

Subject: [radiojove-data] 08 Feb 2016 Io-D and non-Io-A/B/C

From: Dave Typinski <davetyp@typnet.net>

Date: 02/10/2016 00:50

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

Adding to Jim Sky's nice heads-up and Tom's nice report, here's some non-Io-Everything and some Io-D from Monday morning.

A quite active night -- emission across 215° worth of CML-III and 89° of sky. Nice Io-D emission towards the end. Tom, you captured this Io-D nicely.

RCP dominant L bursting 0435-0501 UTC from 16 to 23 MHz, positive drift emission envelope (late non-Io-B).

LCP dominant L bursting 0522-0559 UTC from 16 to 17 MHz, negative drift emission envelope (early non-Io-C).

RCP dominant L bursting 0643-0713 UTC from 16 to 23 MHz, negative drift emission envelope (non-Io-A).

LCP dominant L bursting 0735-0753 UTC from 16 to 22 MHz, negative drift emission envelope (non-Io-C).

LCP dominant L bursting 0909-1030 UTC from 16 to 18 MHz, positive drift emission envelope (Io-D).

Varying levels of weak line noise present throughout the night.

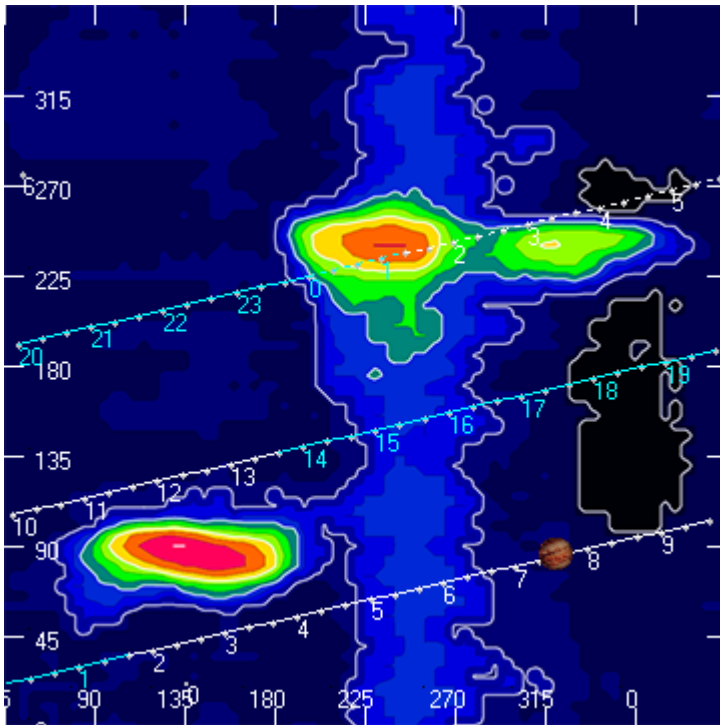
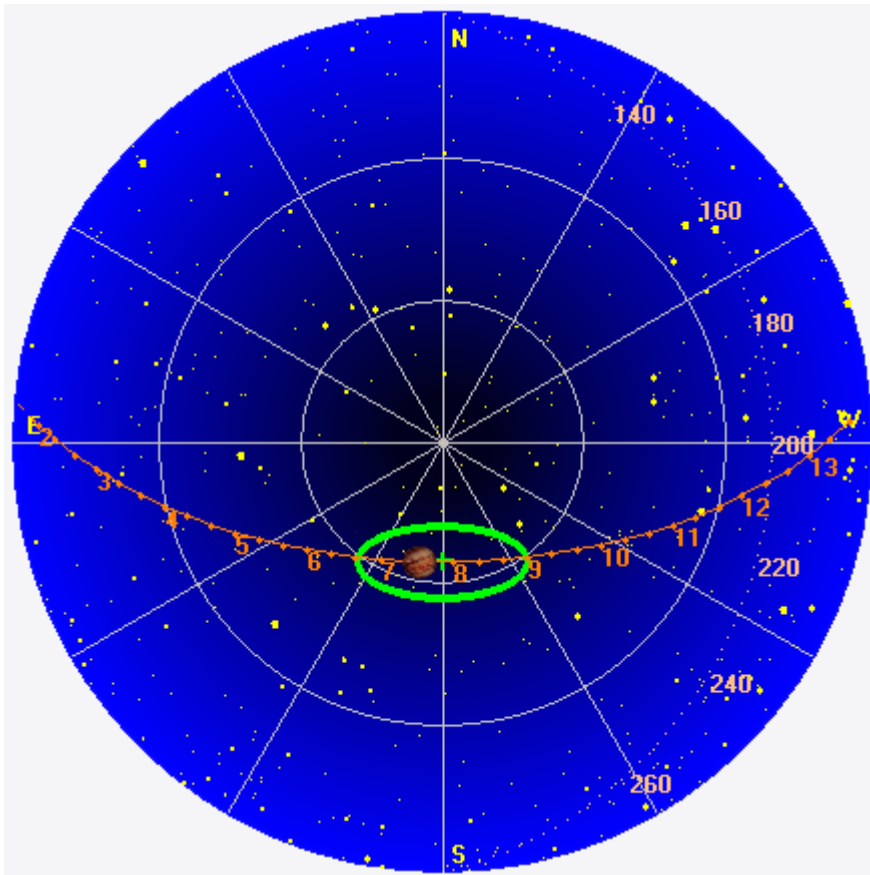
Jupiter was -49° to $+40^\circ$ off axis.

Jupiter was leading the Sun by 147° .

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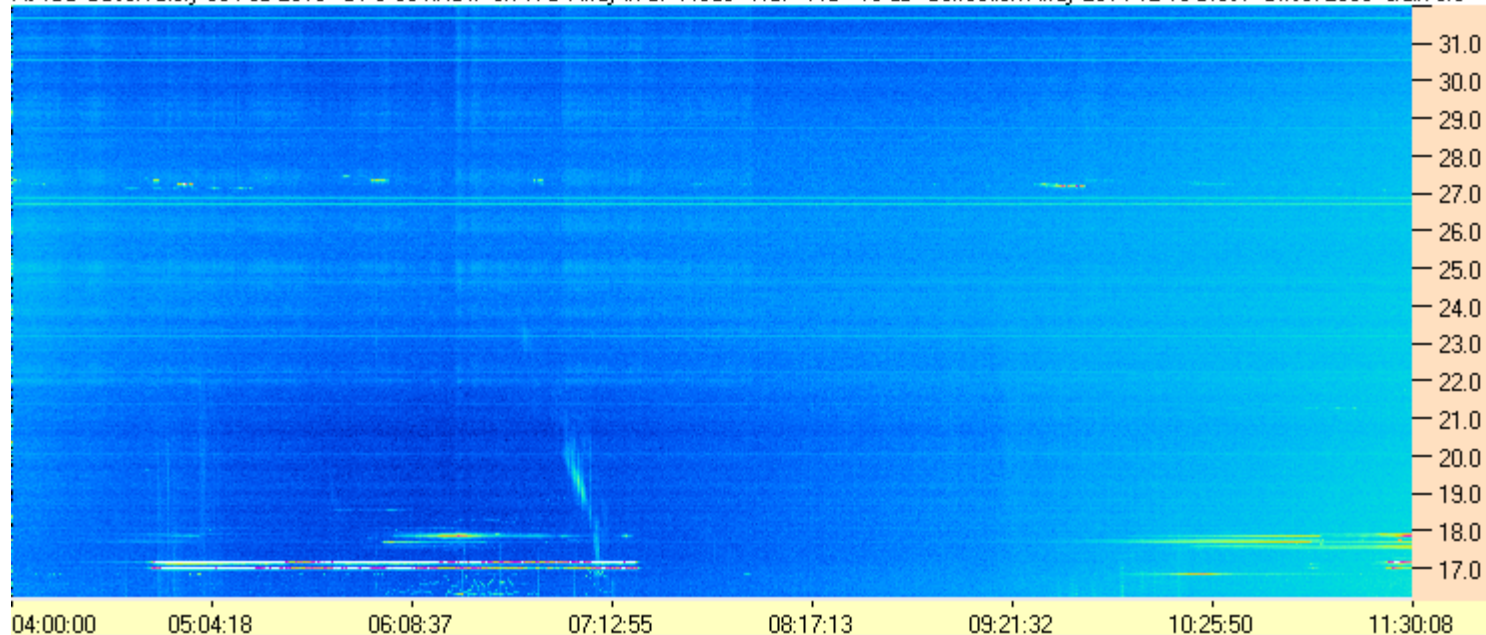
Dave

AJ4CO Observatory 08 Feb 2016, log entry 587 - 591

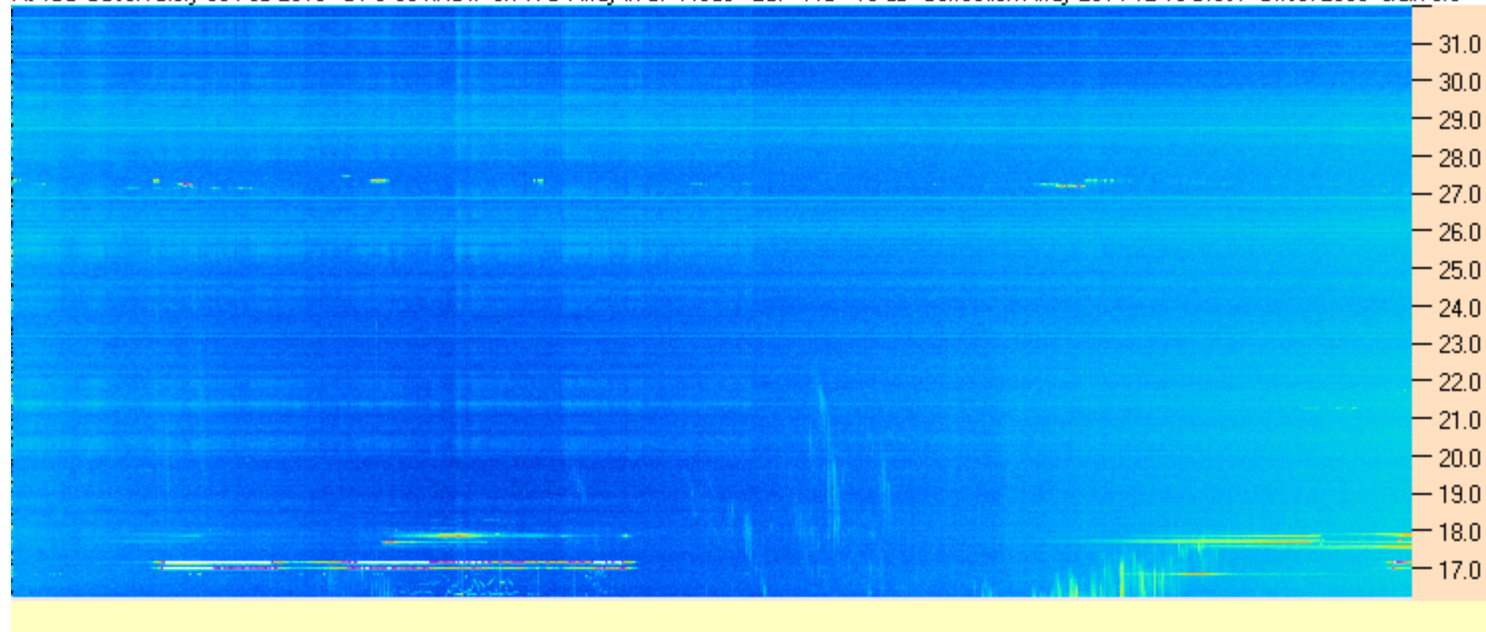


6 hours of emission across 89° of sky and throughout 215° of CML-III

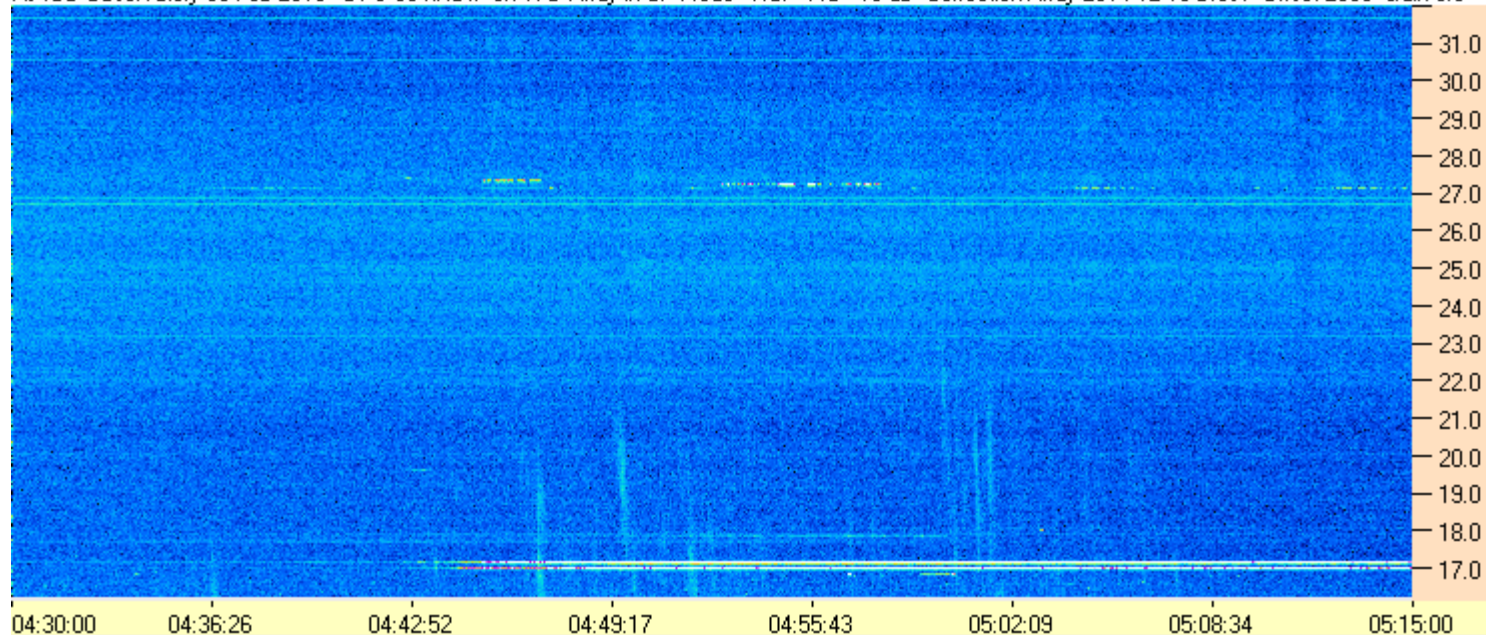
AJ4CO Observatory 08 Feb 2016 - DPS 30 kHz IF on TFD Array in CP Mode - RCP MC +13 dB Correction Array 2014 12 18 B.csv Offset 2050 Gain 5.0



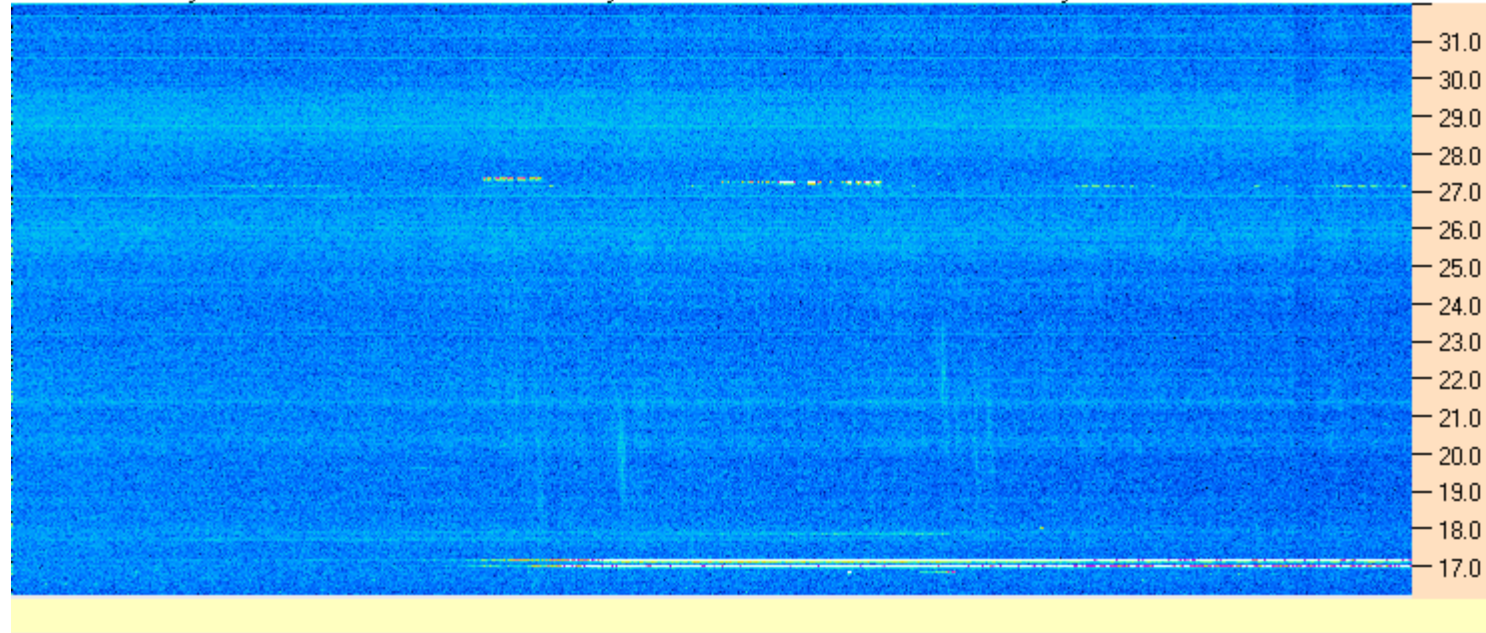
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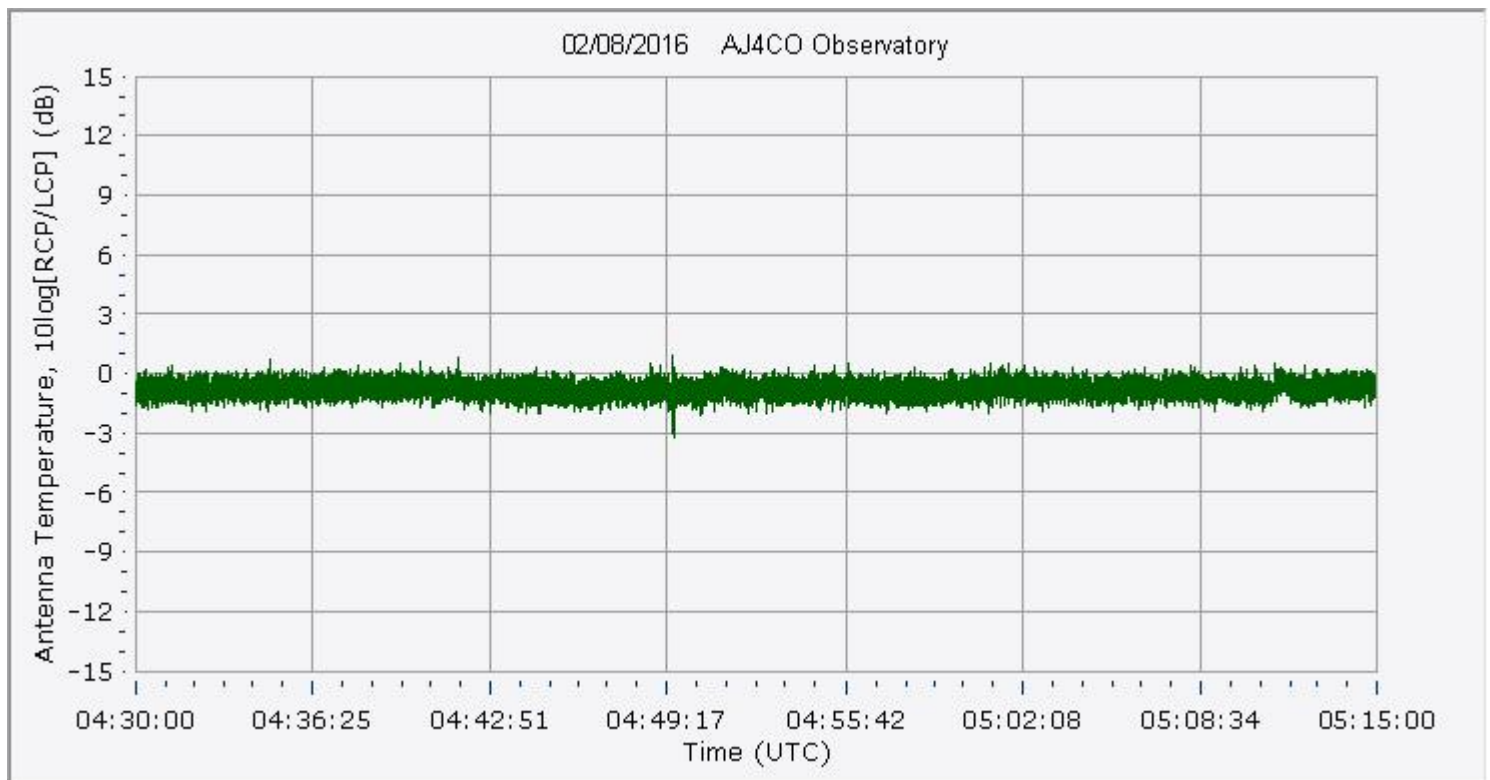
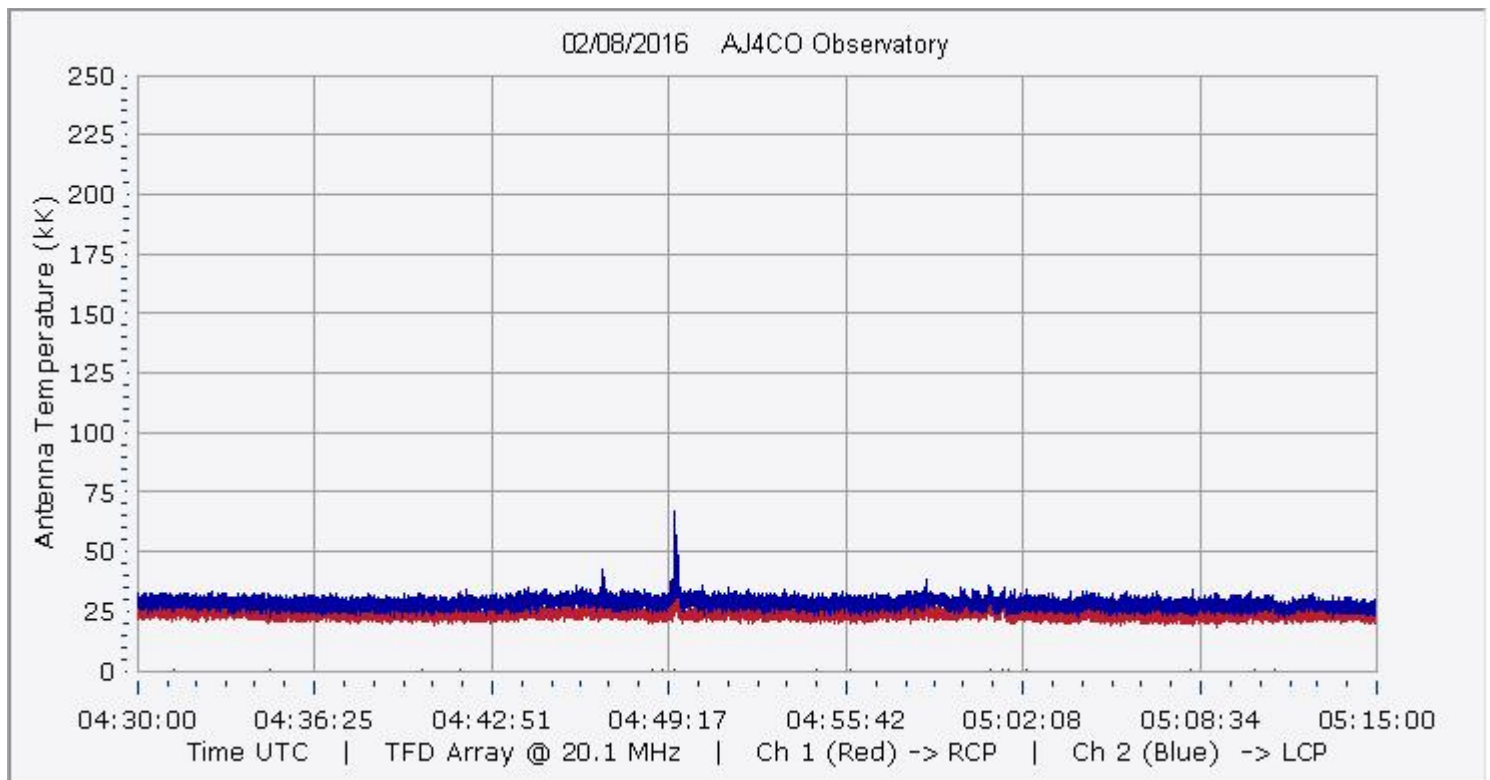
**RCP dominant positive drift emission envelope - late non-Io-B**

AJ4CO Observatory 08 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



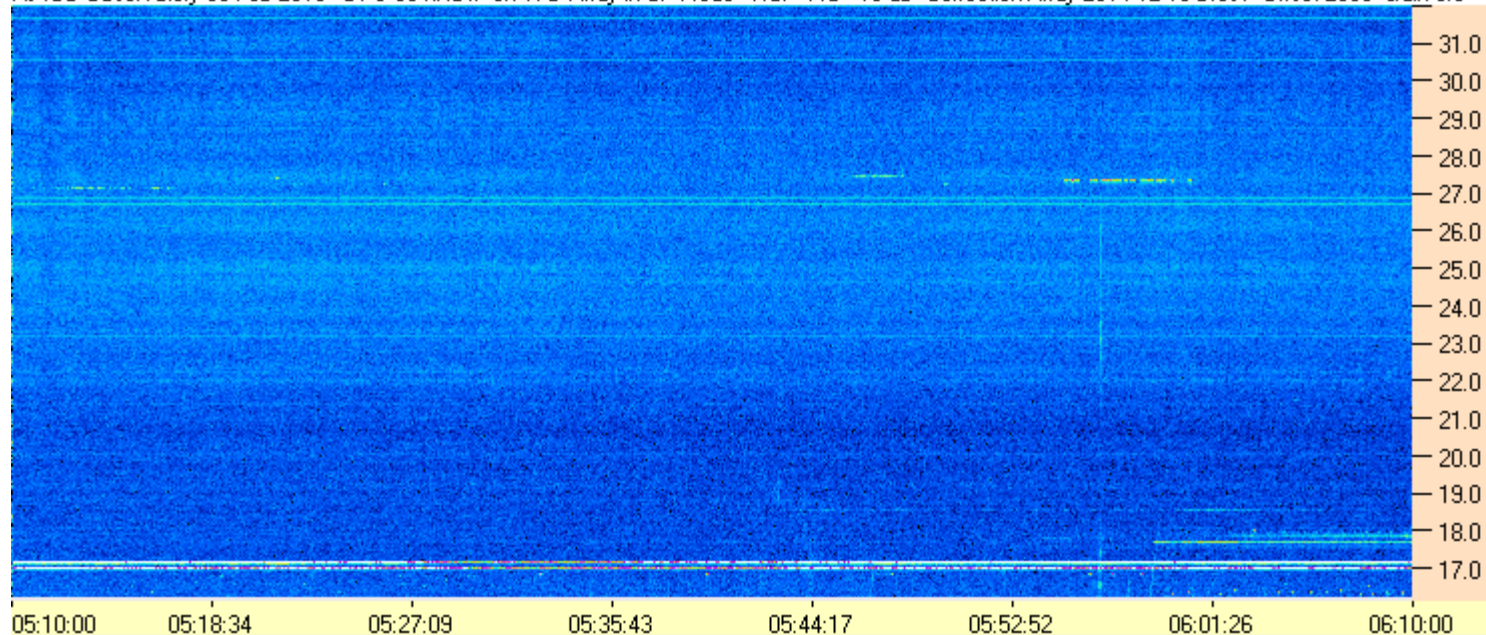
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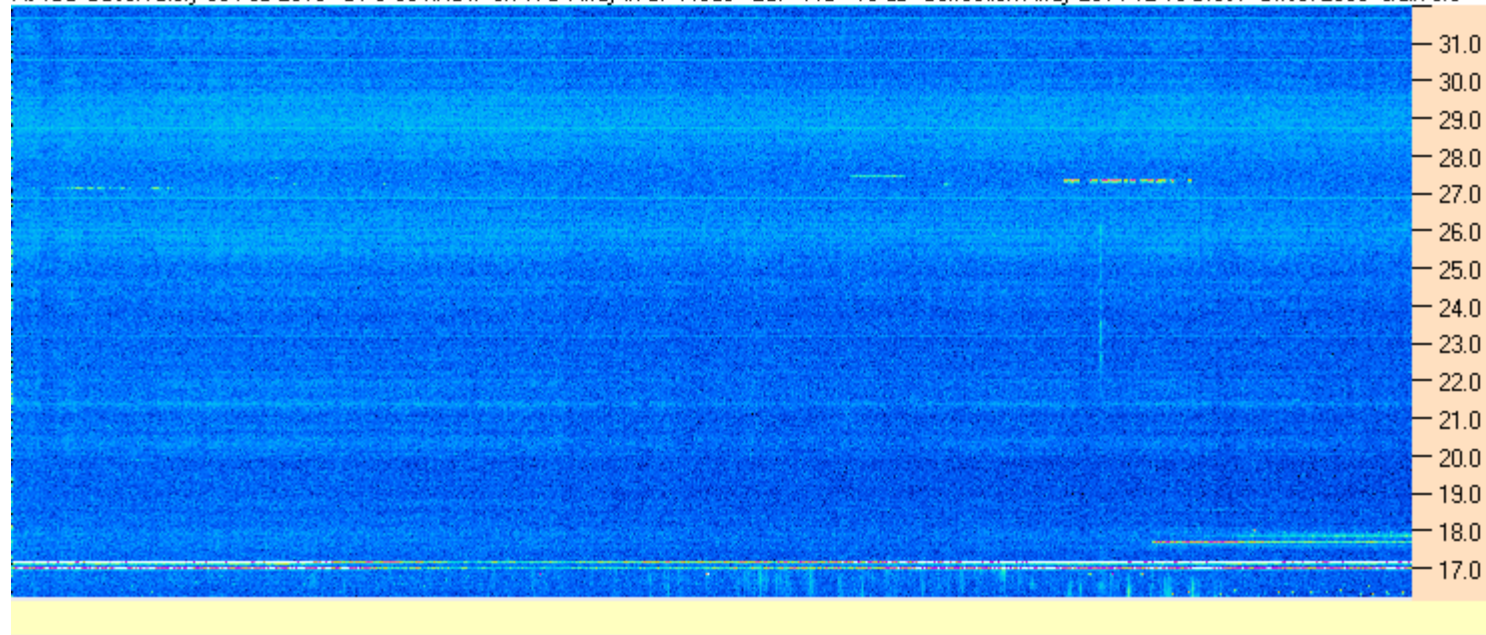


LCP dominant negative drift emission envelope - early non-Io-C

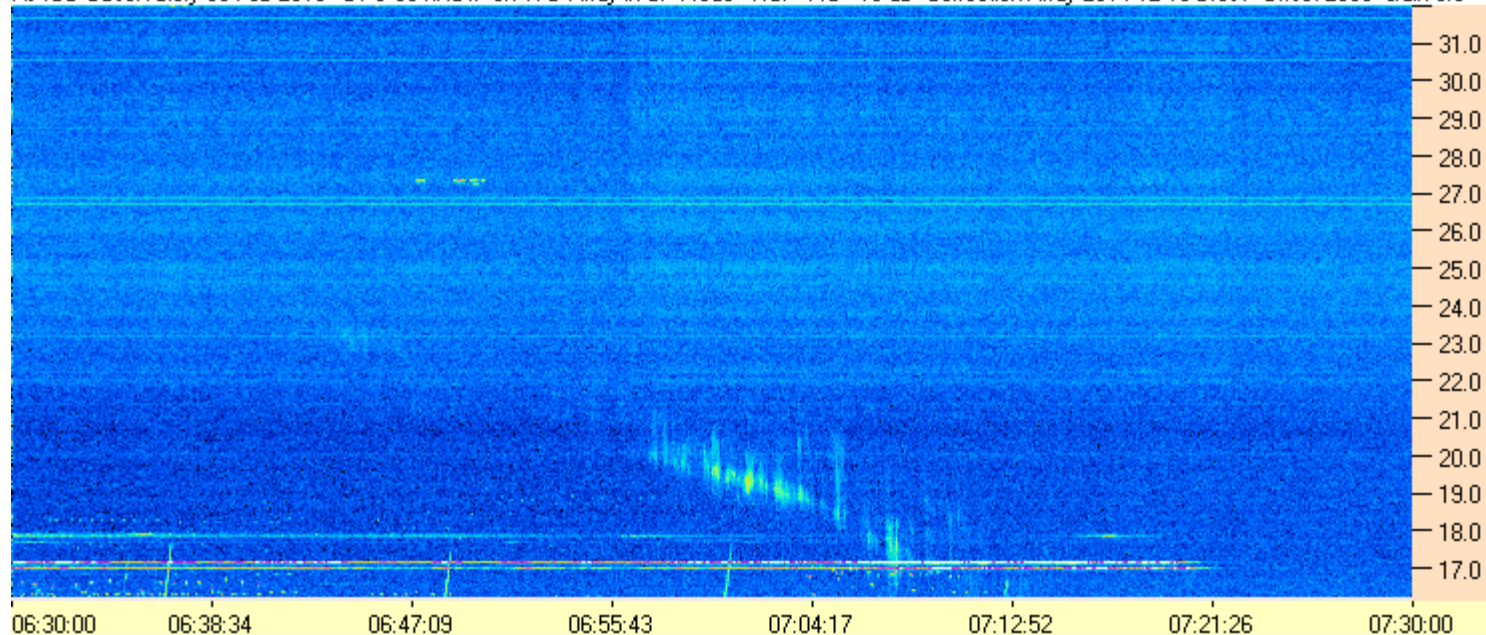
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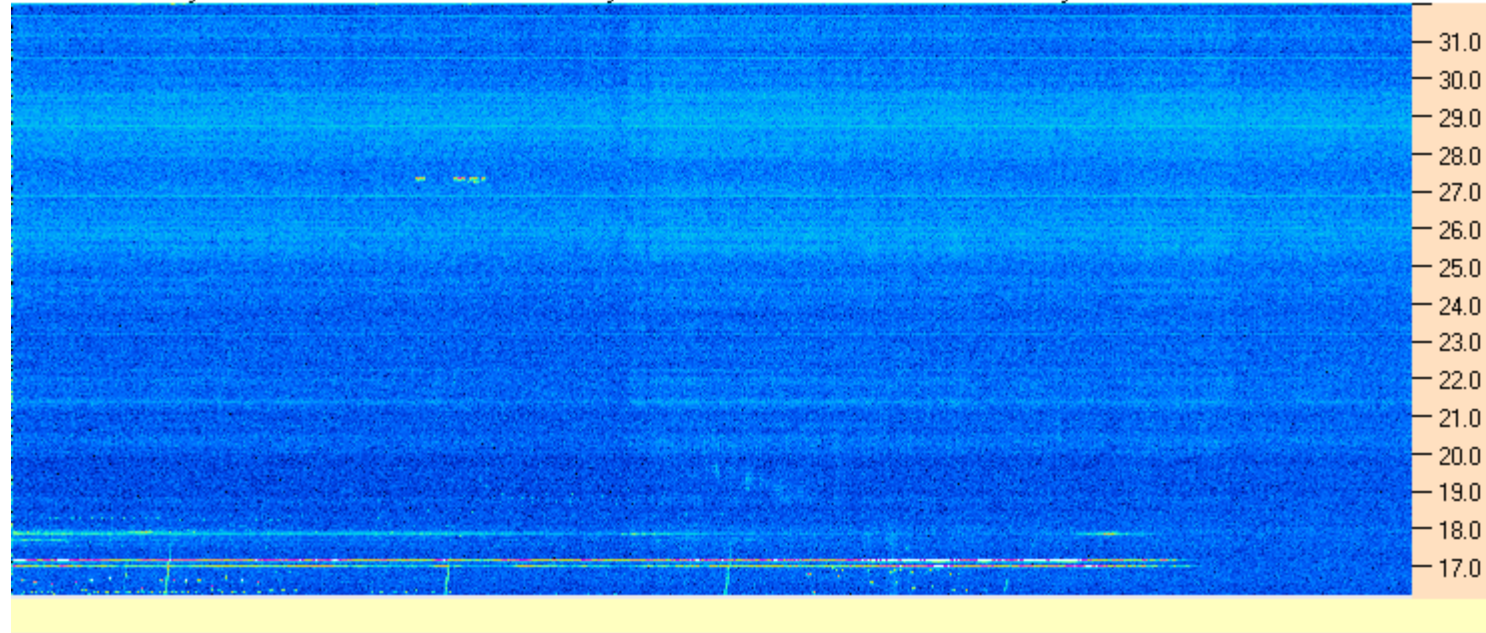
AJ4CO Observatory 08 Feb 2016 - DPS 30 kHz IF on TFD Array in CP Mode - LCP MC +13 dB Correction Array 2014 12 18 B.csv Offset 2050 Gain 5.0

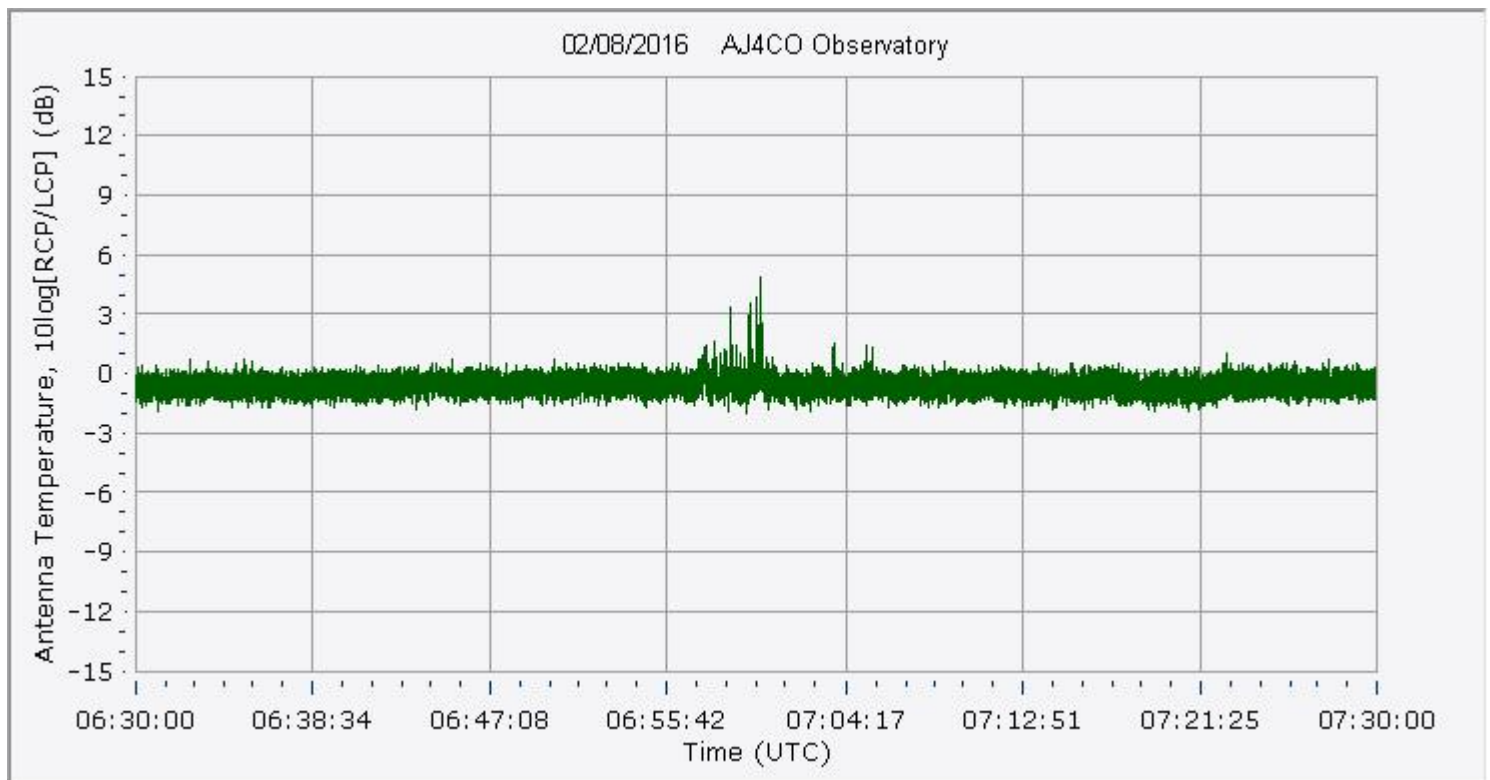
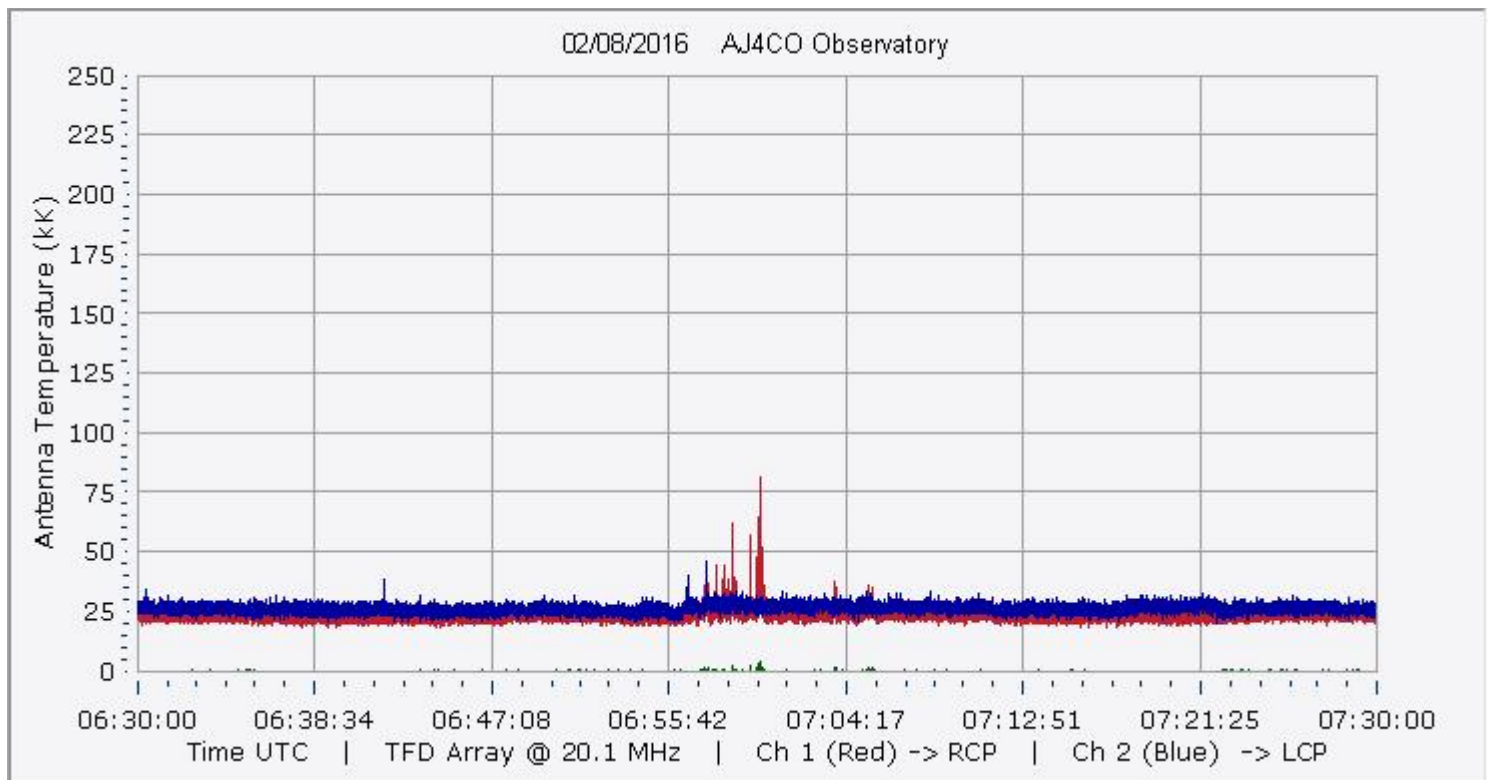
**RCP dominant negative drift emission envelope - non-Io-A**

AJ4CO Observatory 08 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



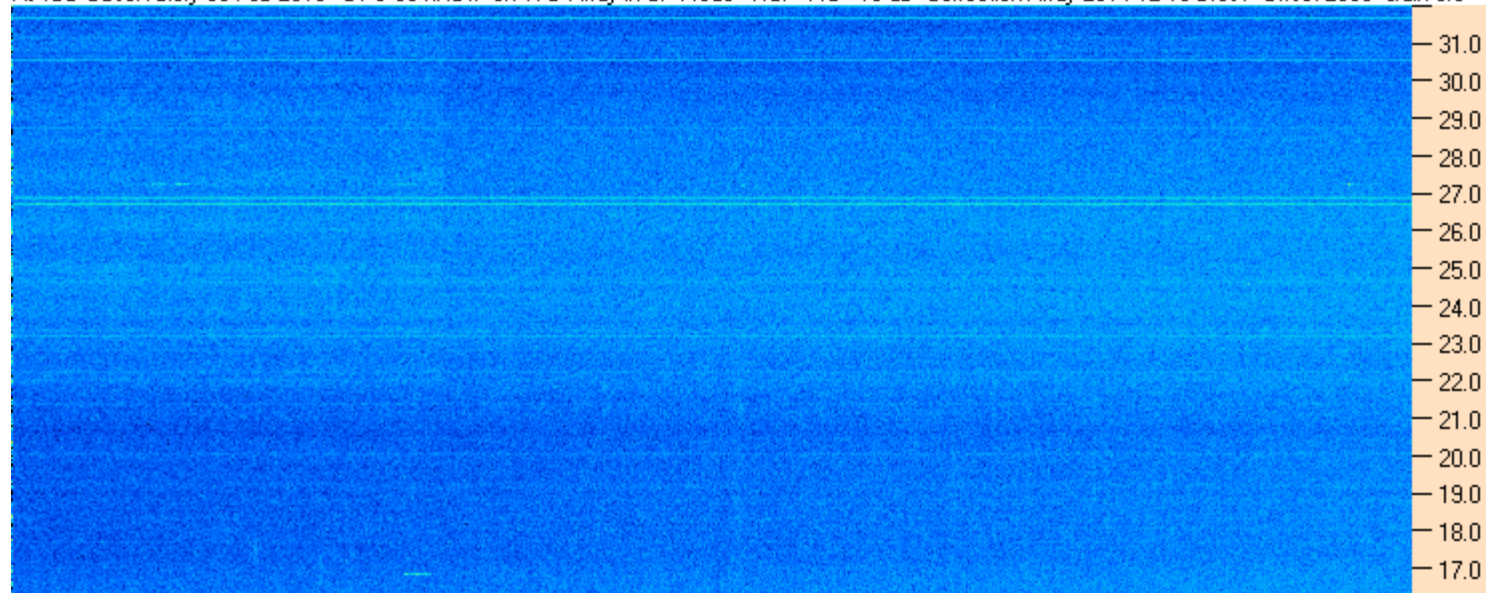
AJ4CO Observatory 08 Feb 2016 - DPS 30 kHz IF on TFD Array in CP Mode - LCP MC +13 dB Correction Array 2014 12 18 B.csv Offset 2050 Gain 5.0



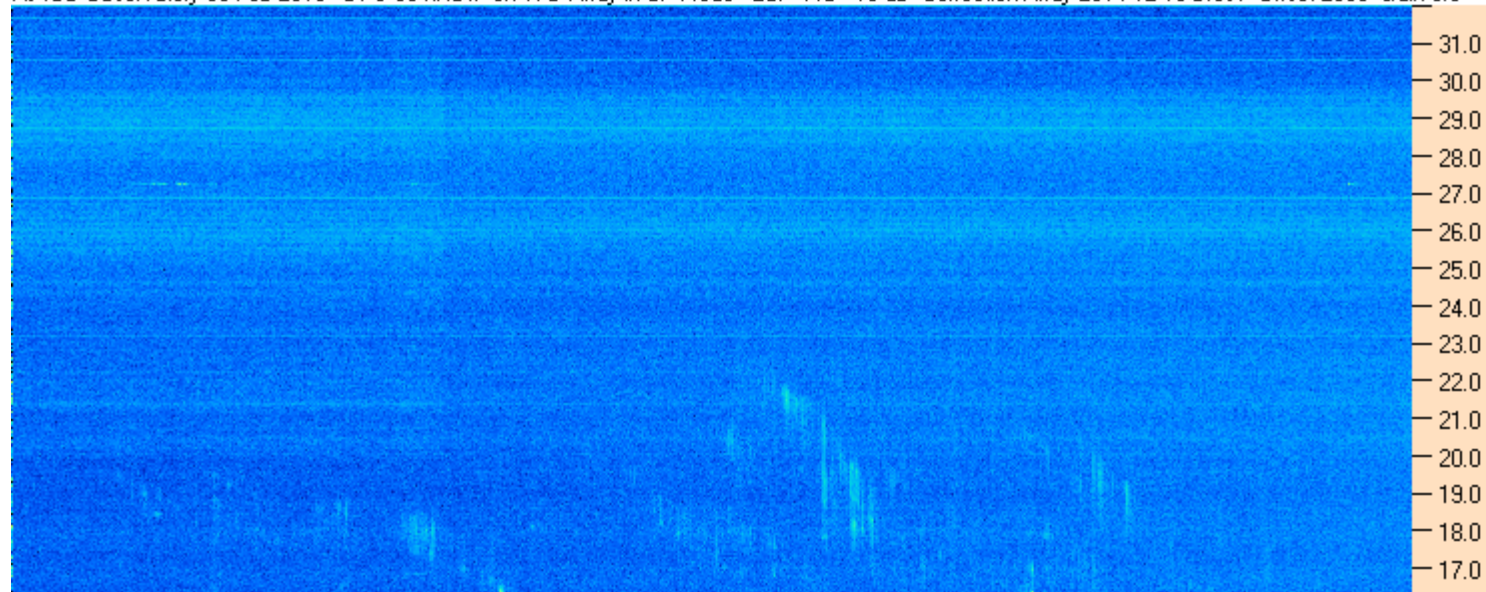


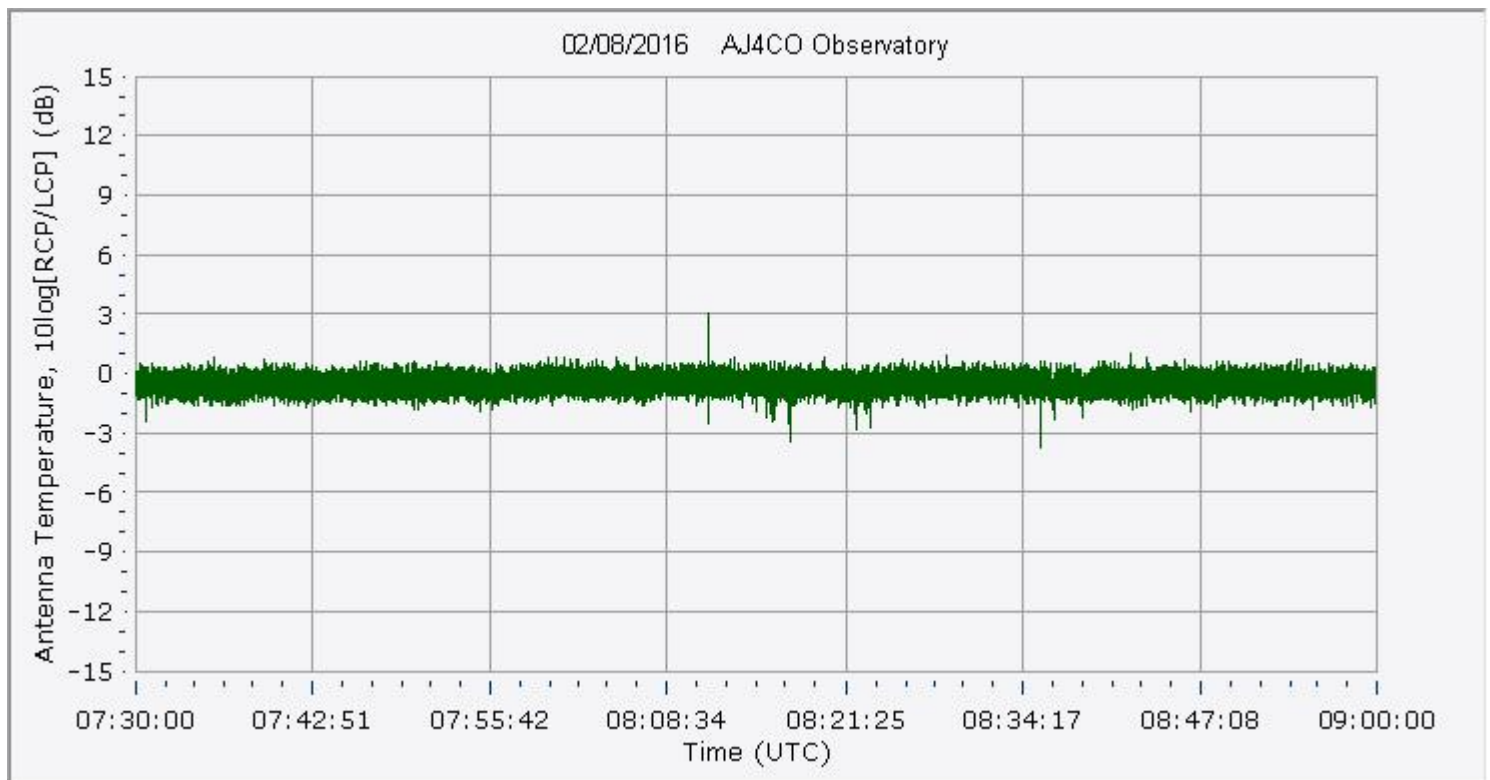
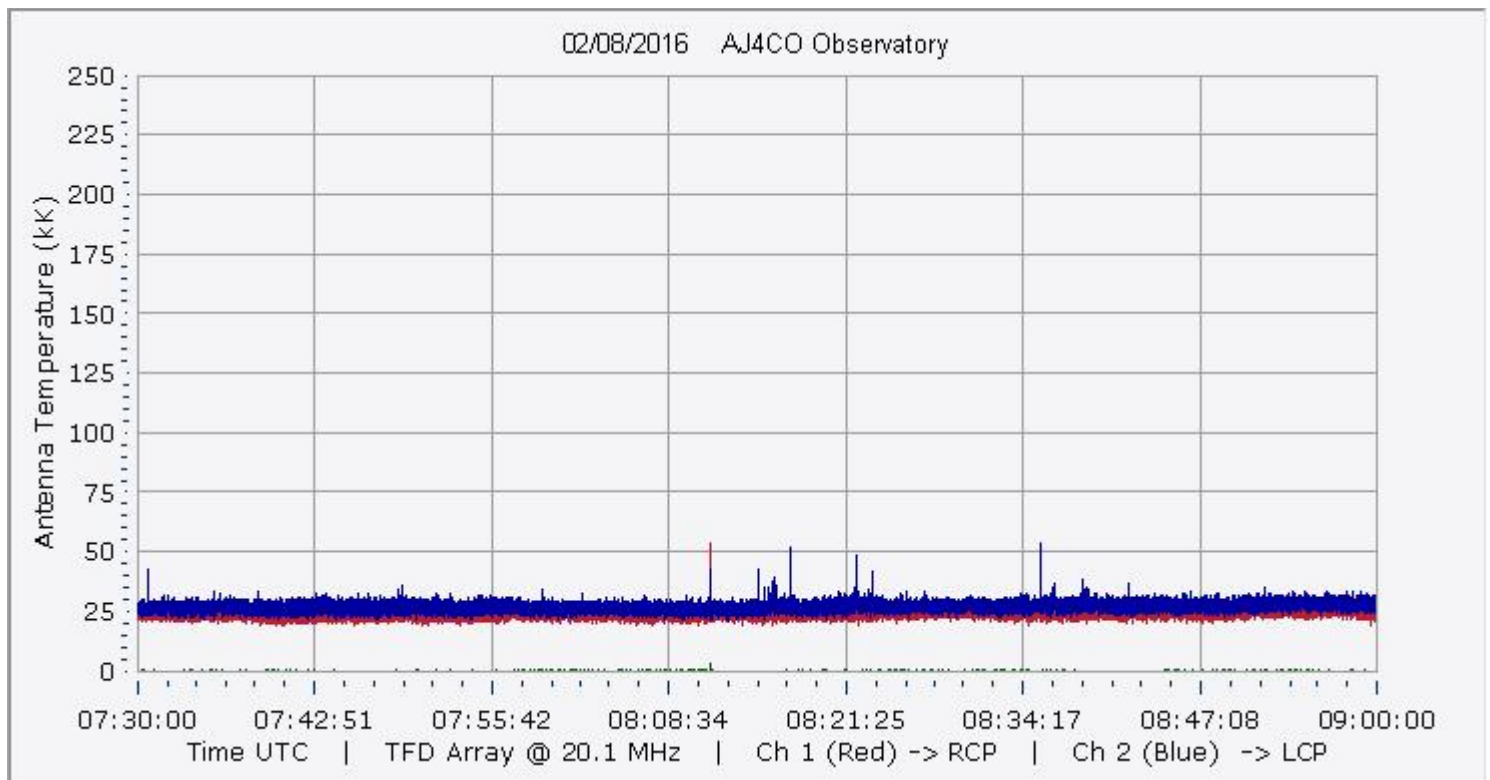
LCP dominant negative drift emission envelope - non-Io-C

AJ4CO Observatory 08 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



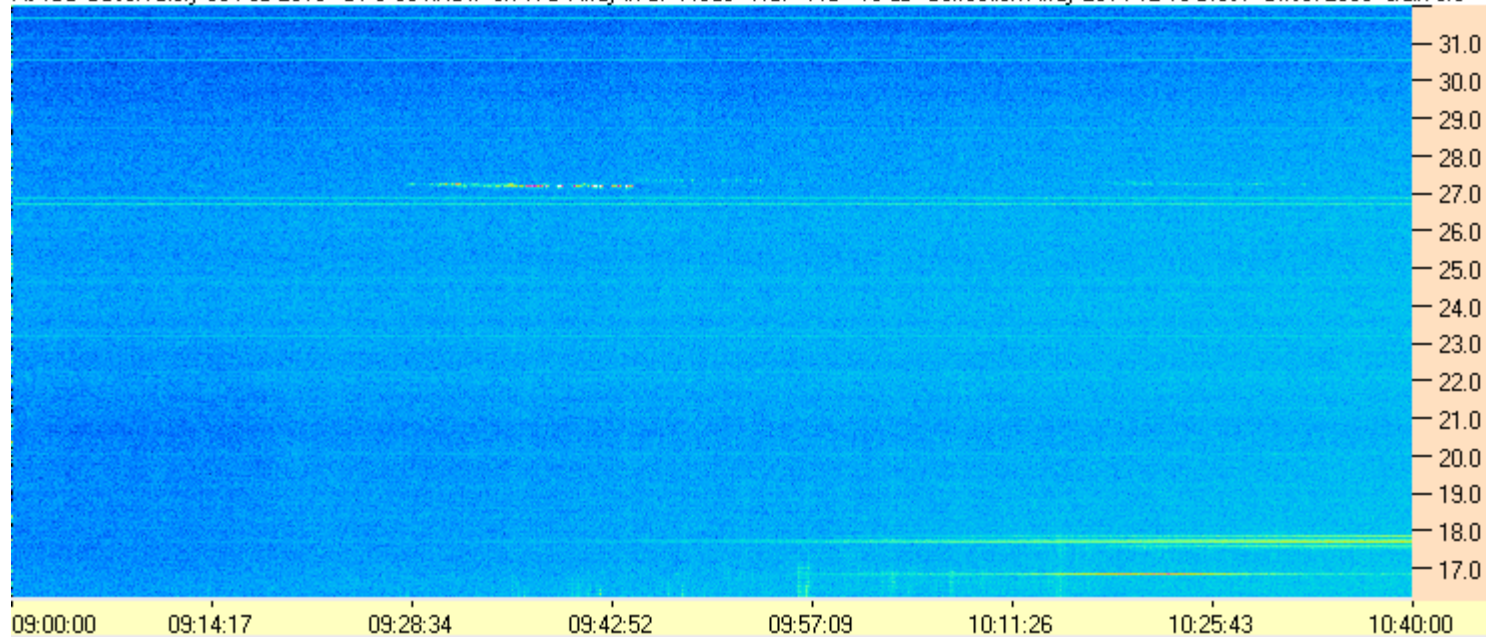
AJ4CO Observatory 08 Feb 2016 - DPS 30 kHz IF on TFD Array in CP Mode - LCP MC +13 dB Correction Array 2014 12 18 B.csv Offset 2050 Gain 5.0





LCP dominant positive drift emission envelope - Io-D

AJ4CO Observatory 08 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 08 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

