

Subject: [radiojove-data] 03 Apr 2016 Io-B/D

From: Dave Typinski <davetyp@typnet.net>

Date: 04/04/2016 23:15

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

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

This was a **very** odd Io-B storm. No L bursting at all and the S bursting emission envelope arcs drifted in the wrong direction (but had the correct polarization). That's just weird.

A very interesting, nearly instantaneous polarization switch in the N event at 0315 UTC.

RCP dominant narrow band S burst trains 0132-0202 UTC from 18 to 25 MHz, negative drift emission envelopes. (Io-B)

RCP dominant S bursting 0211-0348 UTC from 16 to 25 MHz, negative drift emission envelopes. (Io-B)

LCP dominant N events 0251-0440 UTC from 16 to 21 MHz, vertex early (sort of) arc. (Io-D)

Weak line noise present throughout.

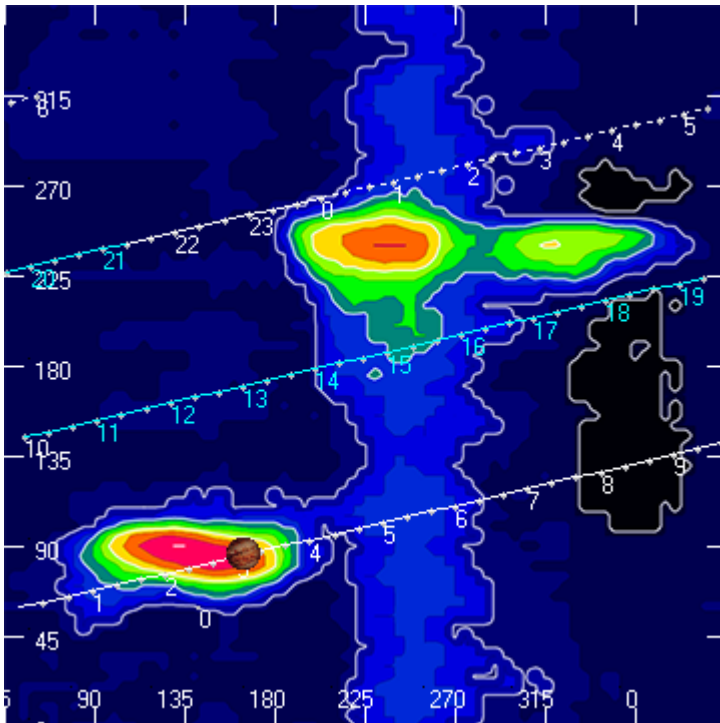
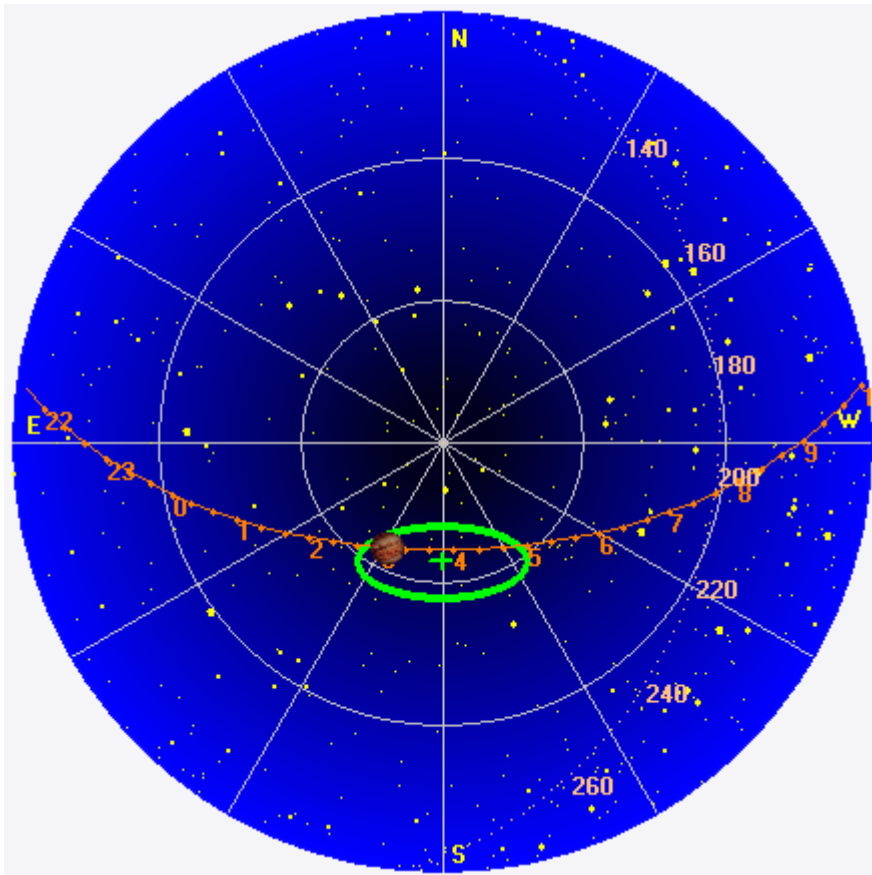
Jupiter was -35° to $+13^\circ$ off axis.

Jupiter was trailing the Sun by 151° .

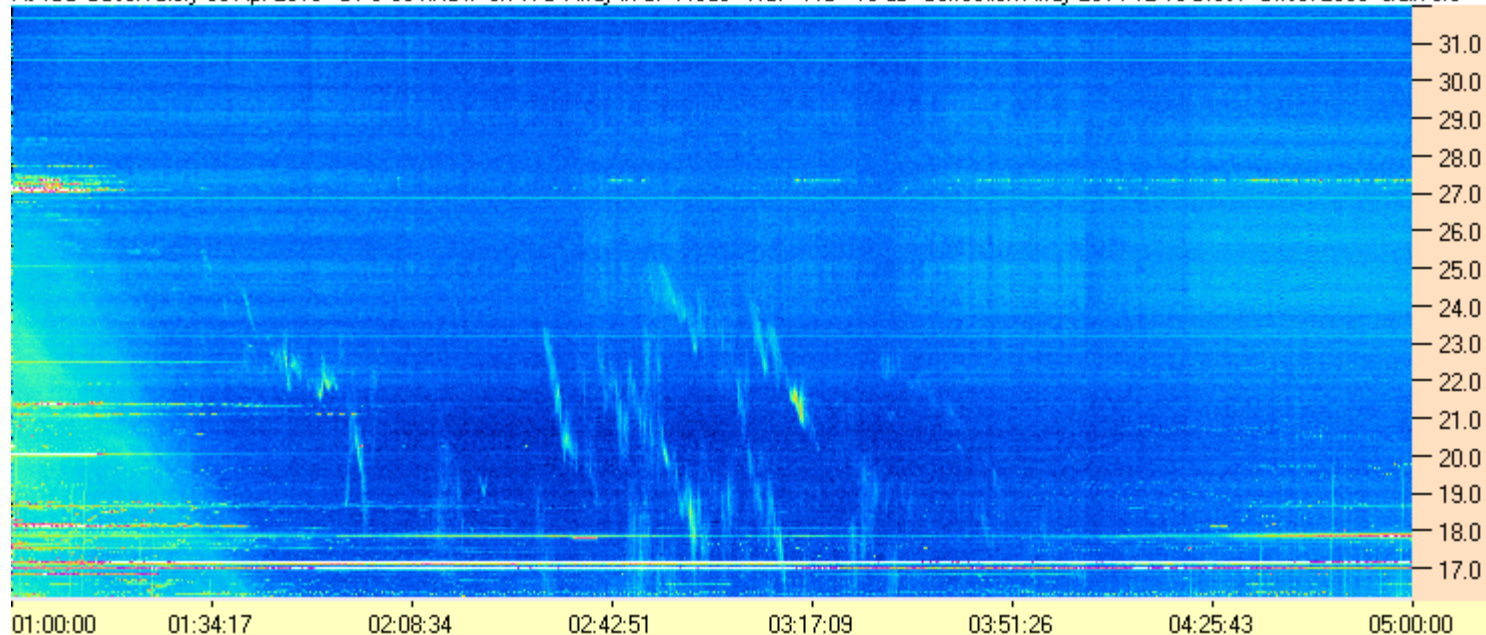
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Dave

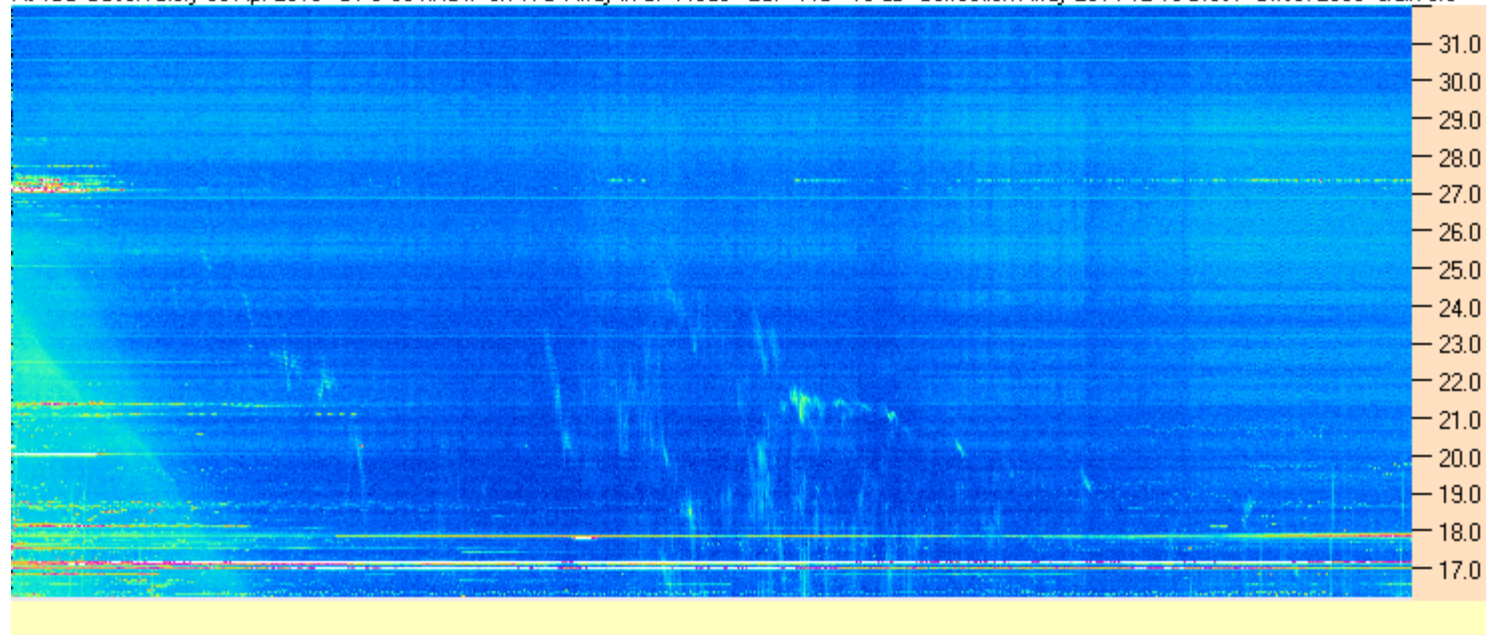
AJ4CO Observatory 03 Apr 2016, log entry 676 - 678



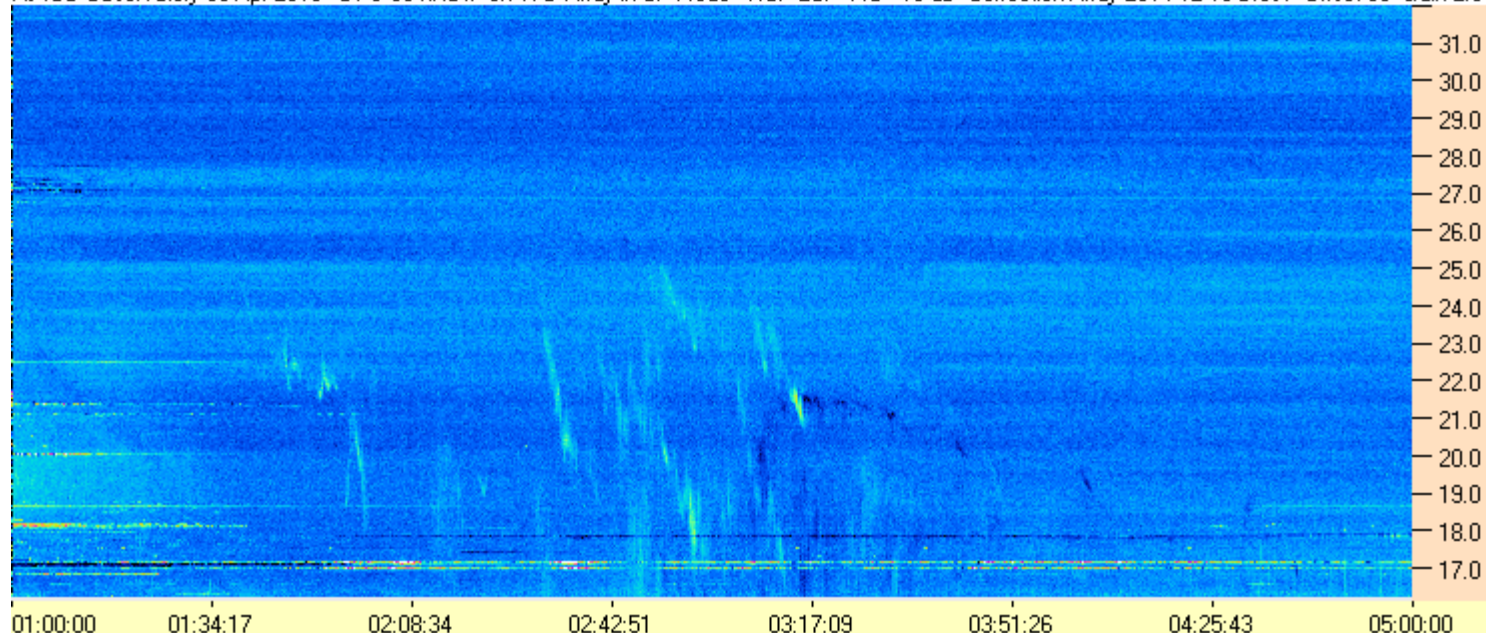
AJ4CO Observatory 03 Apr 2016 - DPS 30 kHz IF on TFD Array in CP Mode - RCP MC +13 dB Correction Array 2014 12 18 B.csv Offset 2050 Gain 5.0



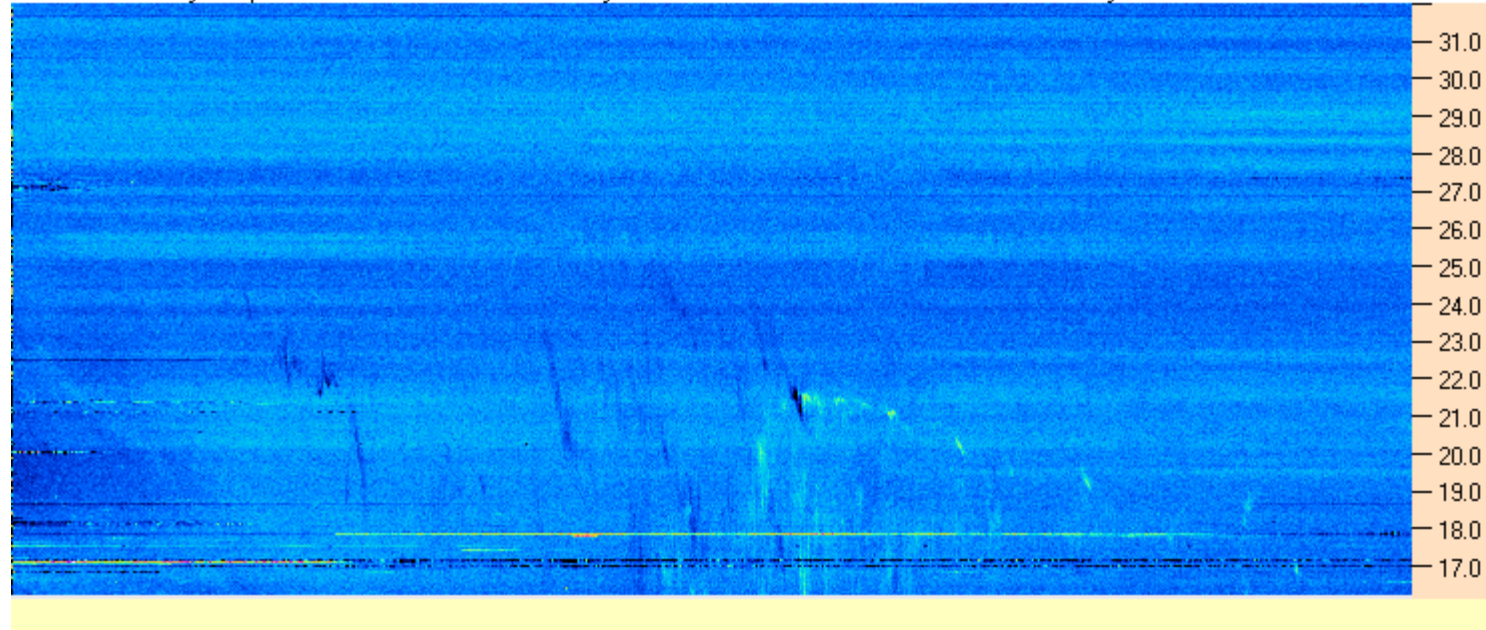
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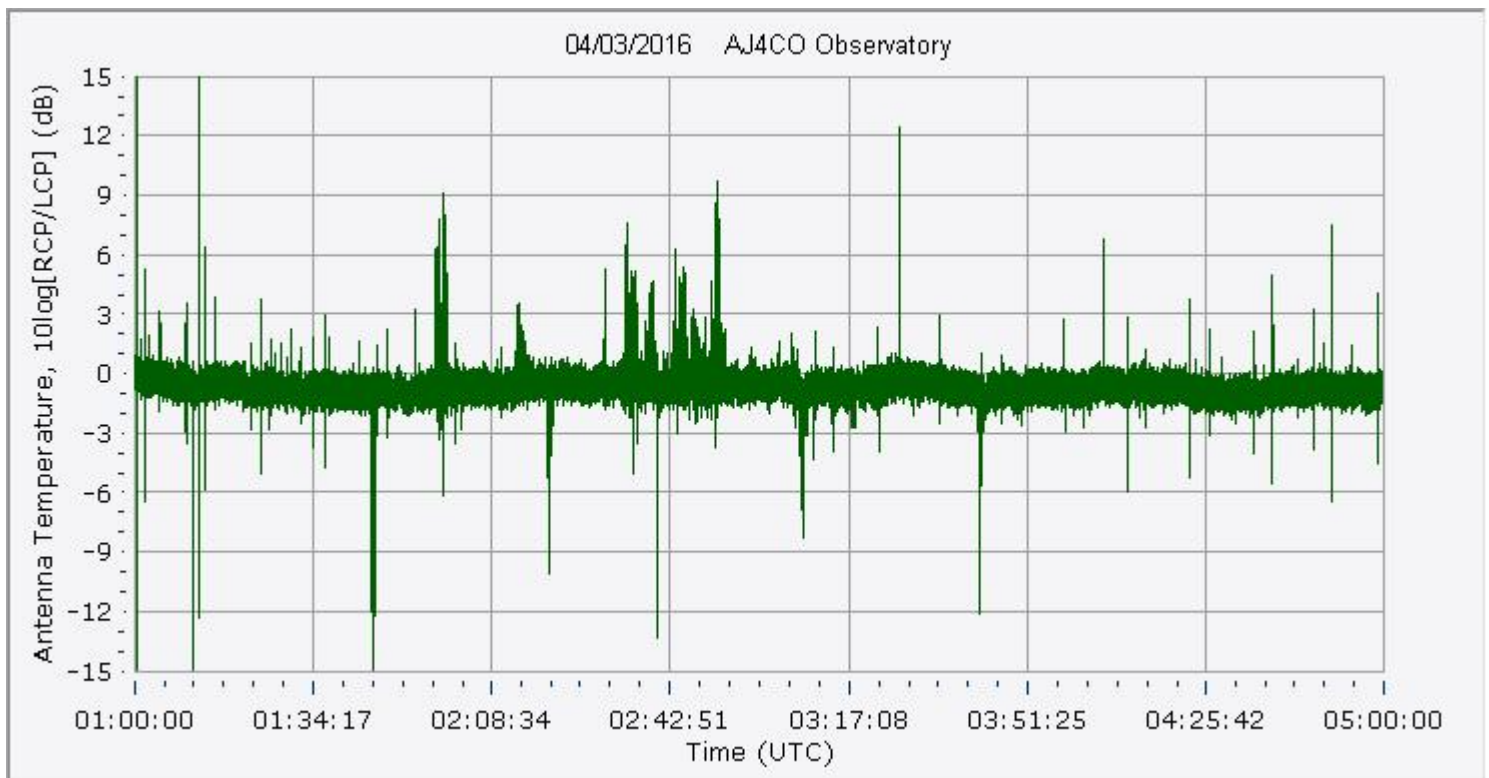
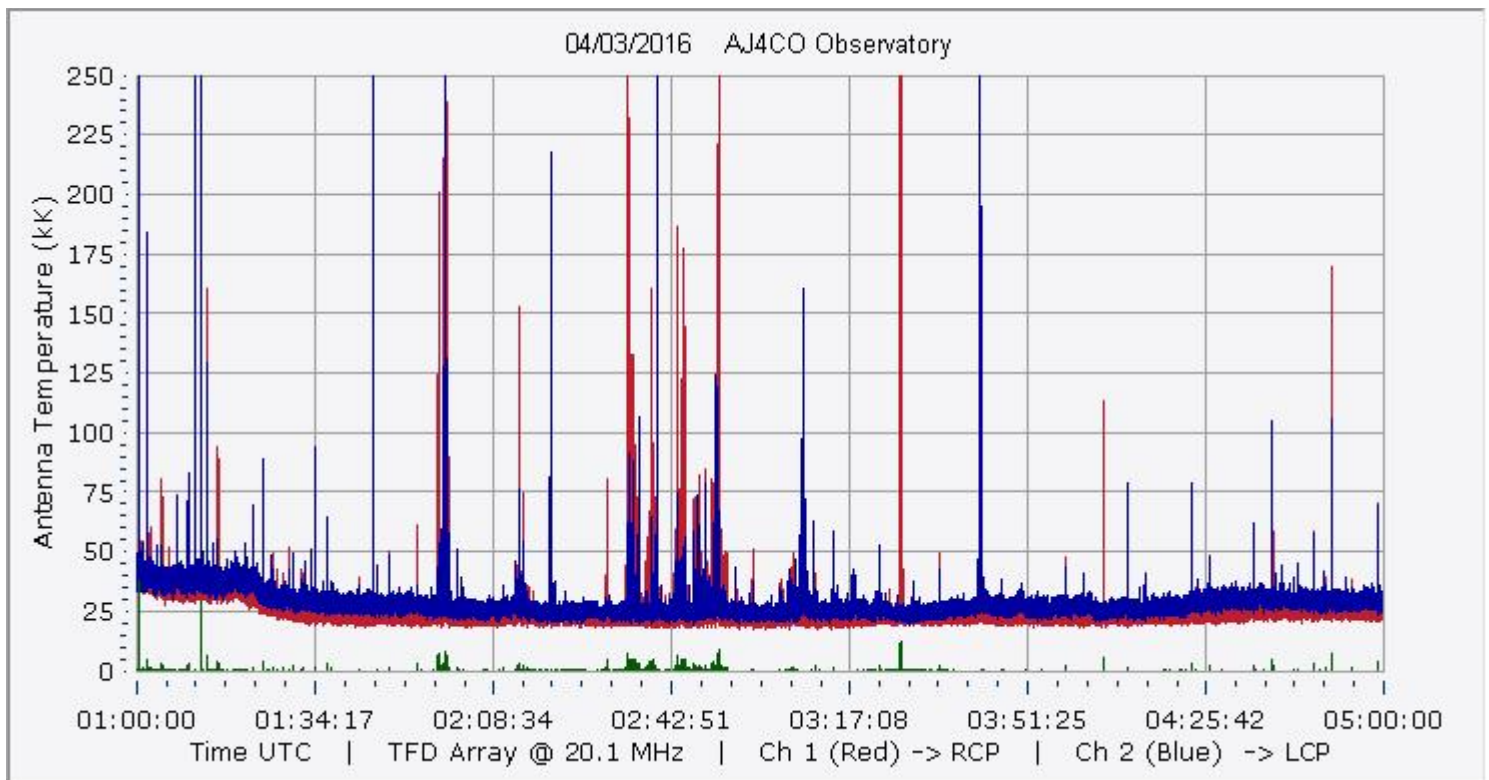


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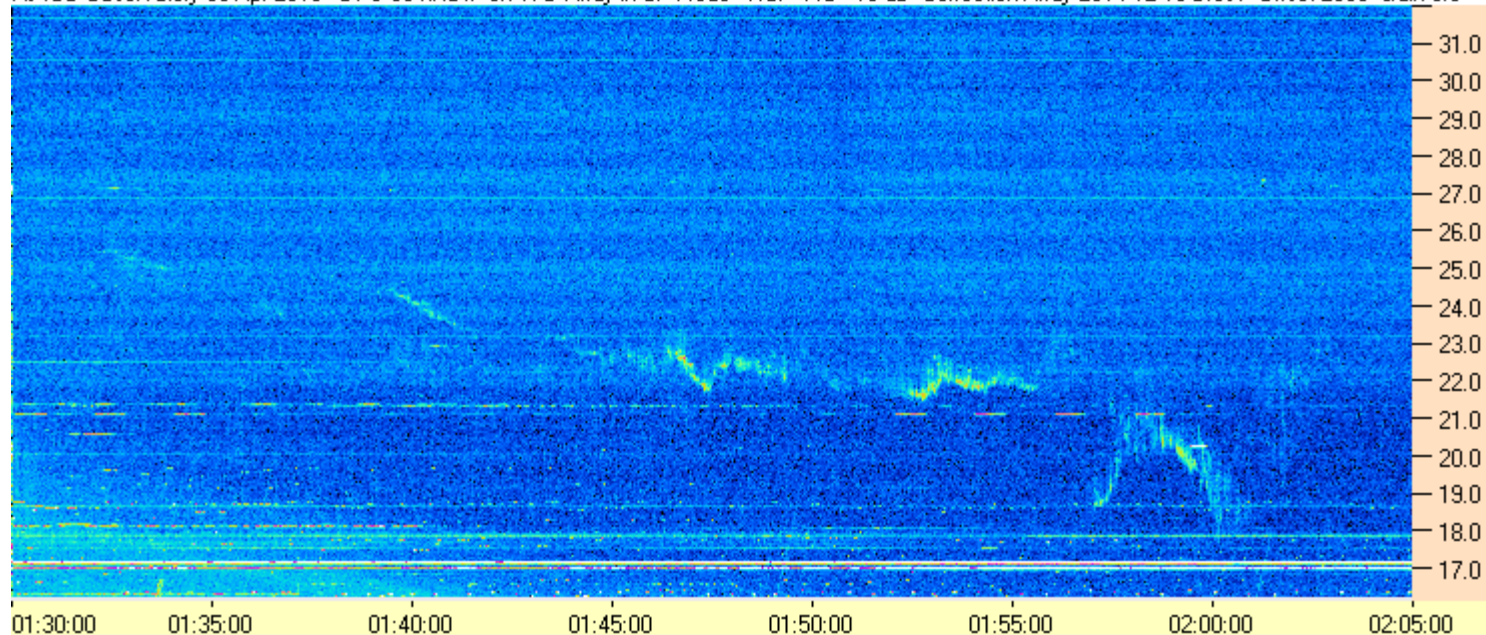


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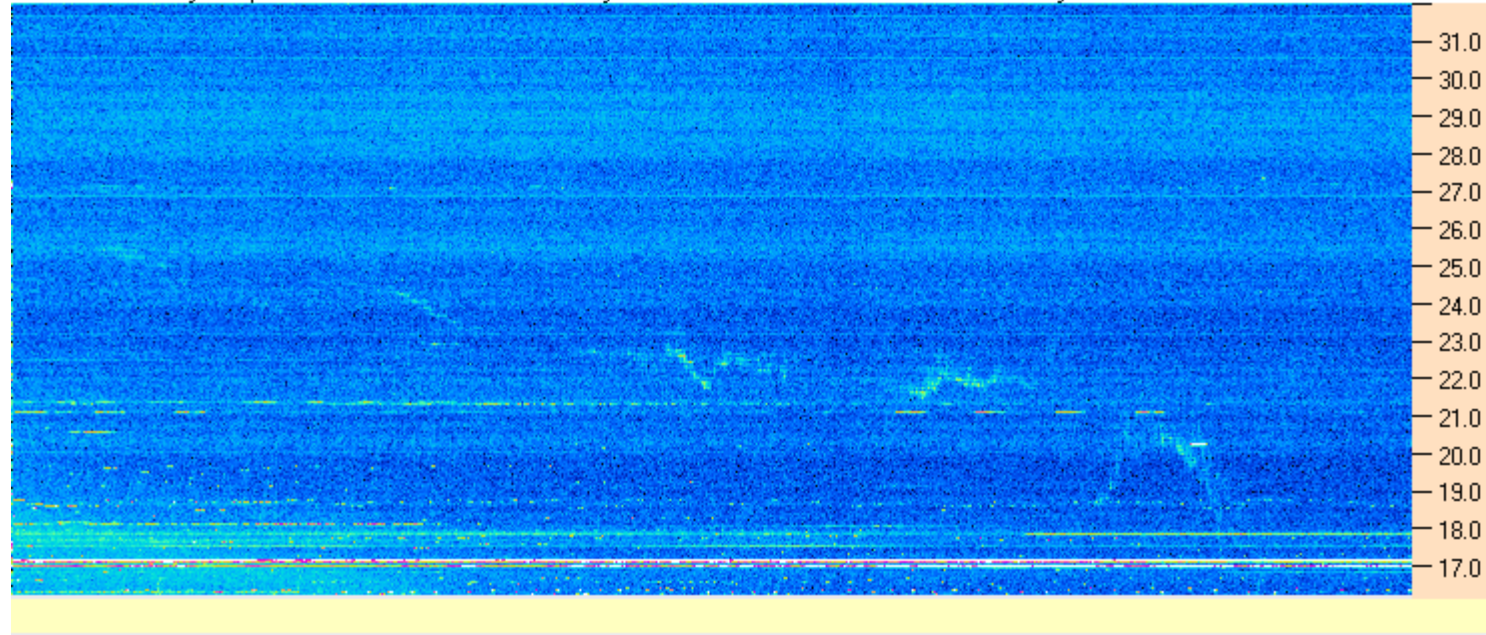


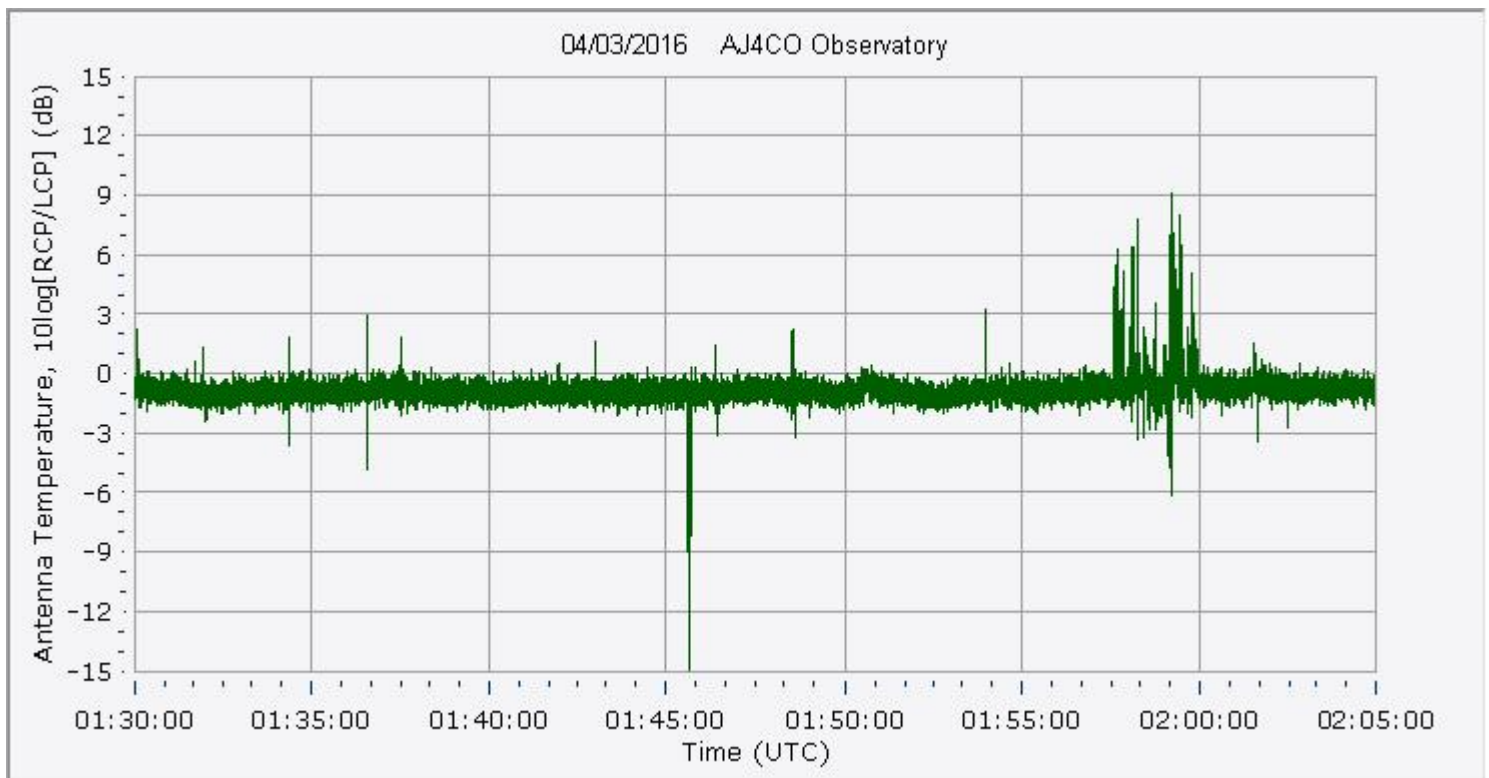
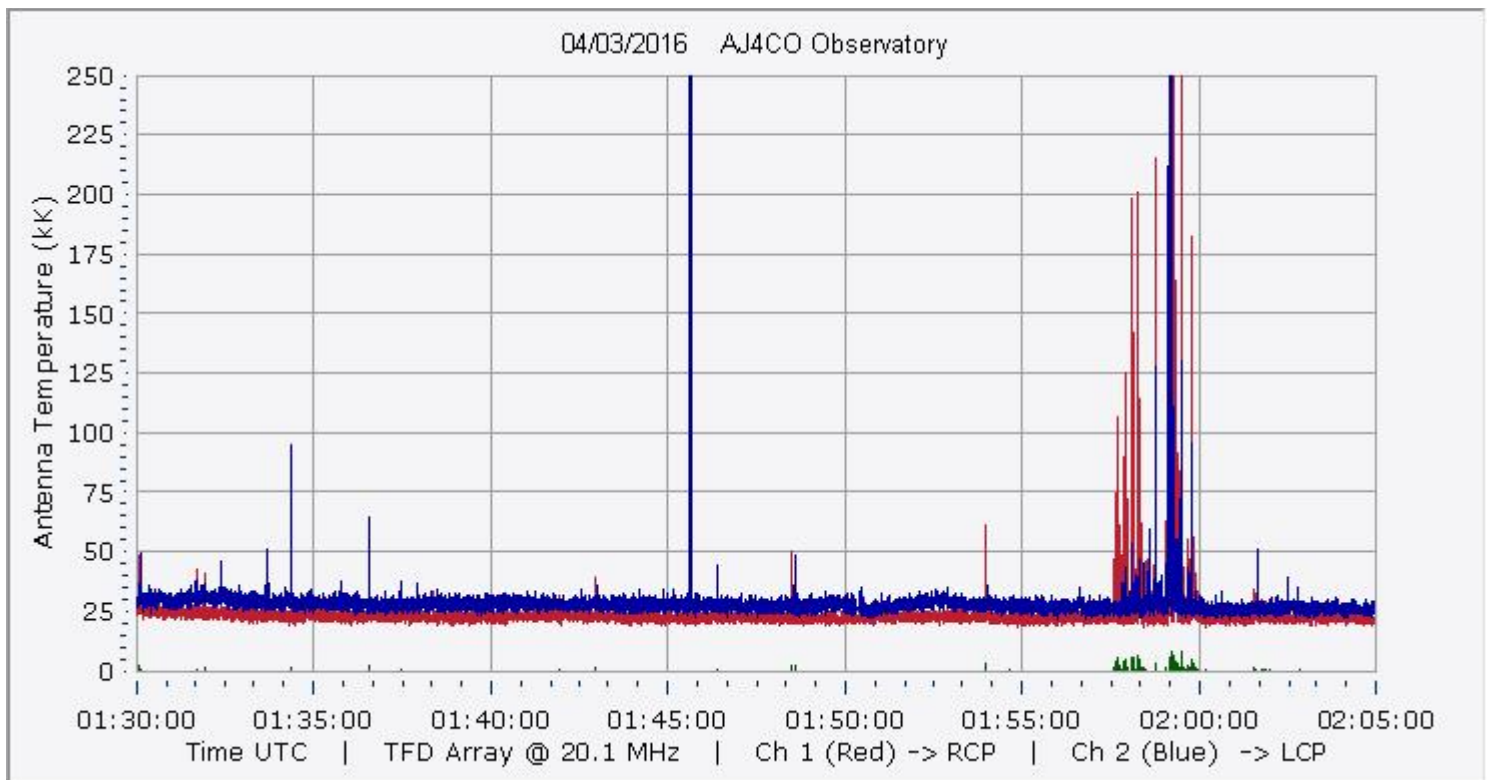


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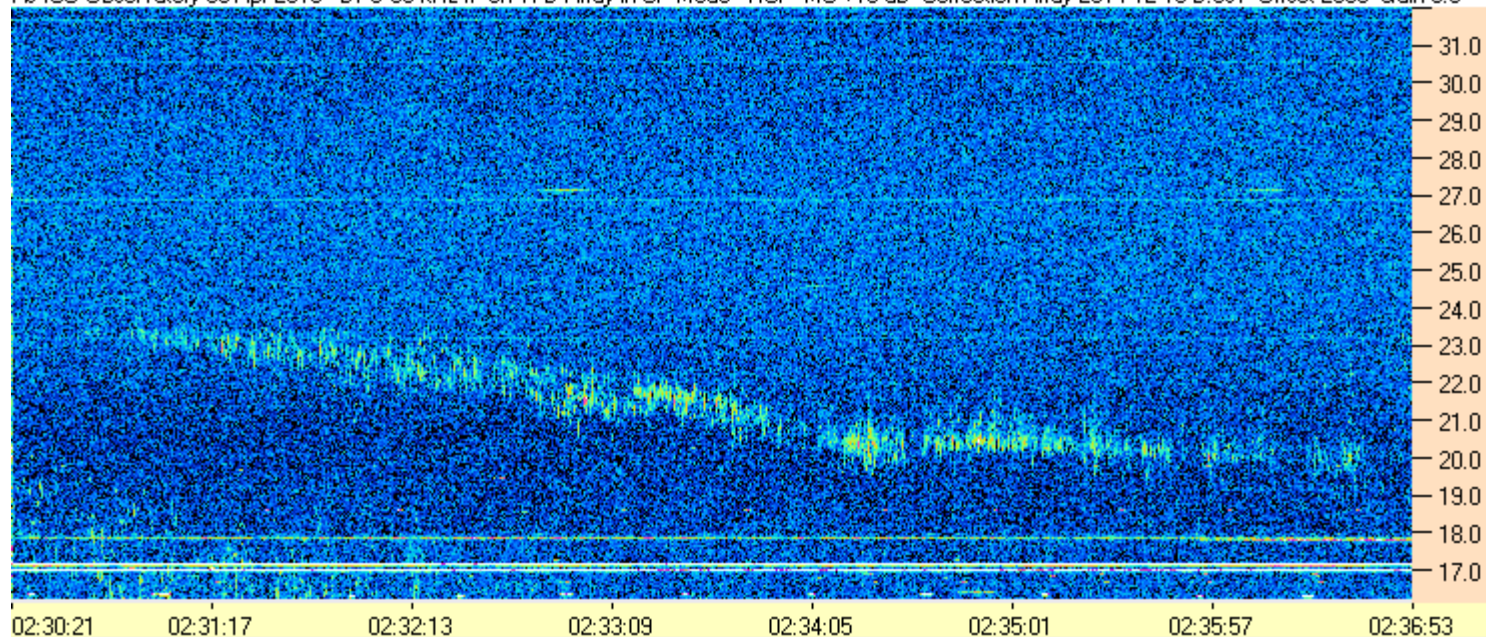


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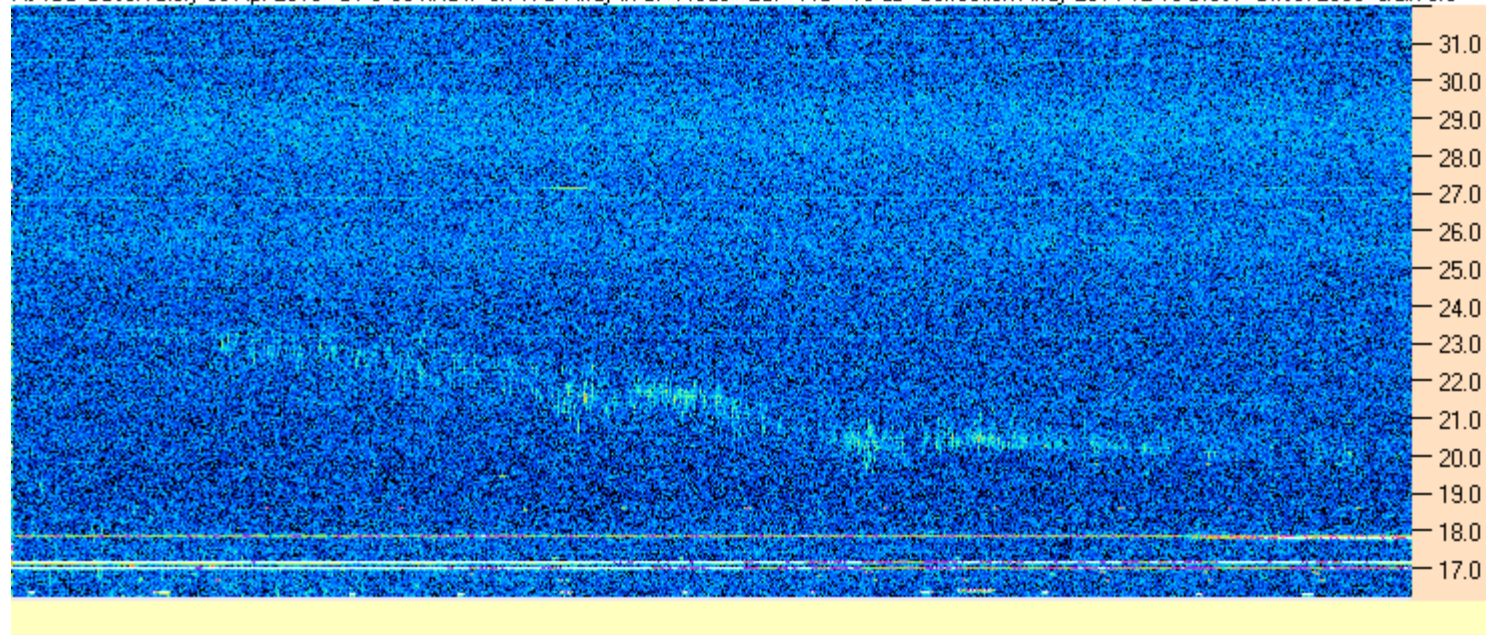


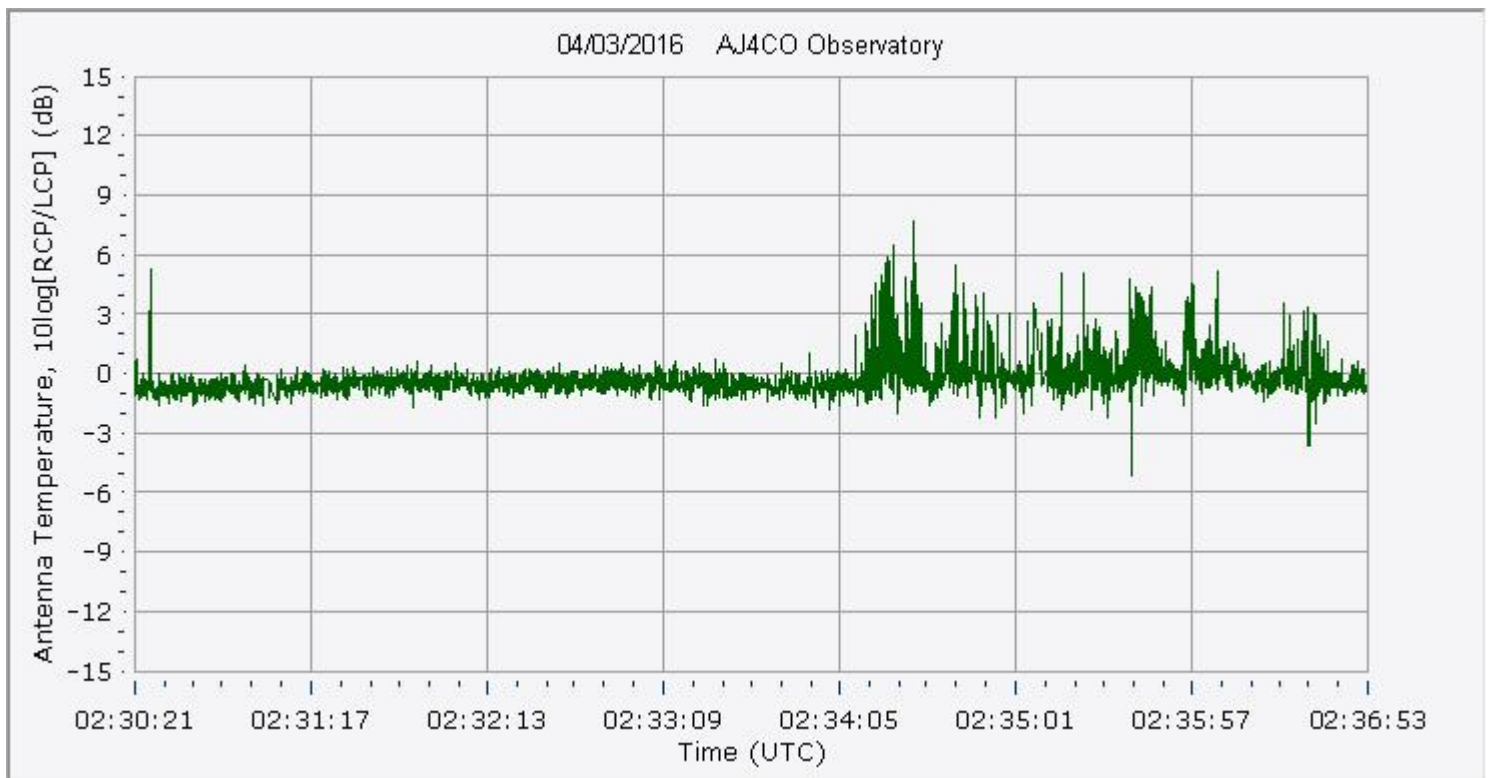
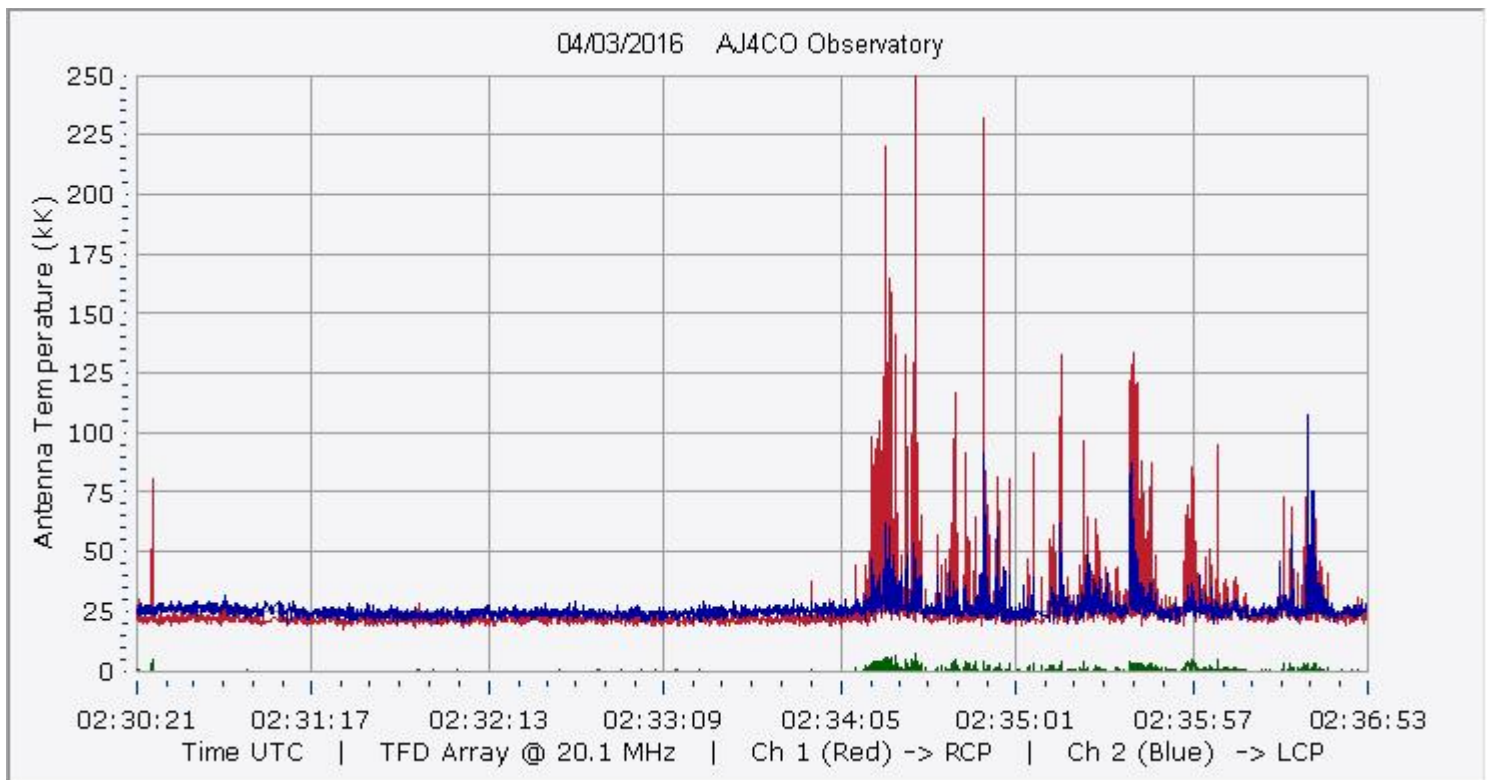


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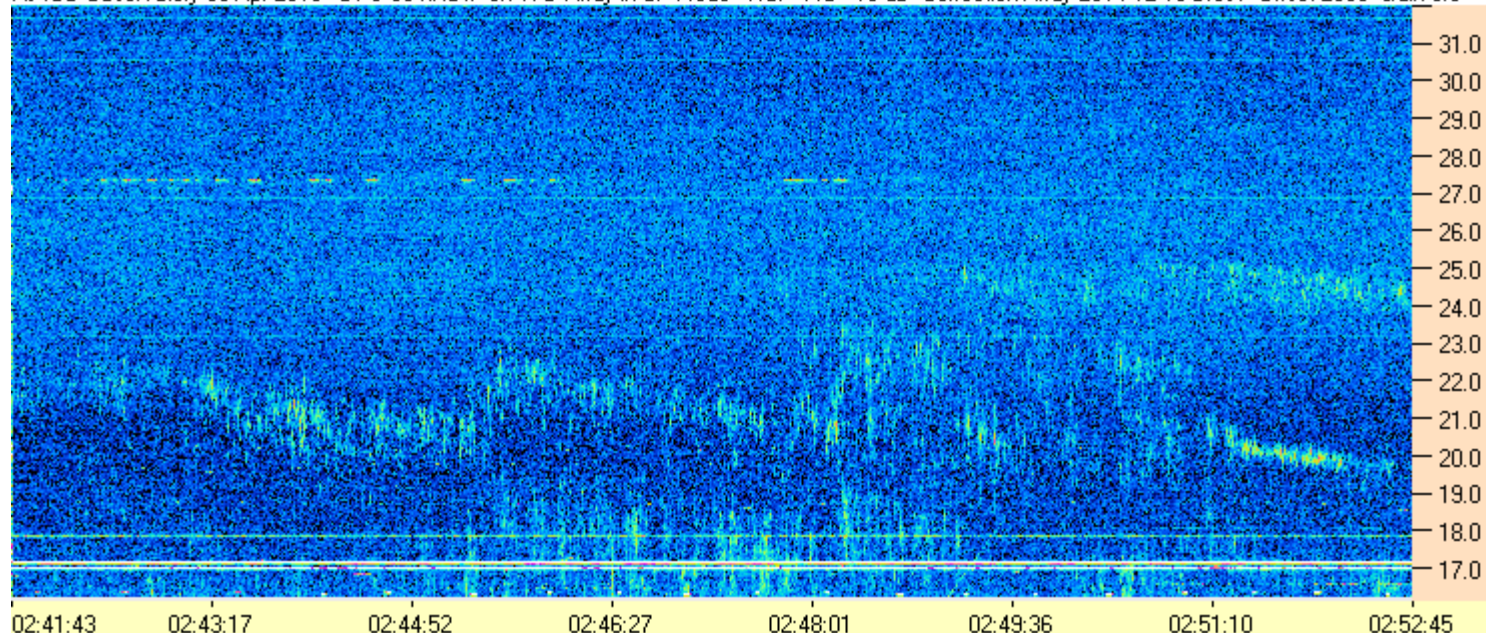


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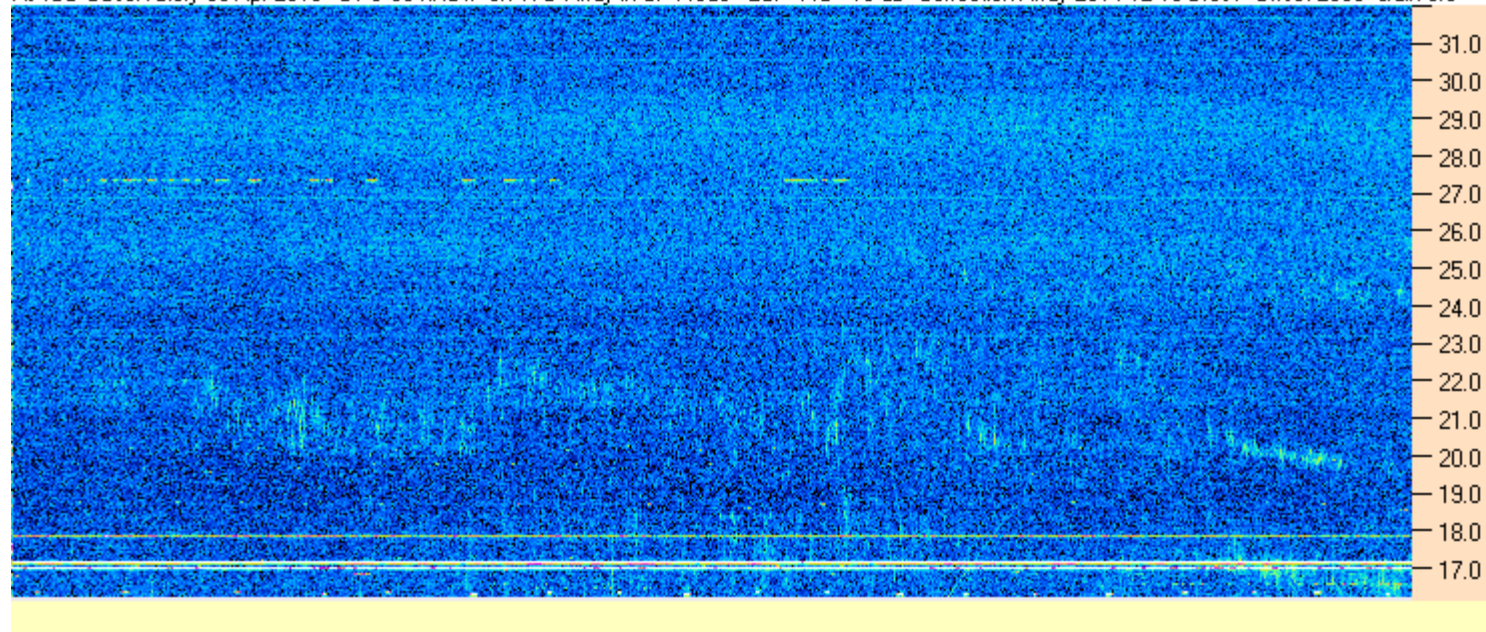


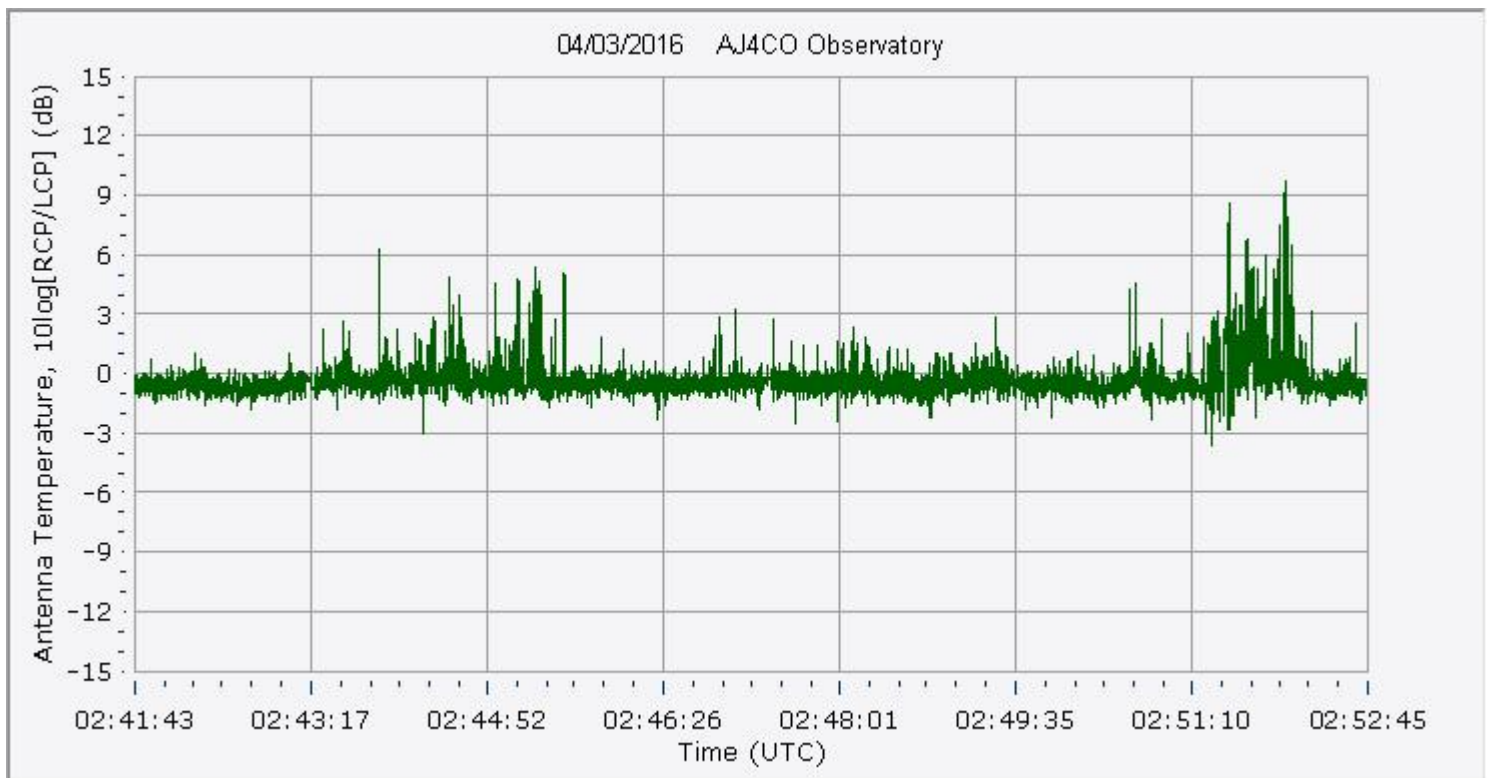
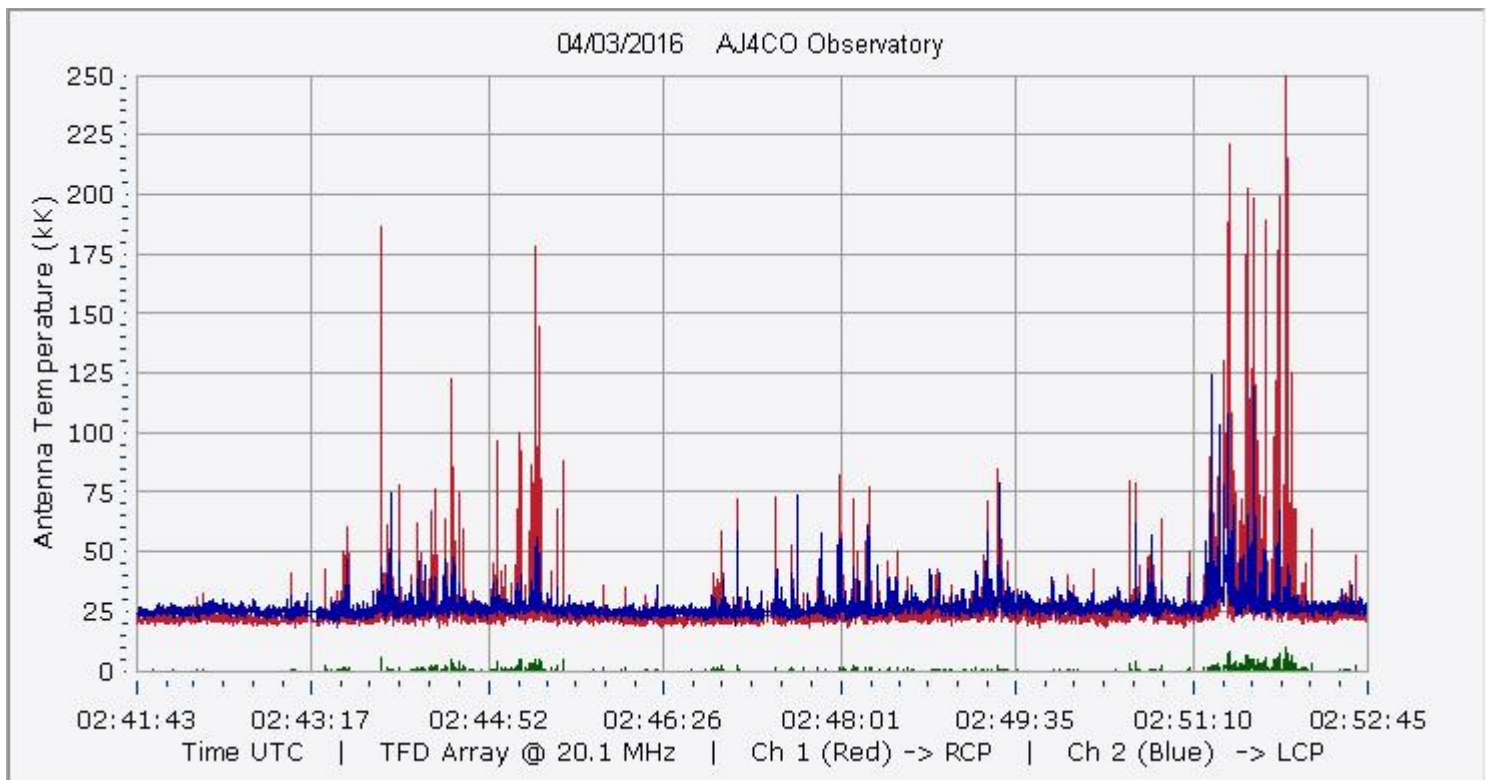


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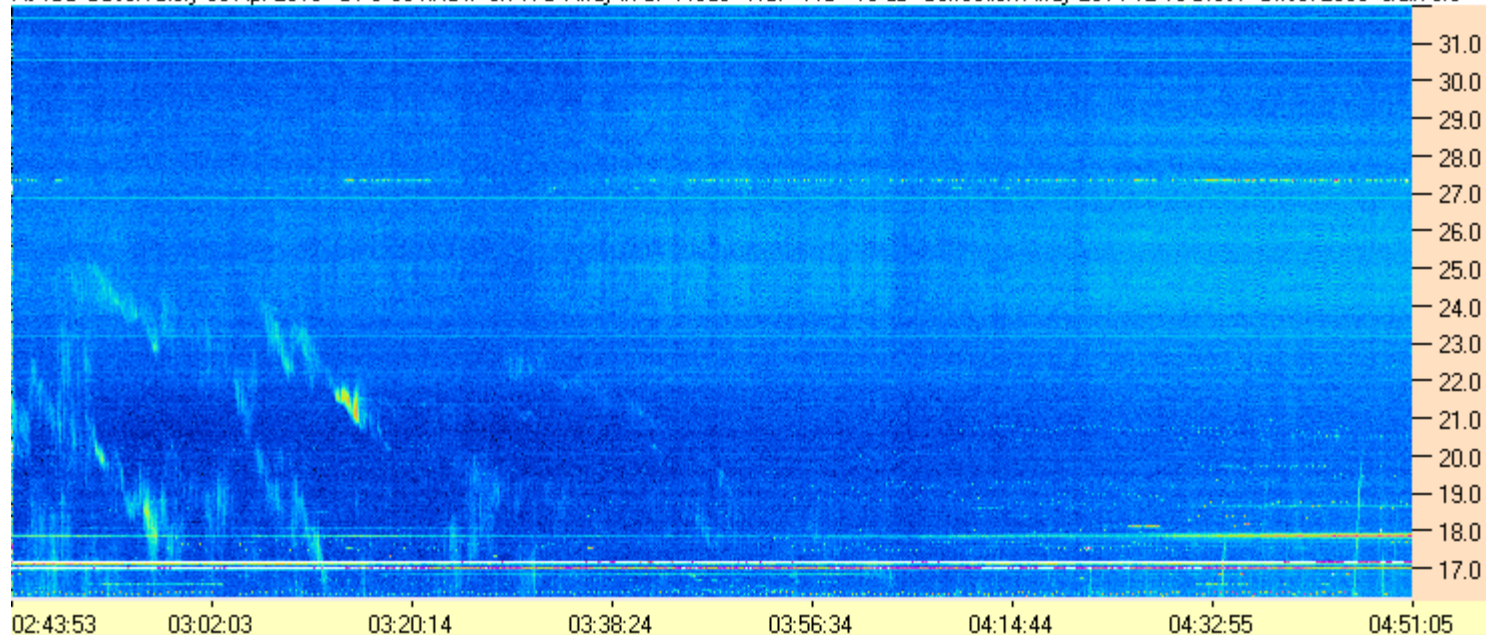


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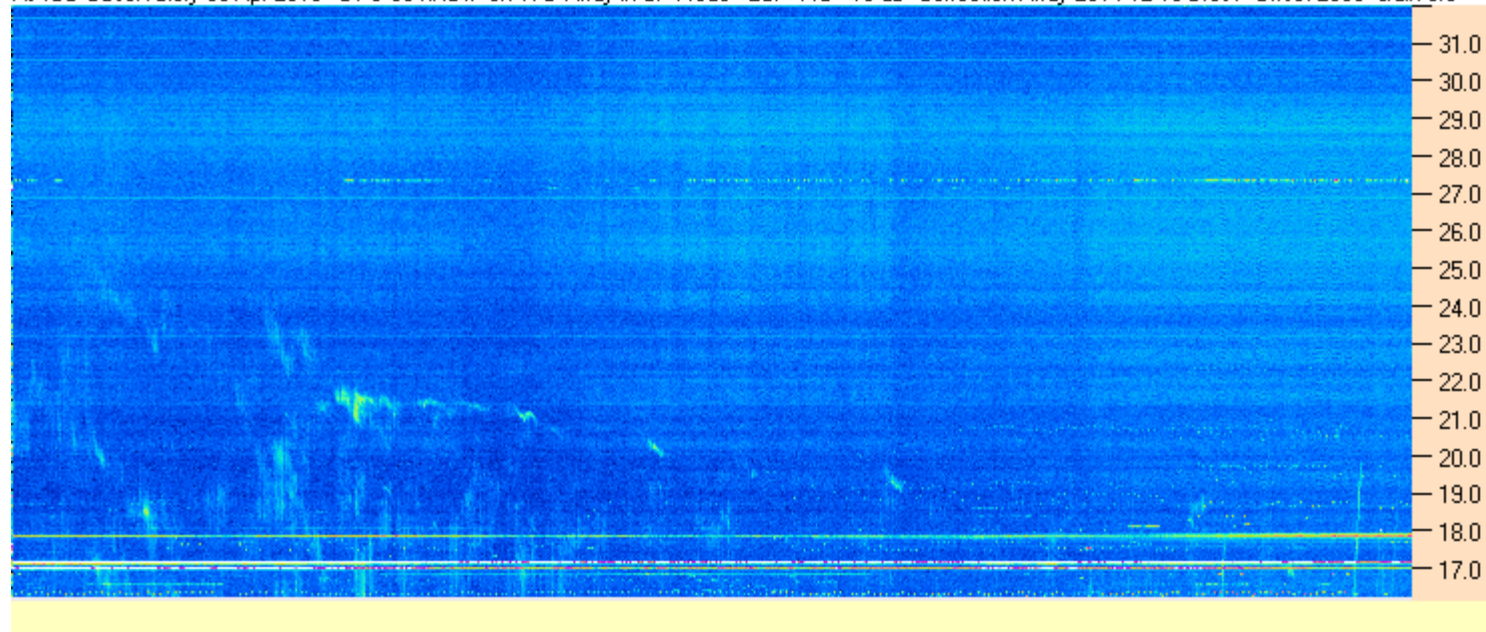




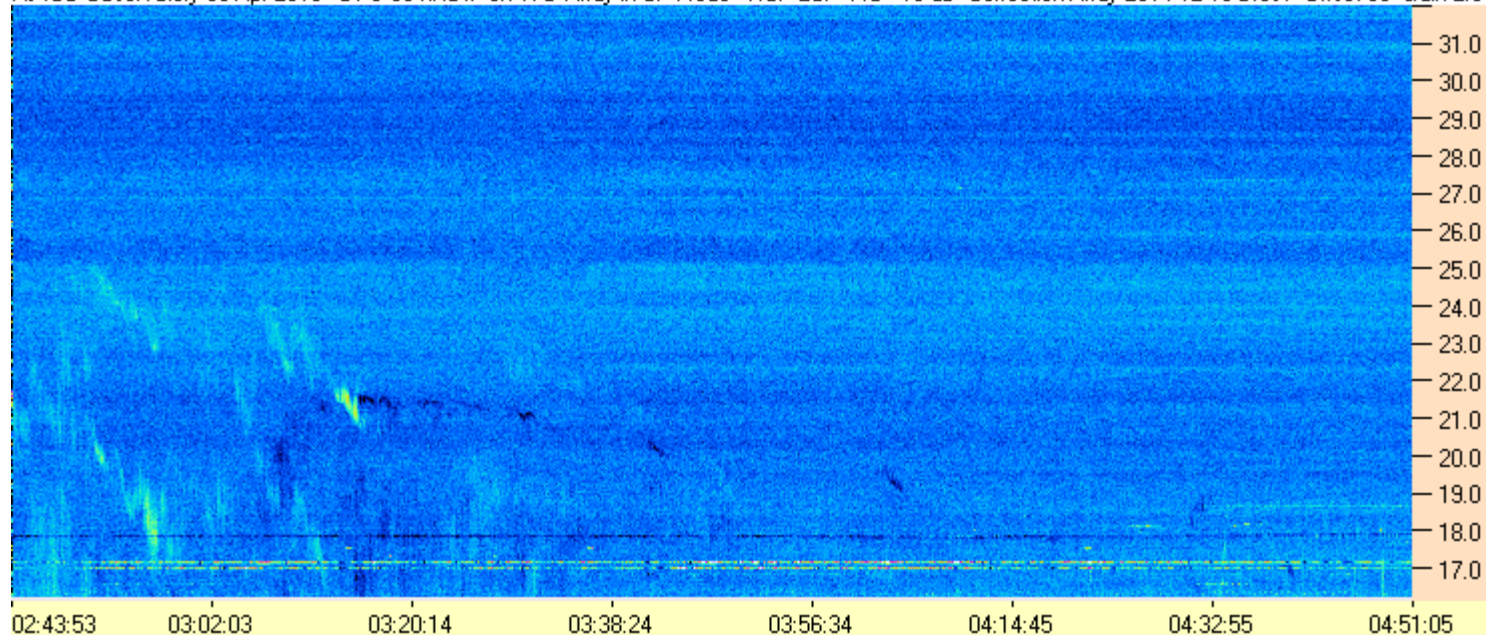
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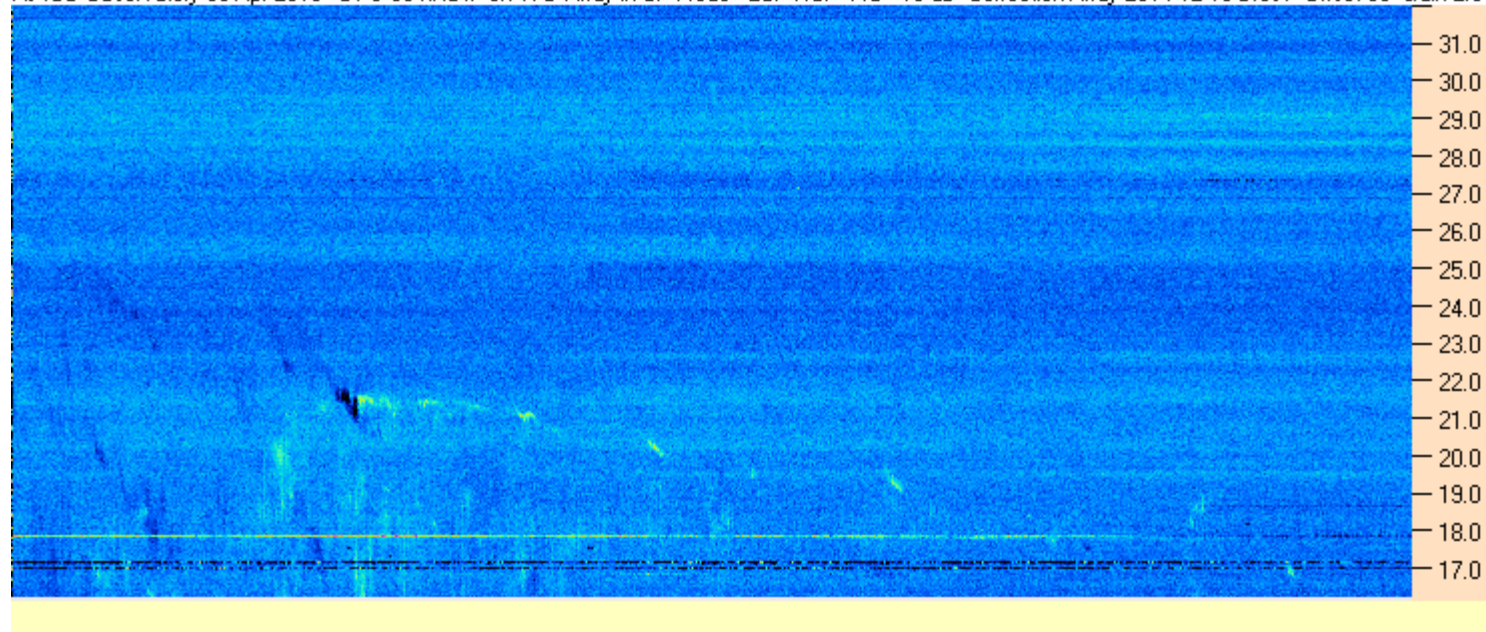
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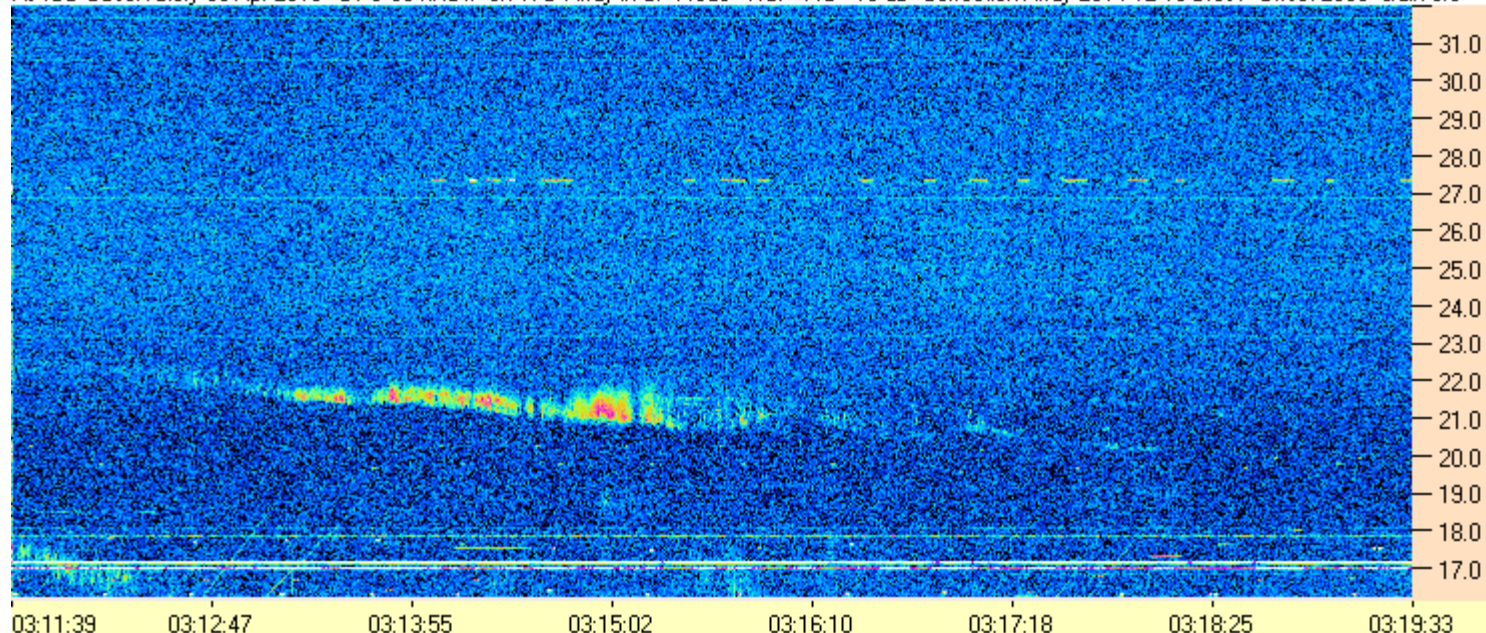
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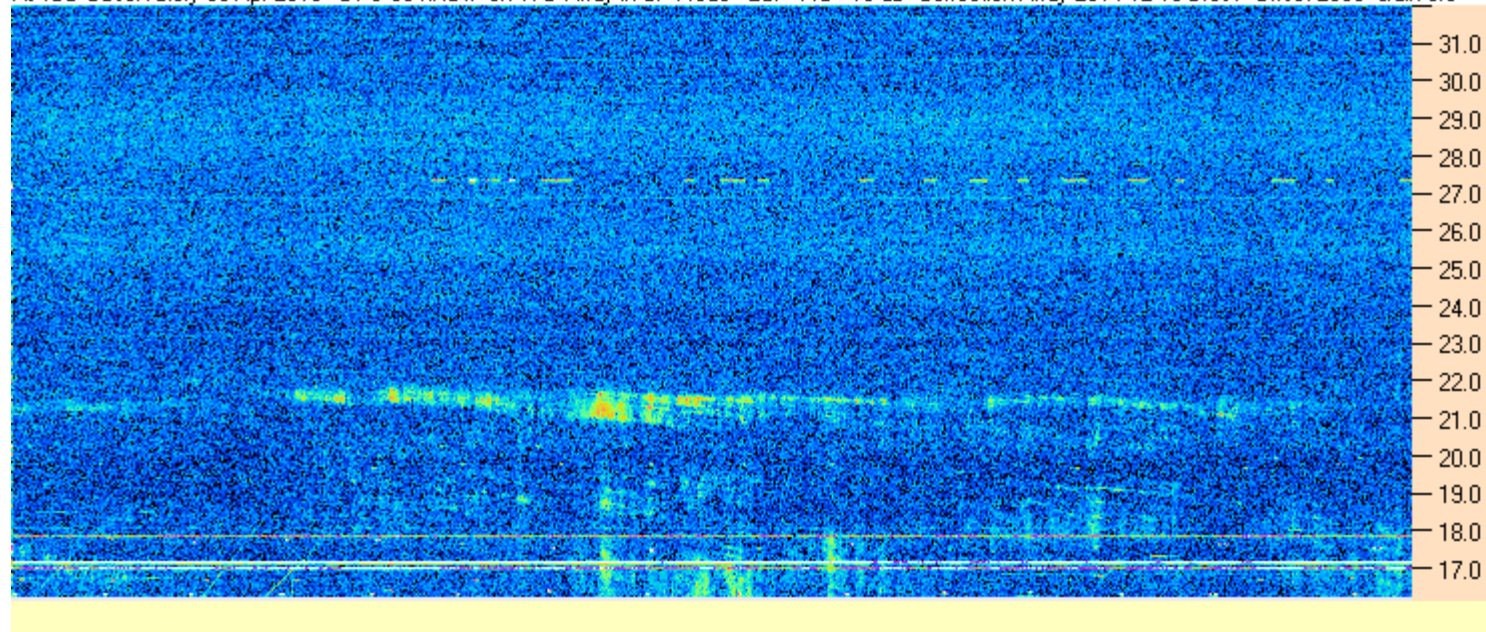
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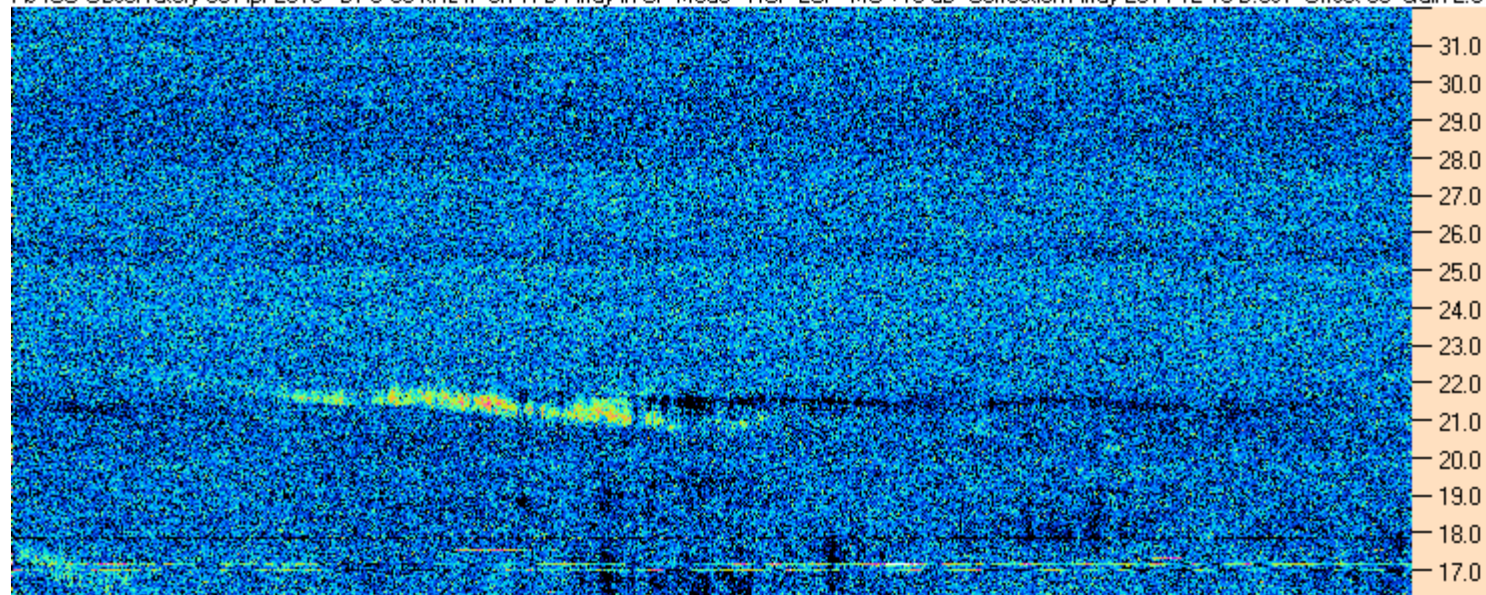
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03:11:39 03:12:47 03:13:55 03:15:02 03:16:10 03:17:17 03:18:25 03:19:33

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