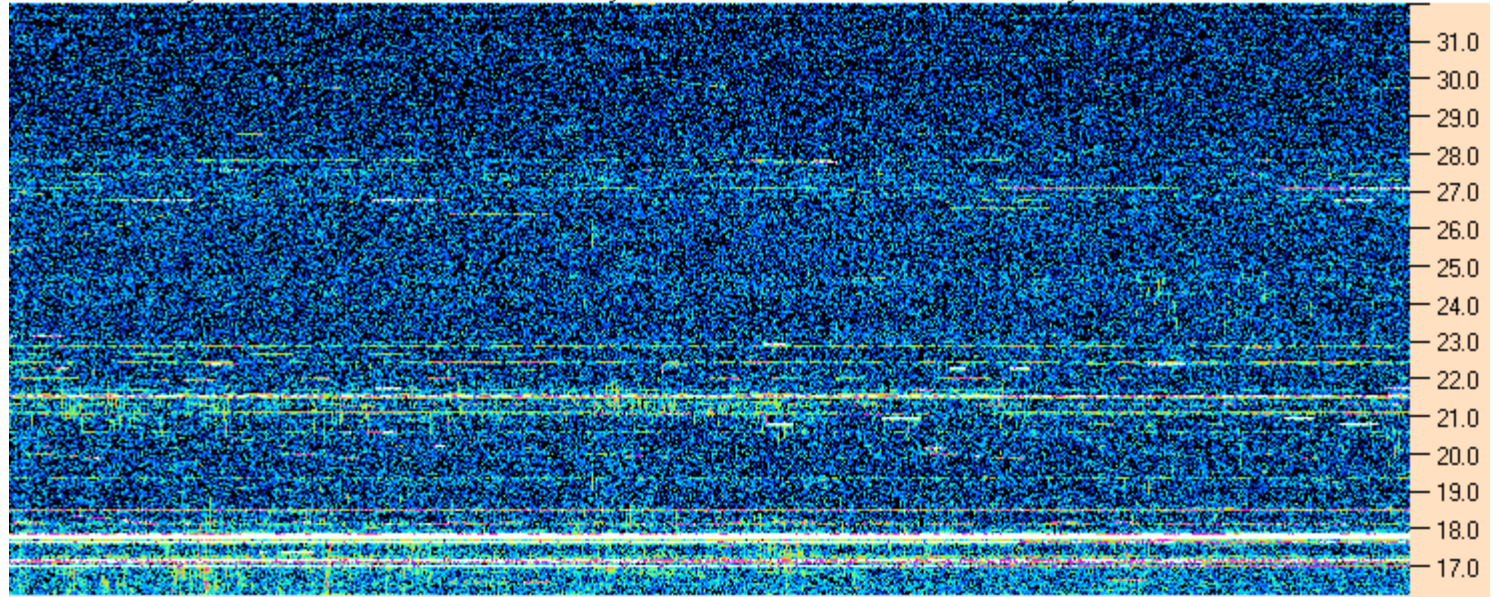
AJ4CO Observatory 22 Dec 2015 - DPS 30 kHz IF on TFD Array in CP Mode - RCP MC +13 dB Correction Array 2014 12 18 B.csv Offset 2075 Gain 3.0



AJ4CO Observatory 22 Dec 2015 - DPS 30 kHz IF on TFD Array in CP Mode - LCP MC +13 dB Correction Array 2014 12 18 B.csv Offset 2075 Gain 3.0

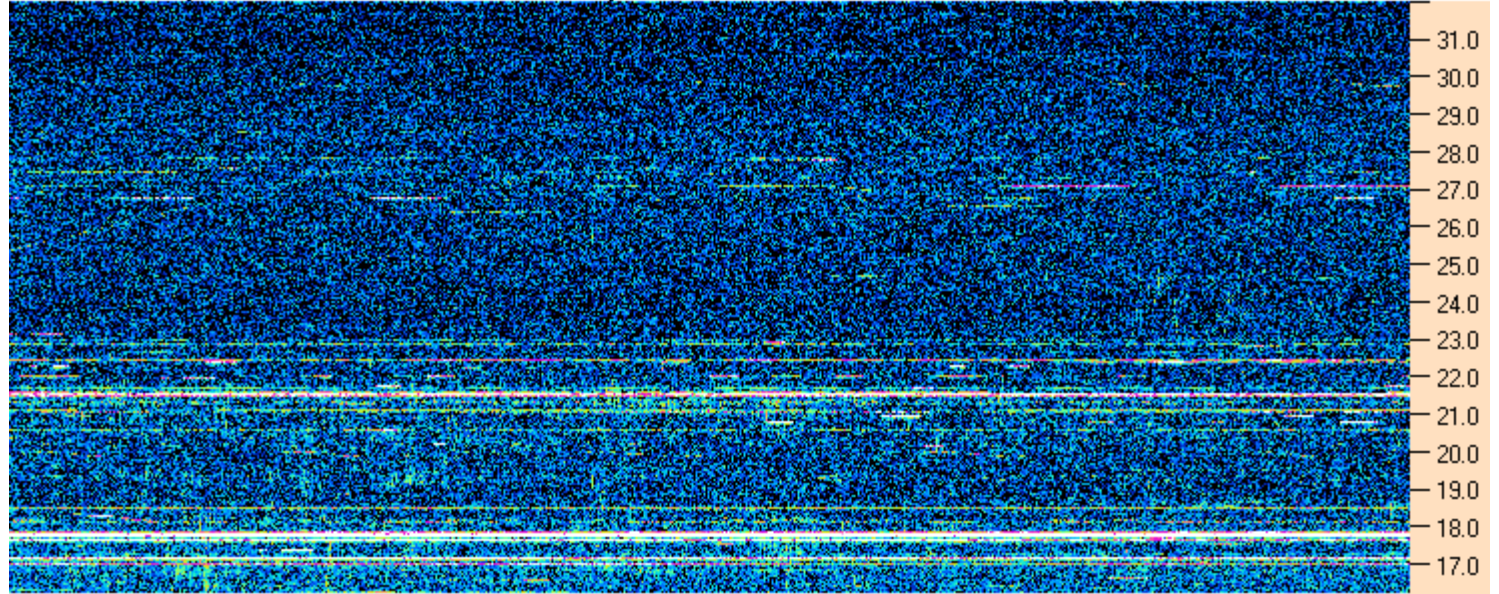


AJ4CO Observatory 22 Dec 2015 - DPS 30 kHz IF on TFD Array in CP Mode - RCP MC +13 dB Correction Array 2014 12 18 B.csv Offset 2125 Gain 5.0



13:18:43 13:18:59 13:19:15 13:19:30 13:19:46 13:20:02 13:20:17 13:20:33

AJ4CO Observatory 22 Dec 2015 - DPS 30 kHz IF on TFD Array in CP Mode - LCP MC +13 dB Correction Array 2014 12 18 B.csv Offset 2125 Gain 5.0



AJ4CO Observatory 22 Dec 2015 - TWB 2 MHz IF on TFD Array in CP Mode - RCP MC +13 dB No Correction Array Offset 1045 Gain 7.0

