

Subject: [radiojove-data] 02 Mar 2016 Io-B/D -- Part 1A, slow speed data

From: Dave Typinski <davetyp@typnet.net>

Date: 03/05/2016 01:55

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

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

Weak bothersome line noise throughout the morning.

Very interesting simultaneous RCP and LCP (Io-B and Io-D). Simultaneous N events in both polarizations. Emission in RCP and LCP nearly on top of each other, particularly around 0657-0658 UTC (see part B).

RCP dominant L bursting 0417-0511 UTC from 16 to 25 MHz, positive drift emission envelopes. (Io-B)

RCP dominant N events 0515-0530 UTC from 17 to 24 MHz, negative drift emission envelopes. (Io-B)

RCP dominant S bursting 0556-0747 UTC from 16 to 23 MHz, vertex early arcs. (Io-B)

RCP dominant N events 0628-0747 UTC from 16 to 23 MHz, vertex early arcs. (Io-B)

RCP dominant narrow band S burst trains 0628-0747 UTC from 16 to 23 MHz, vertex early arcs. (Io-B)

LCP dominant N events 0631-0815 UTC from 16 to 21 MHz, vertex early arcs. (Io-D)

LCP dominant L bursting 0633-0729 UTC from 16 to 19 MHz, zero drift emission envelopes. (Io-D)

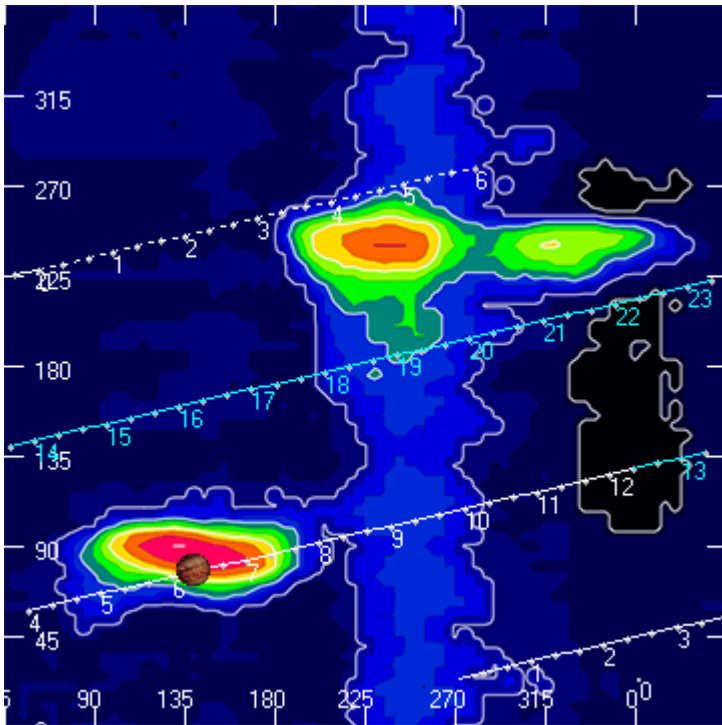
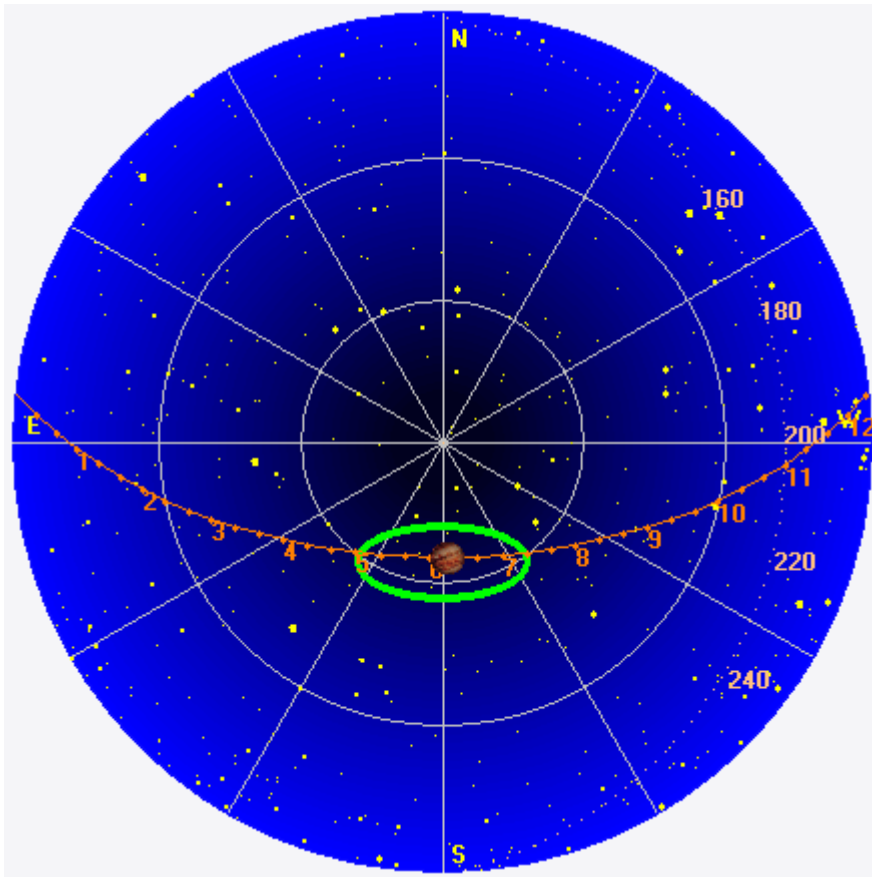
Jupiter was -28° to $+31^\circ$ off axis.

Jupiter was leading the Sun by 173° .

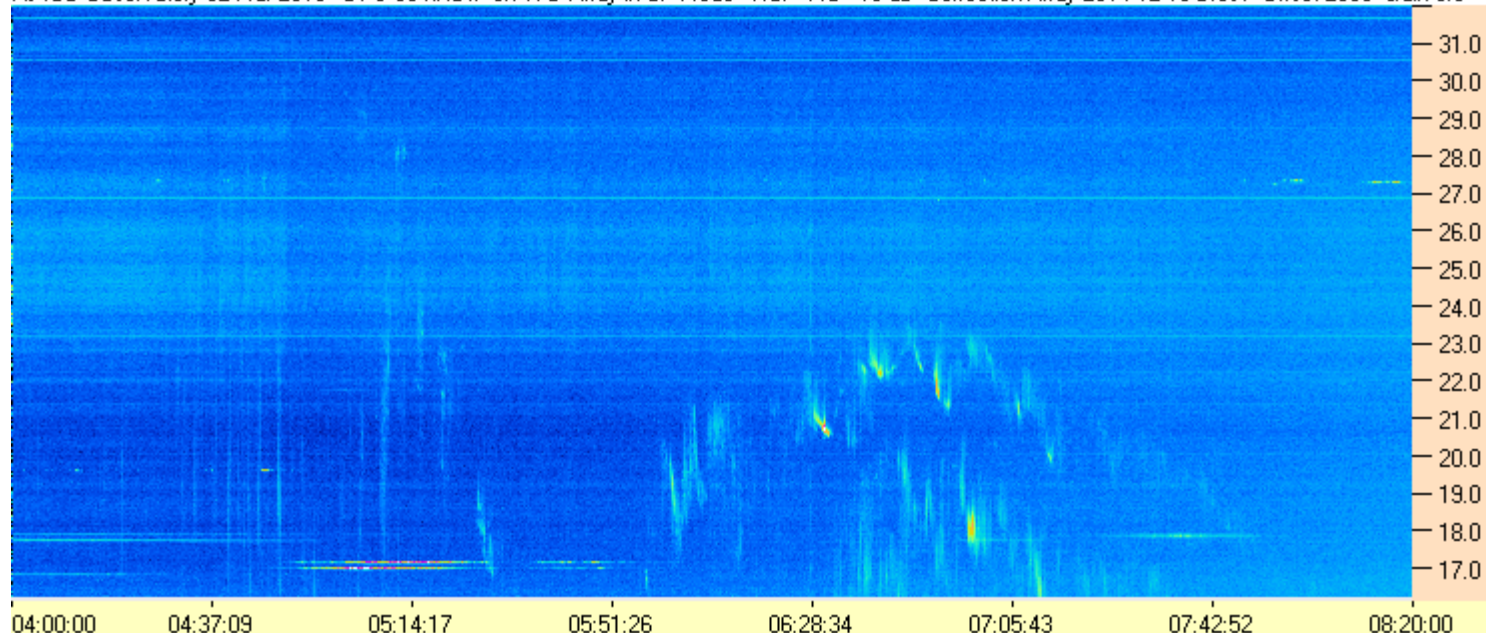
--

Dave

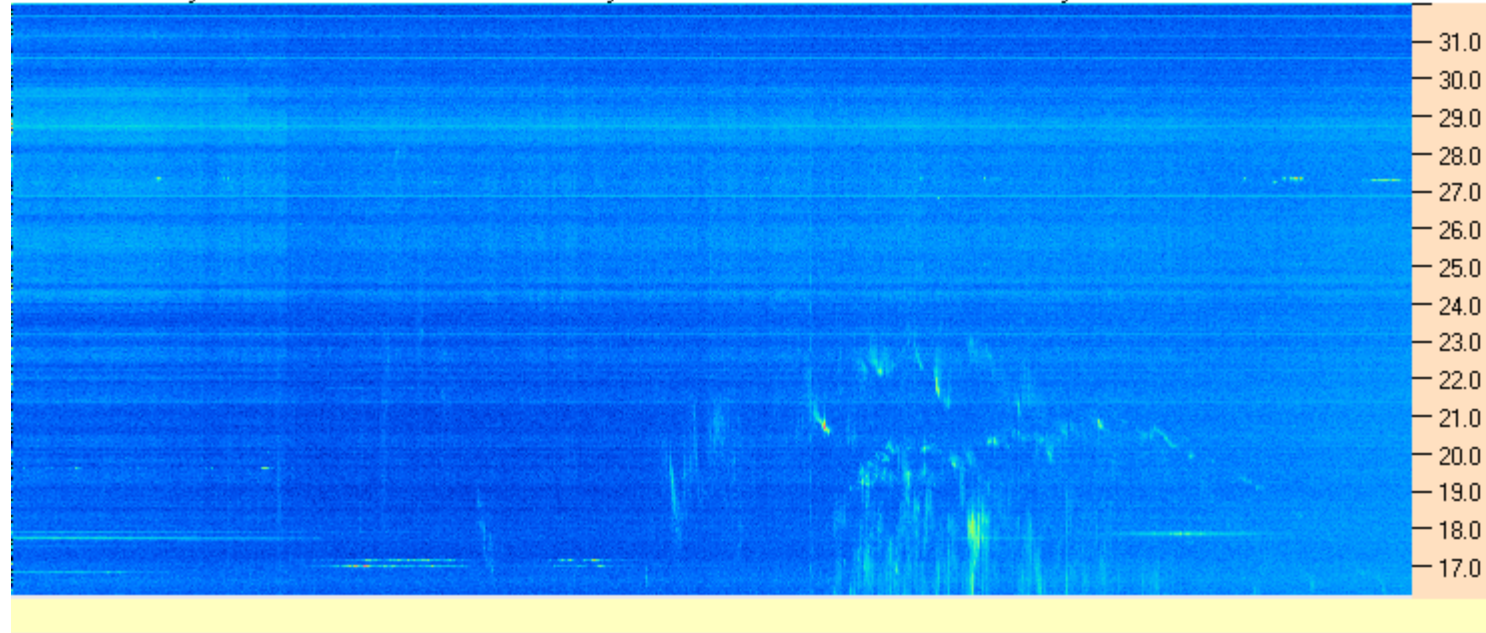
AJ4CO Observatory 02 Mar 2016, log entry 634 - 640



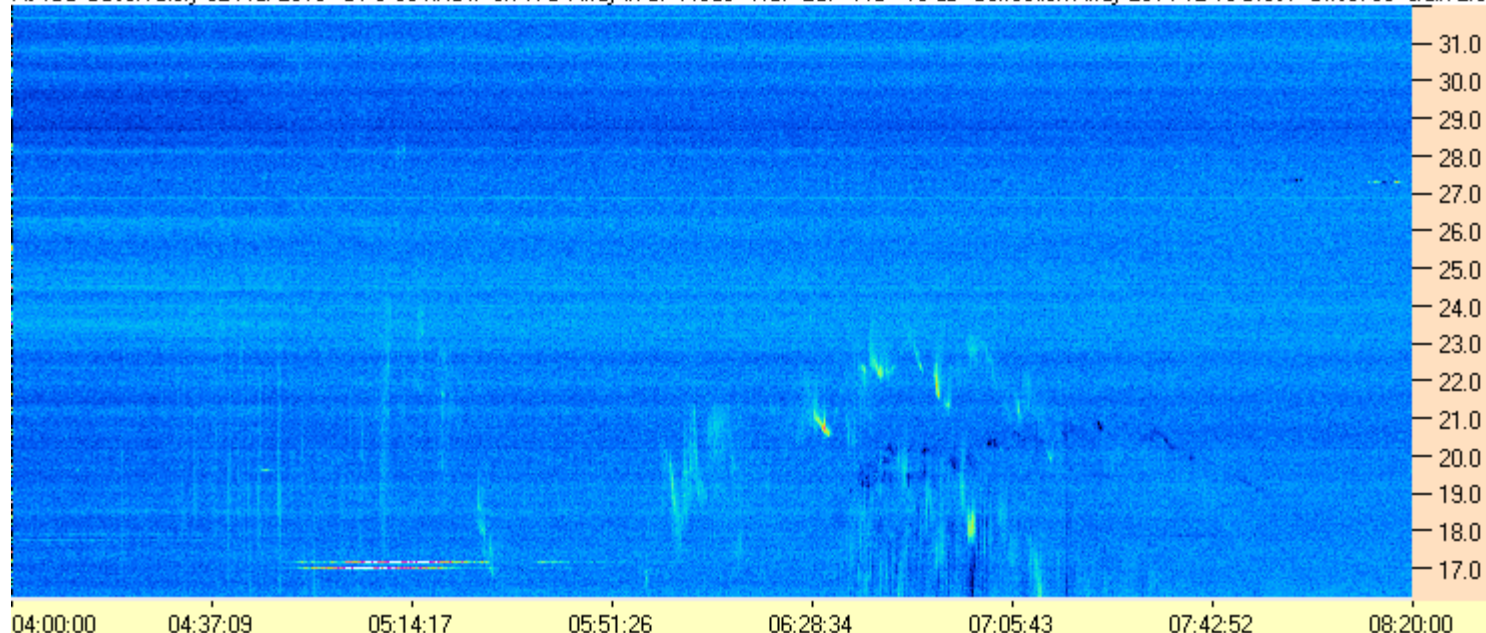
AJ4CO Observatory 02 Mar 2016 - DPS 30 kHz IF on TFD Array in CP Mode - RCP MC +13 dB Correction Array 2014 12 18 B.csv Offset 2050 Gain 5.0



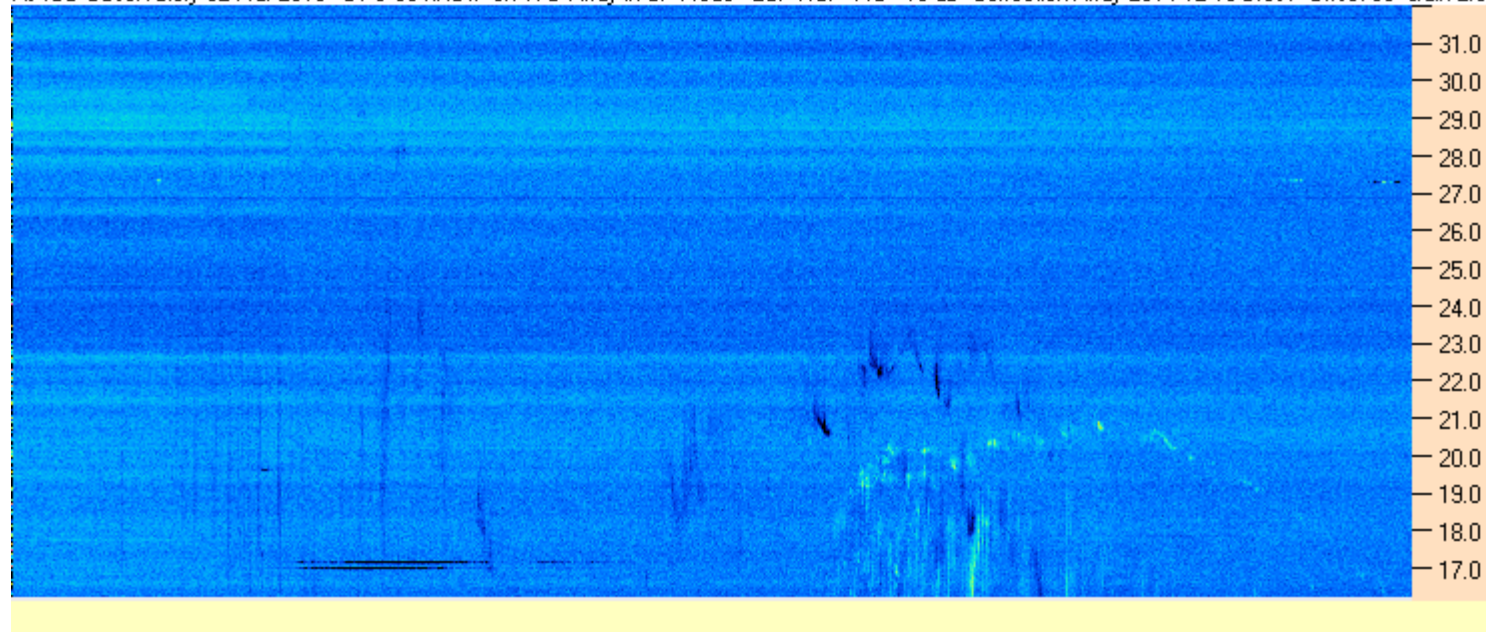
AJ4CO Observatory 02 Mar 2016 - DPS 30 kHz IF on TFD Array in CP Mode - LCP MC +13 dB Correction Array 2014 12 18 B.csv Offset 2050 Gain 5.0

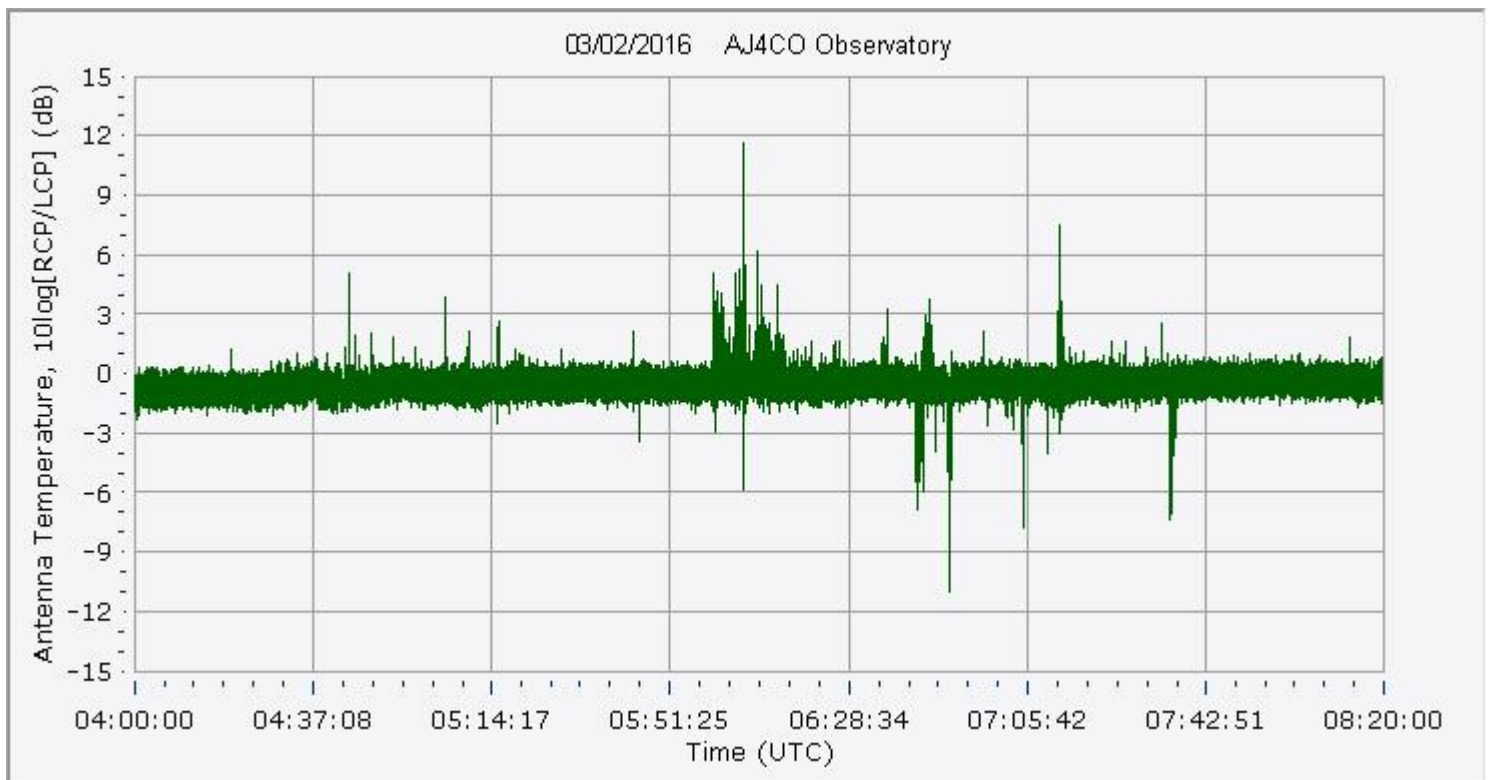
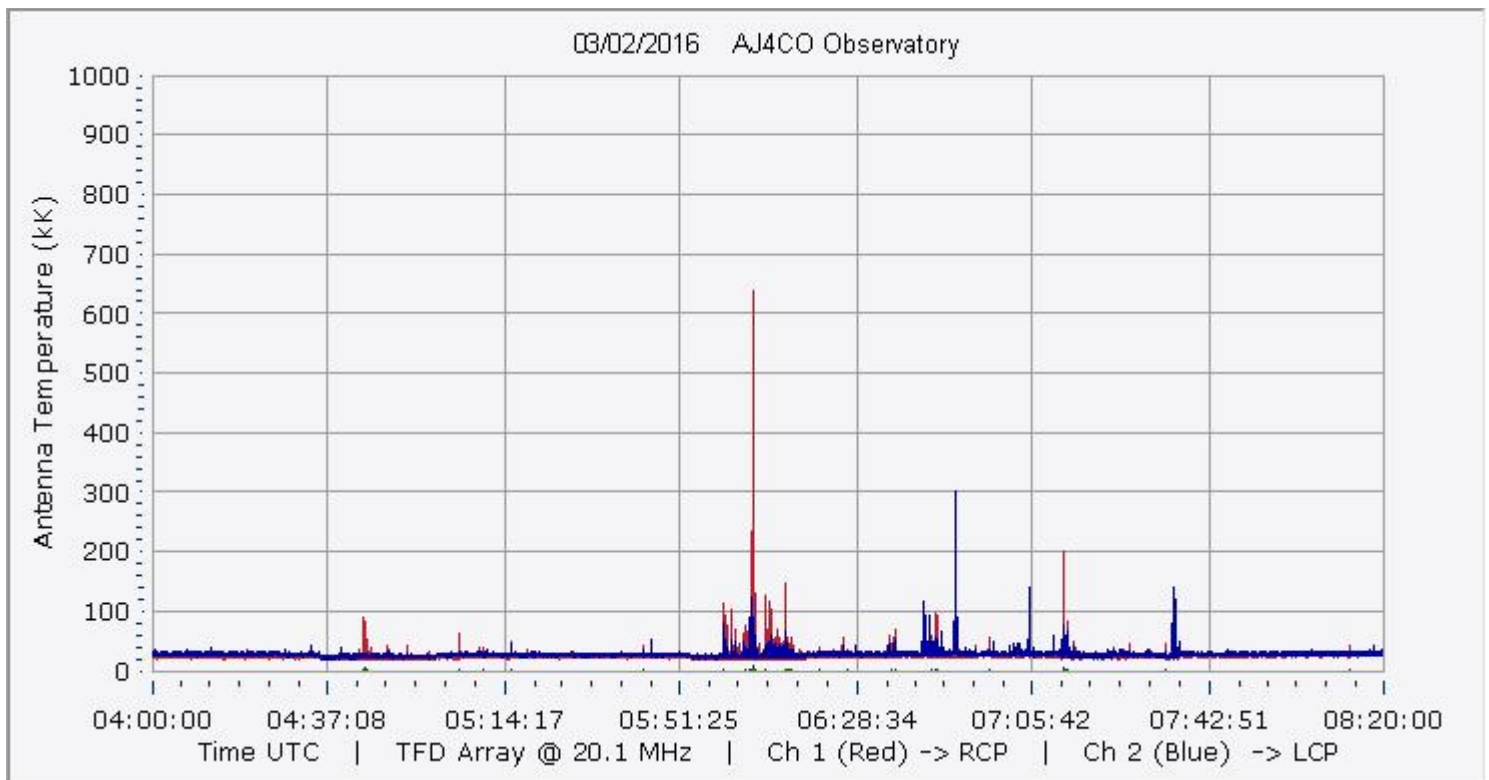


AJ4CO Observatory 02 Mar 2016 - DPS 30 kHz IF on TFD Array in CP Mode - RCP-LCP MC +13 dB Correction Array 2014 12 18 B.csv Offset 50 Gain 2.0

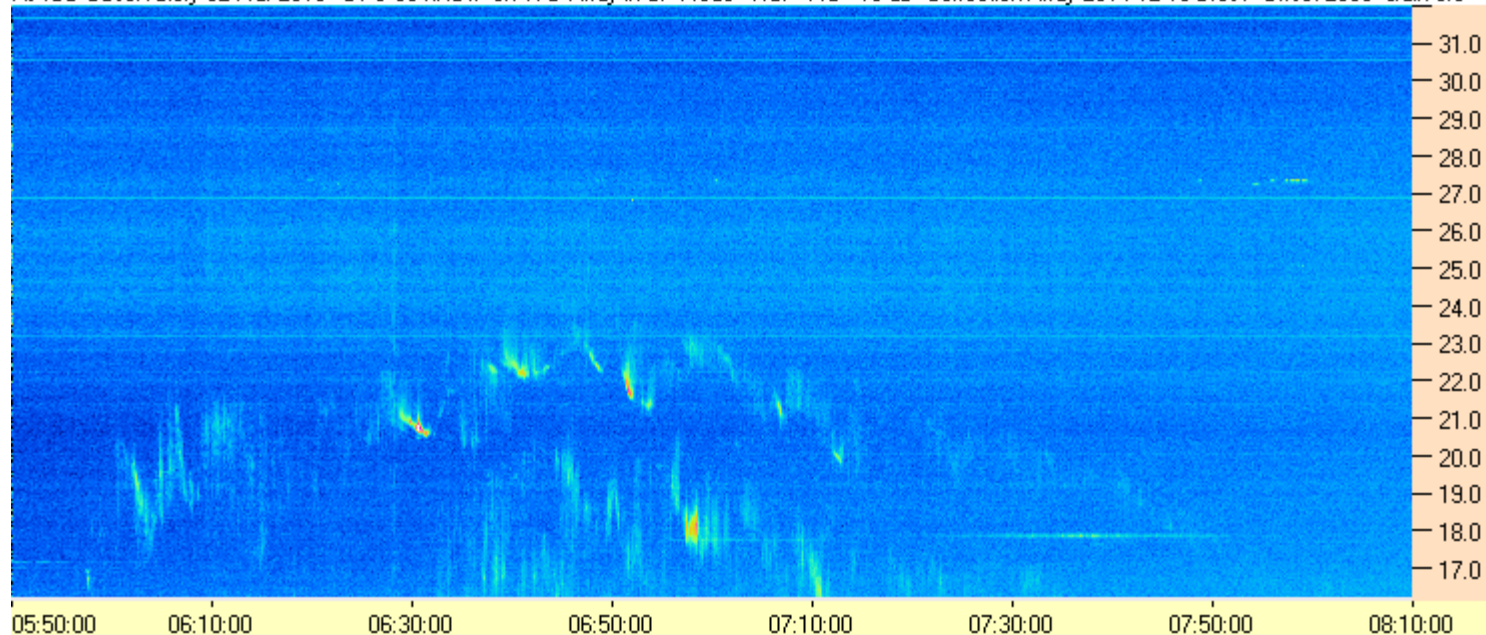


AJ4CO Observatory 02 Mar 2016 - DPS 30 kHz IF on TFD Array in CP Mode - LCP-RCP MC +13 dB Correction Array 2014 12 18 B.csv Offset 50 Gain 2.0

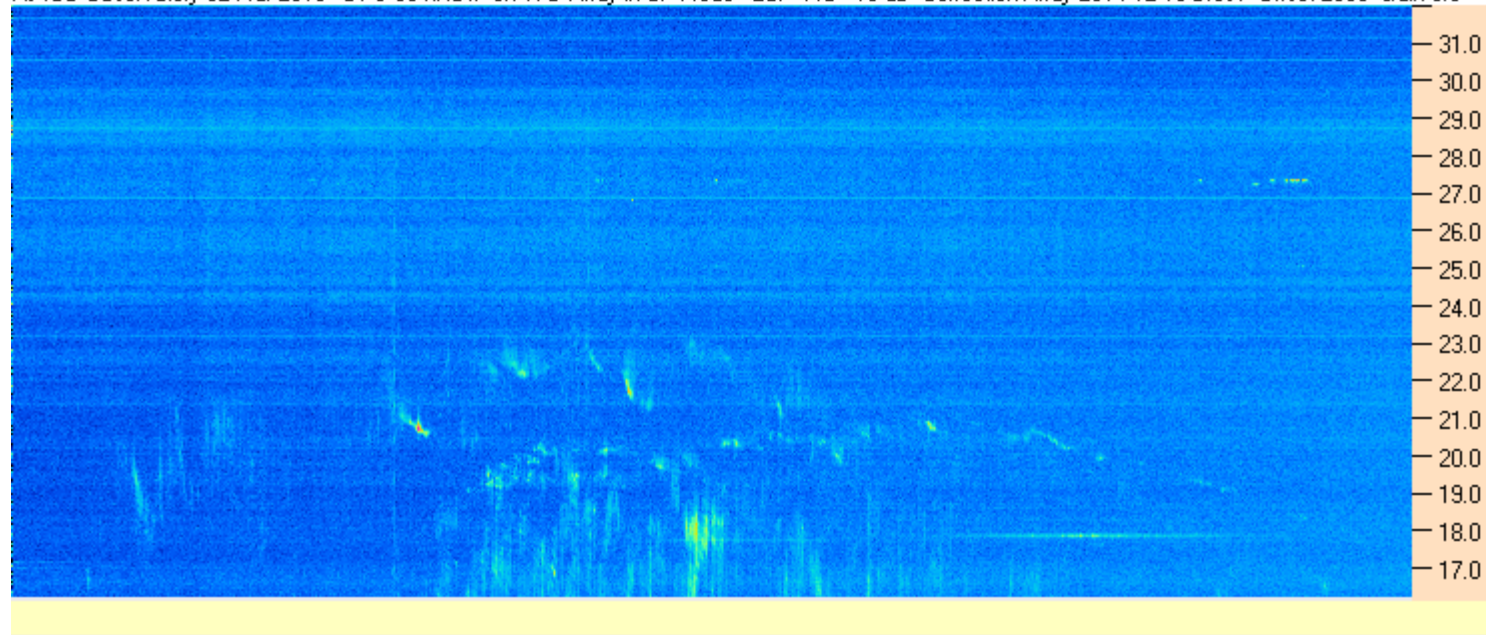




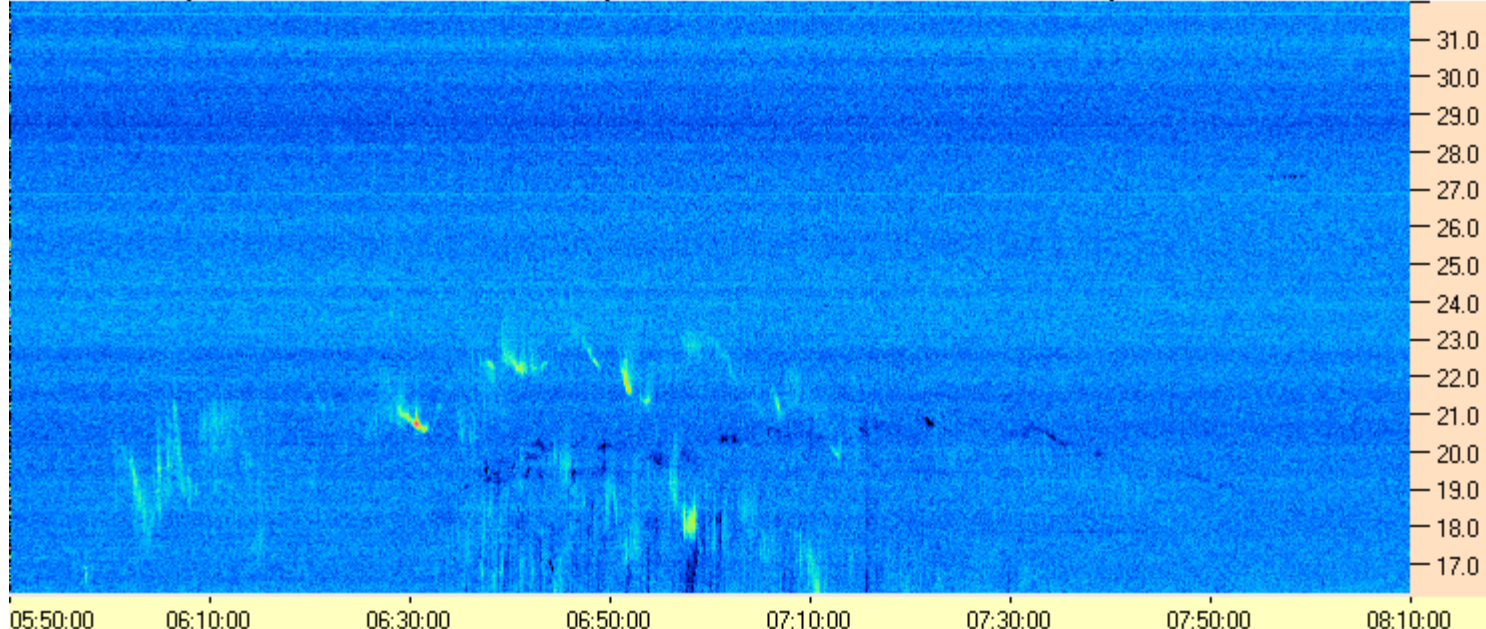
AJ4CO Observatory 02 Mar 2016 - DPS 30 kHz IF on TFD Array in CP Mode - RCP MC +13 dB Correction Array 2014 12 18 B.csv Offset 2050 Gain 5.0



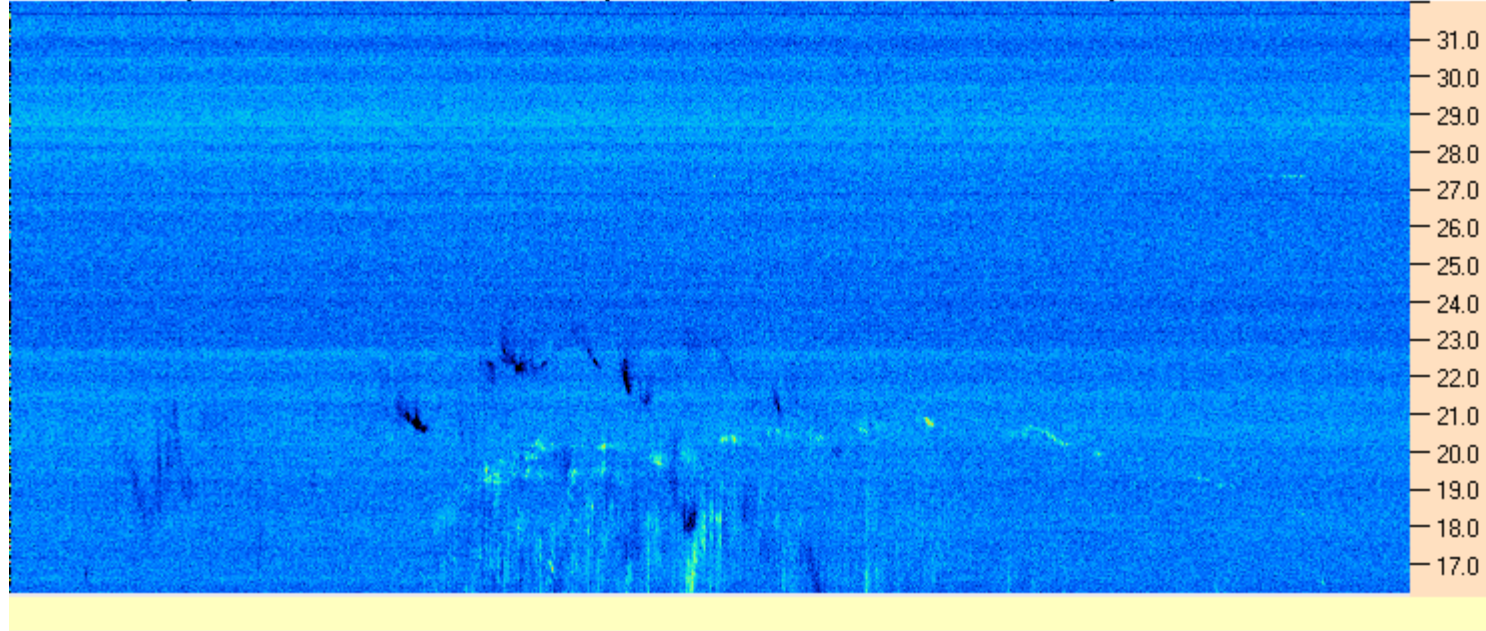
AJ4CO Observatory 02 Mar 2016 - DPS 30 kHz IF on TFD Array in CP Mode - LCP MC +13 dB Correction Array 2014 12 18 B.csv Offset 2050 Gain 5.0

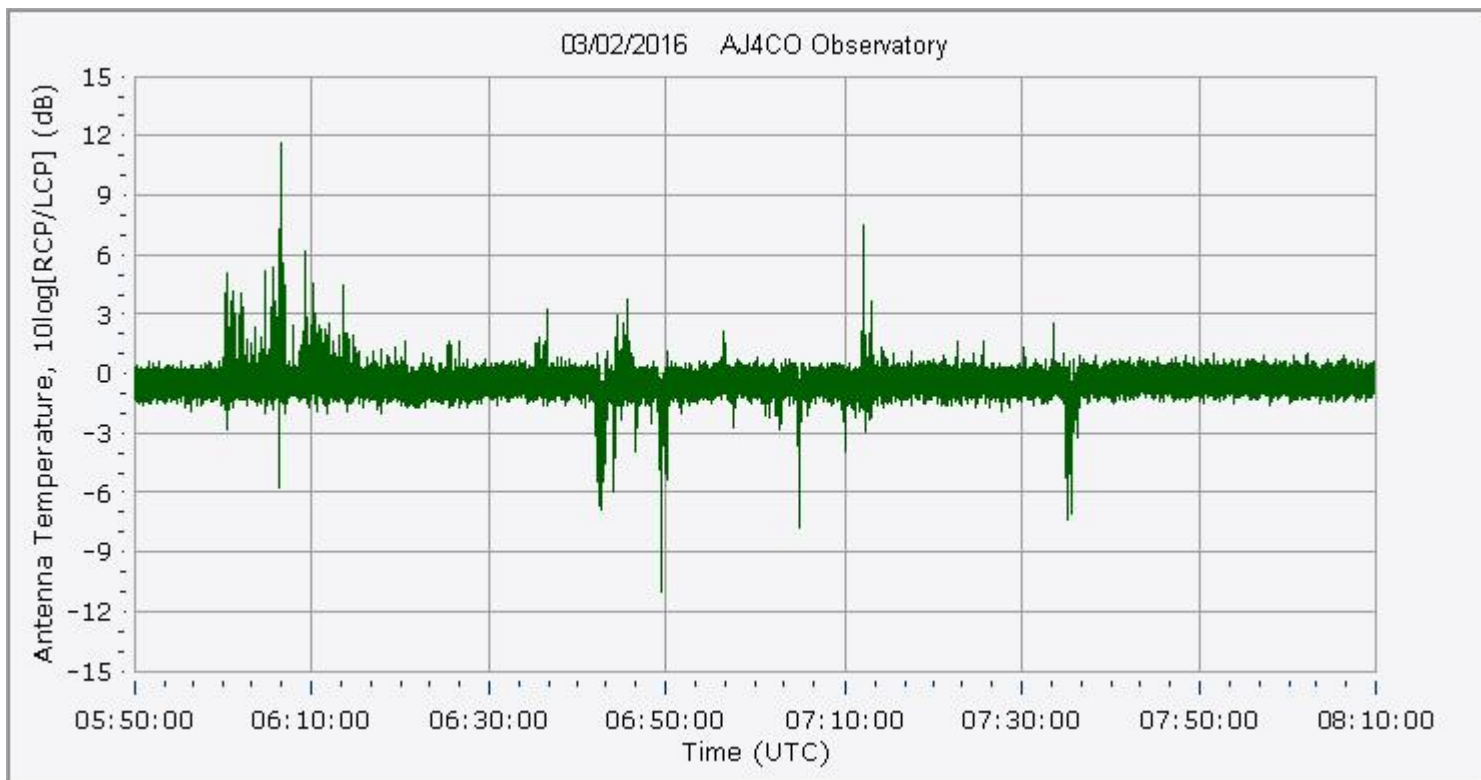
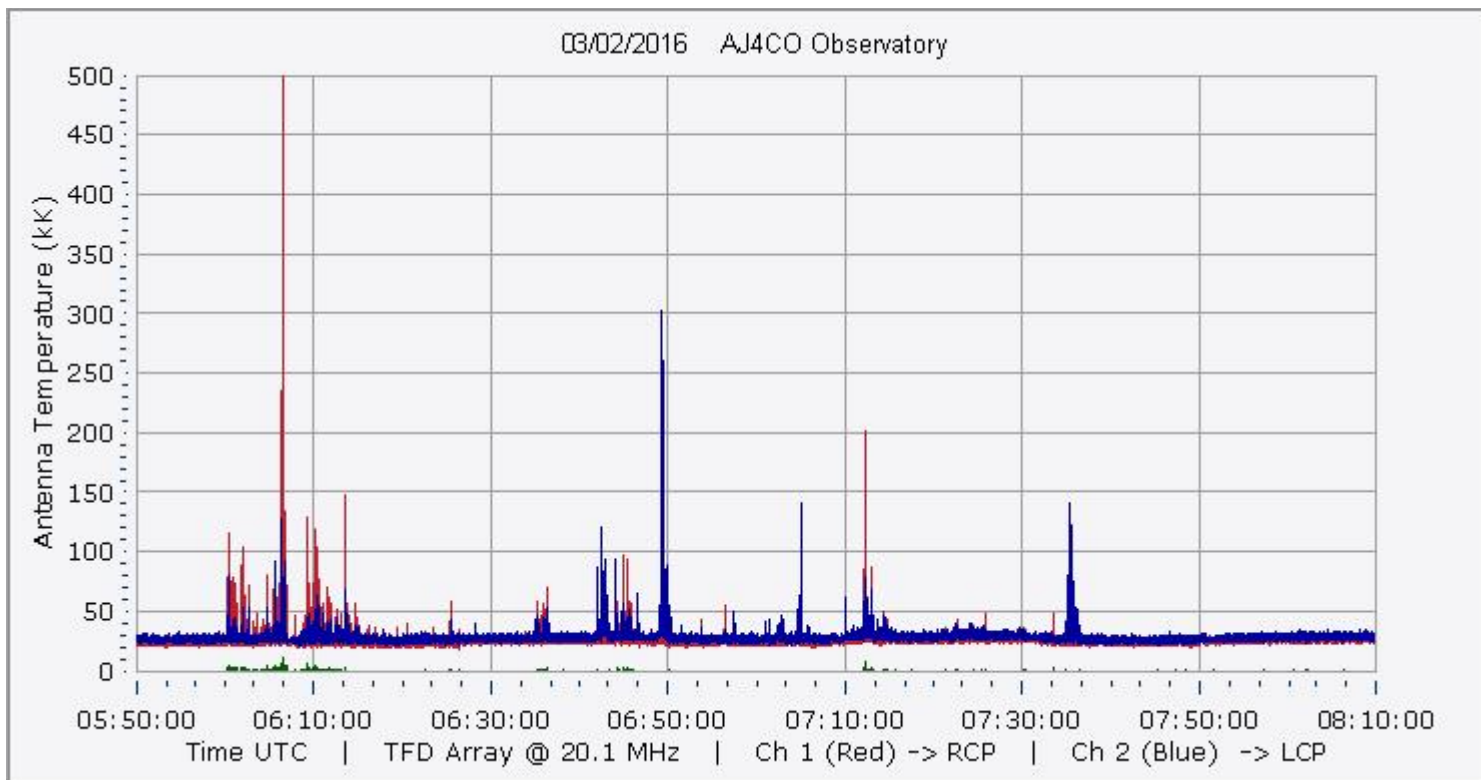


AJ4CO Observatory 02 Mar 2016 - DPS 30 kHz IF on TFD Array in CP Mode - RCP-LCP MC +13 dB Correction Array 2014 12 18 B.csv Offset 50 Gain 2.0

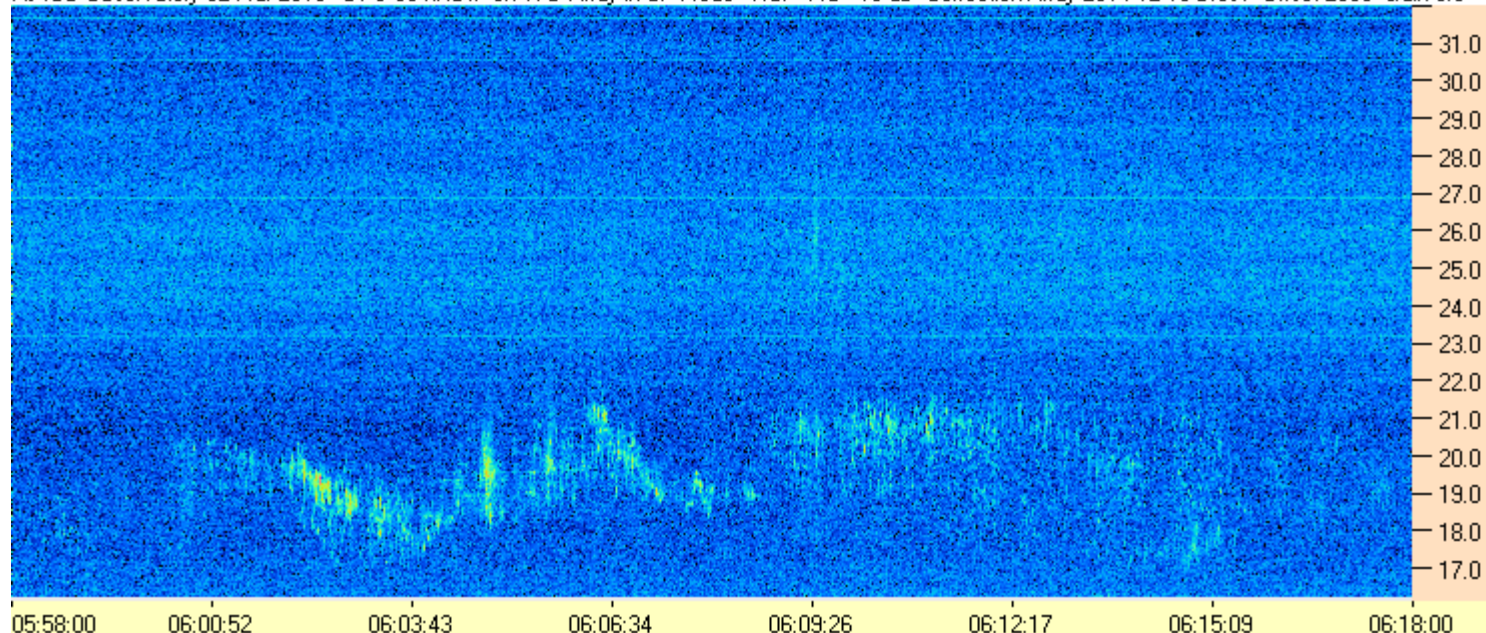


AJ4CO Observatory 02 Mar 2016 - DPS 30 kHz IF on TFD Array in CP Mode - LCP-RCP MC +13 dB Correction Array 2014 12 18 B.csv Offset 50 Gain 2.0

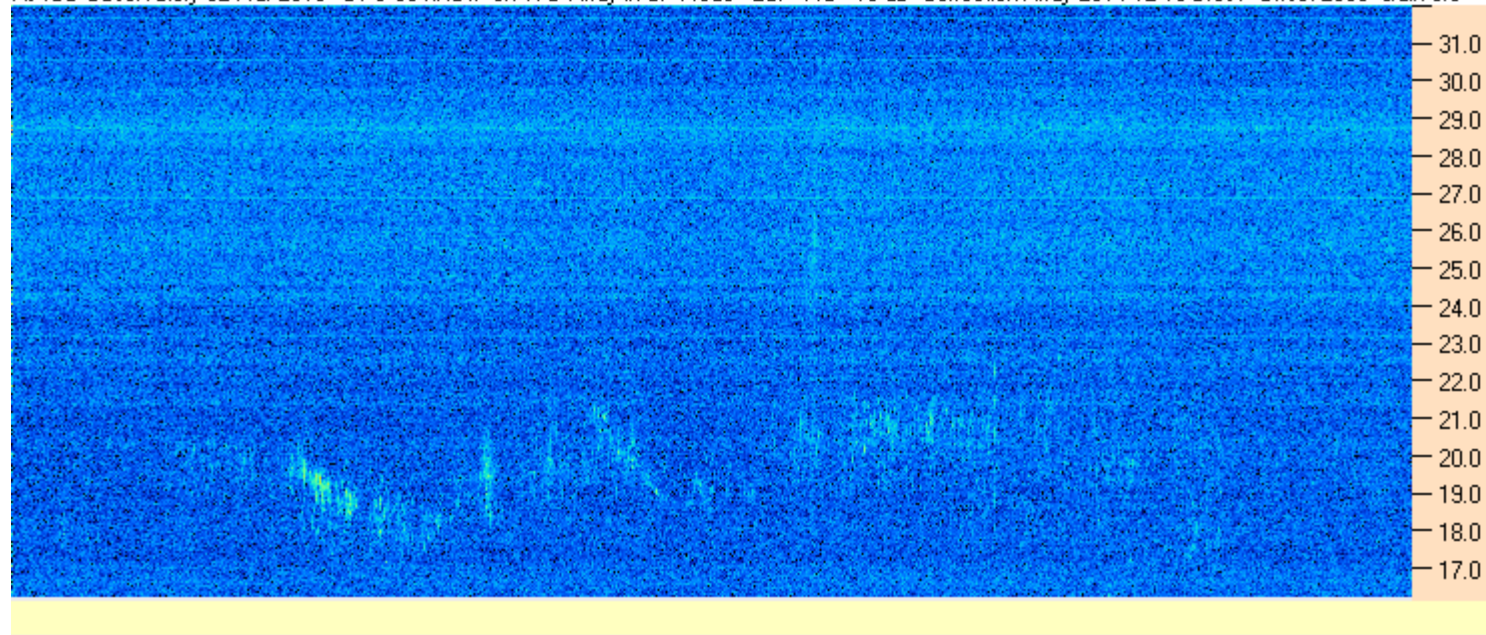




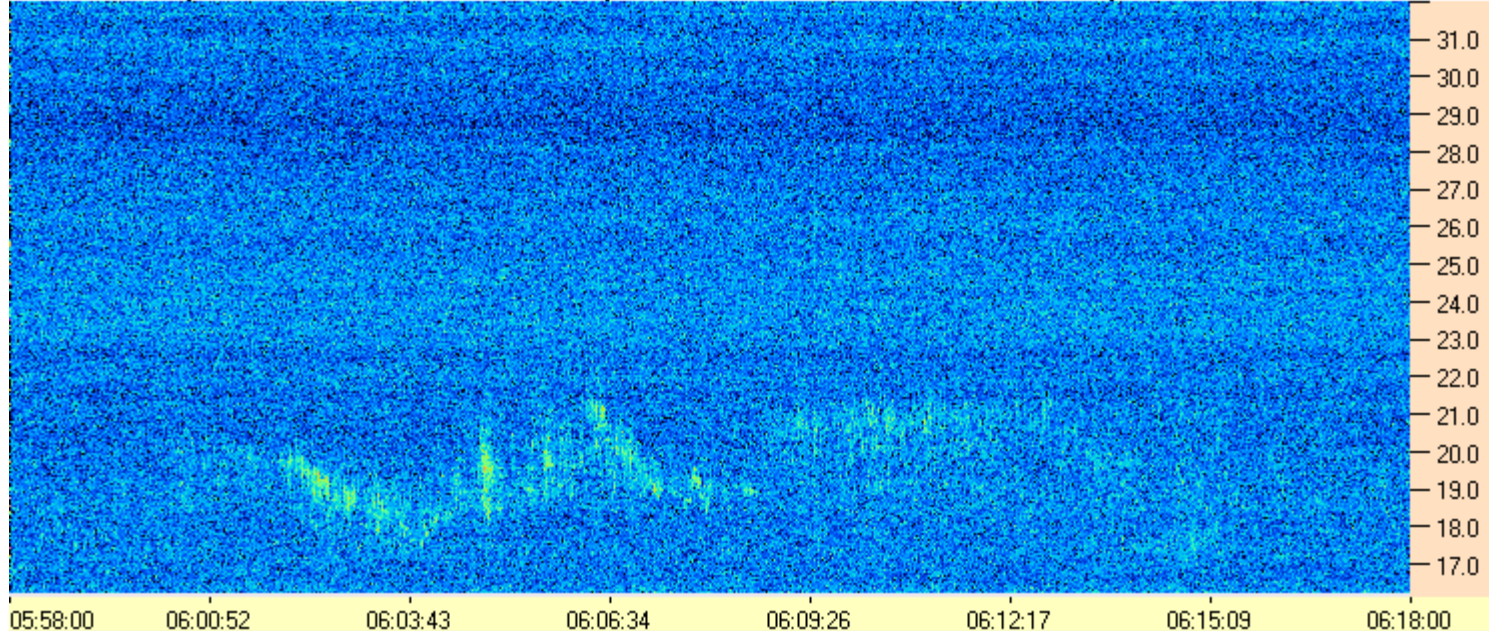
AJ4CO Observatory 02 Mar 2016 - DPS 30 kHz IF on TFD Array in CP Mode - RCP MC +13 dB Correction Array 2014 12 18 B.csv Offset 2050 Gain 5.0



AJ4CO Observatory 02 Mar 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



AJ4CO Observatory 02 Mar 2016 - DPS 30 kHz IF on TFD Array in CP Mode - RCP-LCP MC +13 dB Correction Array 2014 12 18 B.csv Offset 50 Gain 2.0



AJ4CO Observatory 02 Mar 2016 - DPS 30 kHz IF on TFD Array in CP Mode - LCP-RCP MC +13 dB Correction Array 2014 12 18 B.csv Offset 50 Gain 2.0

