

Subject: [radiojove-data] 23 Dec 2013 Io-B

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Date: 12/24/2013 16:41

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

Once again adding to Tom's & Wes's nice reports, here's more of the Sunday night Io-B jamboree.

Emission consisted of primarily L bursts visible from 17 to 33 MHz, from 0800 to 0950 UTC.

From 0910 to 0950, there was a period of S bursting, primarily from 24 to 28 MHz, but went as high as 32 MHz.

This was a very strong event, coming close to 2 MK in the Jove receivers on the TFD array -- about 10 dB hotter than previous storms this season.

This storm exhibited very pronounced modulation lanes with positive and negative drift rates, often simultaneously.

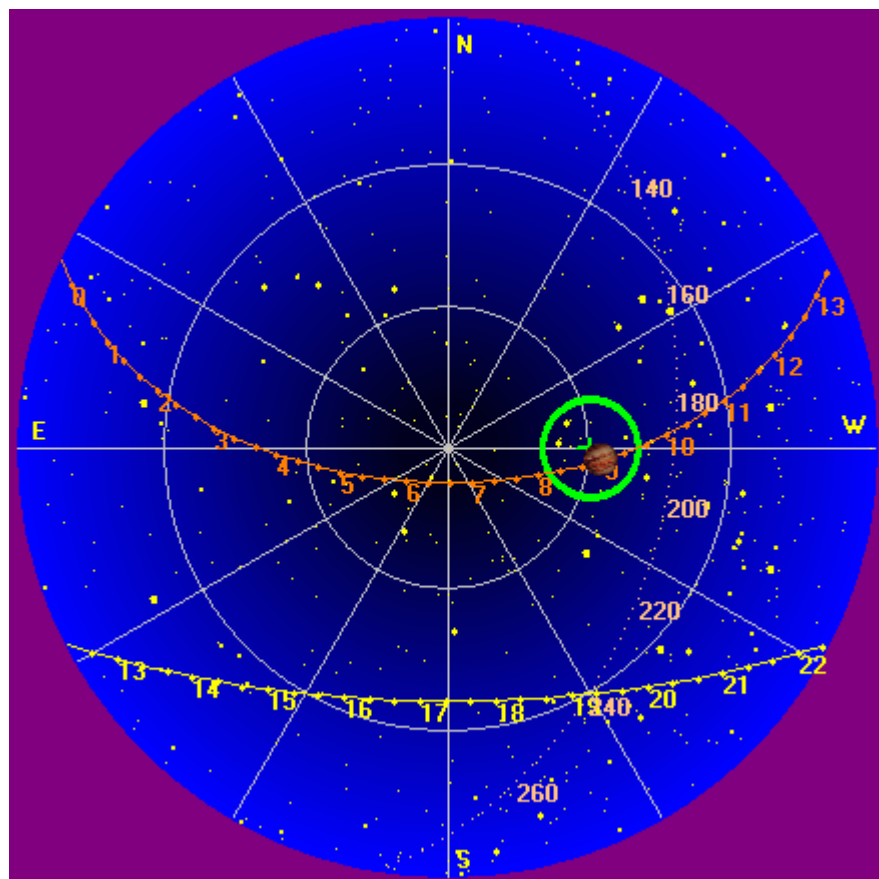
Jupiter was off axis from 3° to 12°.

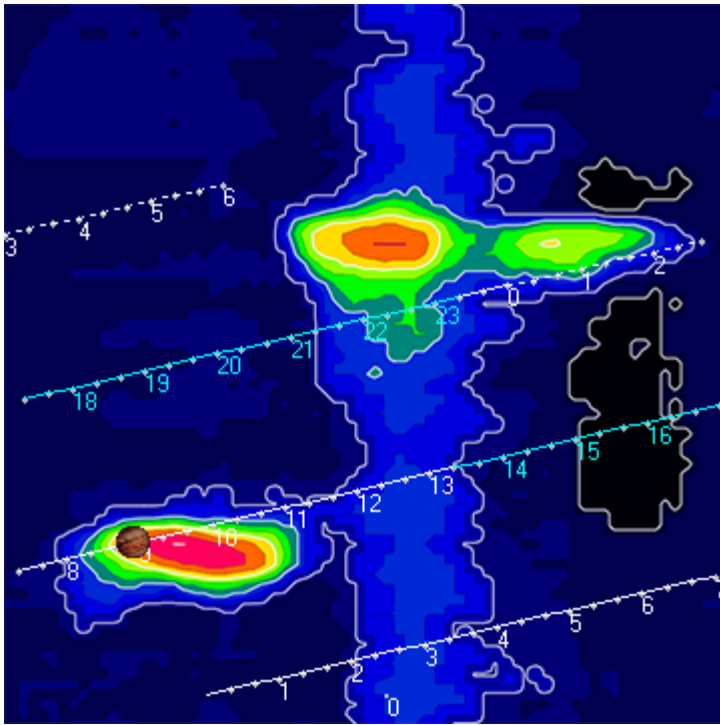
Jupiter was leading the Sun by 164°.

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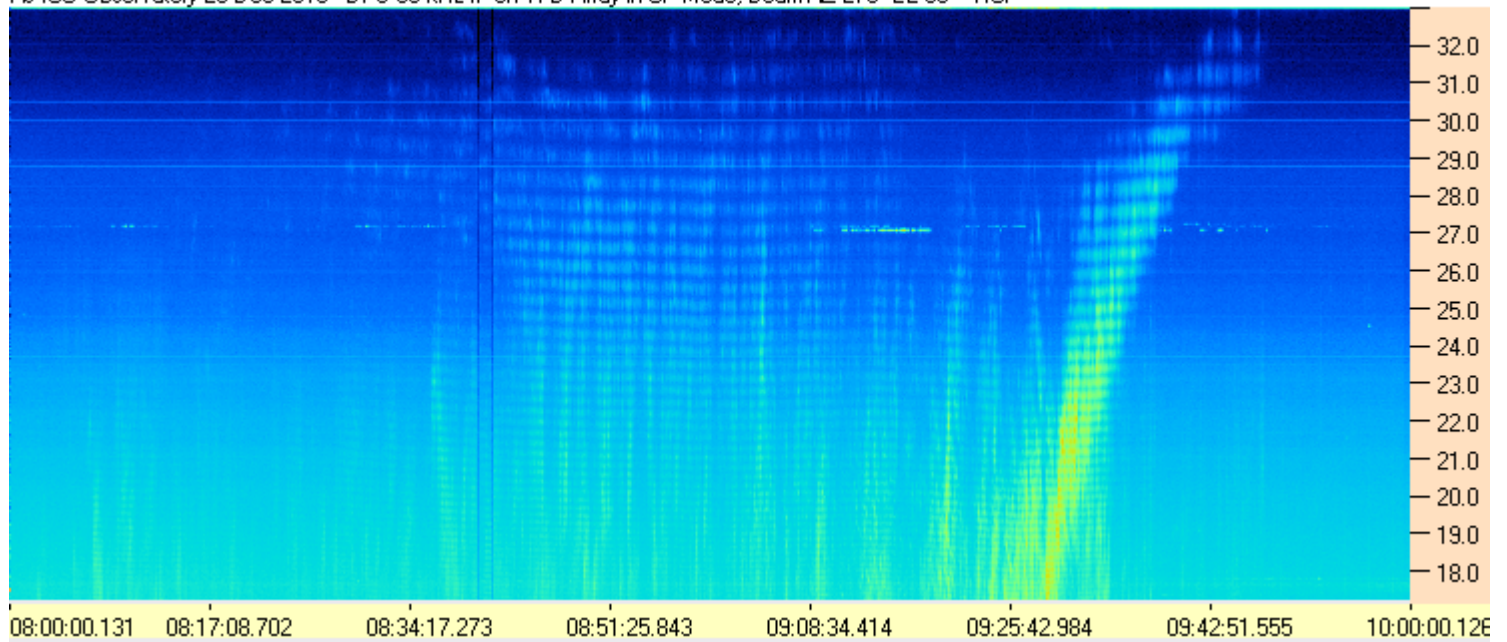
Dave

AJ4CO Observatory, 23 Dec 2013

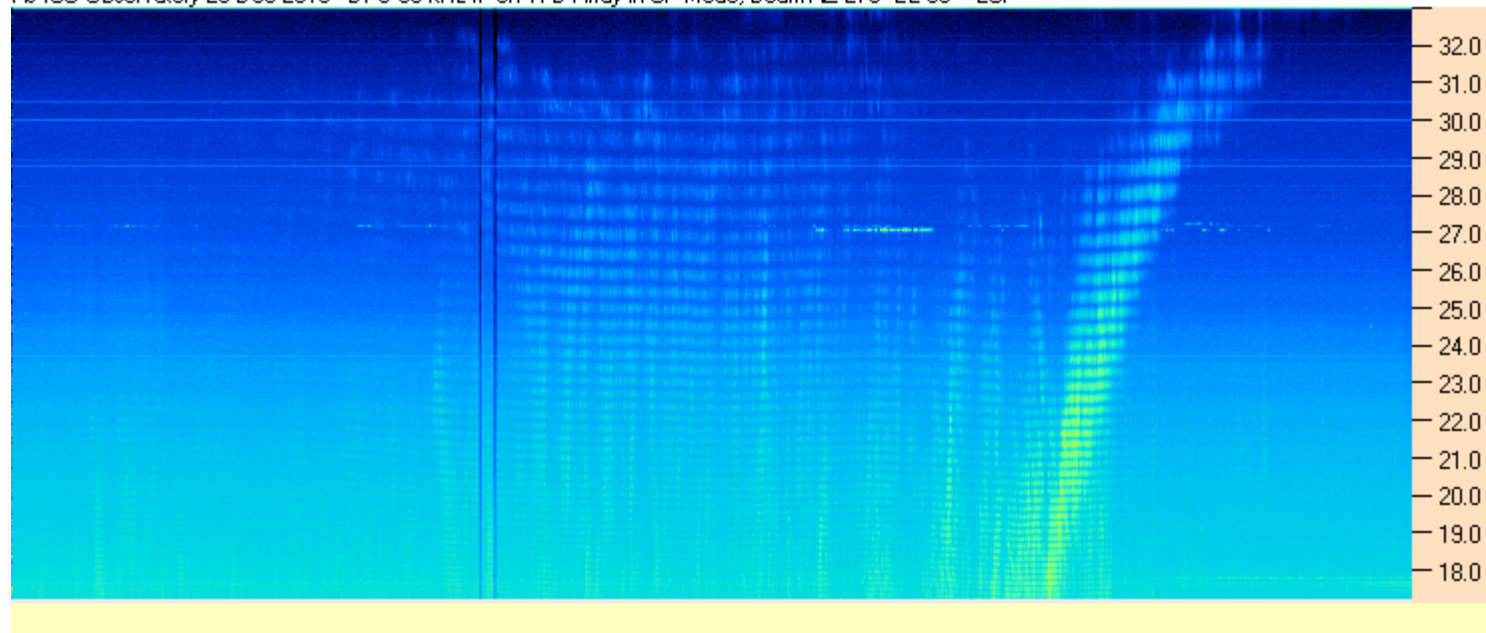




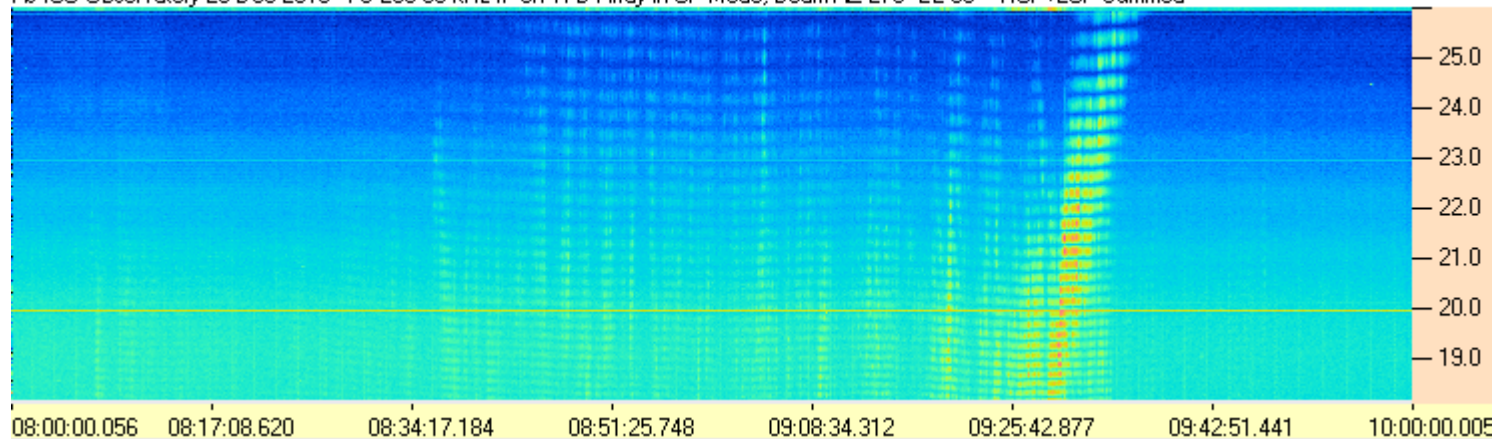
AJ4CO Observatory 23 Dec 2013 - DPS 60 kHz IF on TFD Array in CP Mode, Beam AZ 270° EL 60° - RCP

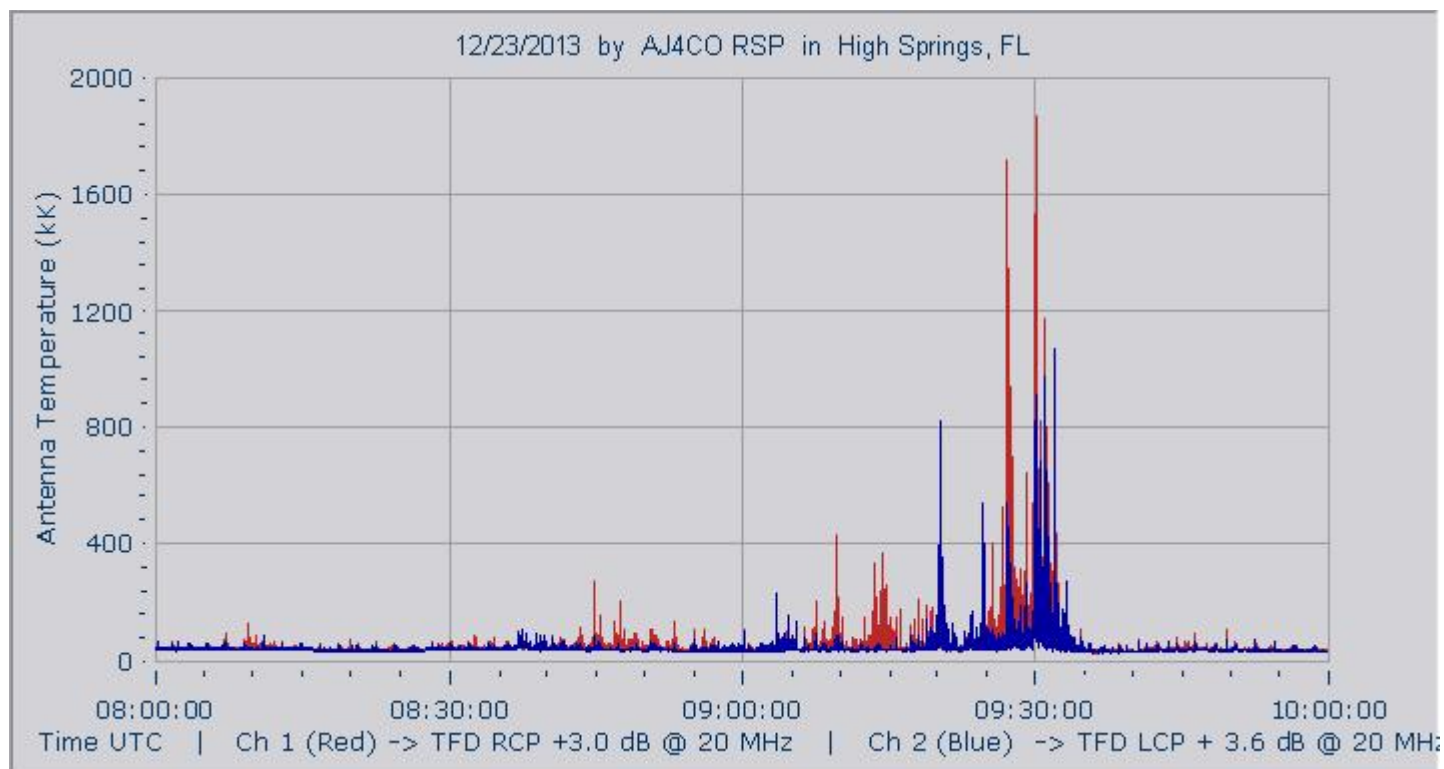


AJ4CO Observatory 23 Dec 2013 - DPS 60 kHz IF on TFD Array in CP Mode, Beam AZ 270° EL 60° - LCP

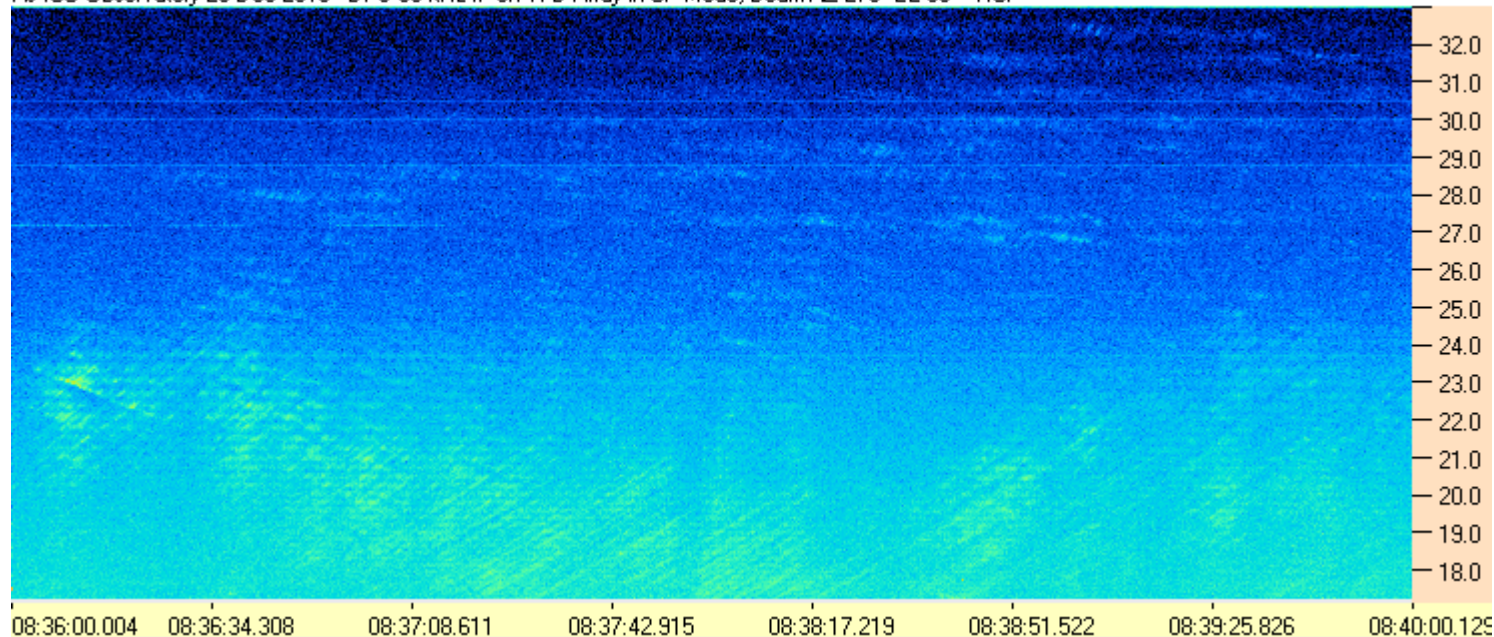


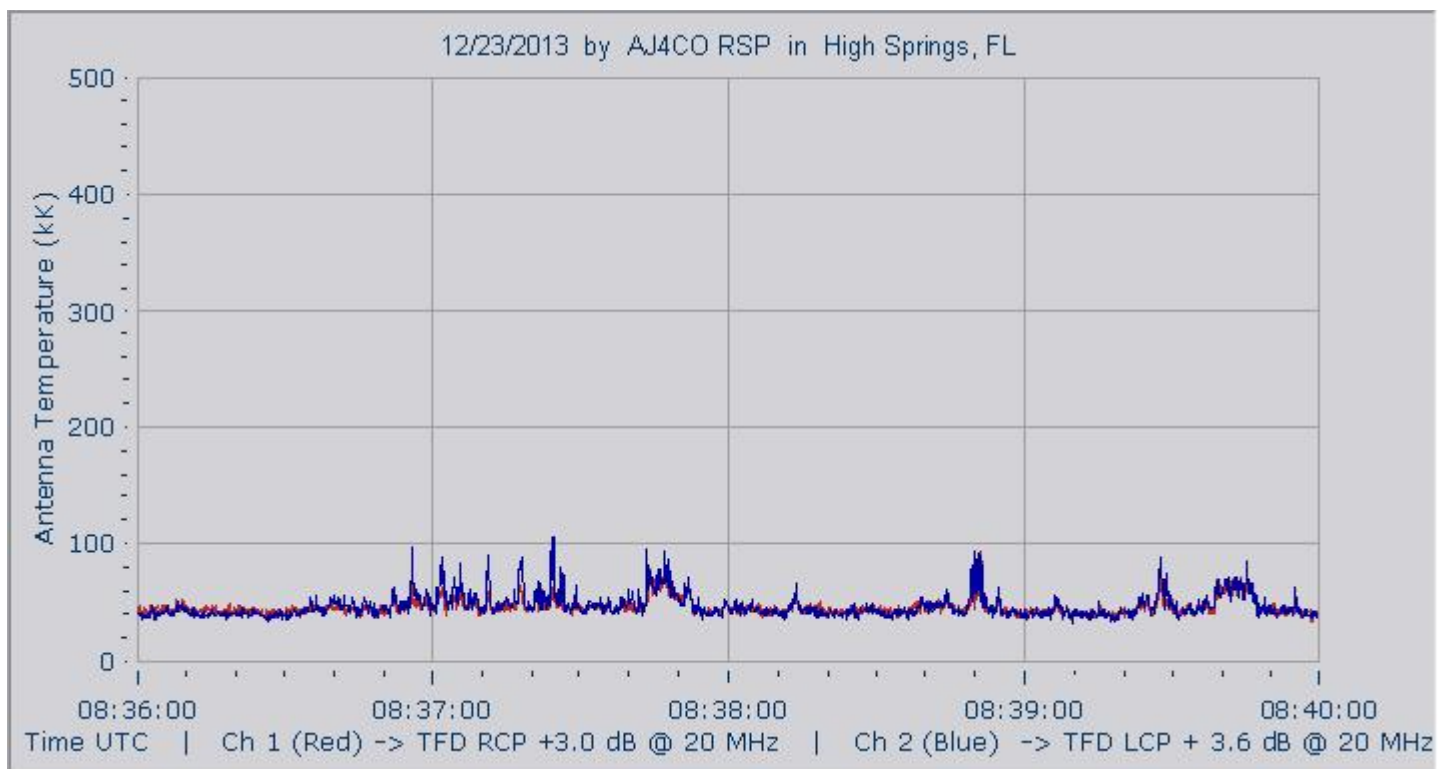
AJ4CO Observatory 23 Dec 2013 - FS-200 30 kHz IF on TFD Array in CP Mode, Beam AZ 270° EL 60° - RCP+LCP Summed



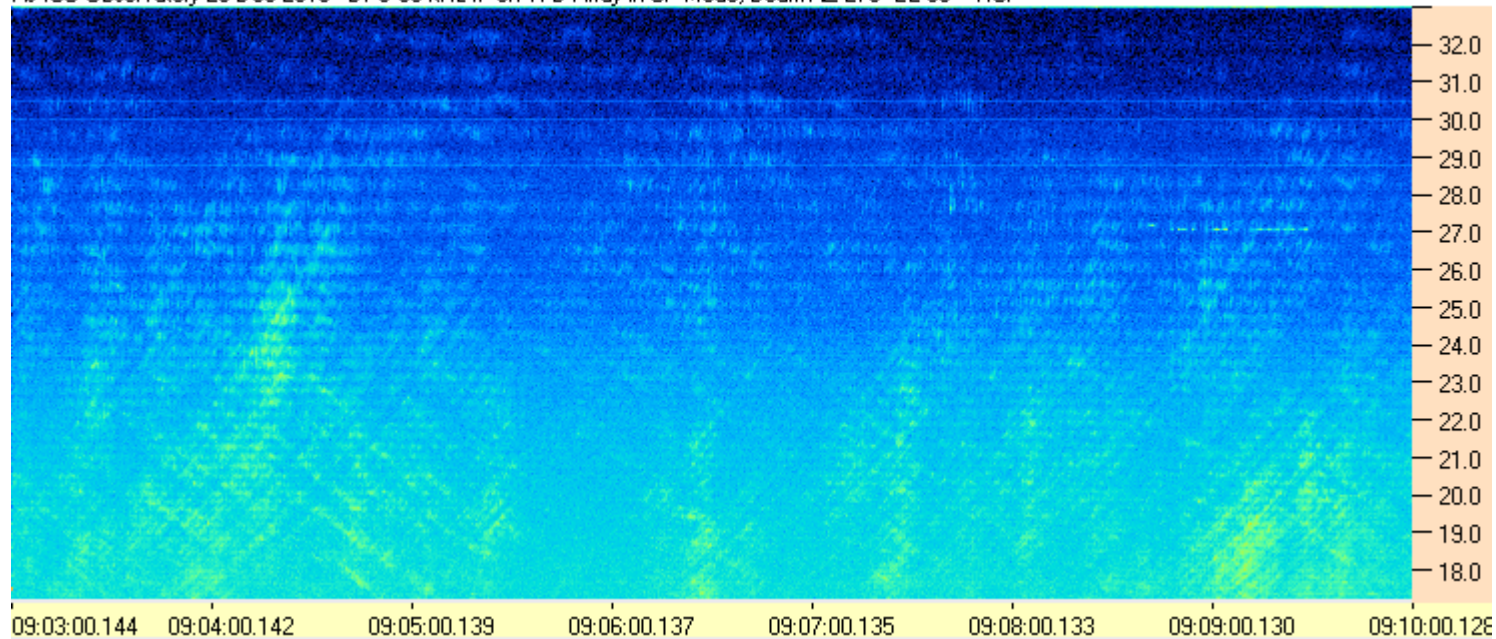


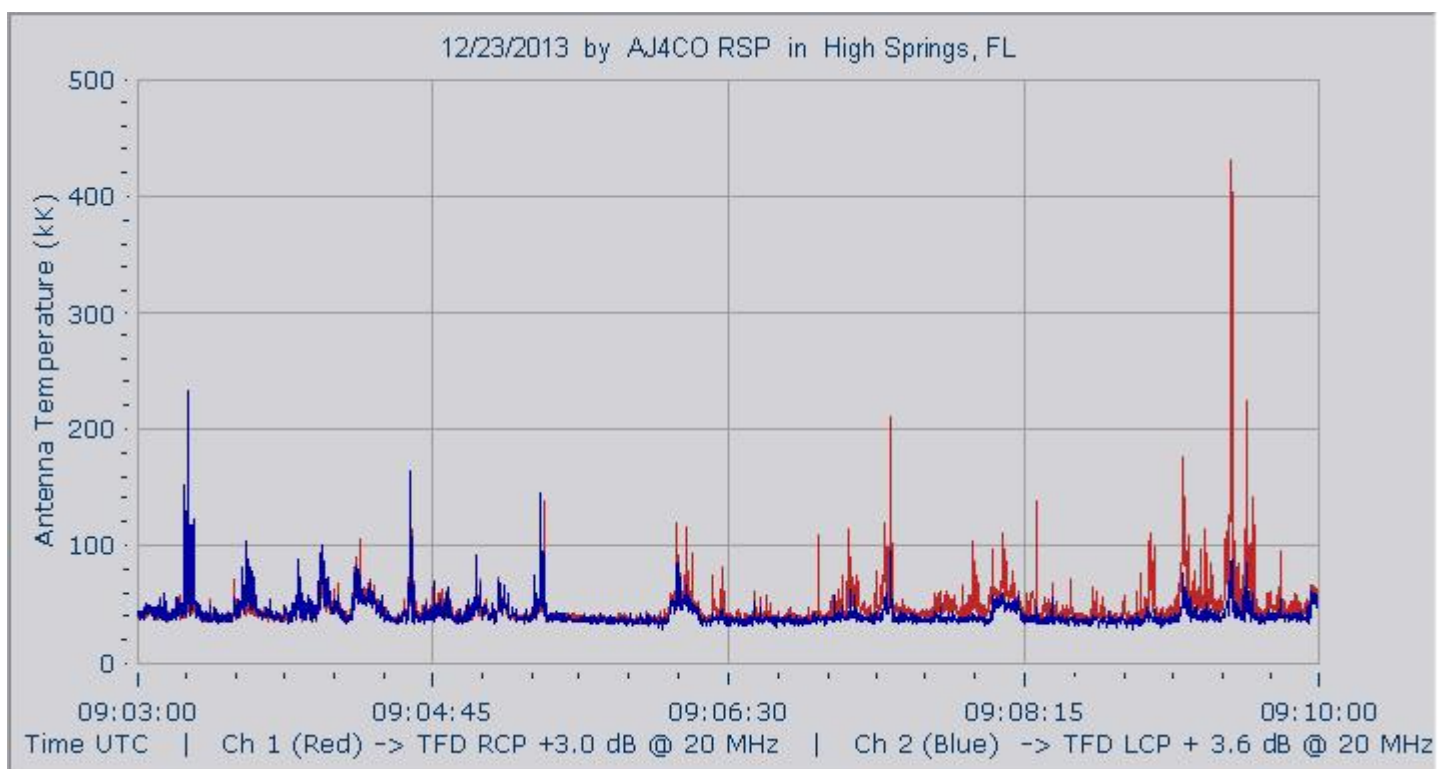
AJ4CO Observatory 23 Dec 2013 - DPS 60 kHz IF on TFD Array in CP Mode, Beam AZ 270° EL 60° - RCP



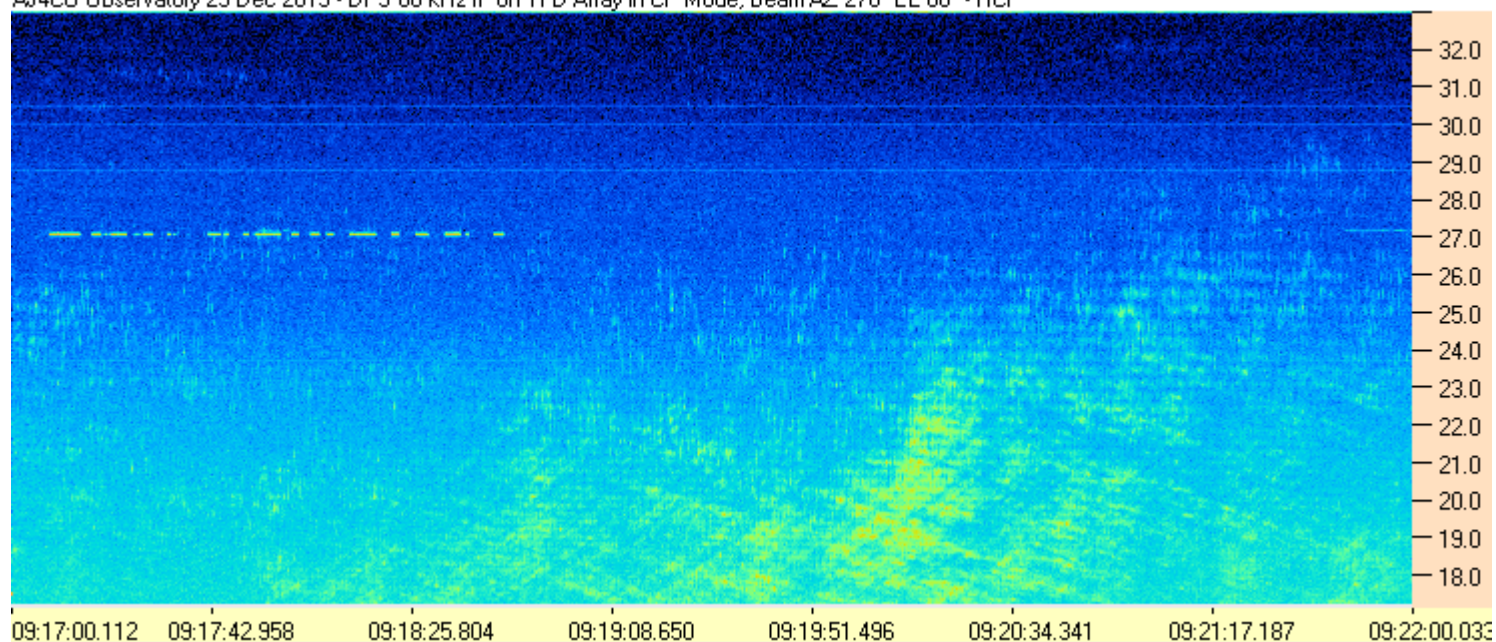


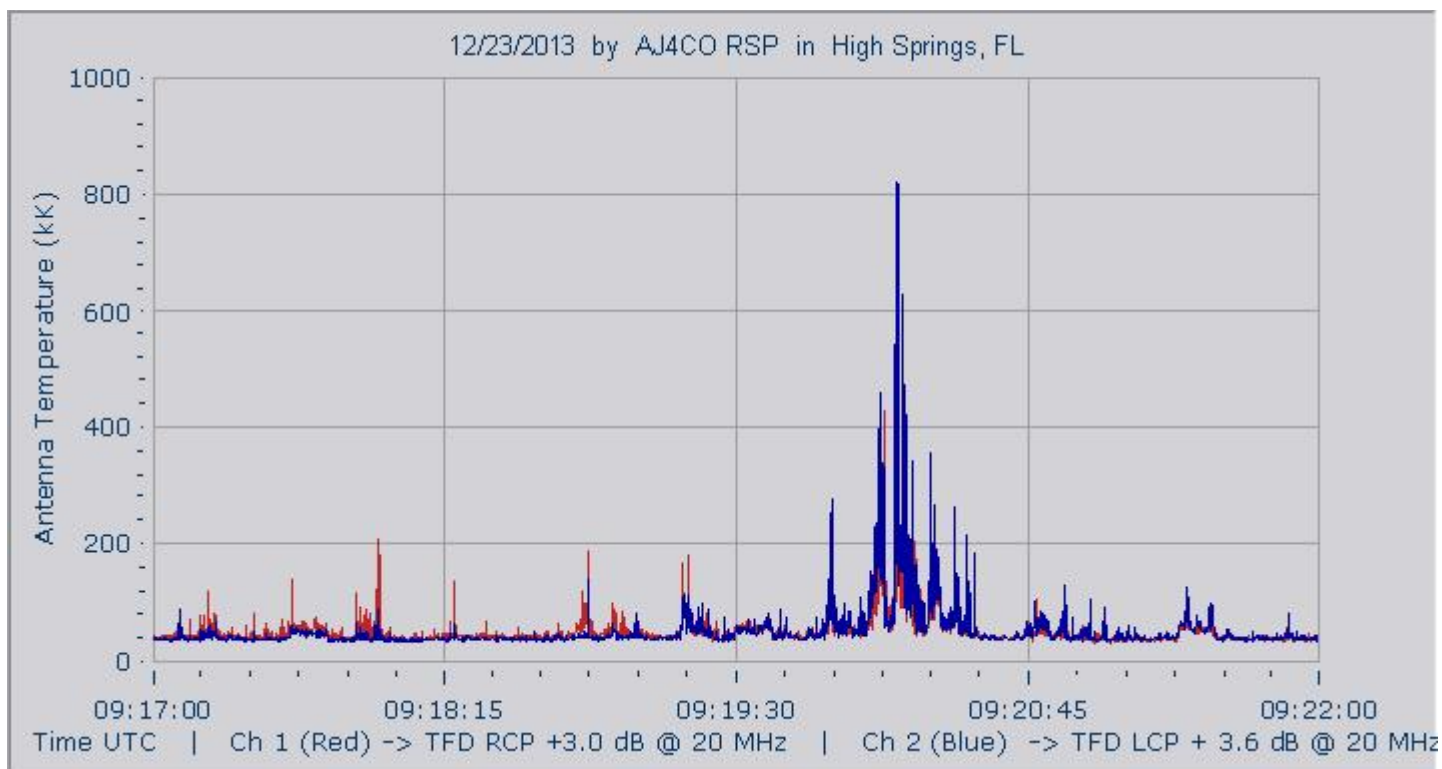
AJ4CO Observatory 23 Dec 2013 - DPS 60 kHz IF on TFD Array in CP Mode, Beam AZ 270° EL 60° - RCP



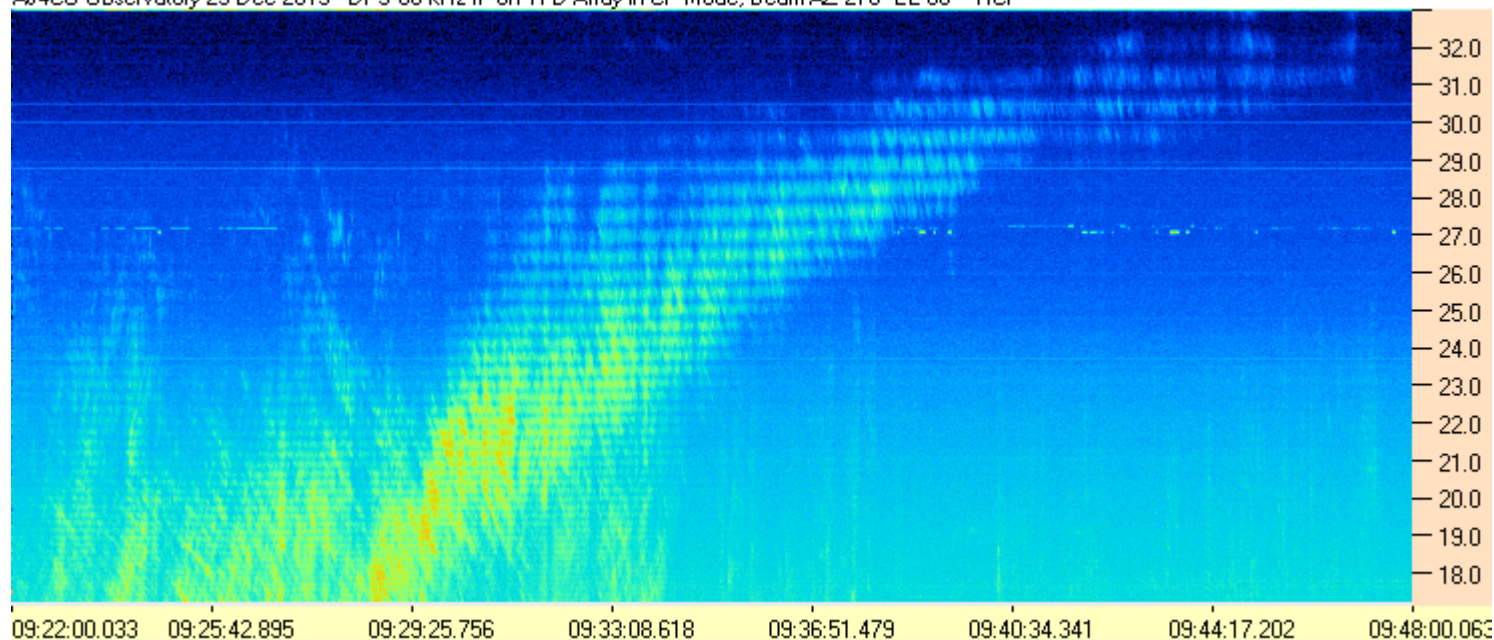


AJ4CO Observatory 23 Dec 2013 - DPS 60 kHz IF on TFD Array in CP Mode, Beam AZ 270° EL 60° - RCP

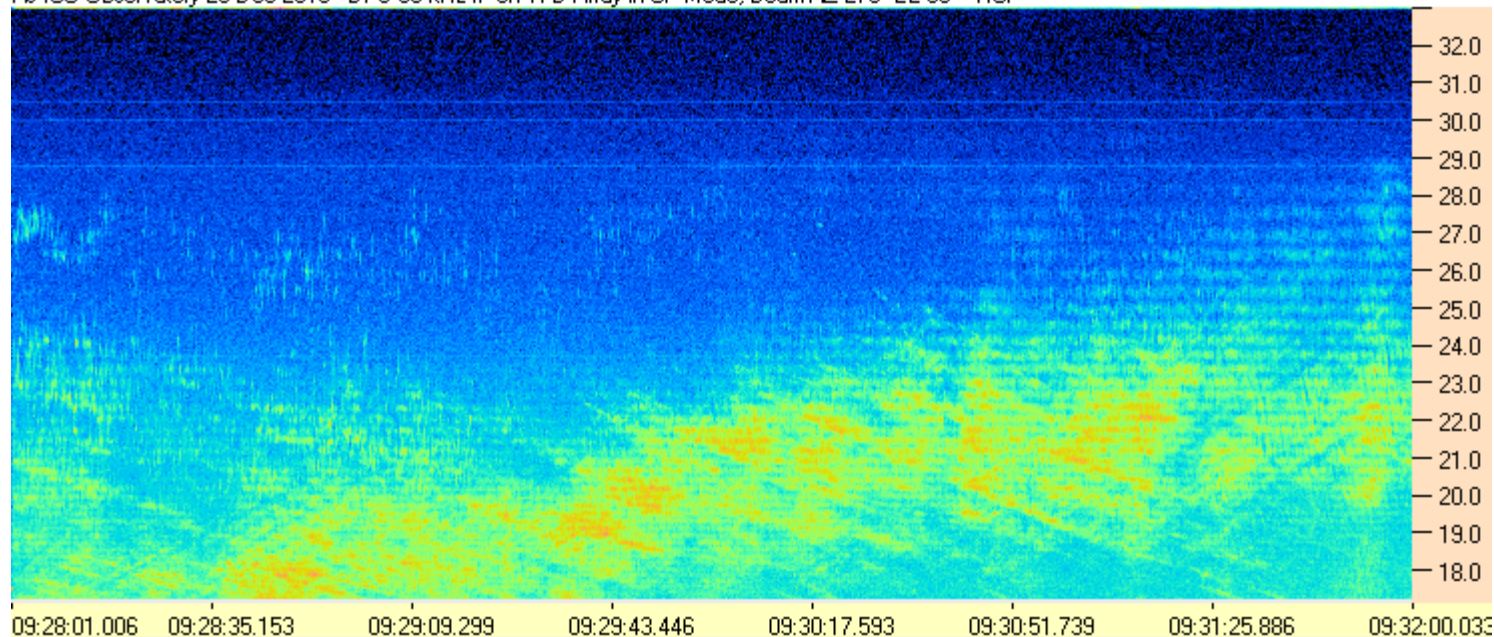




AJ4CO Observatory 23 Dec 2013 - DPS 60 kHz IF on TFD Array in CP Mode, Beam AZ 270° EL 60° - RCP



AJ4CO Observatory 23 Dec 2013 - DPS 60 kHz IF on TFD Array in CP Mode, Beam AZ 270° EL 60° - RCP



AJ4CO Observatory 23 Dec 2013 - FS-200 30 kHz IF on TFD Array in CP Mode, Beam AZ 270° EL 60° - RCP+LCP Summed

