

Subject: [radiojove-data] 03 Dec 2014 non-Io-A -- LCP oddity

From: Dave Typinski <davetyp@typnet.net>

Date: 12/03/2014 22:34

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

Adding to Tom & Jim & Wes & Mia's nice reports, here's some more non-Io-A from Wednesday morning.

This one is something you don't exactly see every day. Or hardly ever, for that matter.

There were two modes of emission: RCP like normal for non-Io-A, but with some much stronger LCP right in the middle. That doesn't usually happen.

Wes, were you running your polarimeter at this time?

Generally weak RCP dominant L bursting observed from 16 to 22 MHz. Weak positive drift modulation lanes visible circa 1040 UTC.

Rather stronger LCP dominant L bursting observed from 17 to 24 MHz. Weak negative drift modulation lanes visible circa 1024 UTC.

Jupiter was -7° to $+12^\circ$ off axis for RCP and -1° to $+3^\circ$ off axis for LCP. Can't blame this one on Jupiter being off axis.

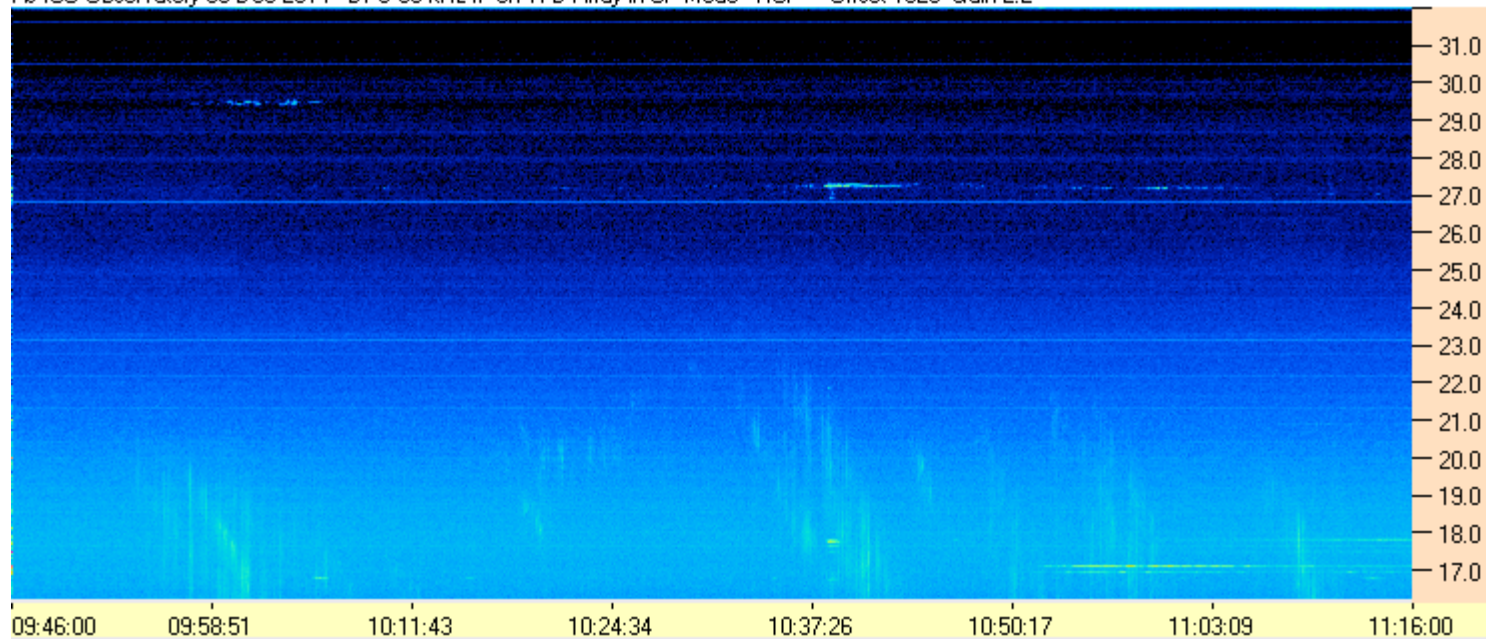
Jupiter was leading the Sun by 109° .

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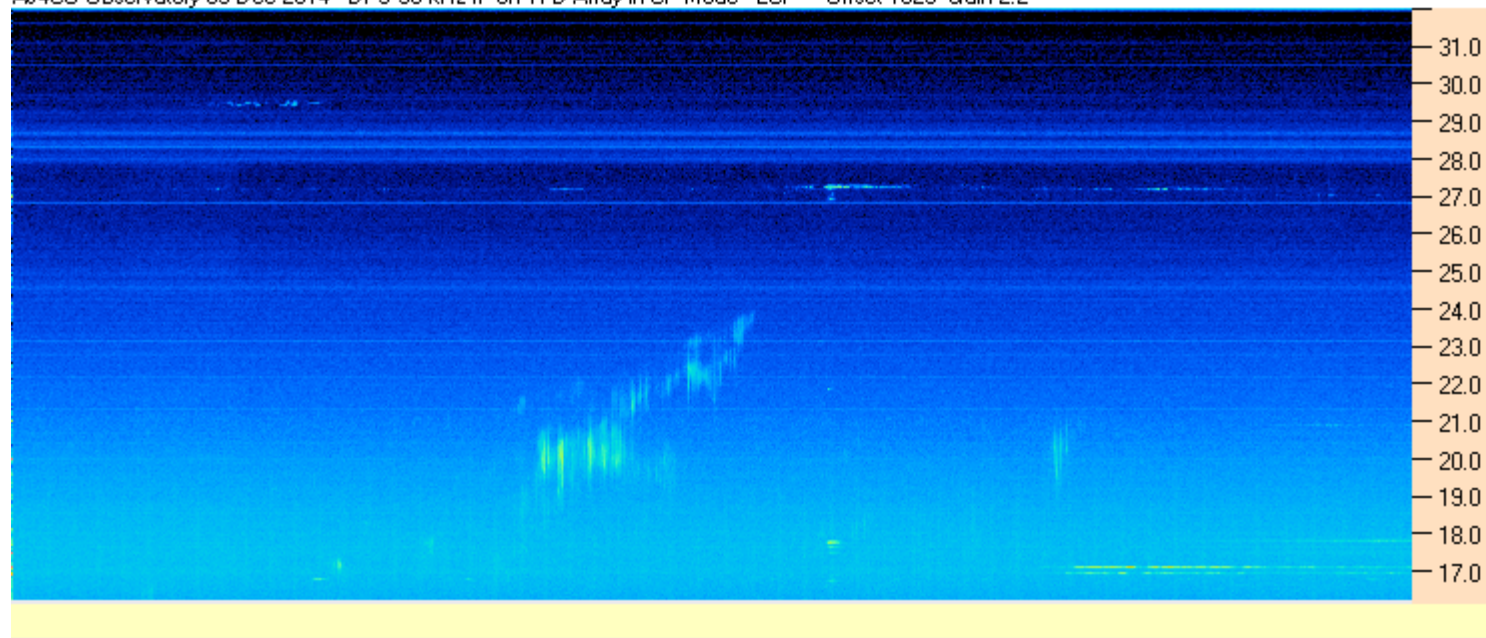
Dave

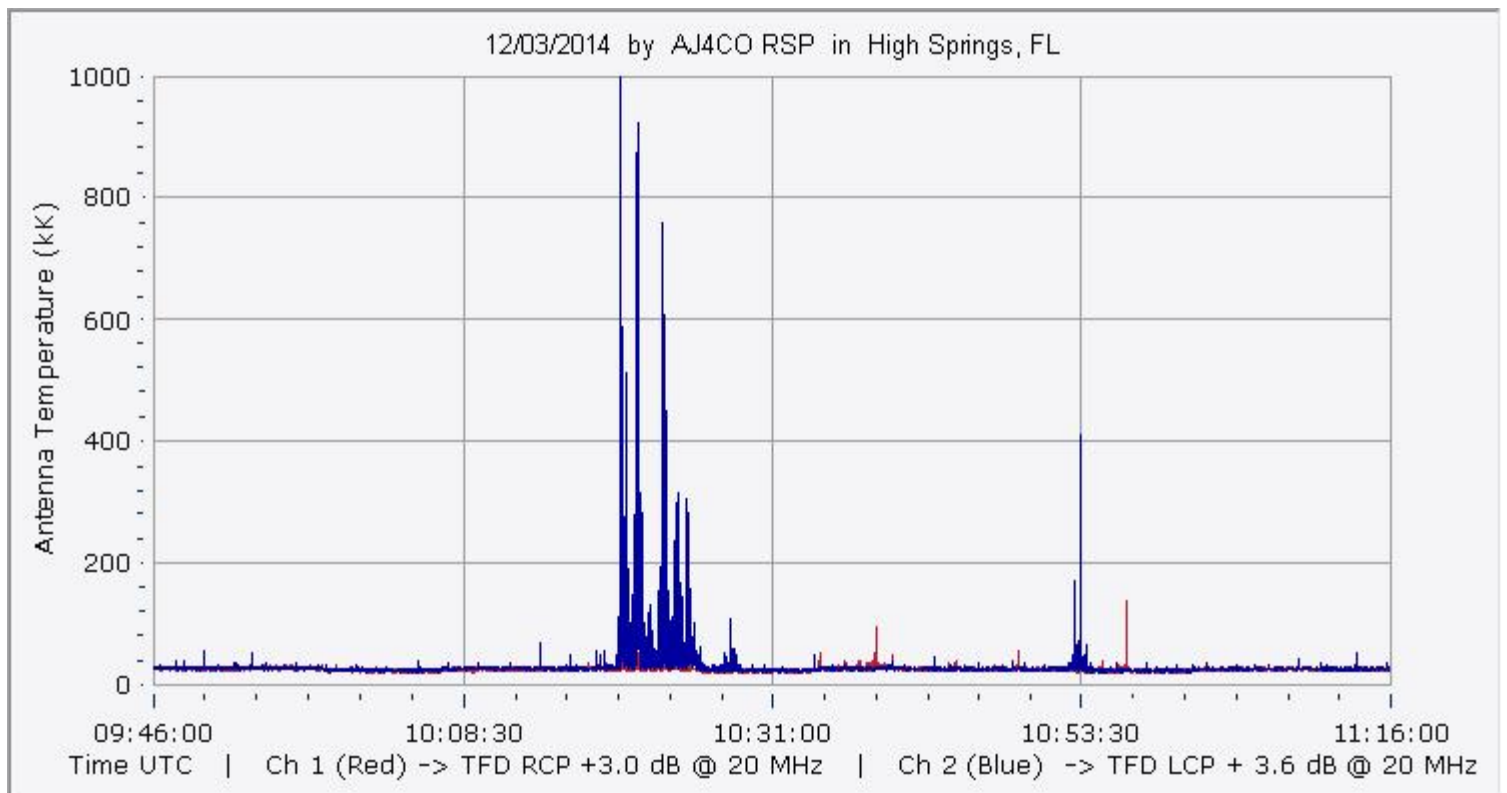
AJ4CO Observatory 03 Dec 2014, log entry 218 & 219

AJ4CO Observatory 03 Dec 2014 - DPS 30 kHz IF on TFD Array in CP Mode - RCP Offset 1825 Gain 2.2

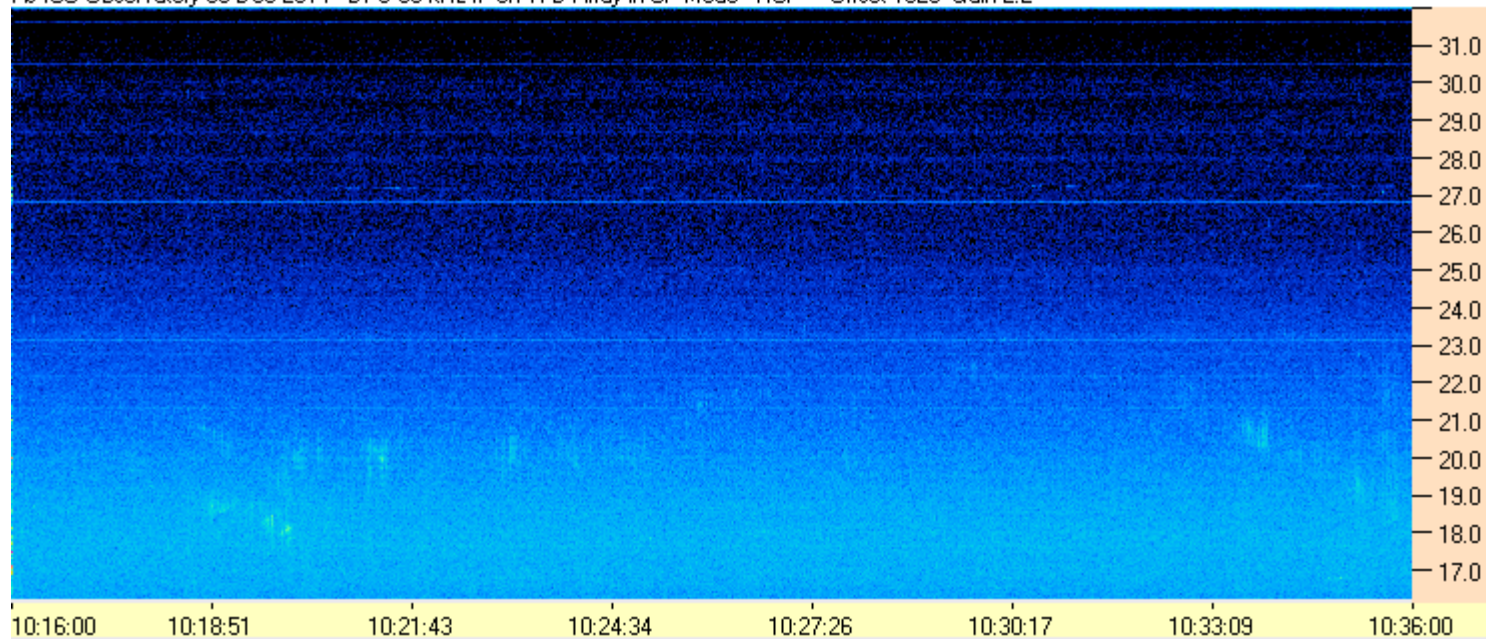


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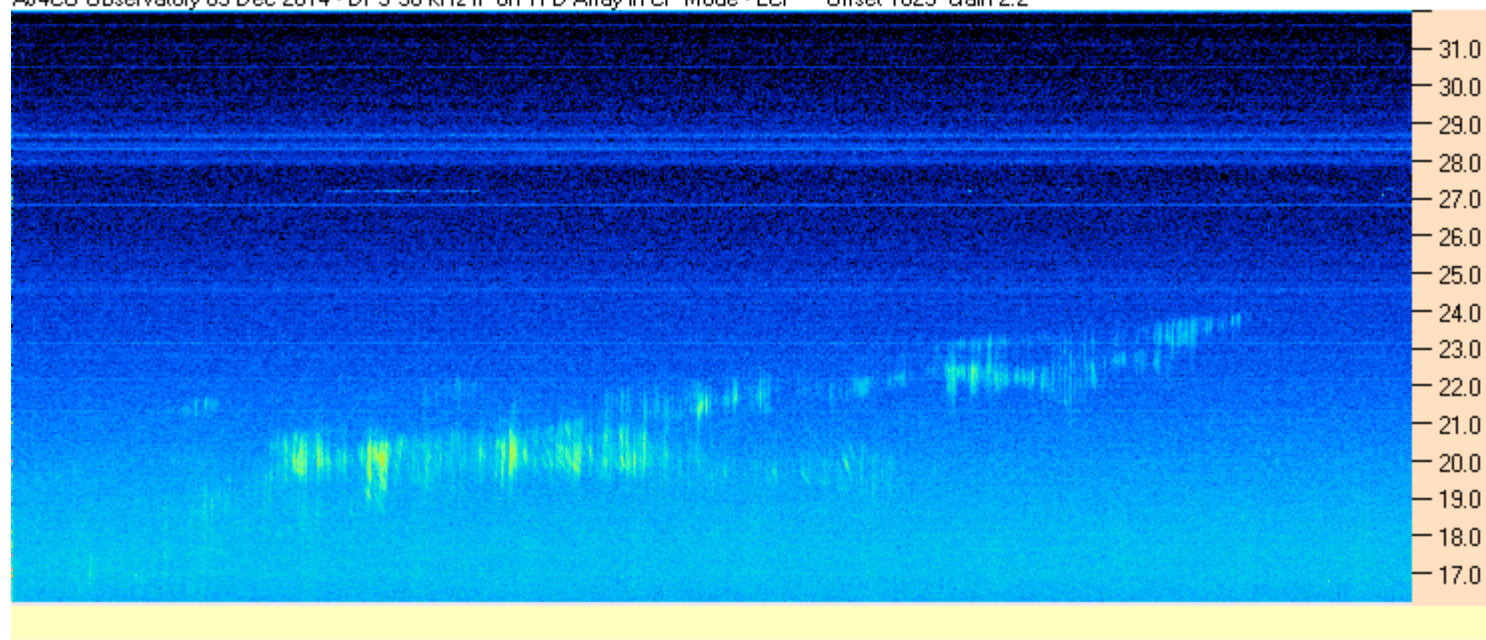


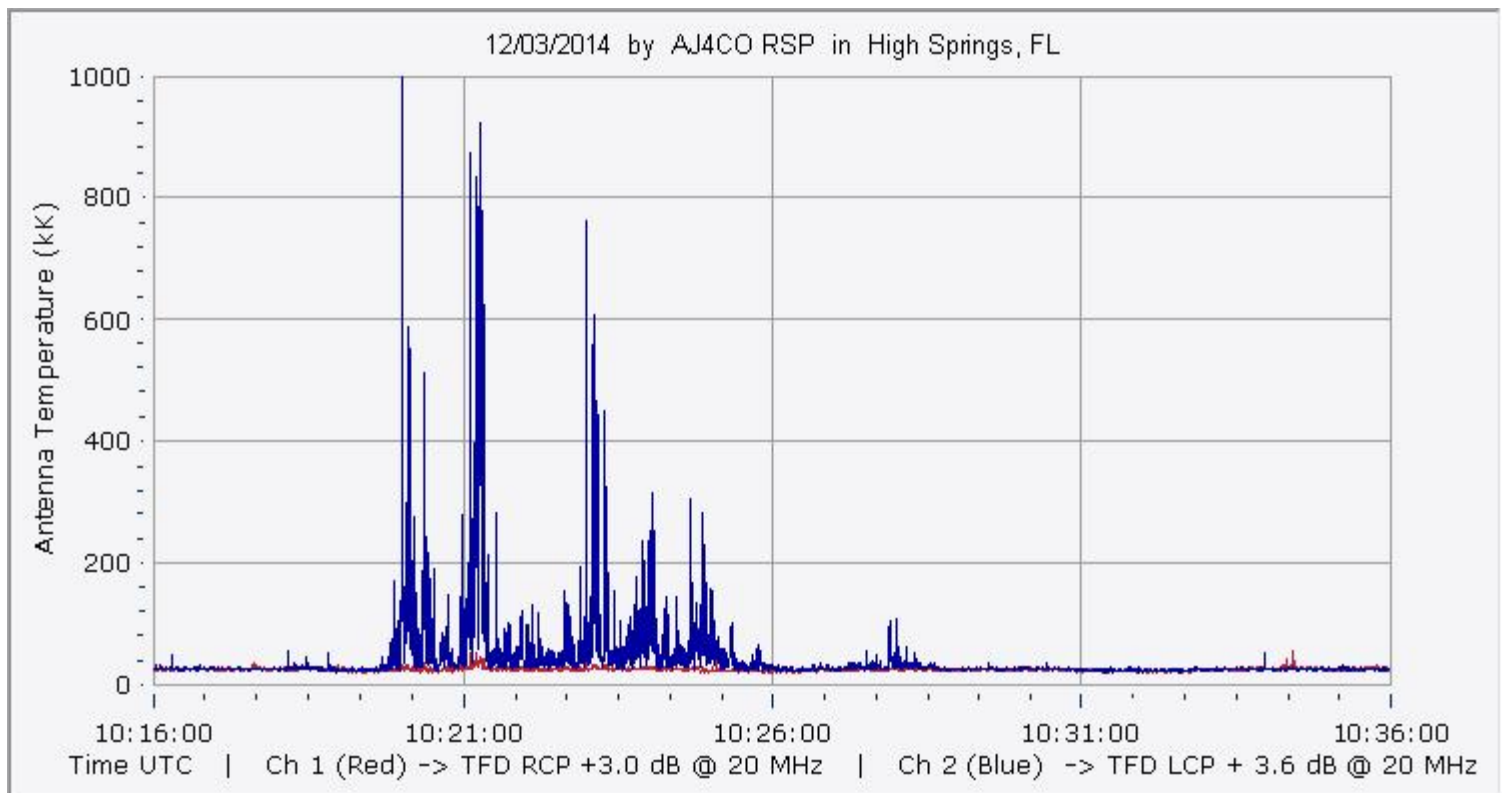


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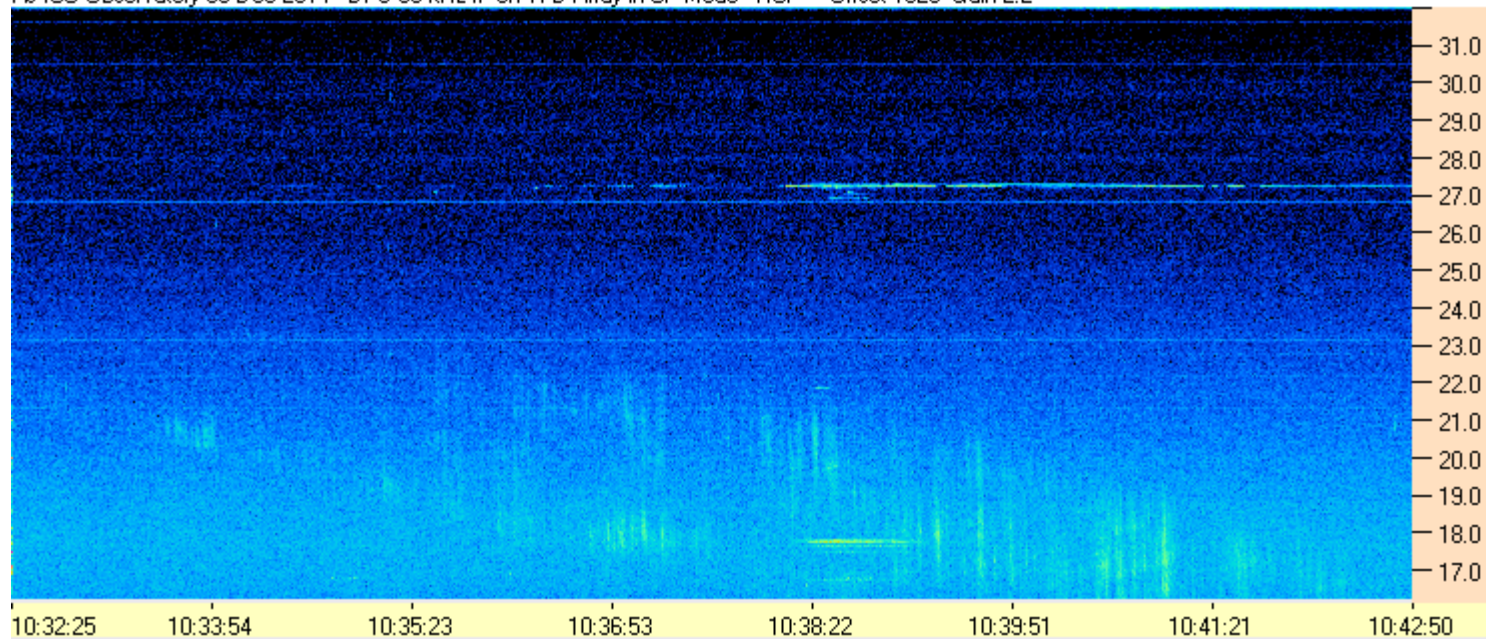


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