

Subject: [radiojove-data] 30 Jan 2016 Io-B/D

From: Dave Typinski <davetyp@typnet.net>

Date: 01/31/2016 19:14

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

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

RCP dominant L bursting 0801-1112 UTC from 16 to 31 MHz, vertex early arcs, positive and negative drift modulation lanes visible.

RCP dominant N events 0915-0931 UTC from 20 to 22 MHz.

LCP dominant L bursting 0841-1018 UTC from 16 to 21 MHz, vertex early arcs, negative drift modulation lanes visible.

The same N event "frequency excursion" that Nathan saw is also visible here, but neither the leading nor trailing edges are visible, only the gap in the N event.

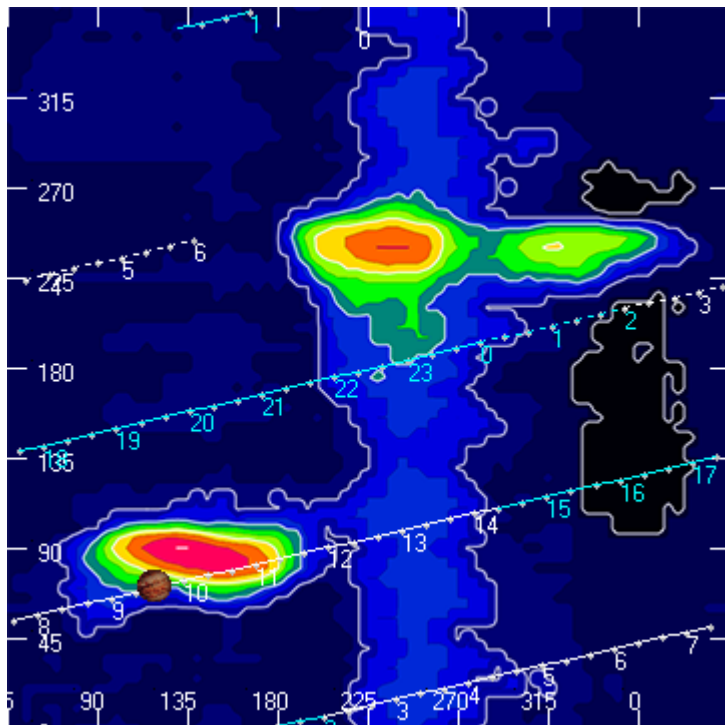
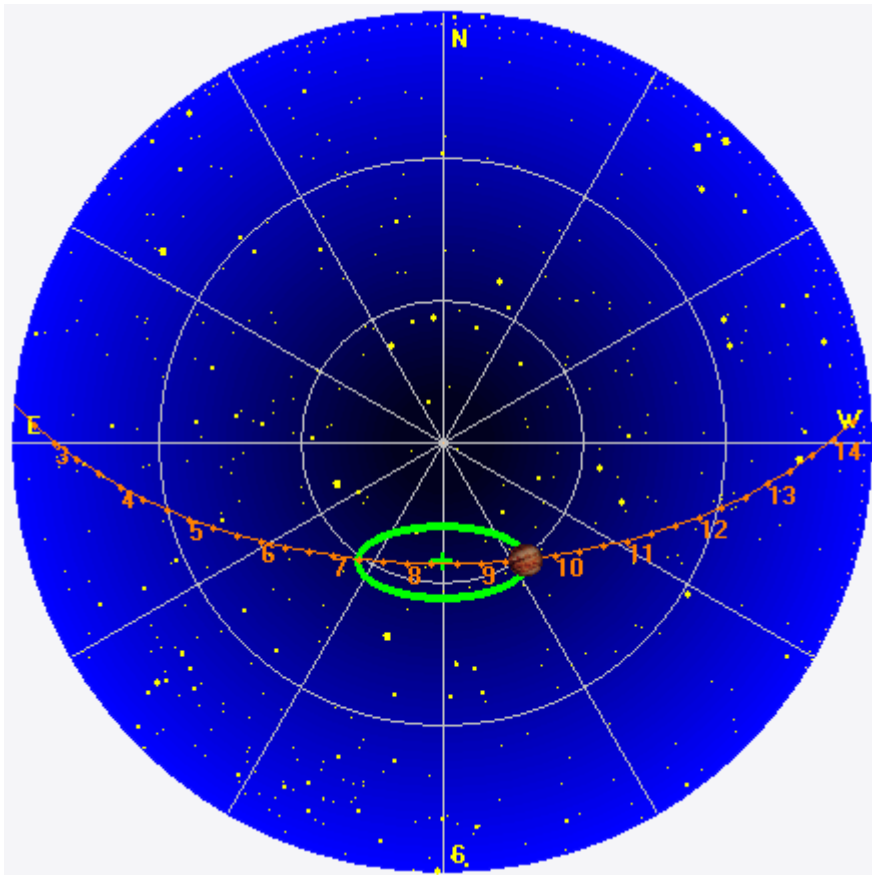
Jupiter was -7° to $+41^\circ$ off axis.

Jupiter was leading the Sun by 137° .

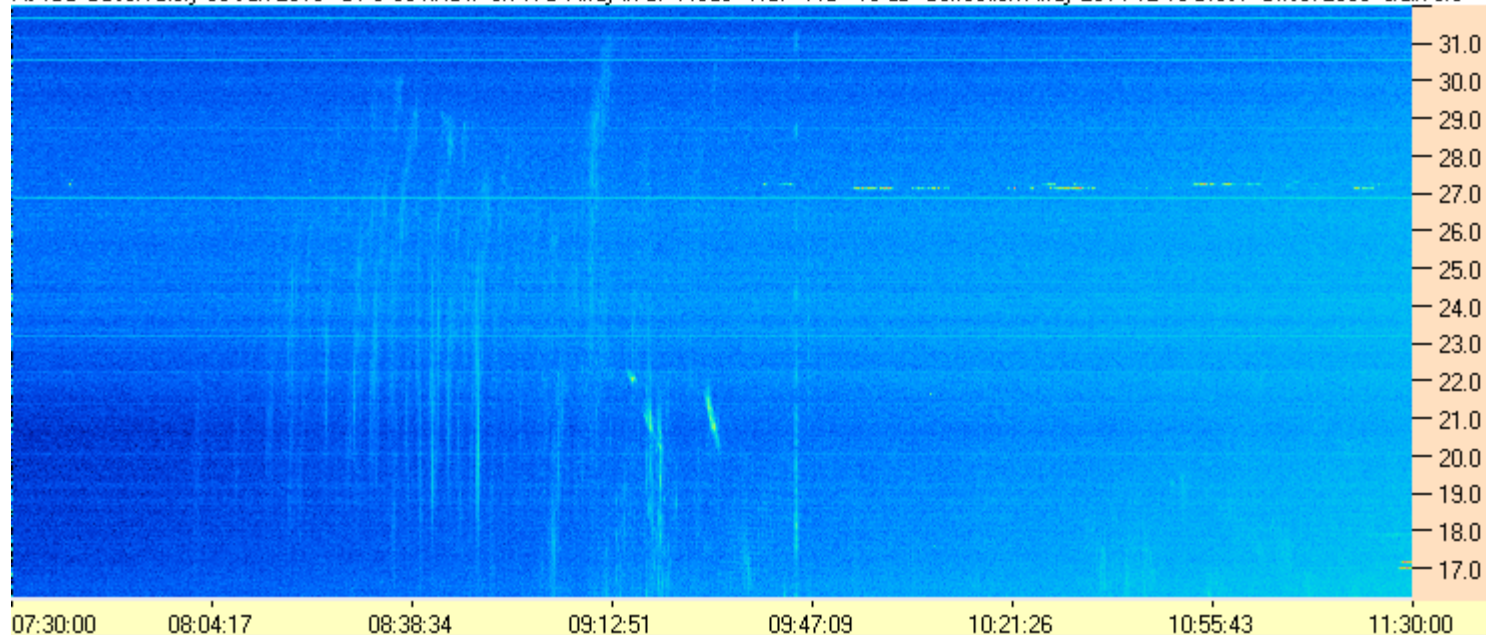
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Dave

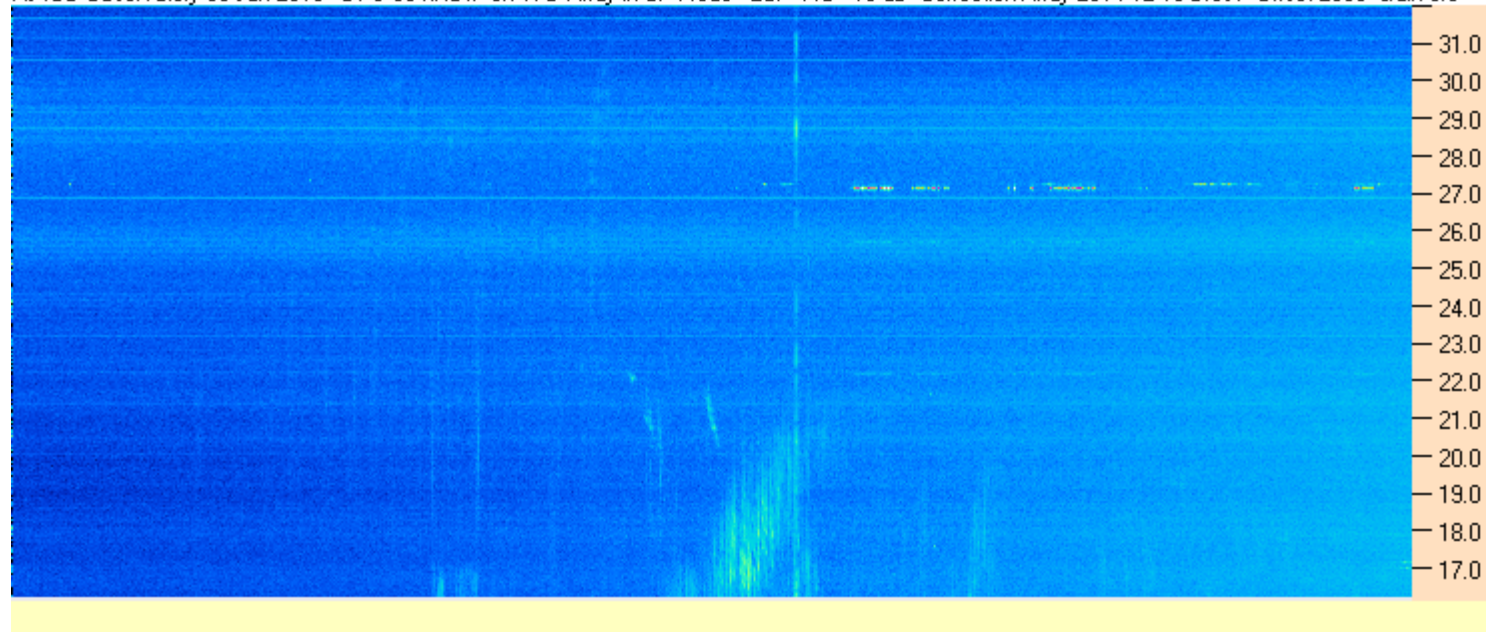
AJ4CO Observatory 30 Jan 2016, log entry 573 - 575

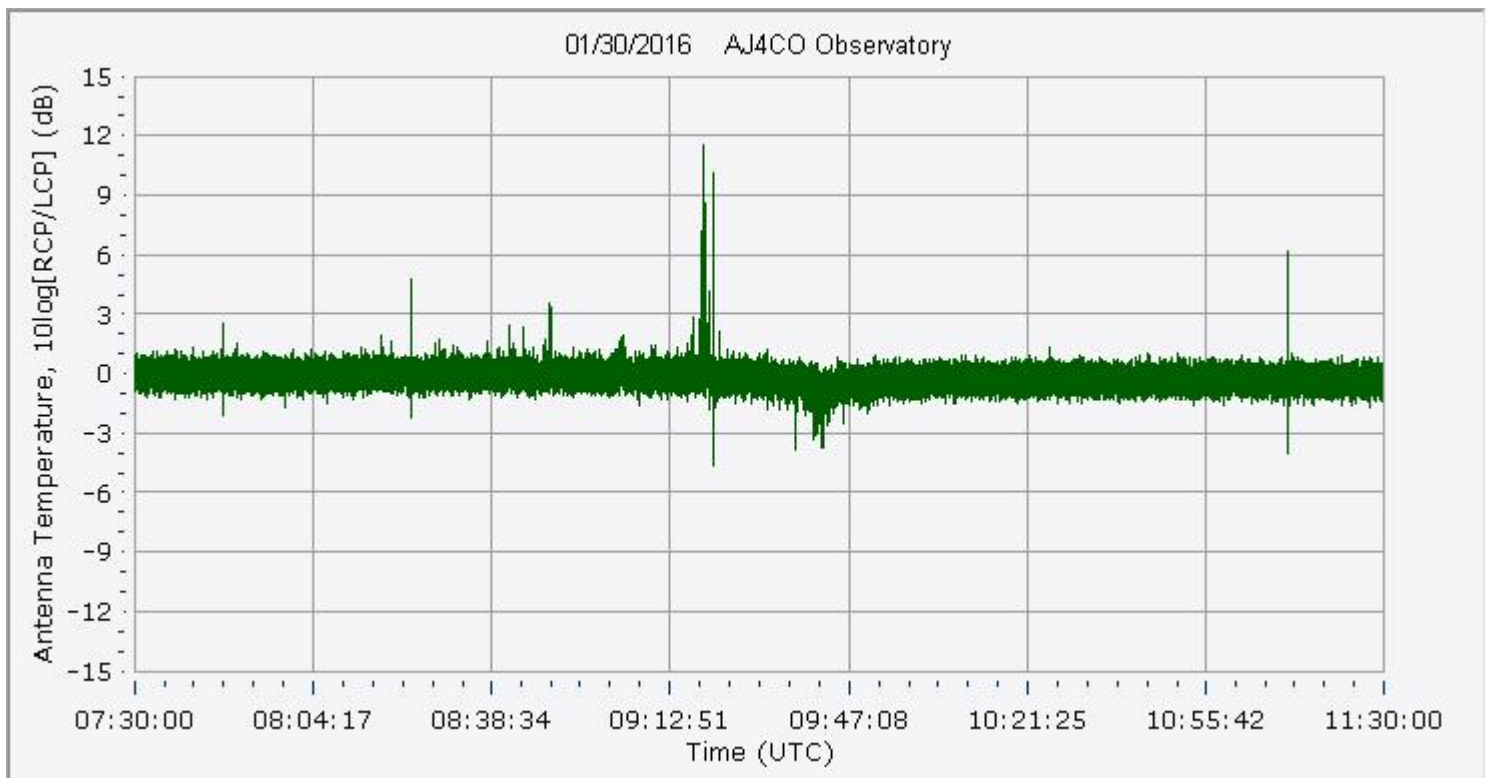
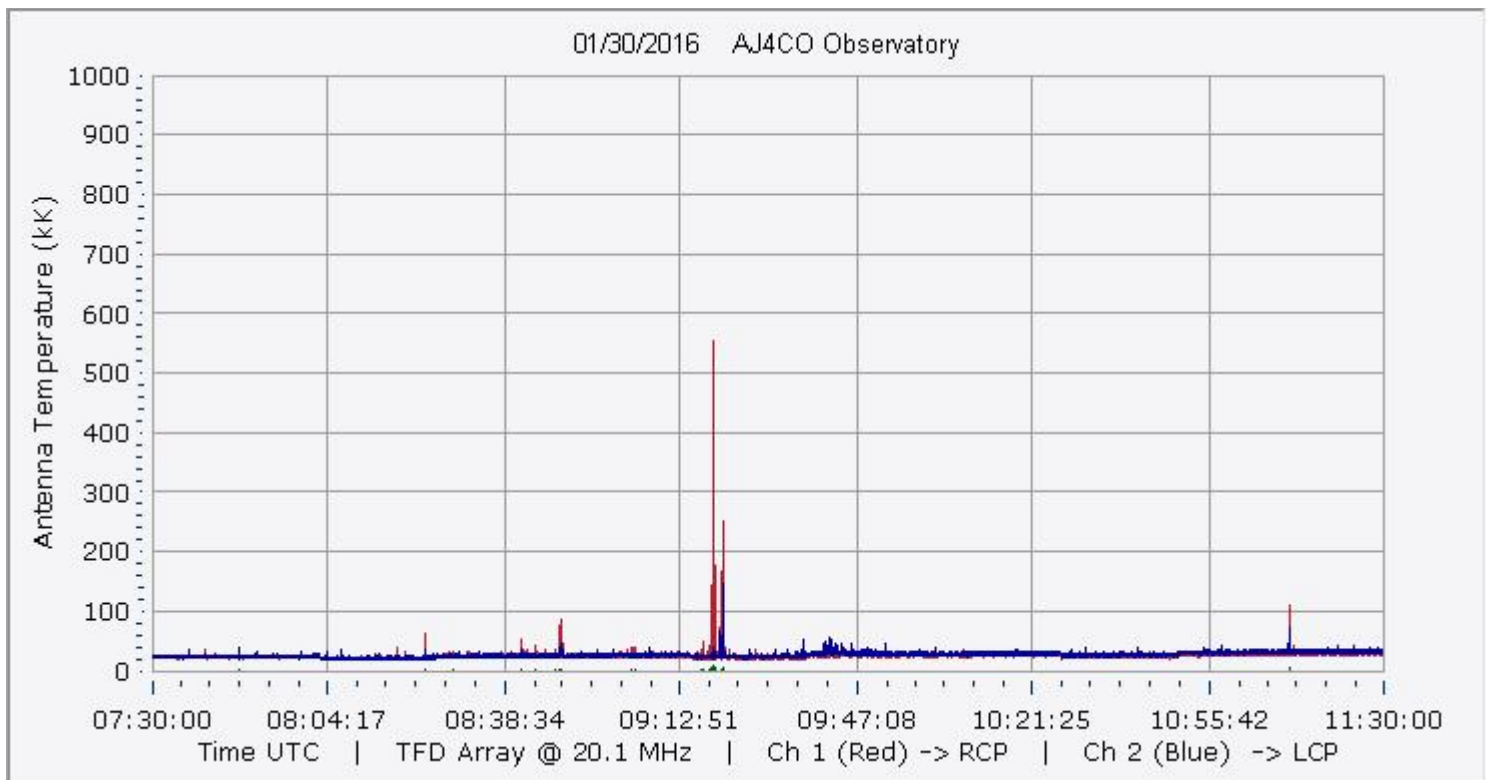


AJ4CO Observatory 30 Jan 2016 - DPS 30 kHz IF on TFD Array in CP Mode - RCP MC +13 dB Correction Array 2014 12 18 B.csv Offset 2050 Gain 5.0

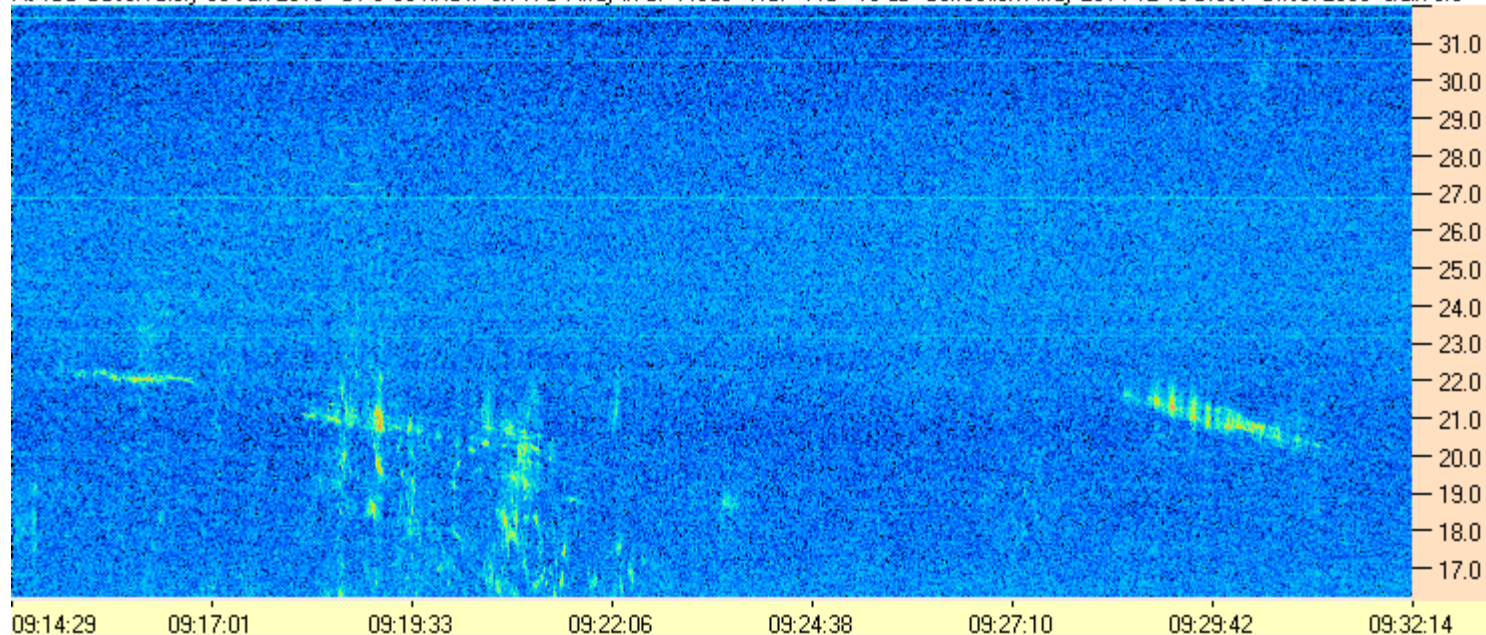


AJ4CO Observatory 30 Jan 2016 - DPS 30 kHz IF on TFD Array in CP Mode - LCP MC +13 dB Correction Array 2014 12 18 B.csv Offset 2050 Gain 5.0

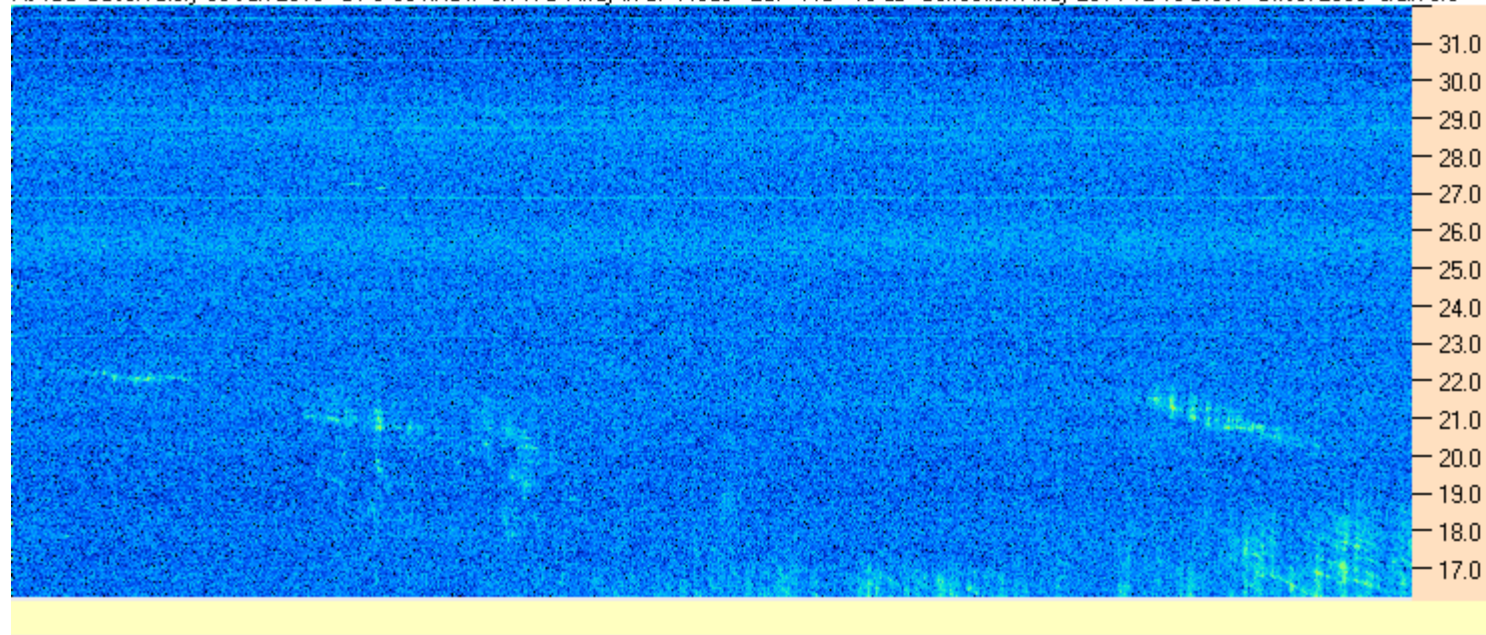


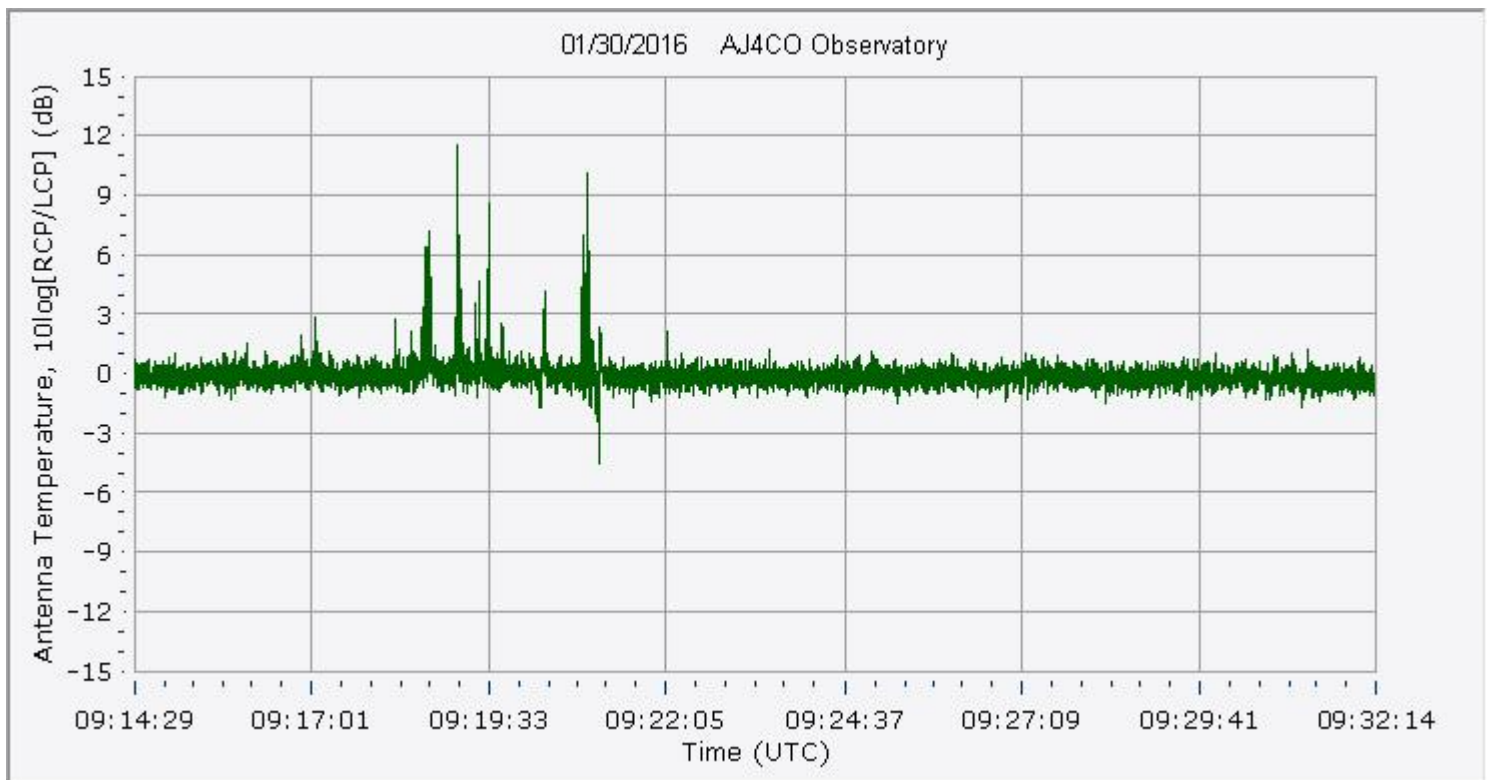
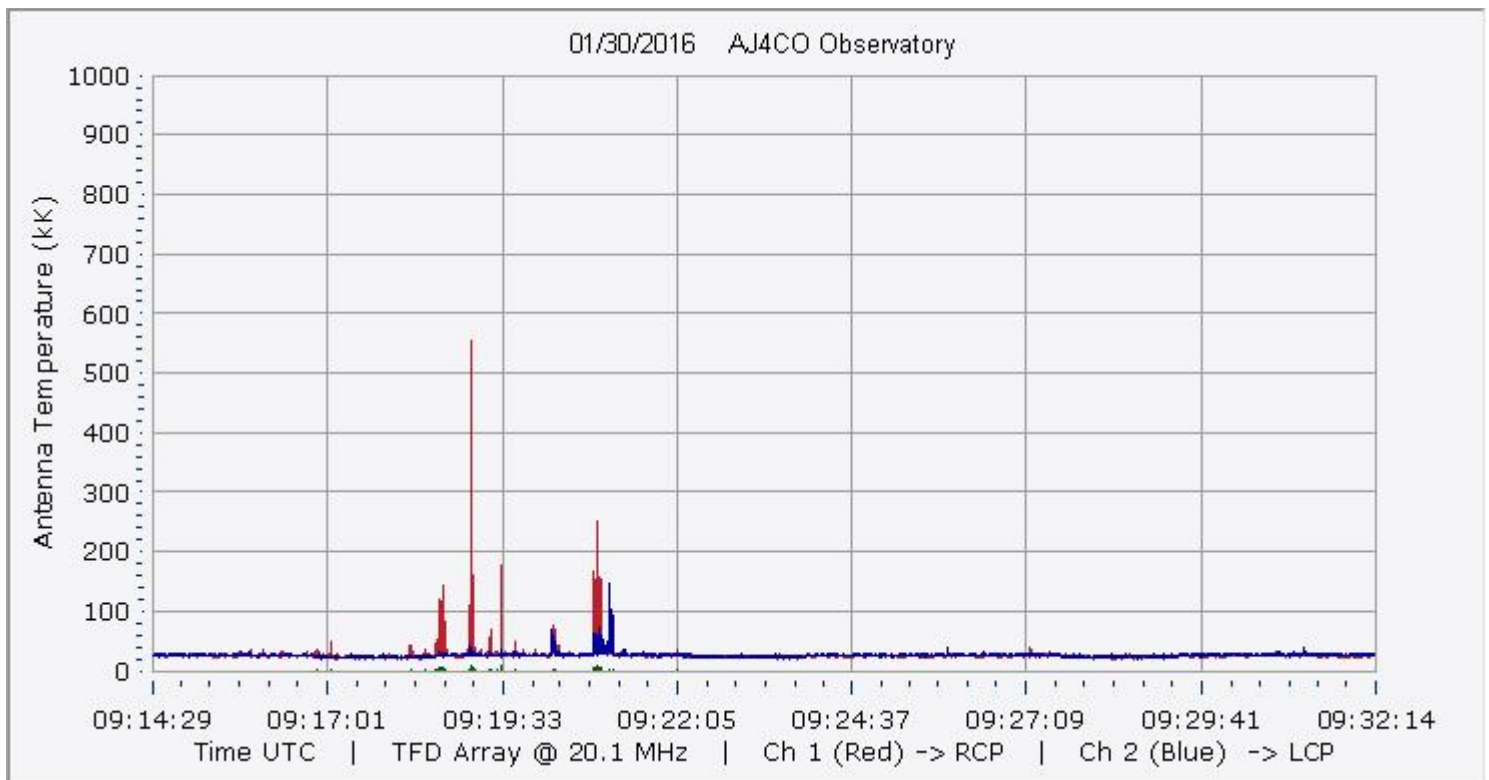


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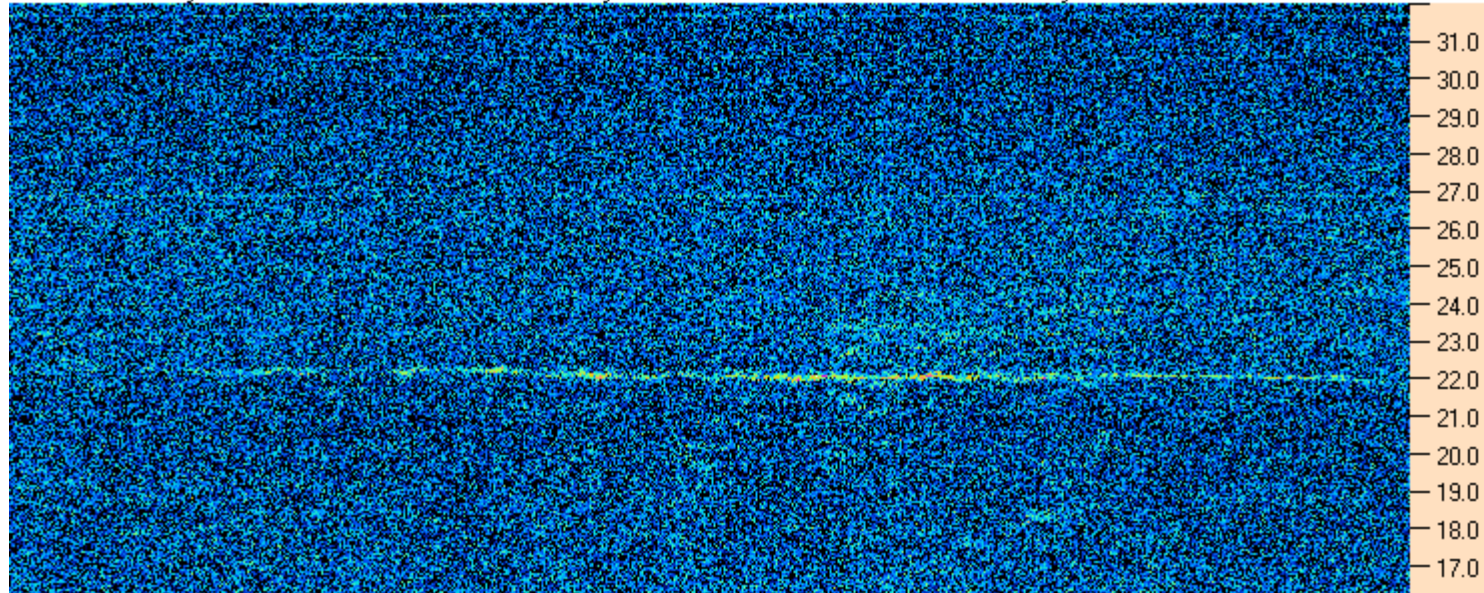


AJ4CO Observatory 30 Jan 2016 - DPS 30 kHz IF on TFD Array in CP Mode - LCP MC +13 dB Correction Array 2014 12 18 B.csv Offset 2050 Gain 5.0



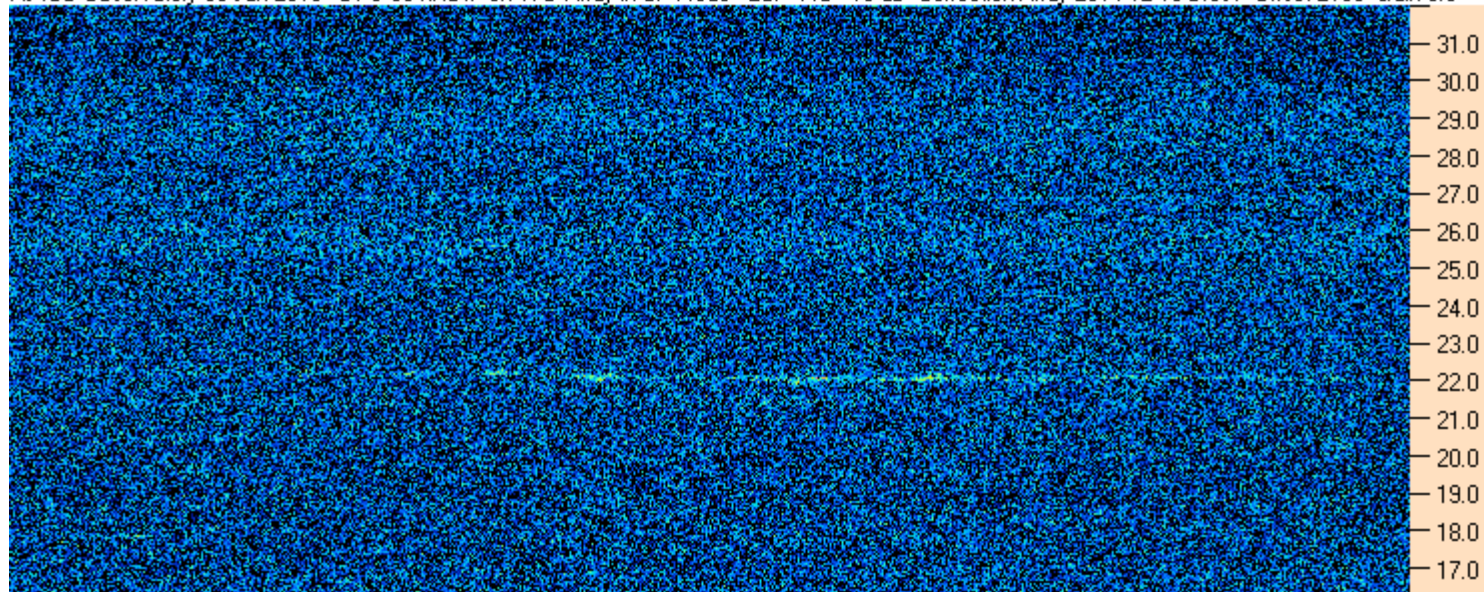


AJ4CO Observatory 30 Jan 2016 - DPS 30 kHz IF on TFD Array in CP Mode - RCP MC +13 dB Correction Array 2014 12 18 B.csv Offset 2100 Gain 5.0

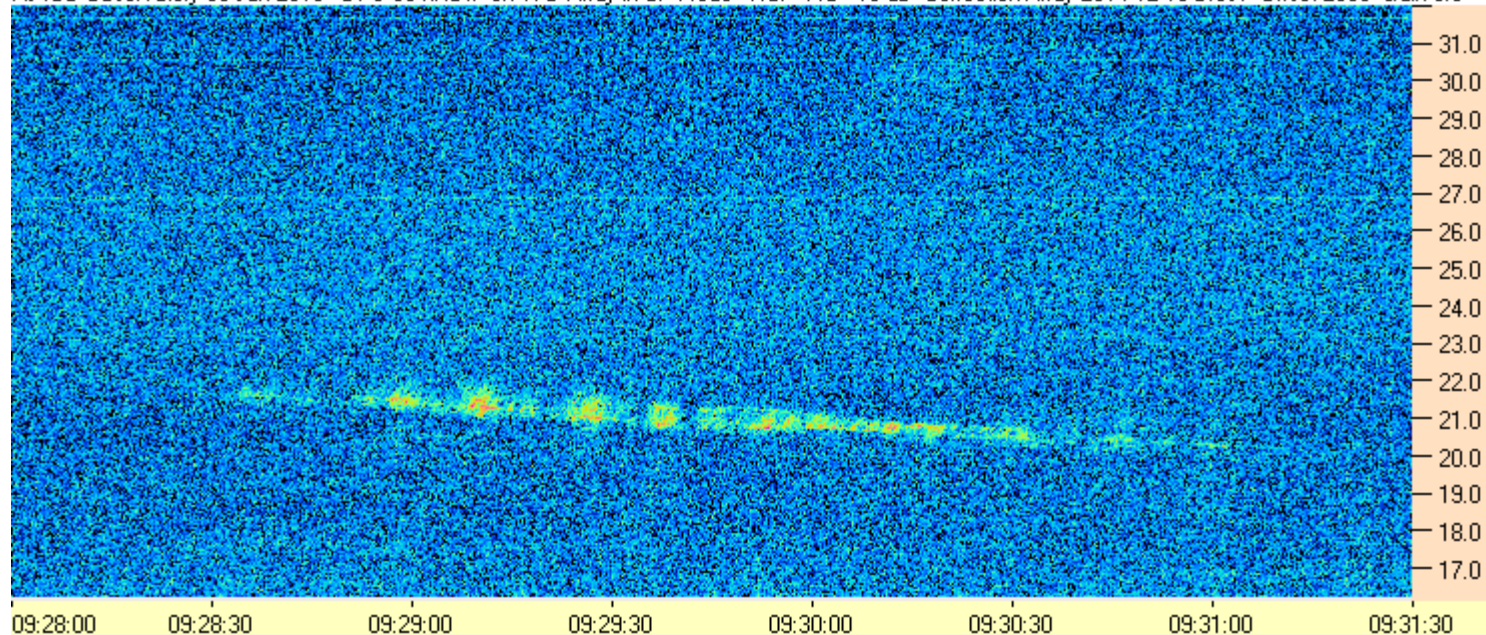


09:15:00 09:15:16 09:15:31 09:15:47 09:16:03 09:16:19 09:16:34 09:16:50

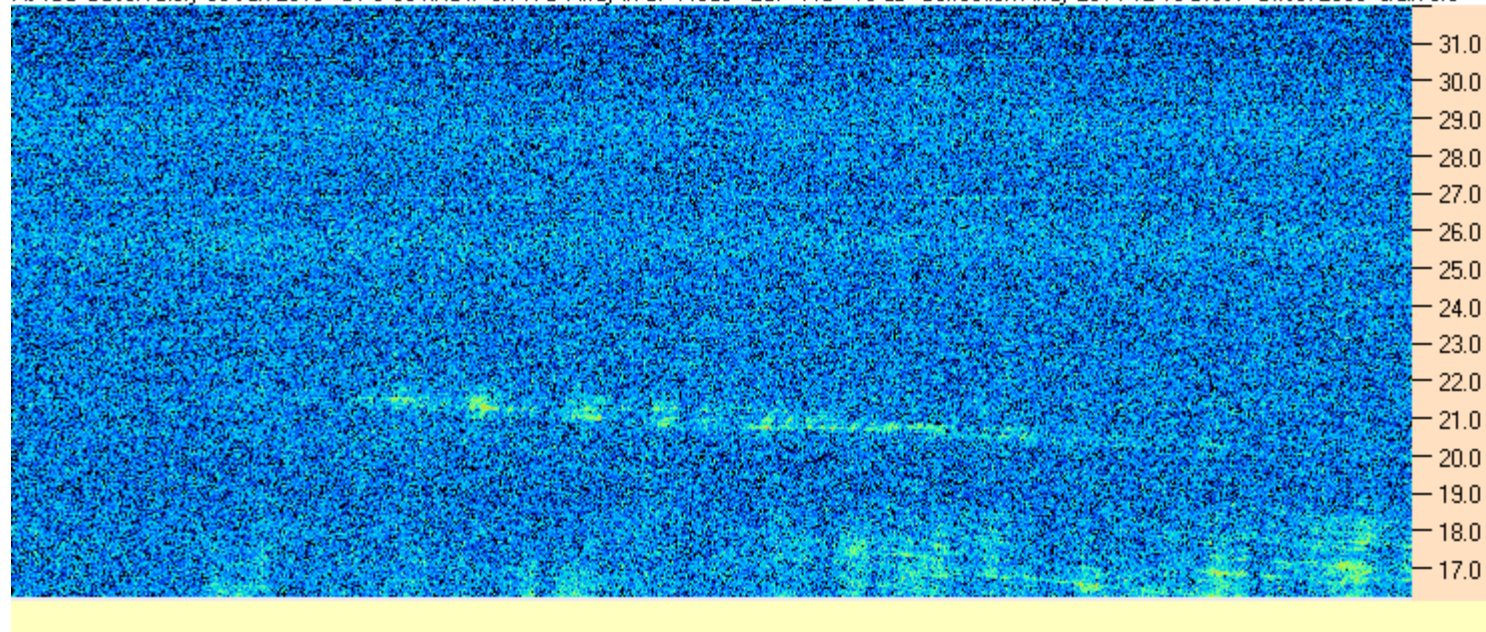
AJ4CO Observatory 30 Jan 2016 - DPS 30 kHz IF on TFD Array in CP Mode - LCP MC +13 dB Correction Array 2014 12 18 B.csv Offset 2100 Gain 5.0



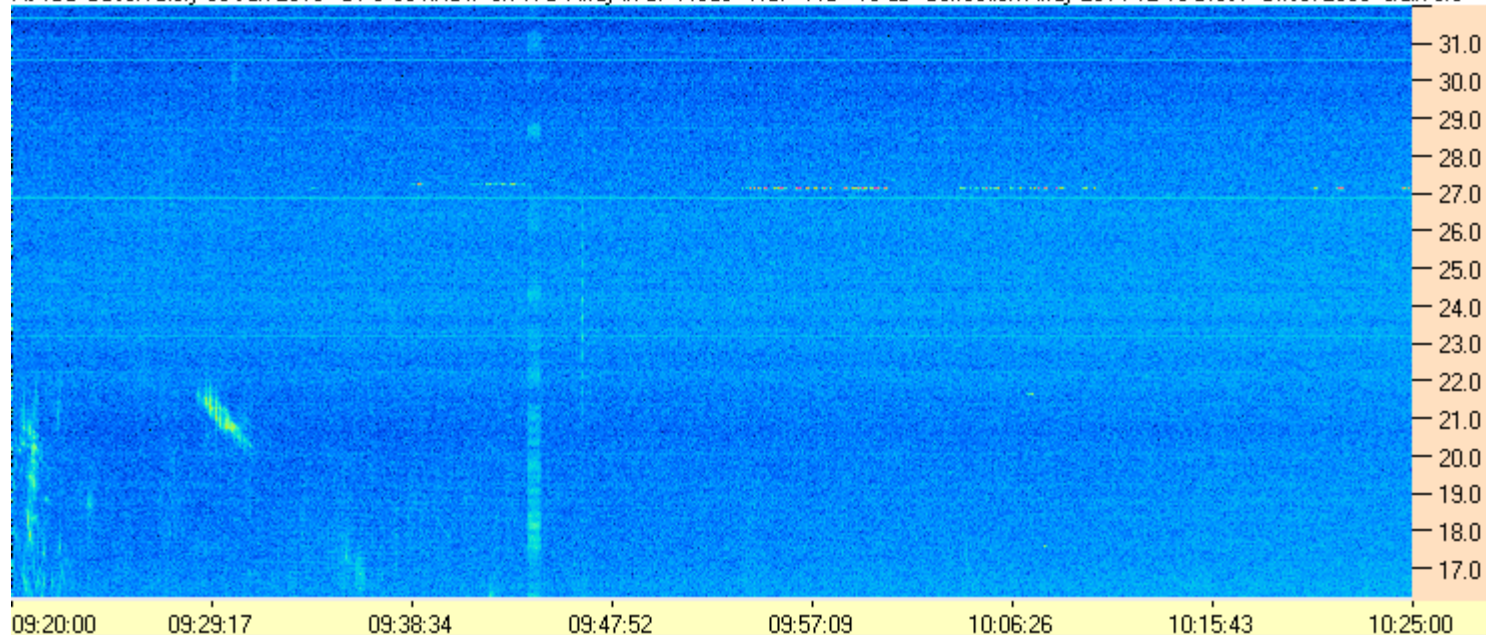
AJ4CO Observatory 30 Jan 2016 - DPS 30 kHz IF on TFD Array in CP Mode - RCP MC +13 dB Correction Array 2014 12 18 B.csv Offset 2050 Gain 5.0



AJ4CO Observatory 30 Jan 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



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