

Subject: [radiojove-data] 07 Mar 2015 Io-B/D, non-Io-A
From: Dave Typinski <davetyp@typnet.net>
Date: 03/08/2015 01:15
To: RadioJove-Data <radiojove-data@lists.nasa.gov>

Adding to Tom & Jim's nice reports, here's some Io-B/D and non-Io-A from Saturday morning.

The beginning from 0130 to 0230 UTC was masked a bit by the decaying, post-sunset band noise, but still pick-outable.

The Io-B L bursting started very early, in the non-Io-C region, progressed through the non-Io no-man's land, then ended at the start of Io-B. If it didn't extend all the way up to 30 MHz and have a nice nested vertex early structure that is often seen ahead of Io-B, this could have been labeled non-Io emission.

The Io-B S bursting started at about 0400 UTC and ran through the end of the storm.

Io-D produced a nice LCP arc of L bursting and short-lived N events.

Following Io-B was some non-Io-A L bursting 0634-0654 UTC way down at 16-17 MHz. Could be the tail end of the Io-B emission arc structure, but it looks like a separate event to me.

RCP dominant L & S bursting 0152-0654 UTC from 16 to 32 MHz, vertex early arcs, no modulation lanes visible.

LCP dominant L bursting & N events 0333-0521 UTC from 16 to 20 MHz, vertex early arcs, no modulation lanes visible.

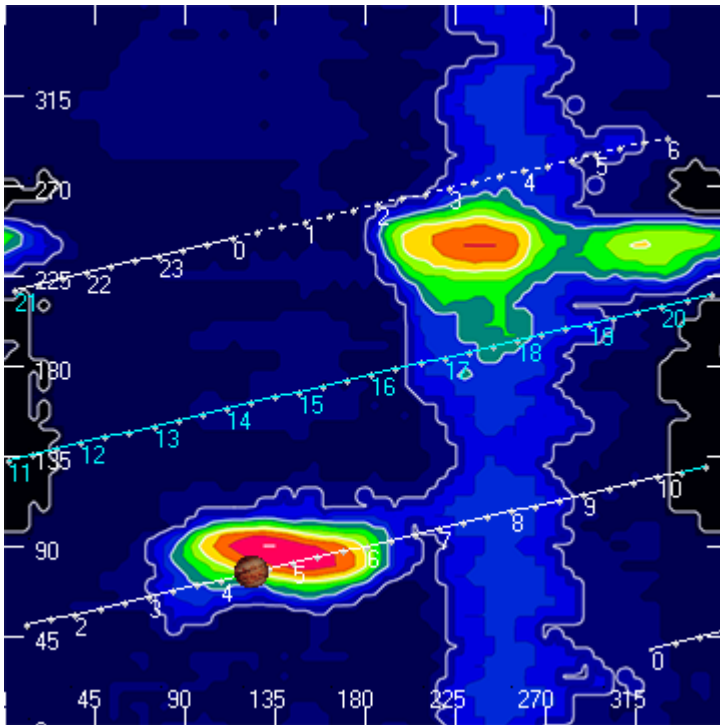
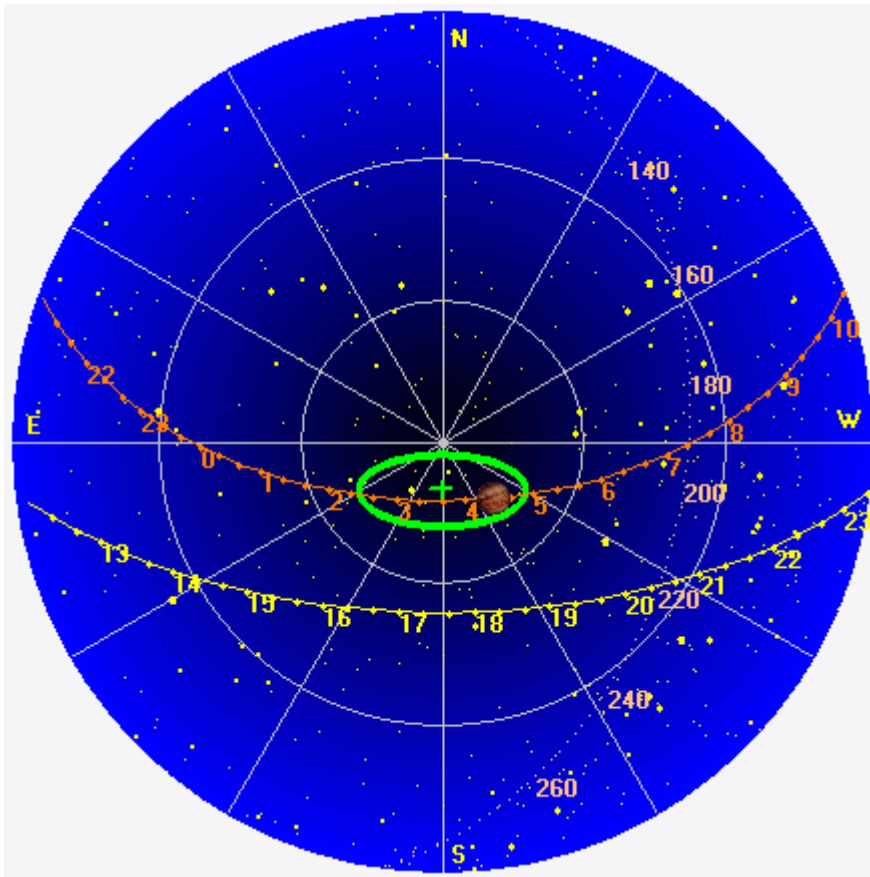
Jupiter was -26° to $+47^{\circ}$ off axis.

Jupiter was trailing the Sun by 148° .

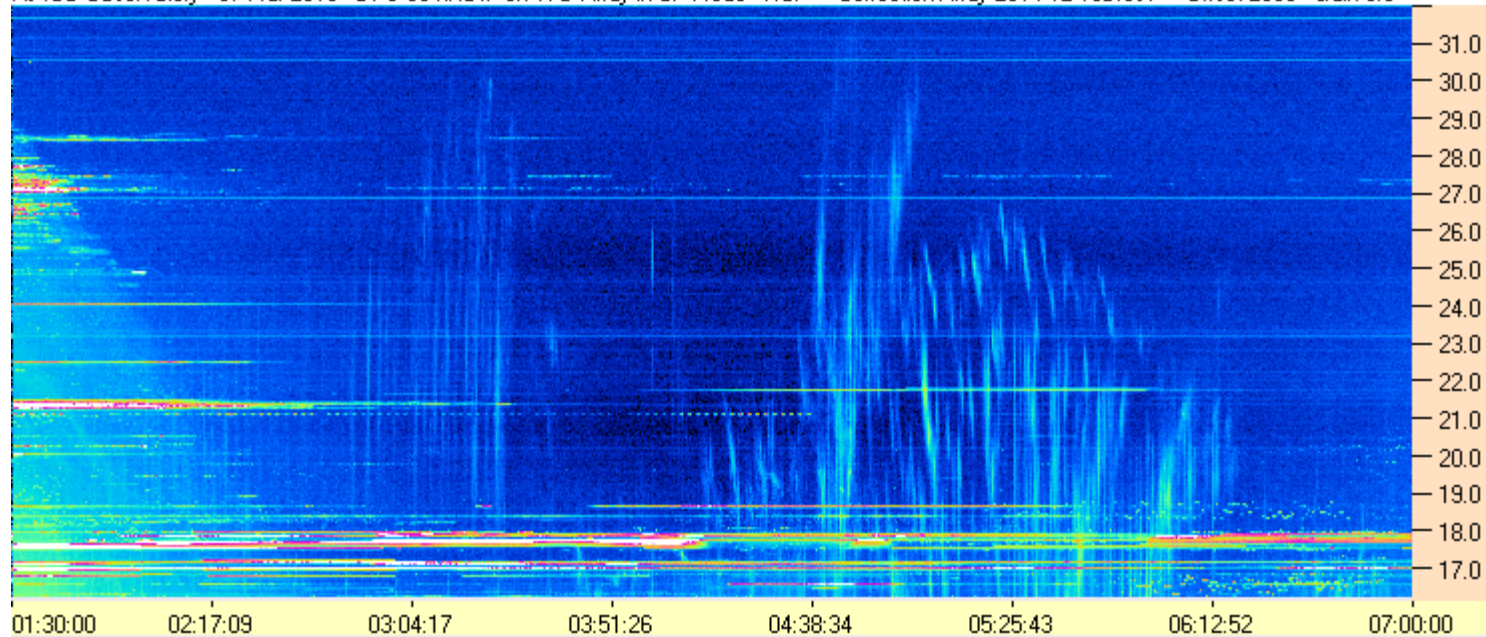
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Dave

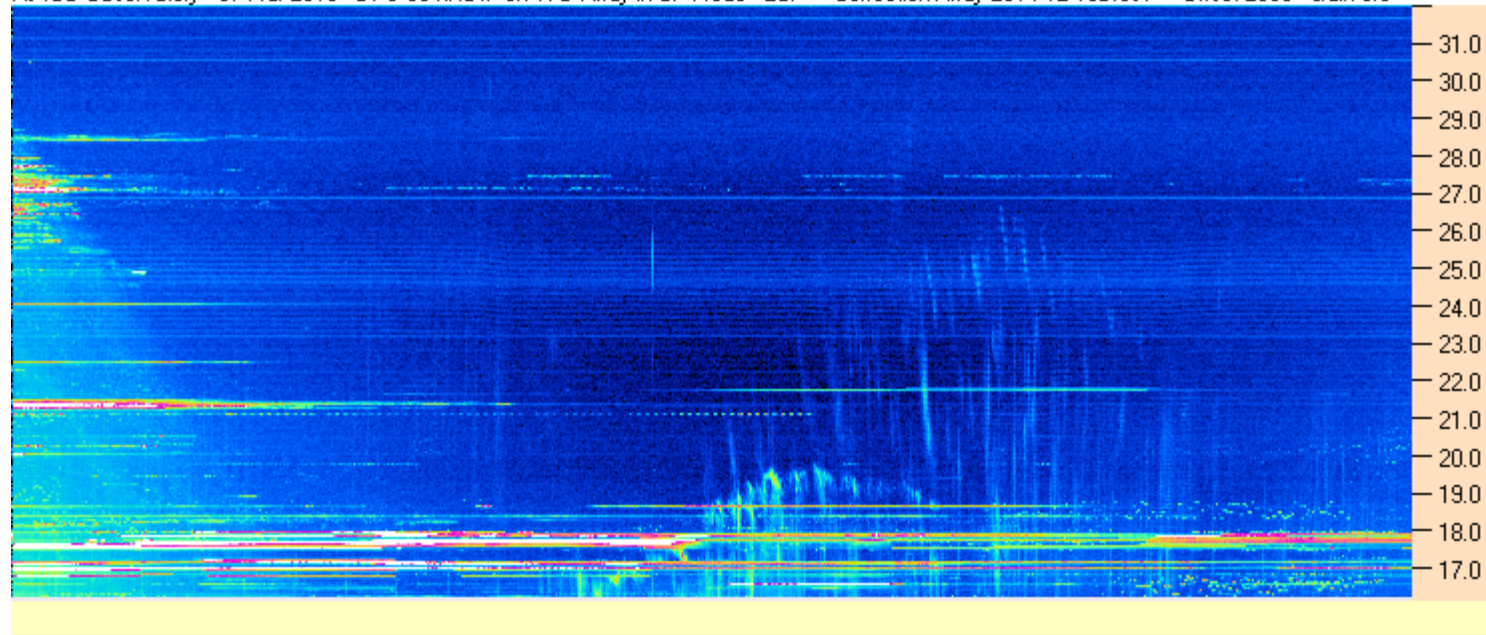
AJ4CO Observatory 07 Mar 2015, log entry 367(RCP), 368(LCP)

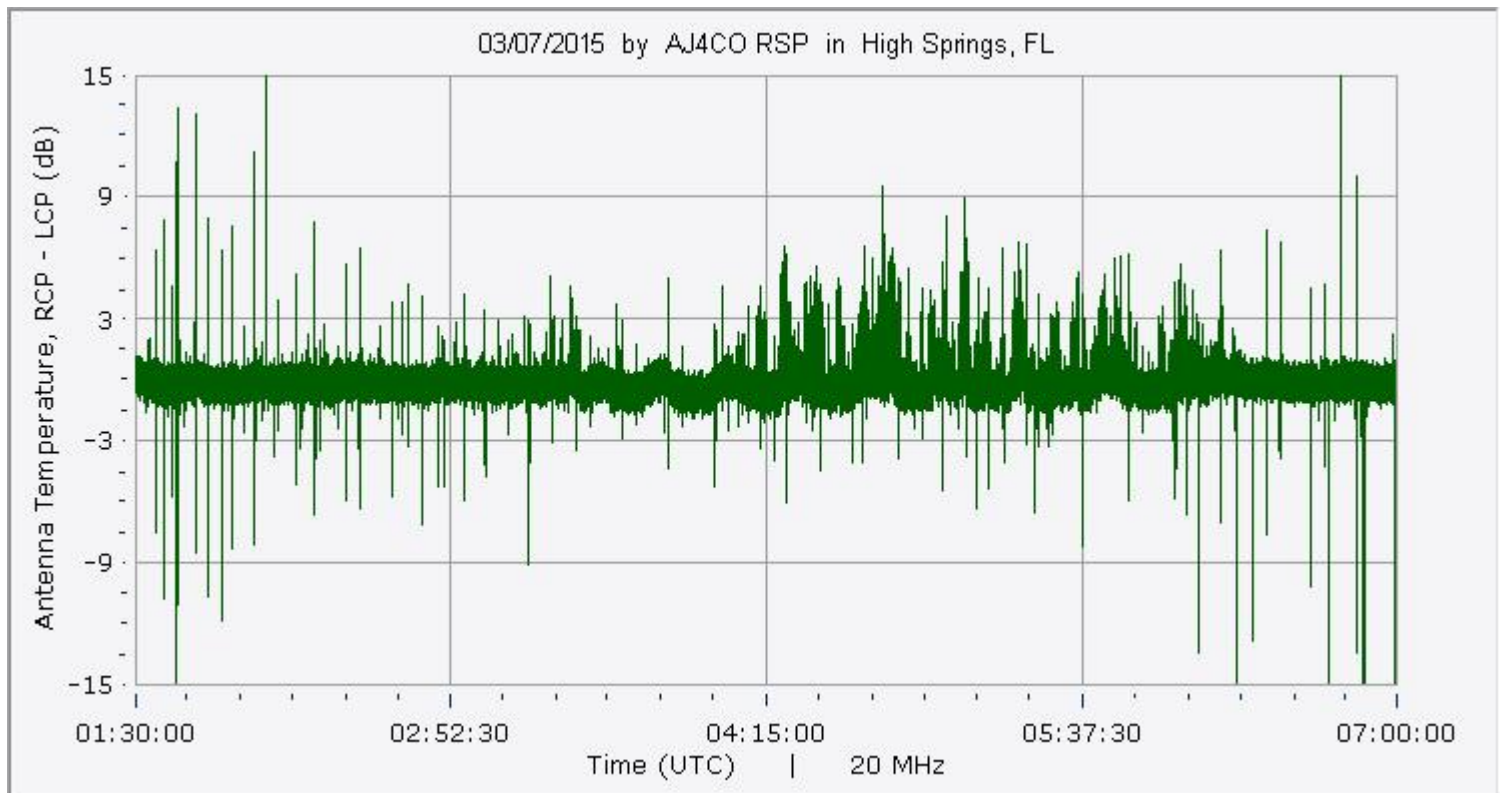
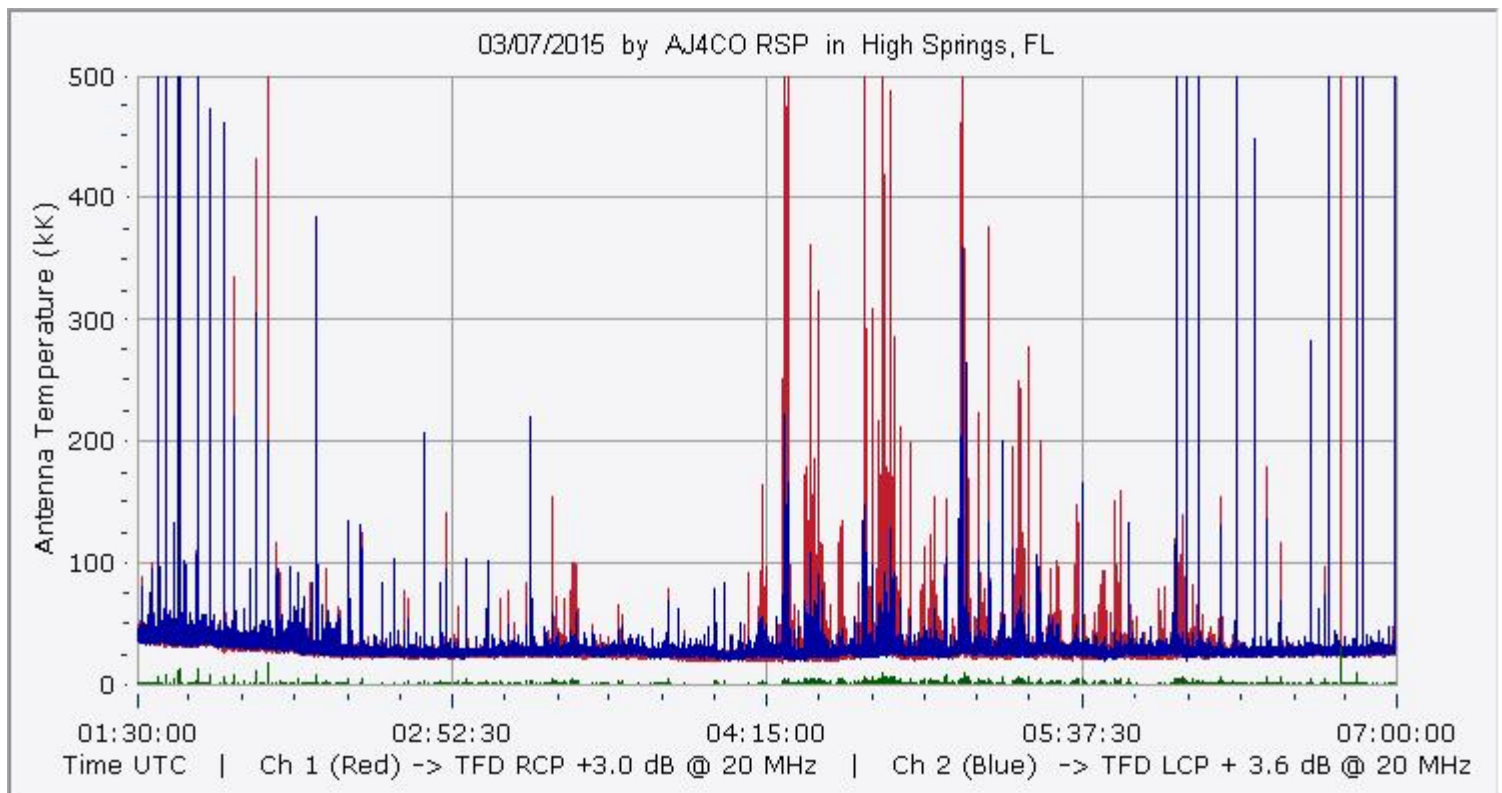


AJ4CO Observatory - 07 Mar 2015 - DPS 30 kHz IF on TFD Array in CP Mode - RCP Correction Array 2014 12 18B.csv Offset 2050 Gain 5.0

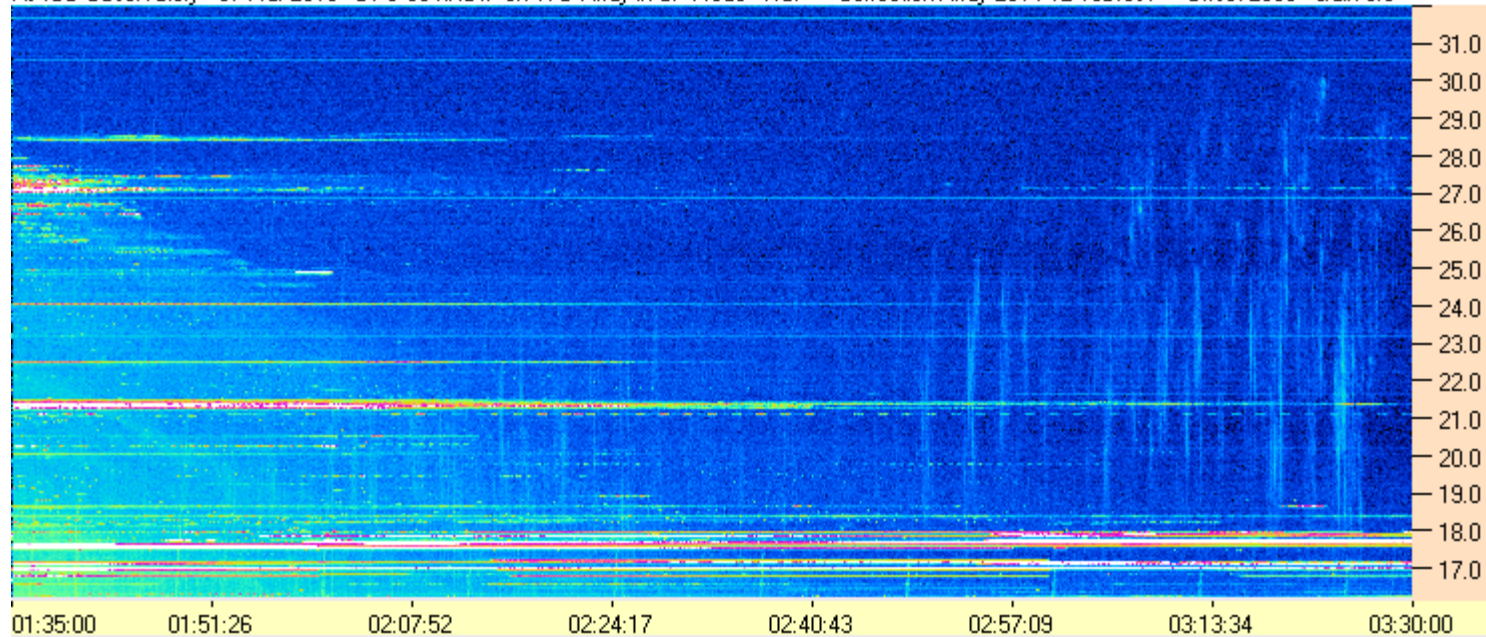


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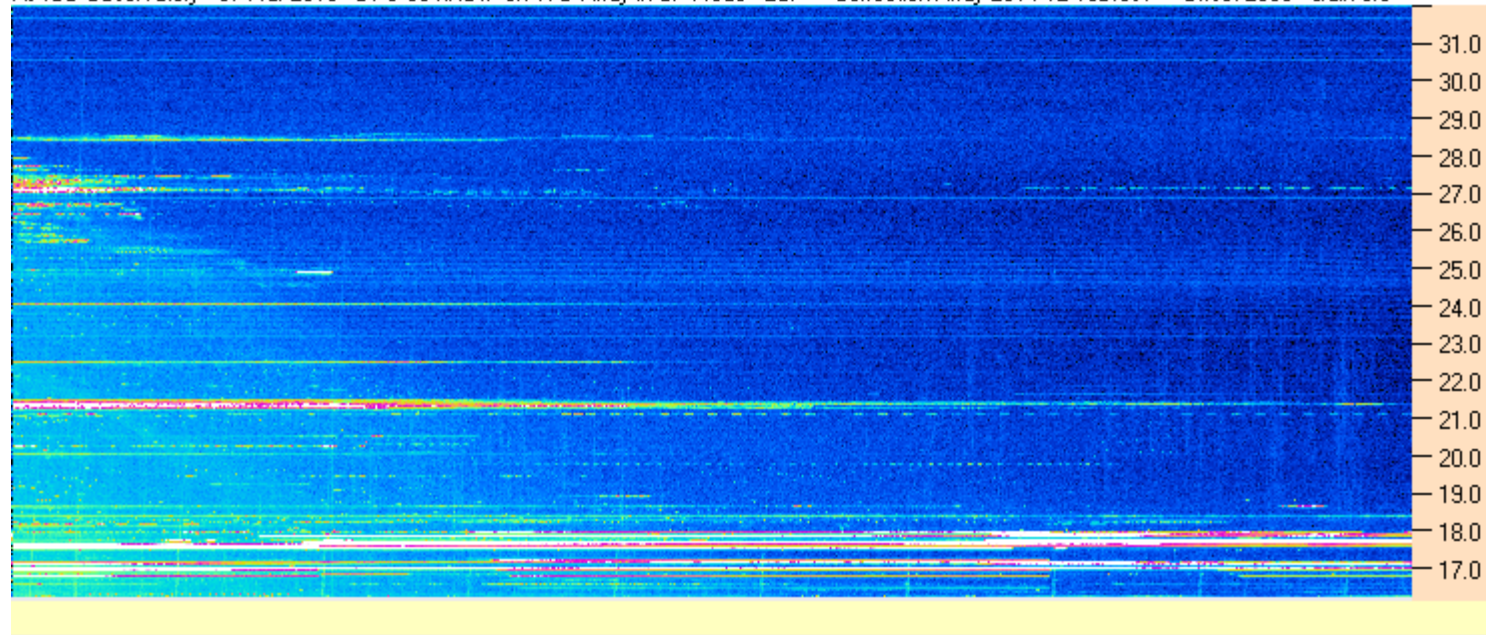


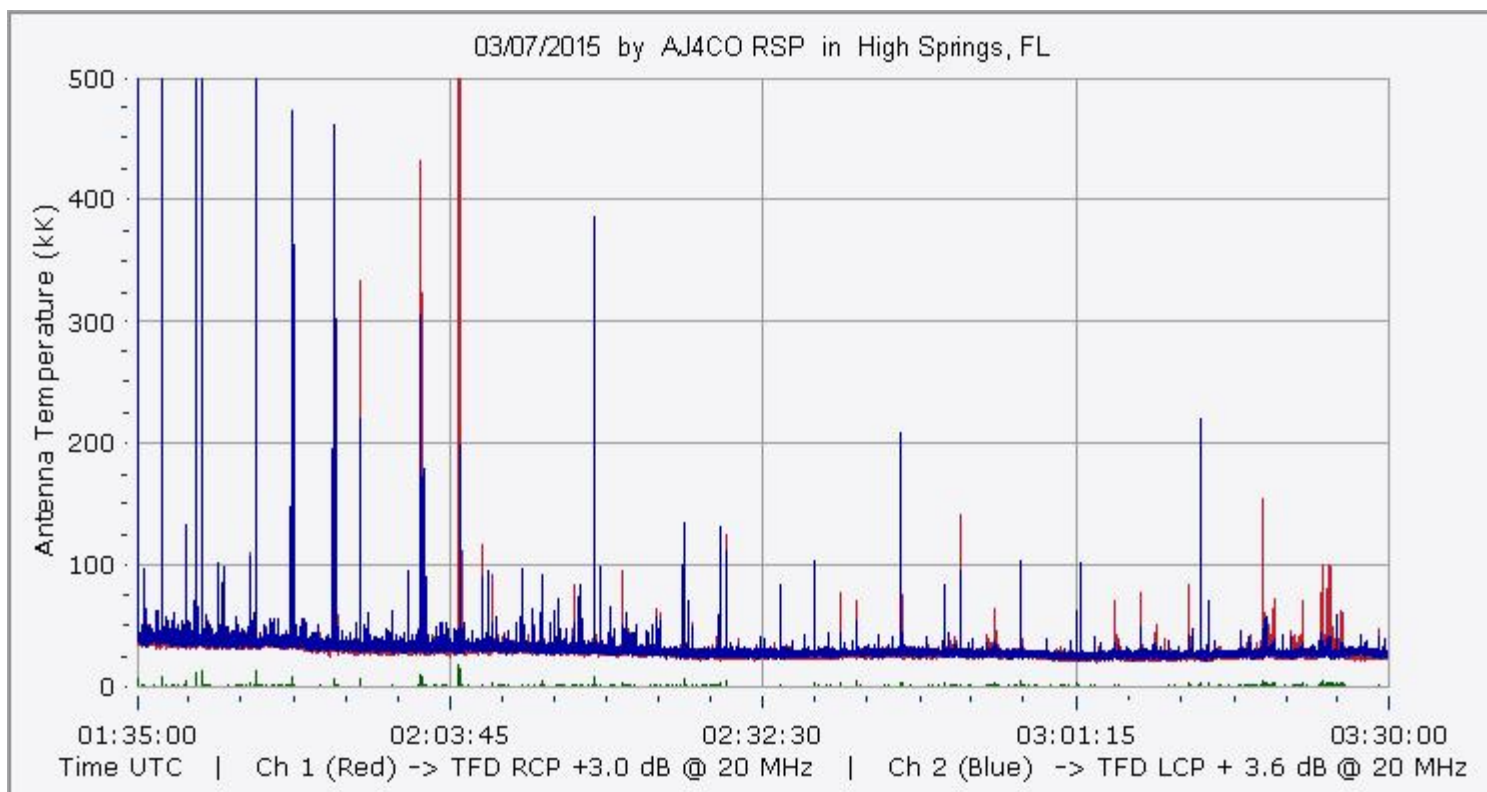


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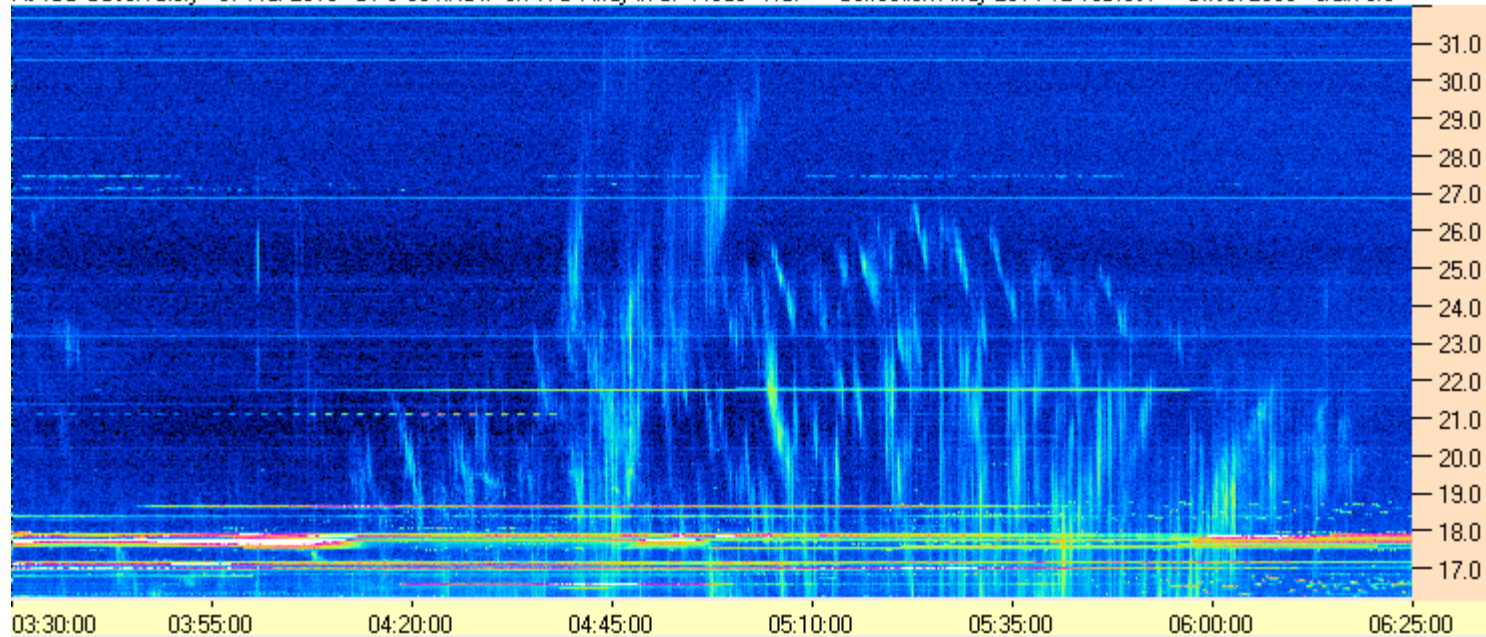


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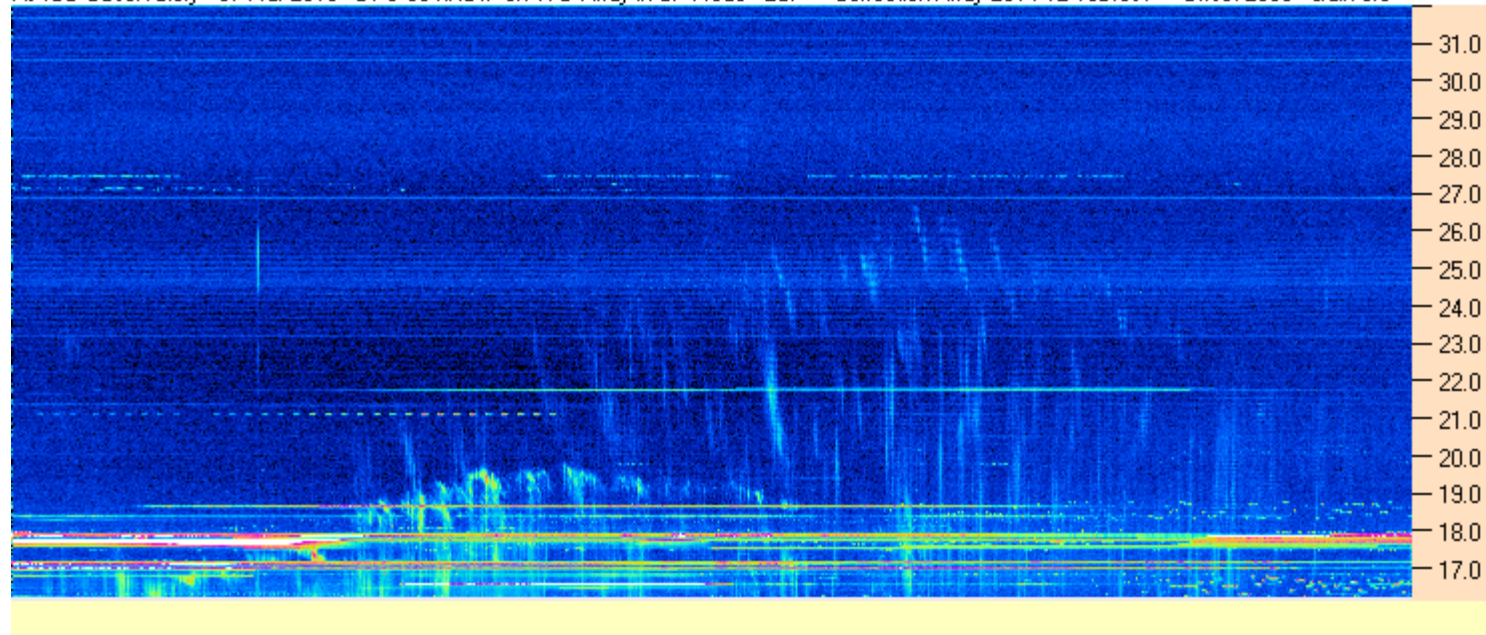


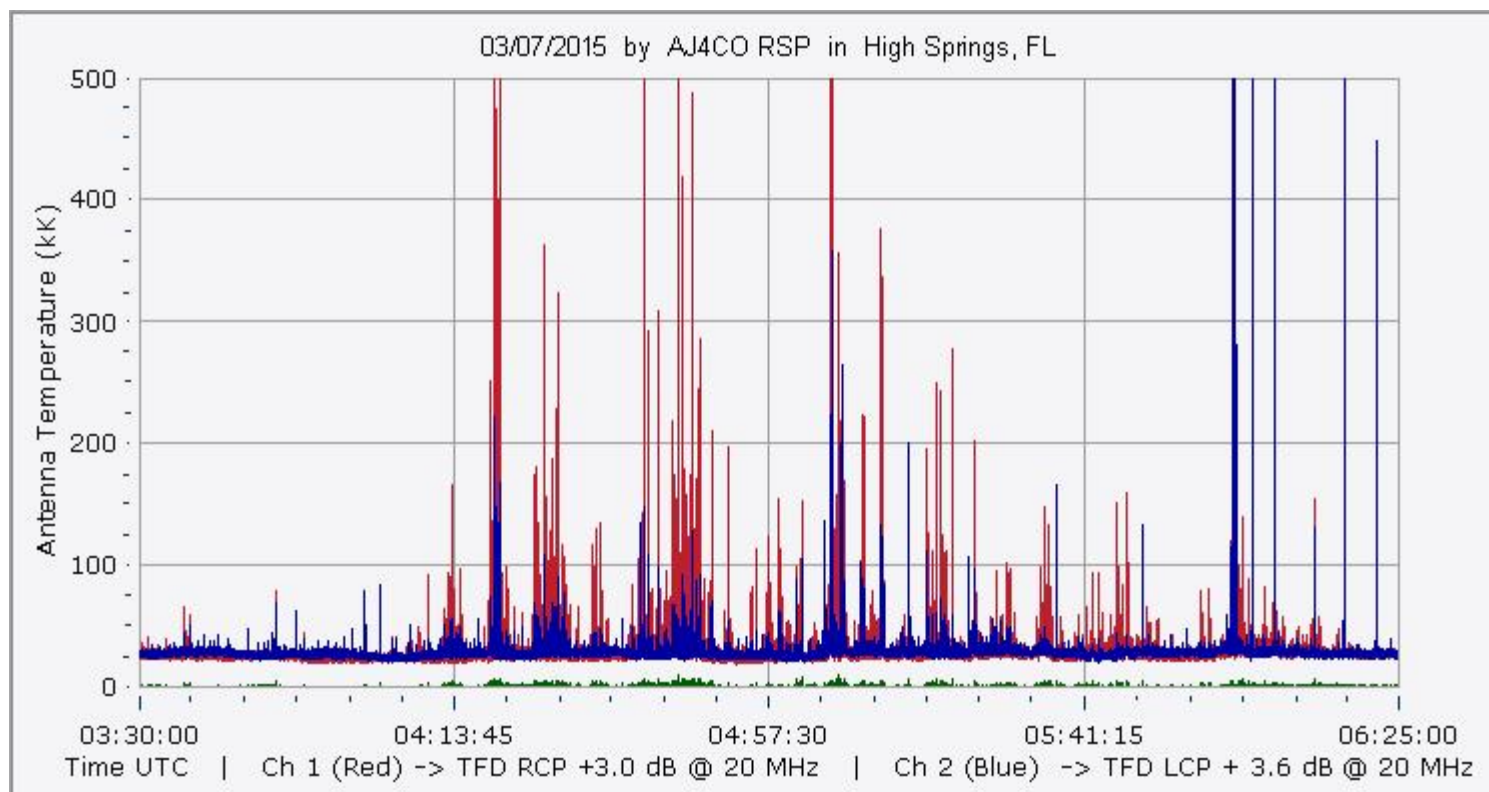


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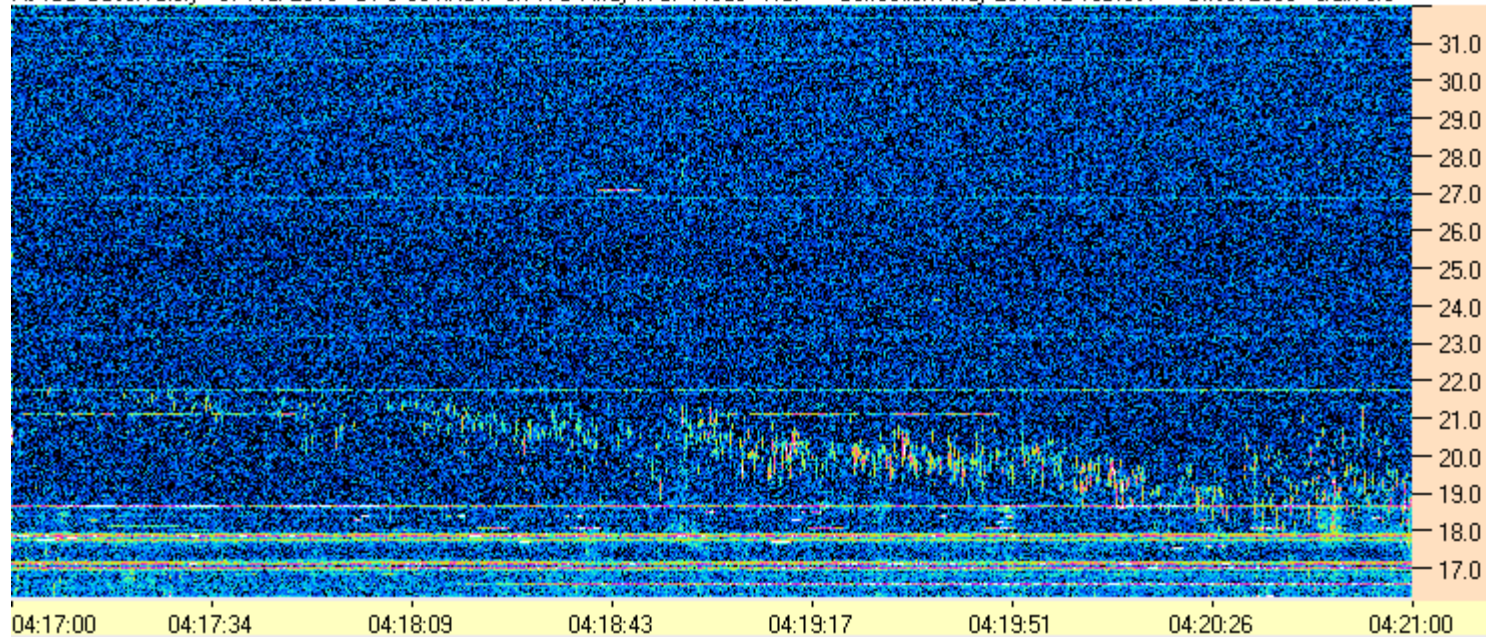


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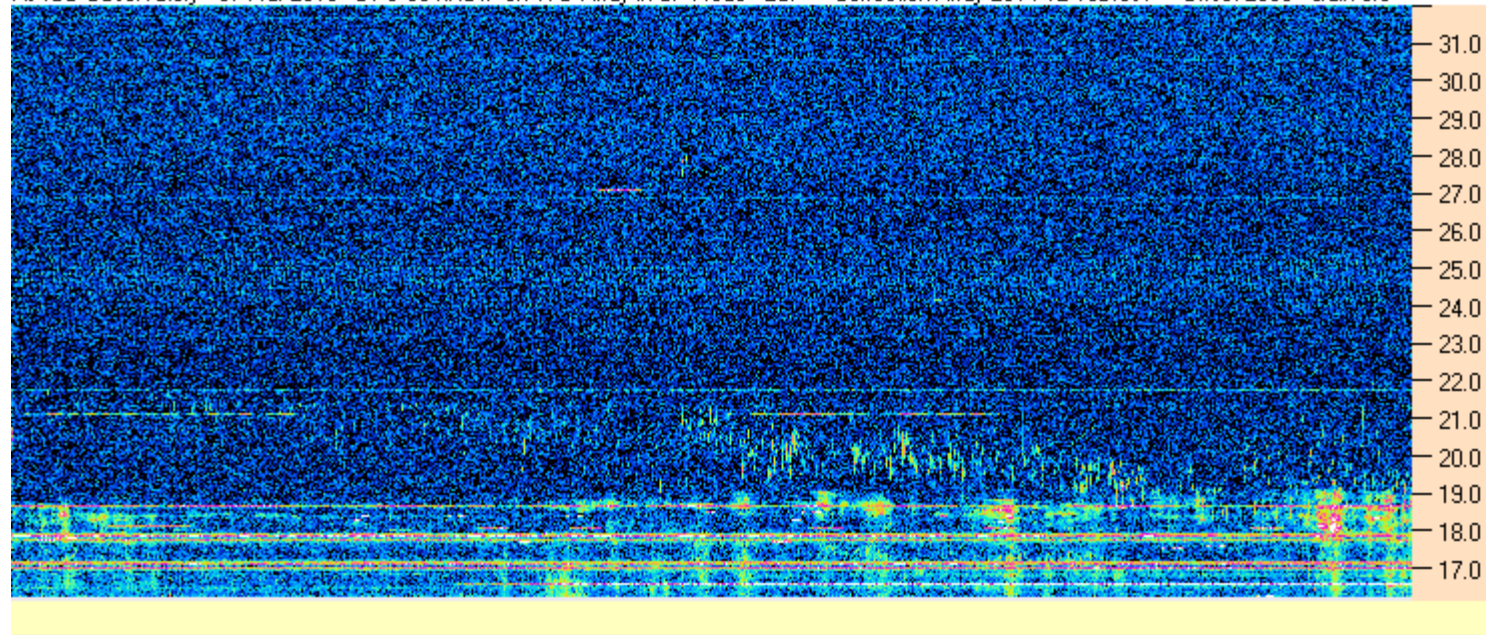


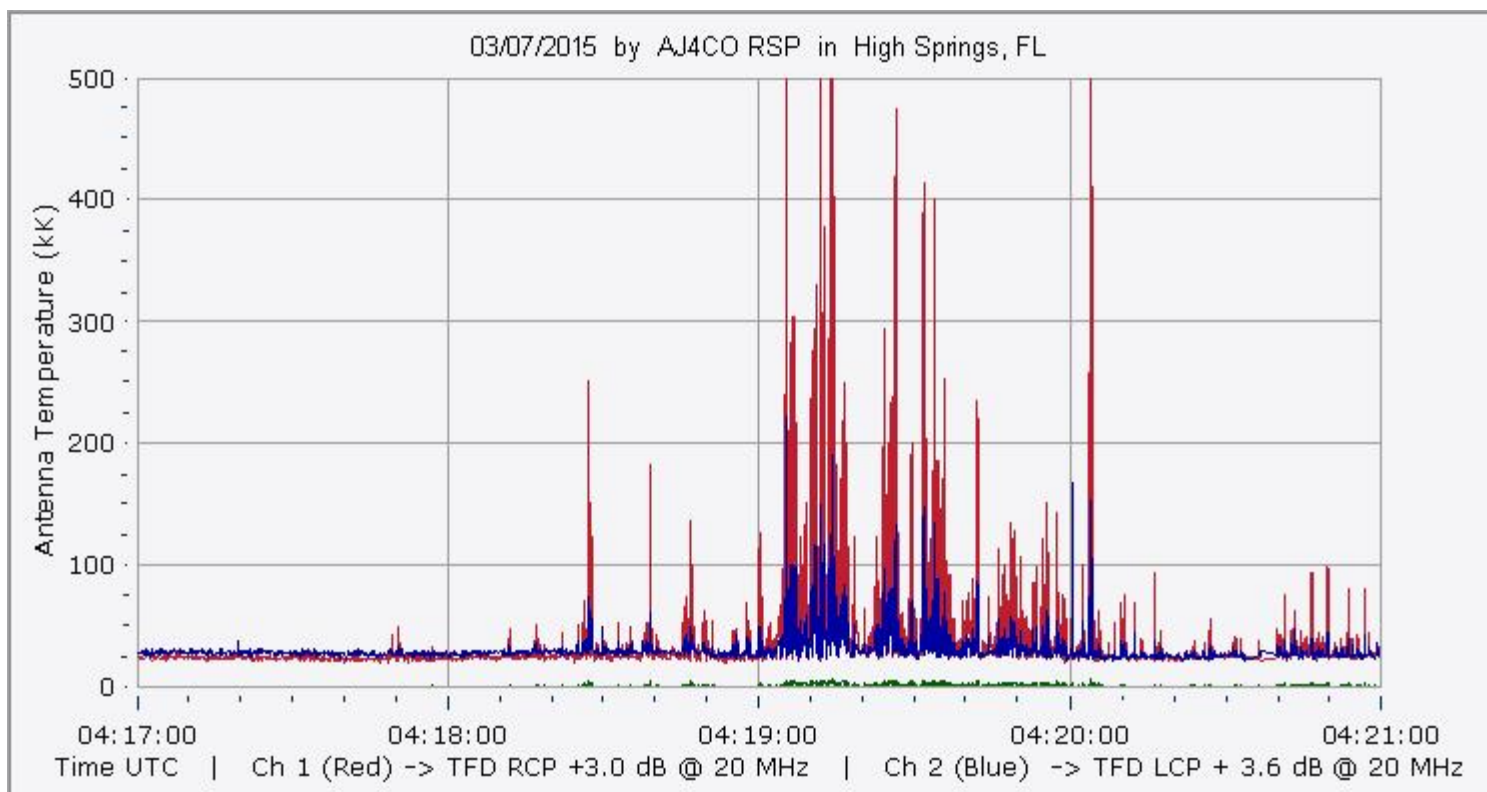


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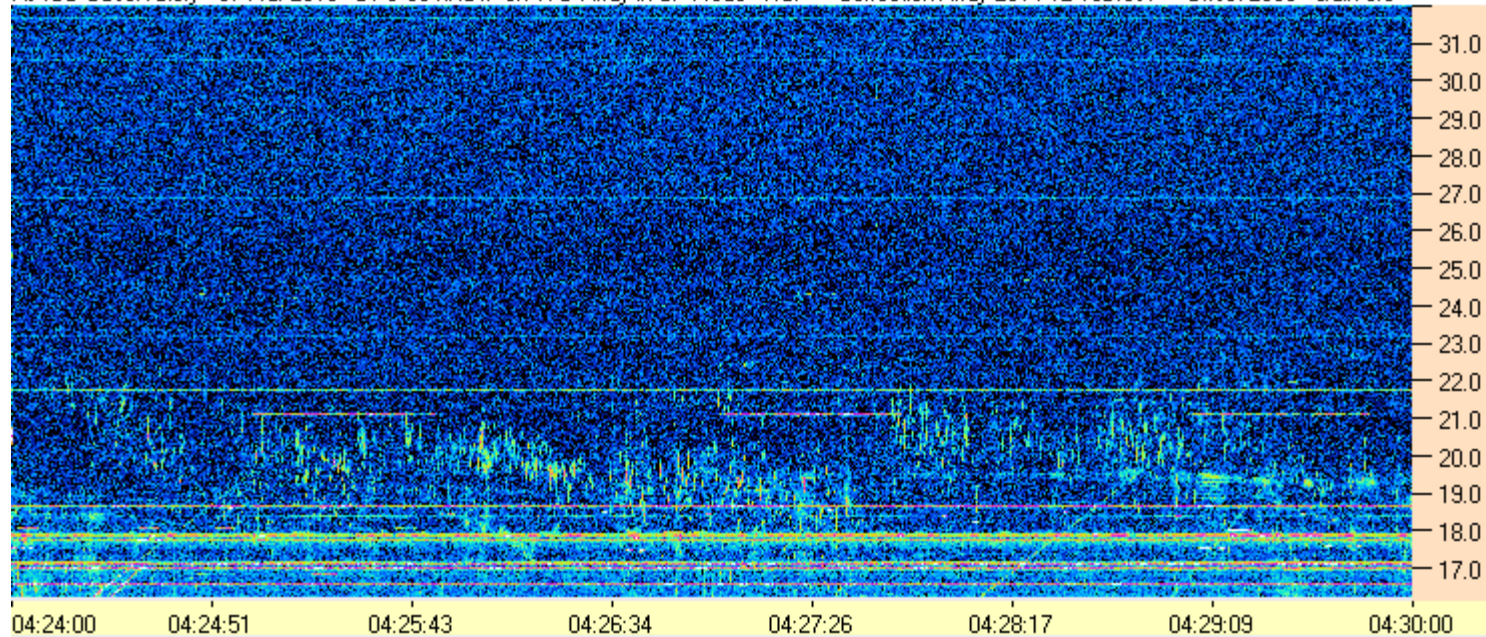


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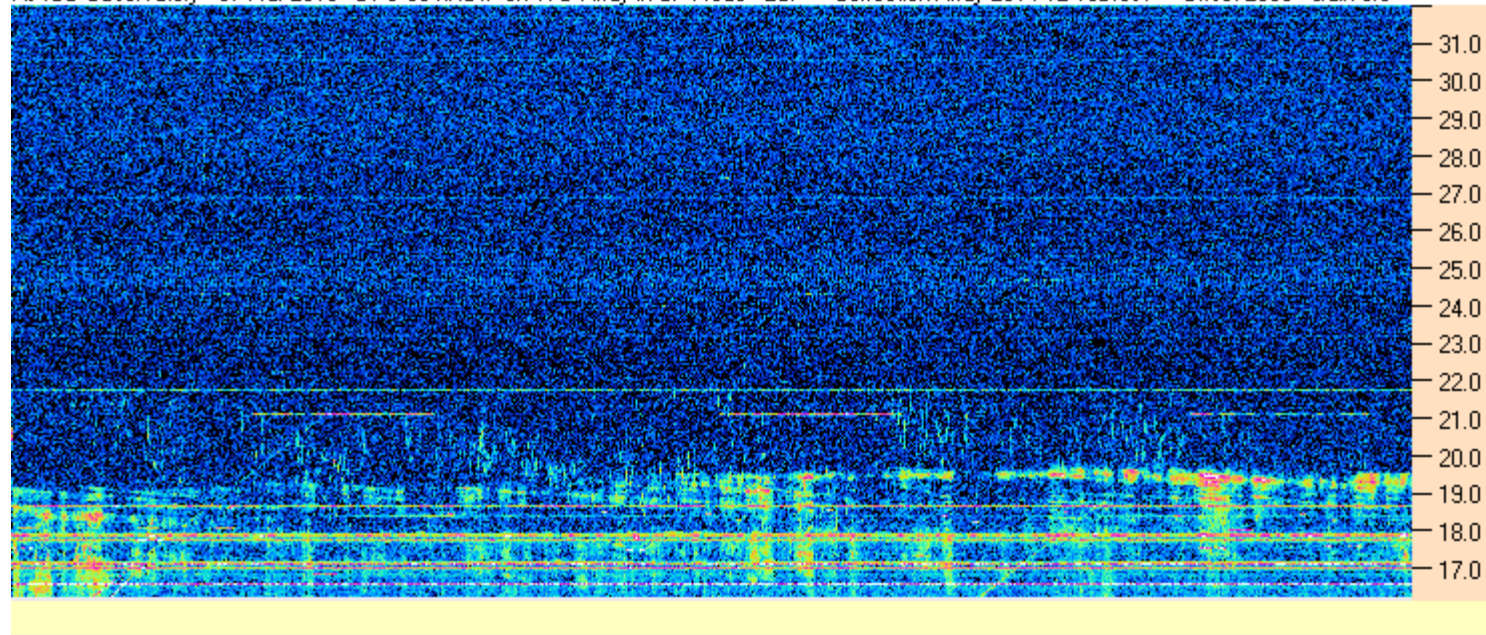


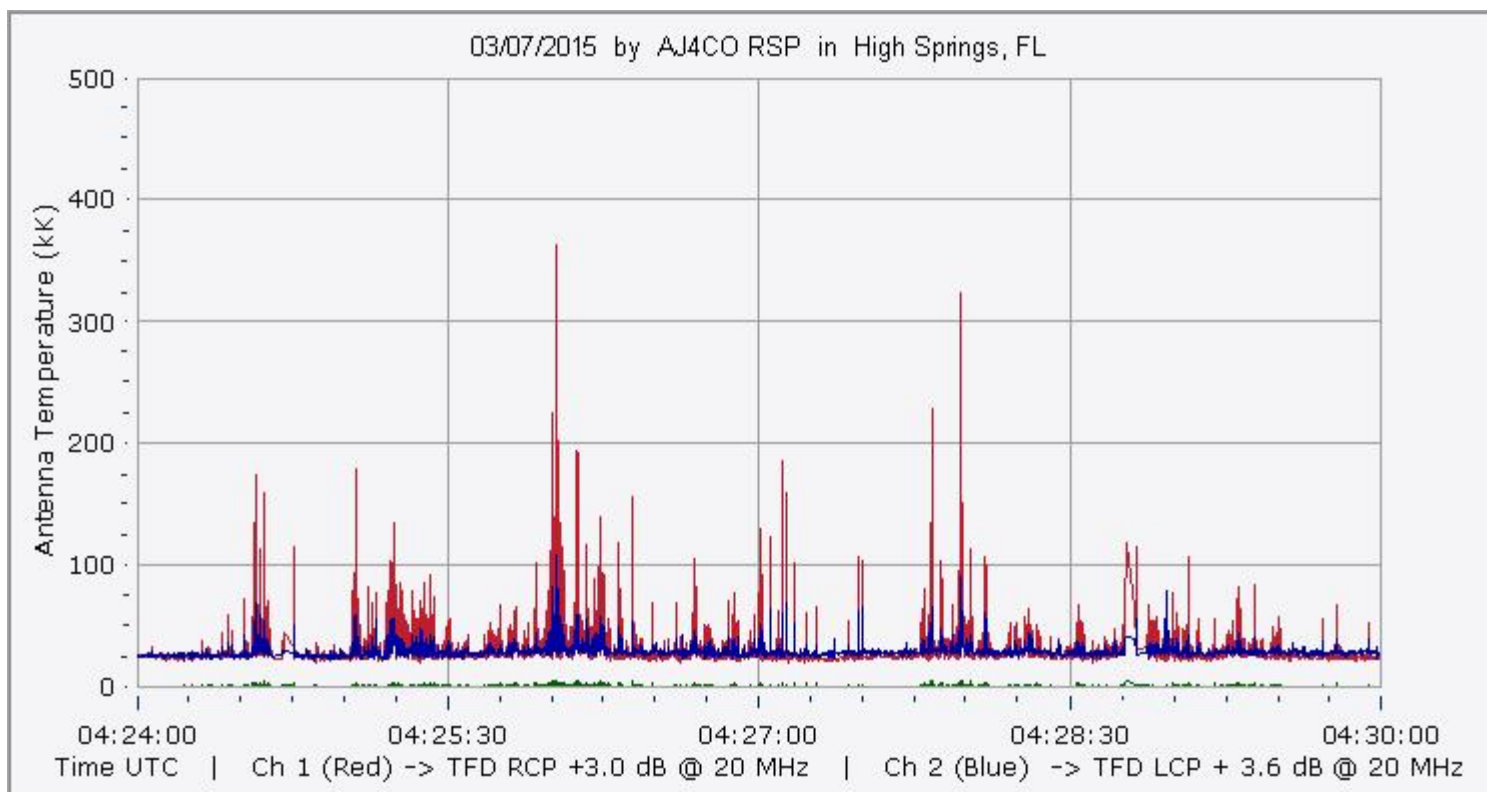


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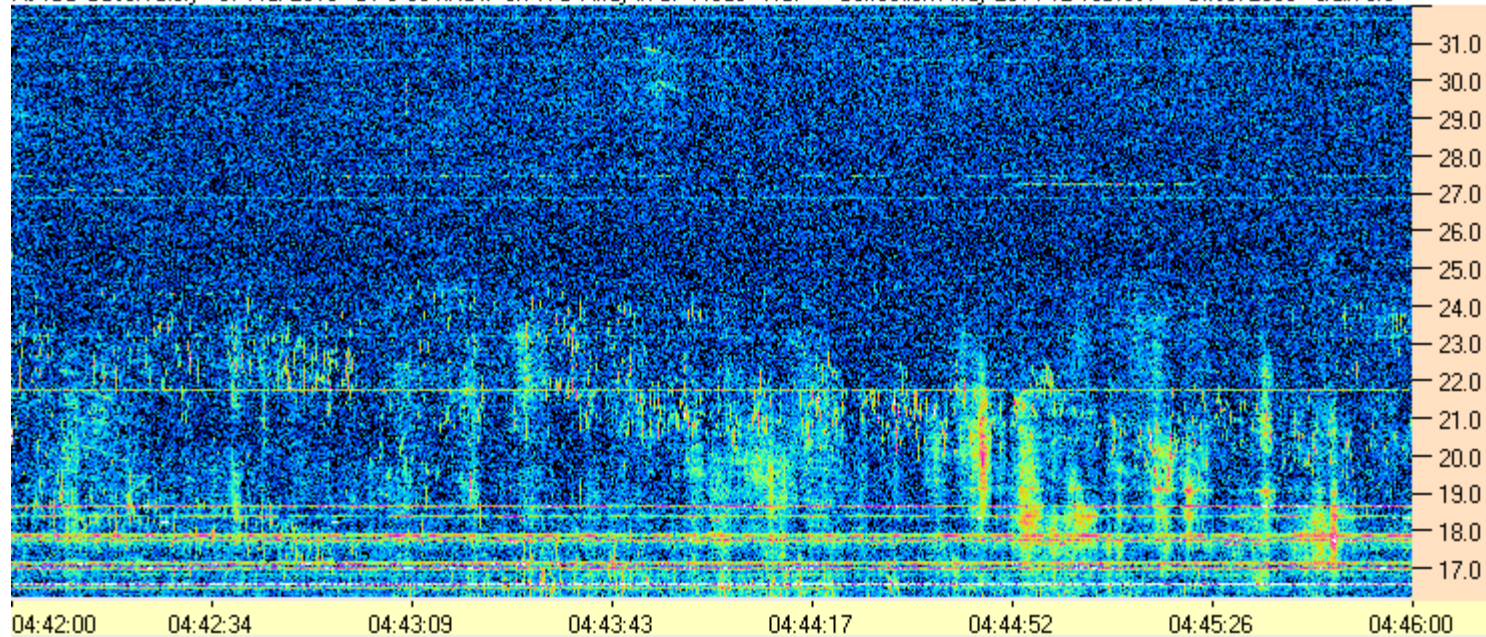


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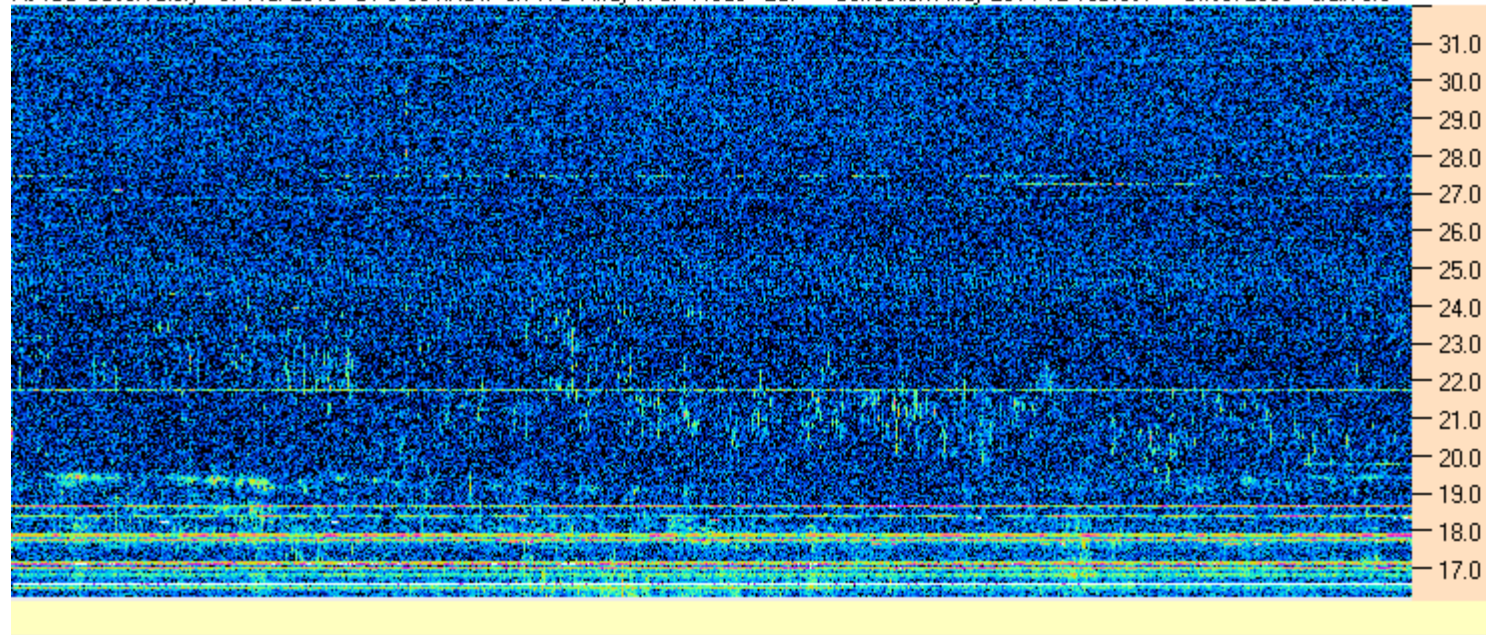


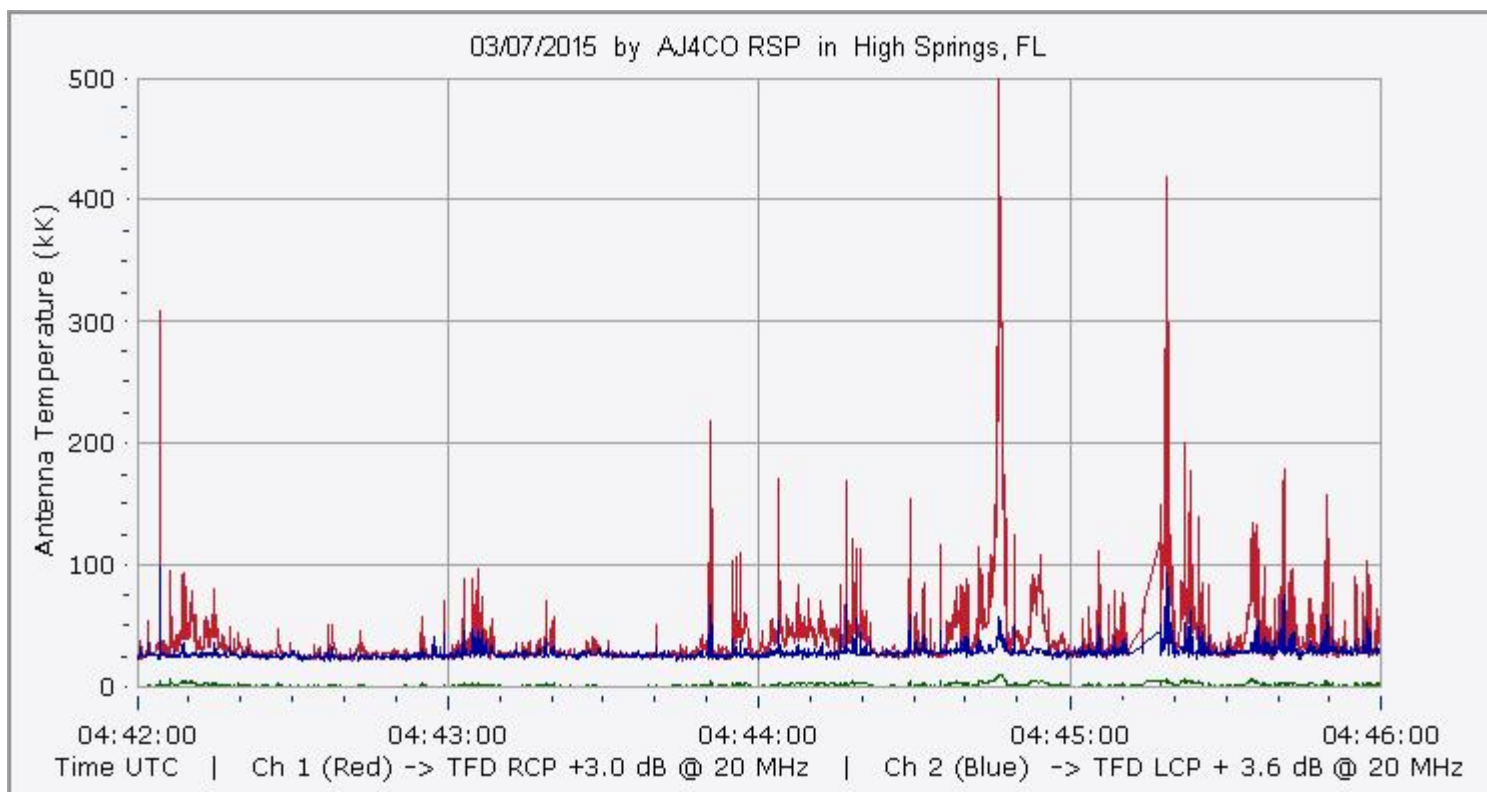


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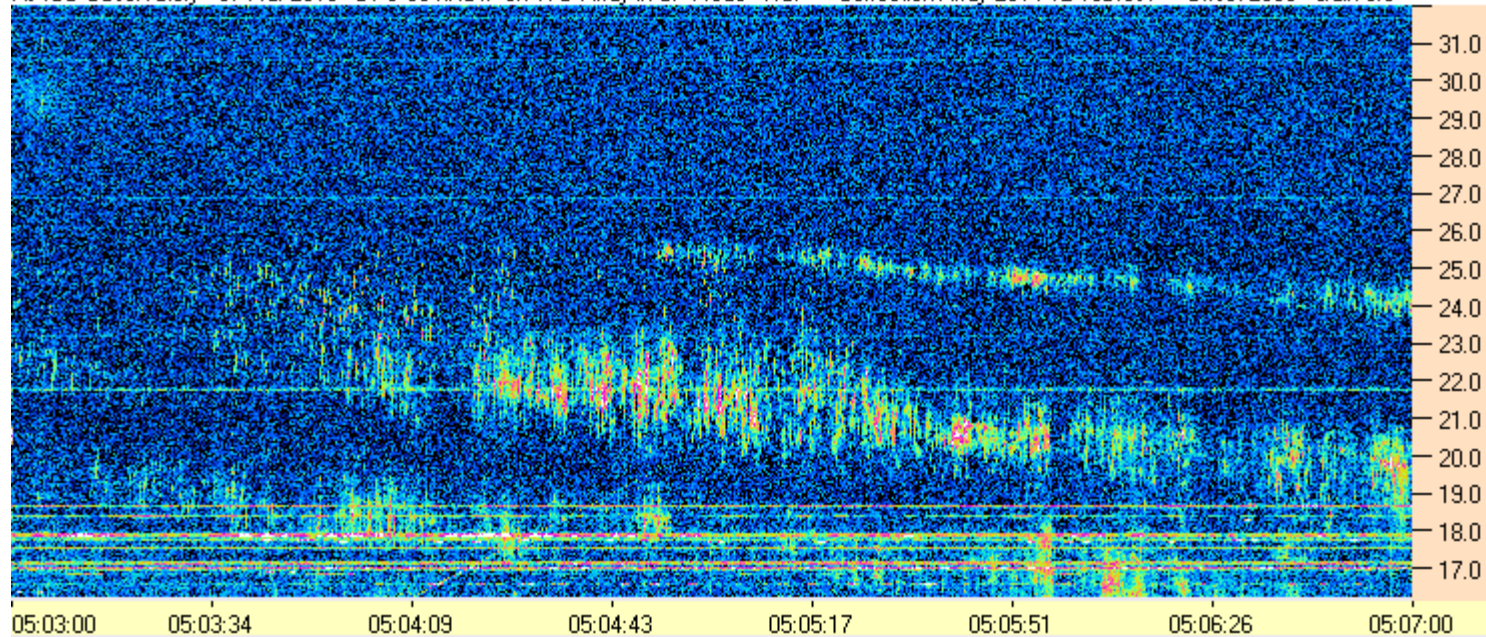


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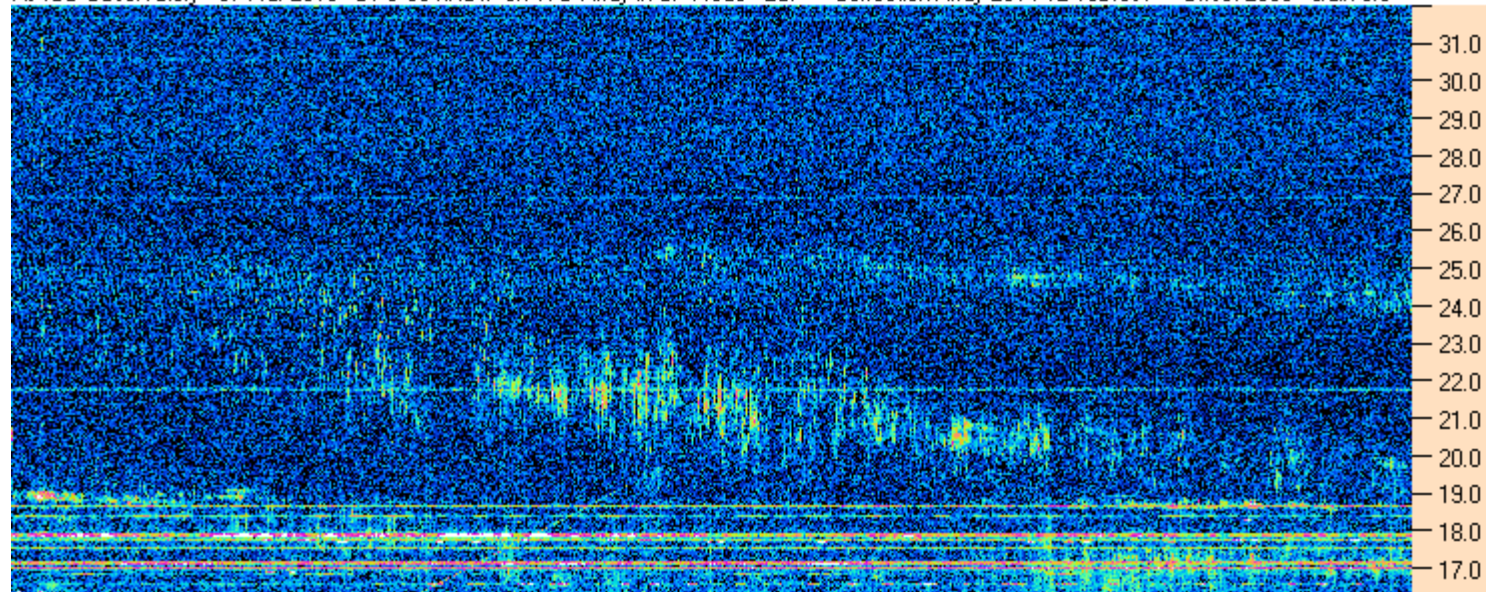


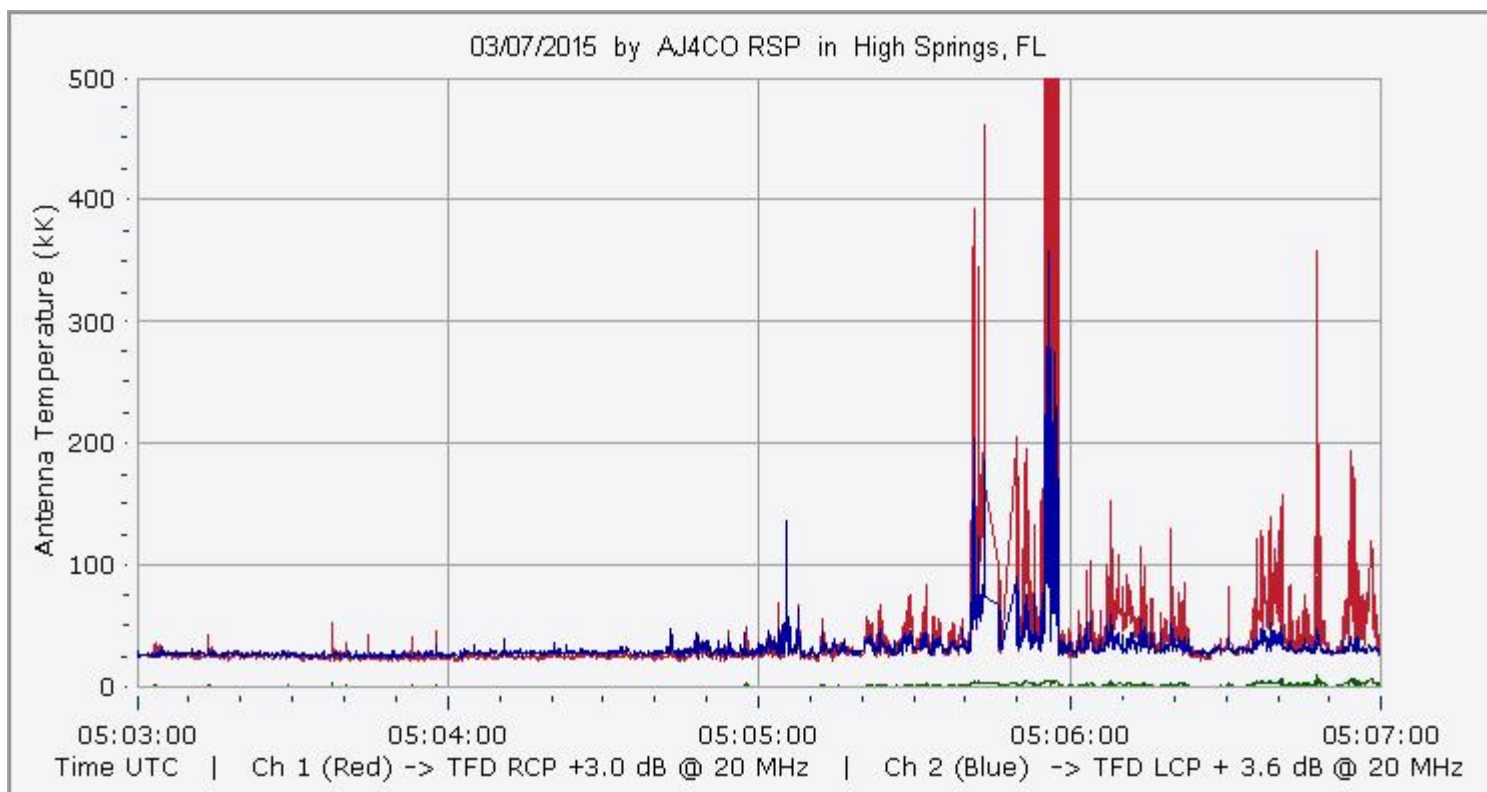


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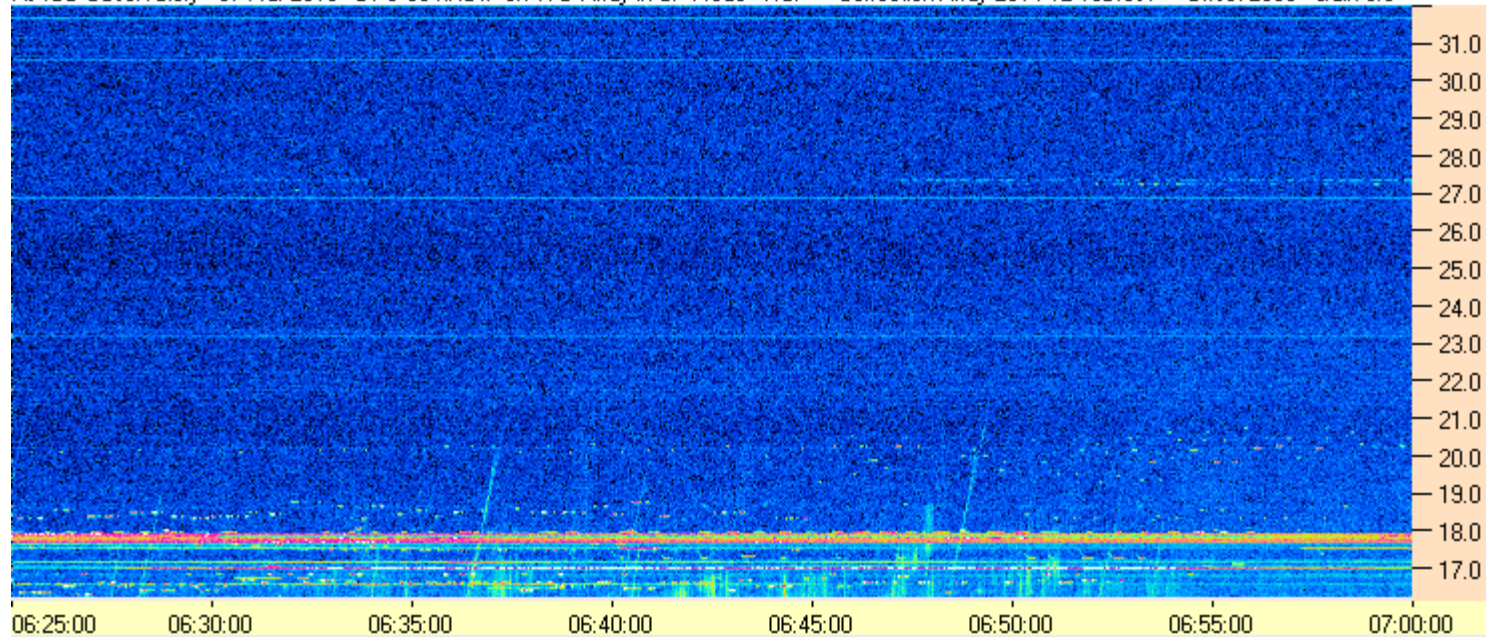


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