

Subject: [radiojove-data] 19 Jan 2015 Io-A/C

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Date: 01/21/2015 21:22

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

Adding to Jim & Tom & Wes's great reports, here's some more Io-A/C from Monday morning.

The Io-A wasn't much, too low in the sky. The Io-C however produced a really nice vertex late arc, the upper portion of which is seen in the spectrograms. Several periods of very intense S bursting and L bursting.

Io-A RCP dominant L bursting from 16 to 25 MHz. No modulation lanes visible.

Io-C LCP dominant L bursting from 16 to 25 MHz, Many modulation lanes visible, drift rates spanning -20 kHz/s to -150 kHz/s.

Io-C LCP dominant S bursting from 16 to 22 MHz.

Jupiter was -48° to -30° off axis for Io-A.

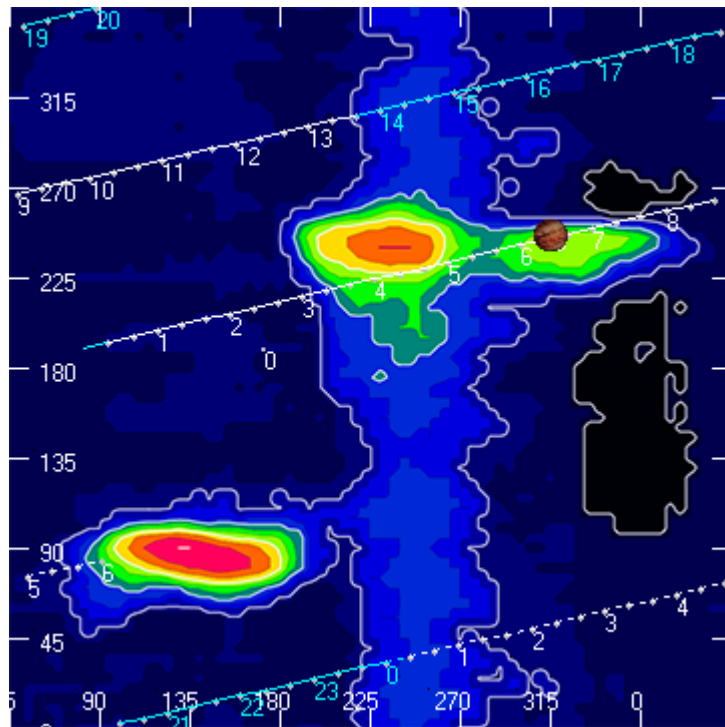
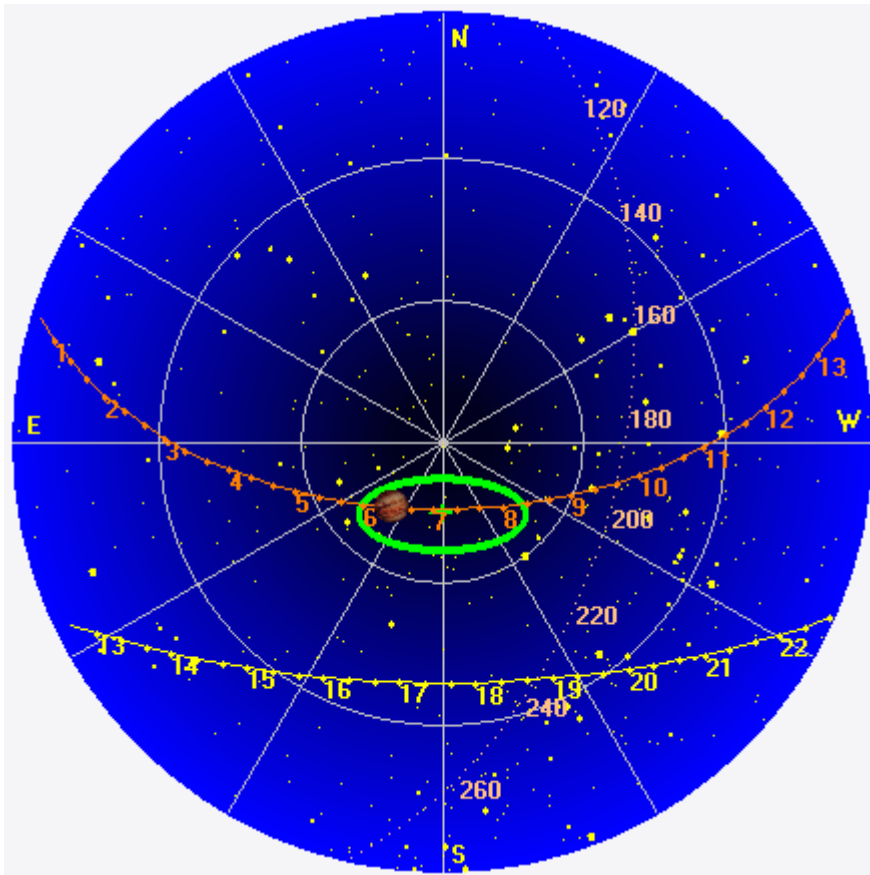
Jupiter was -30° to +9° off axis for Io-C.

Jupiter was leading the Sun by 159°.

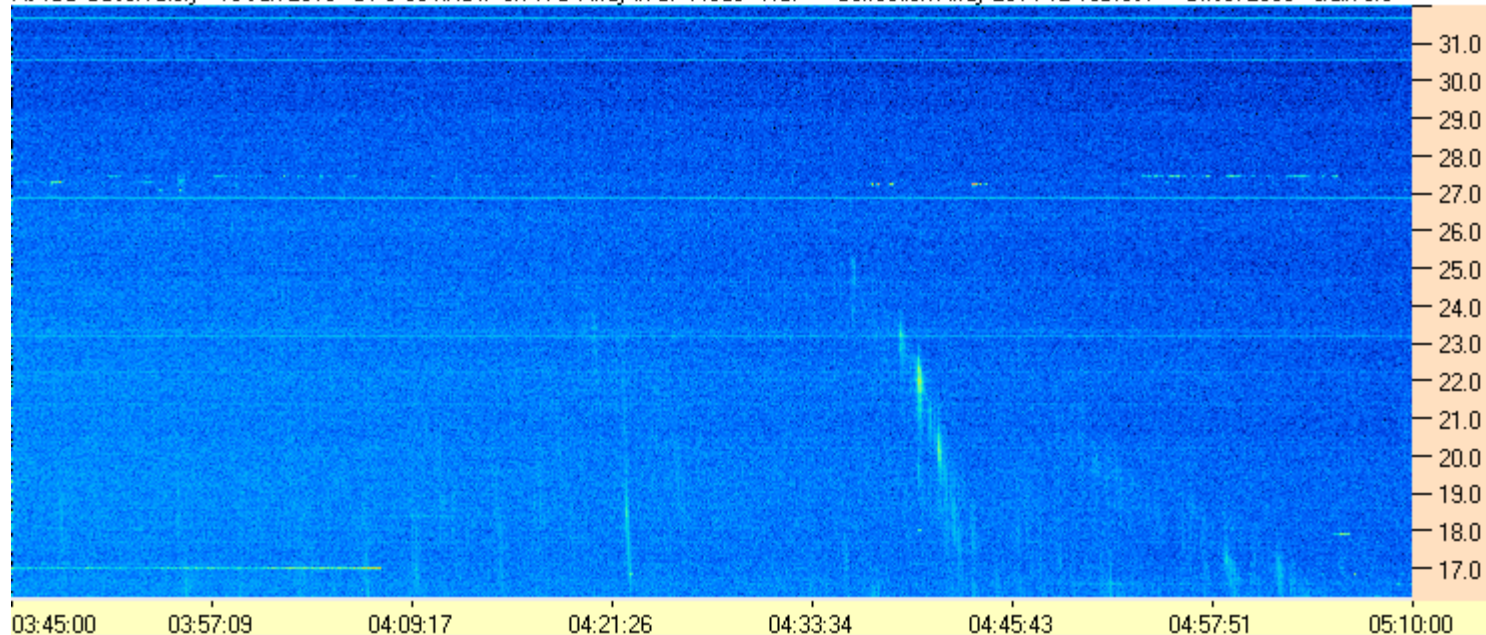
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Dave

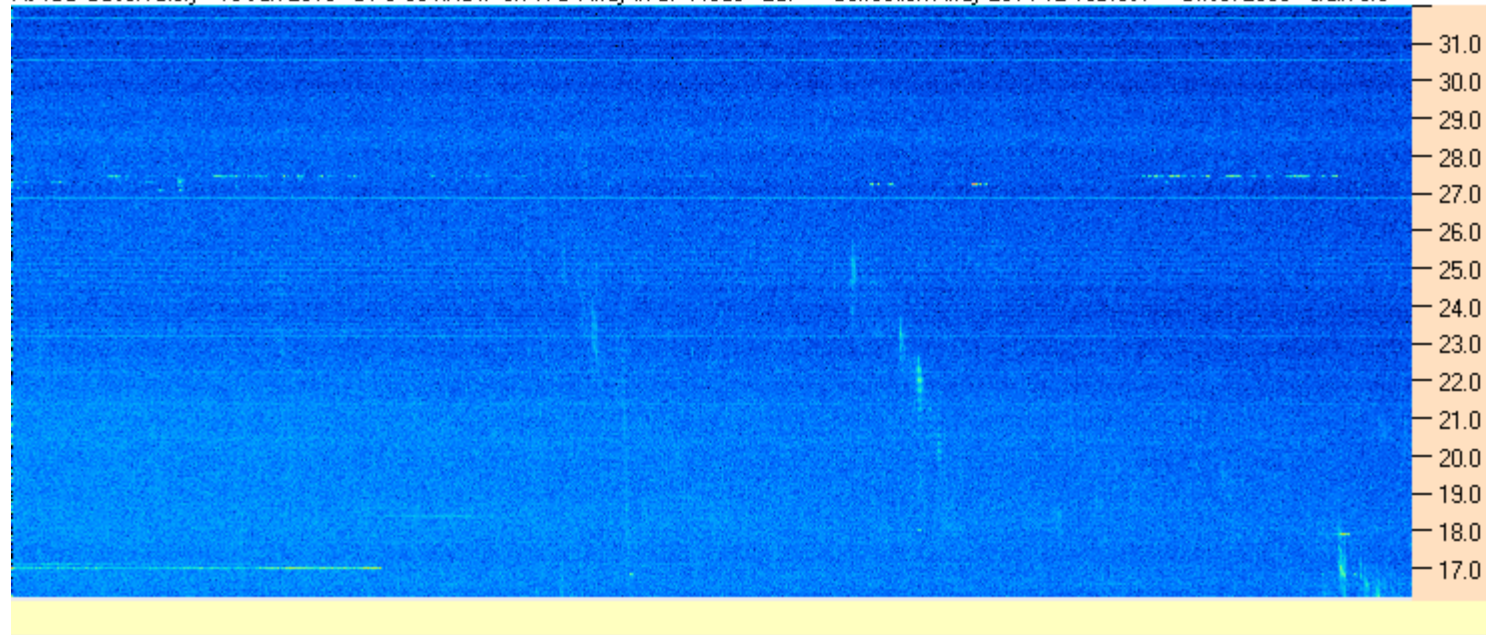
AJ4CO Observatory 19 Jan 2015, log entry 284(RCP), 285(LCP)

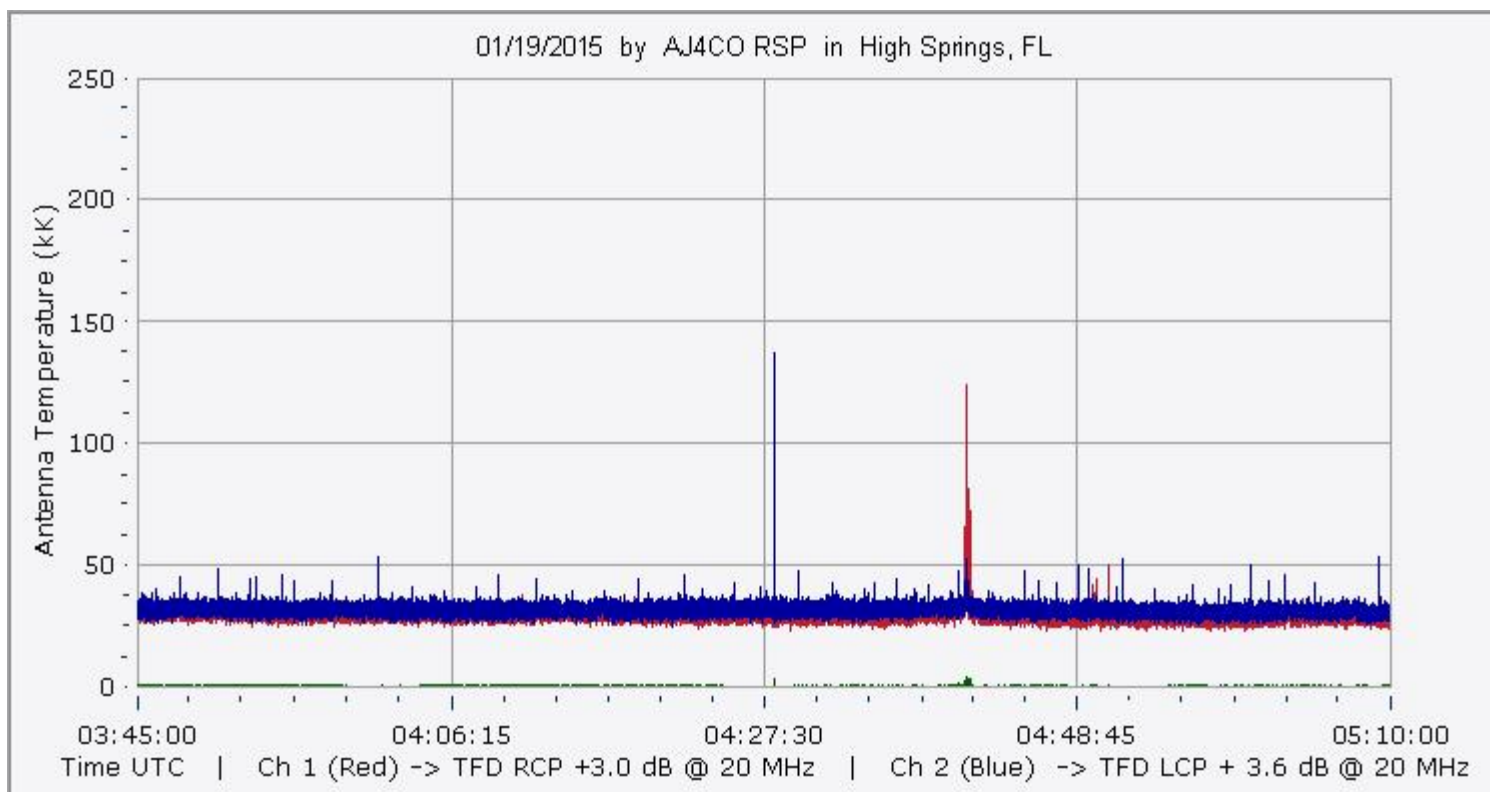


AJ4CO Observatory - 19 Jan 2015 - DPS 30 kHz IF on TFD Array in CP Mode - RCP Correction Array 2014 12 18B.csv Offset 2050 Gain 5.0

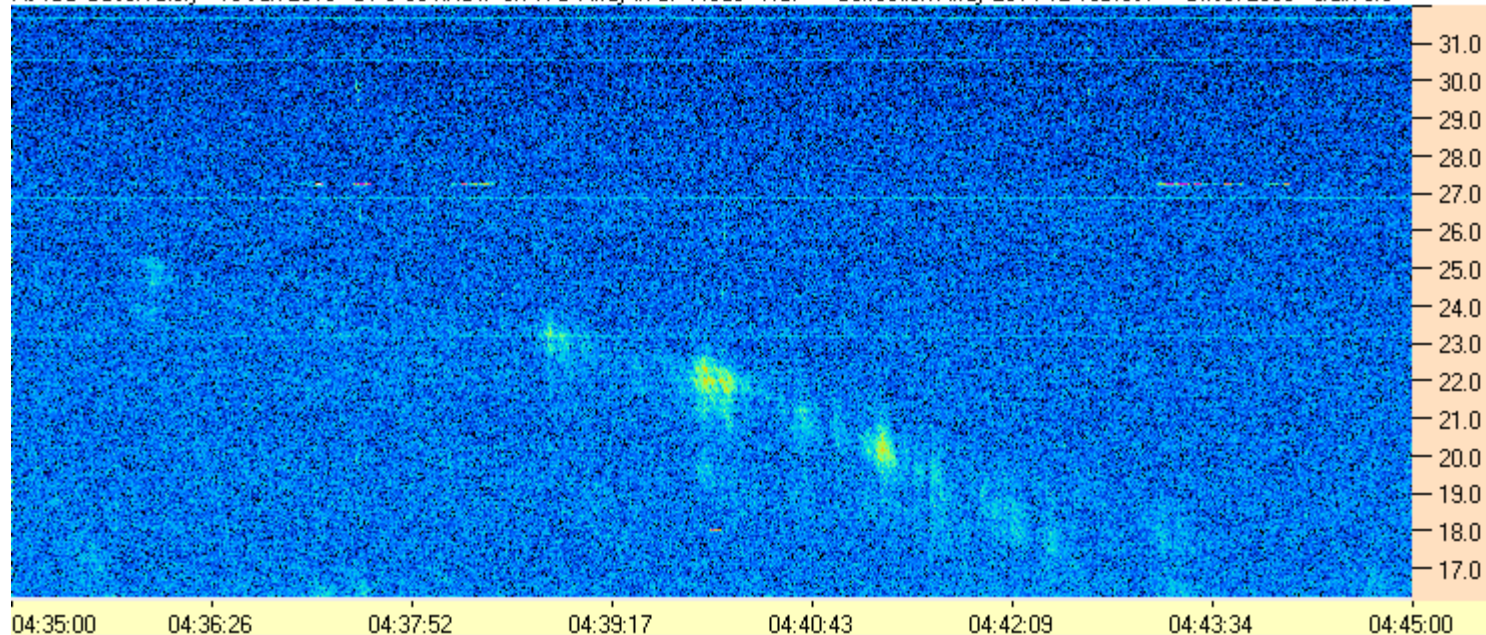


AJ4CO Observatory - 19 Jan 2015 - DPS 30 kHz IF on TFD Array in CP Mode - LCP Correction Array 2014 12 18B.csv Offset 2050 Gain 5.0

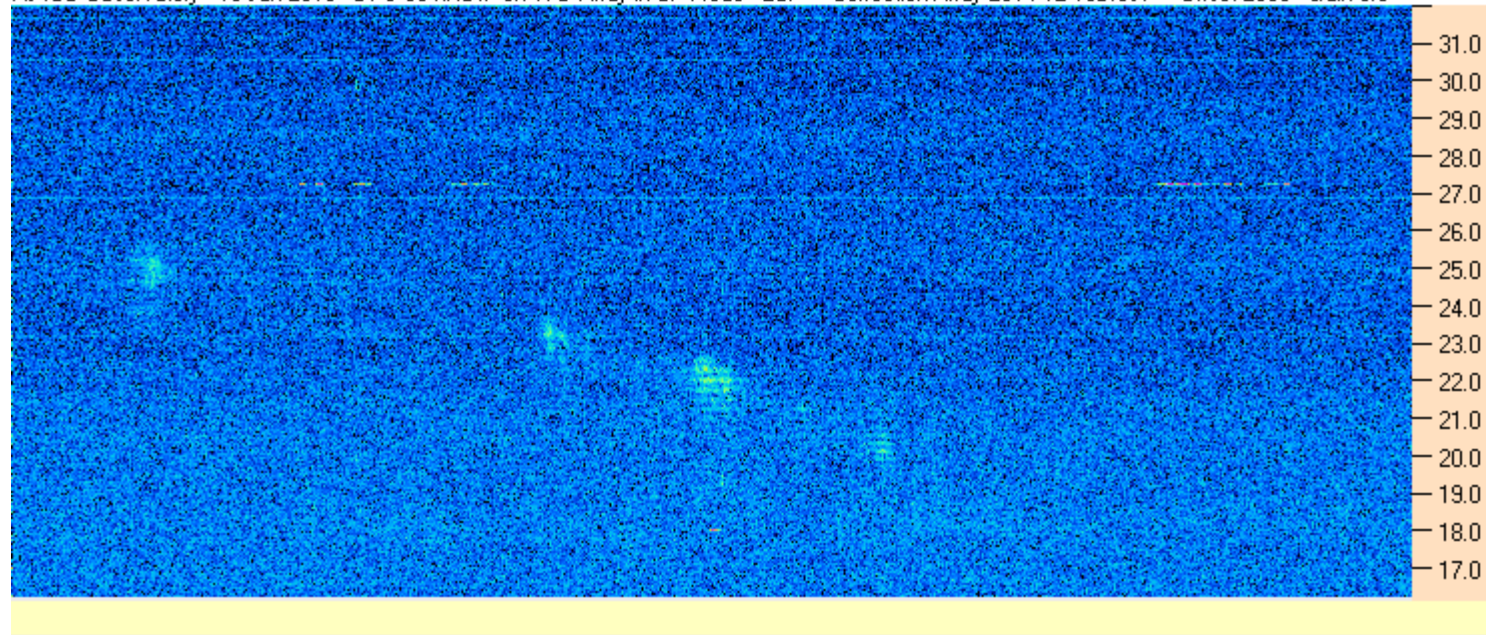


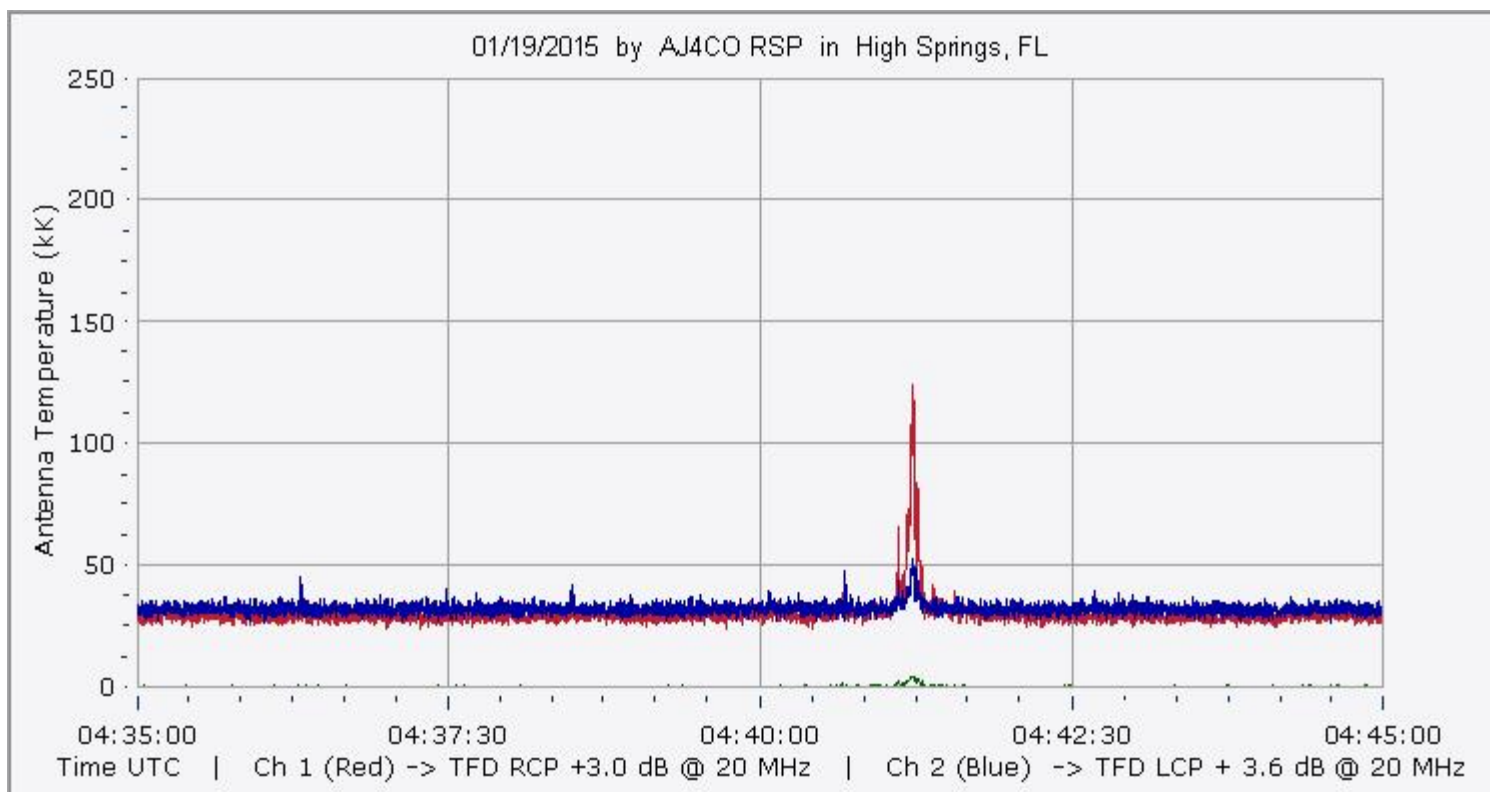


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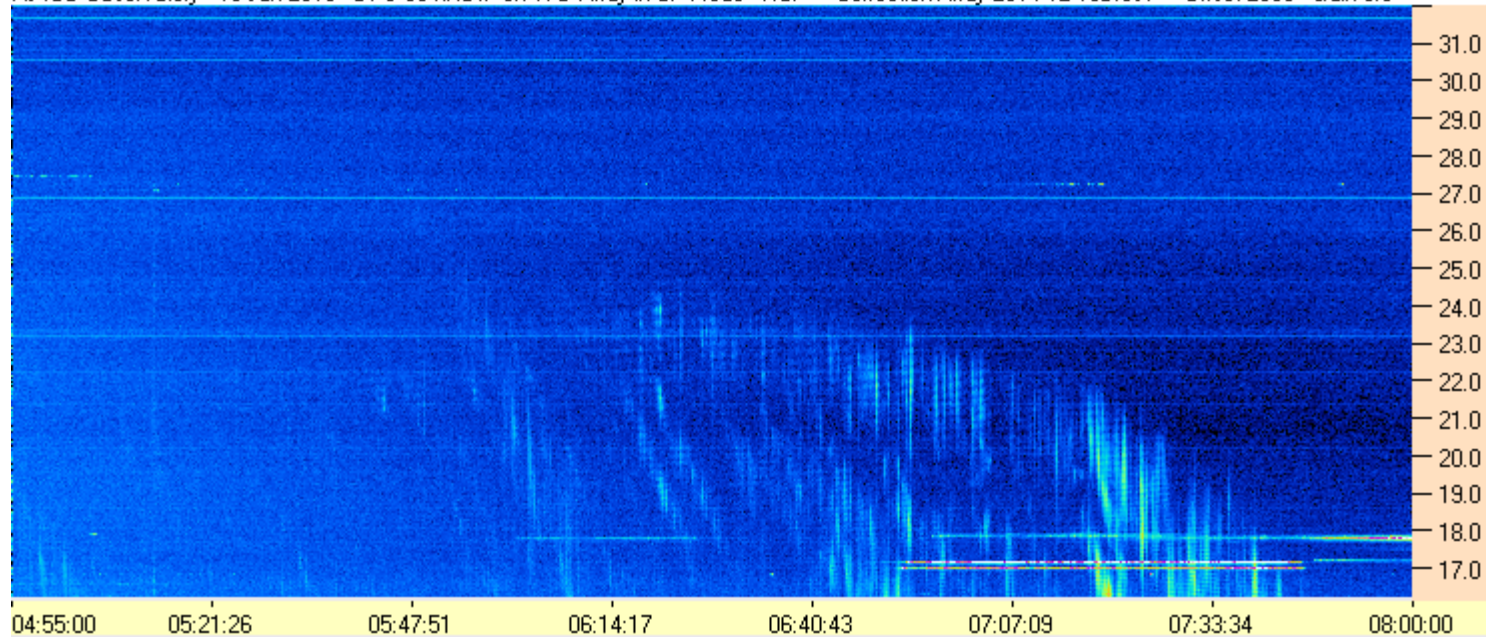


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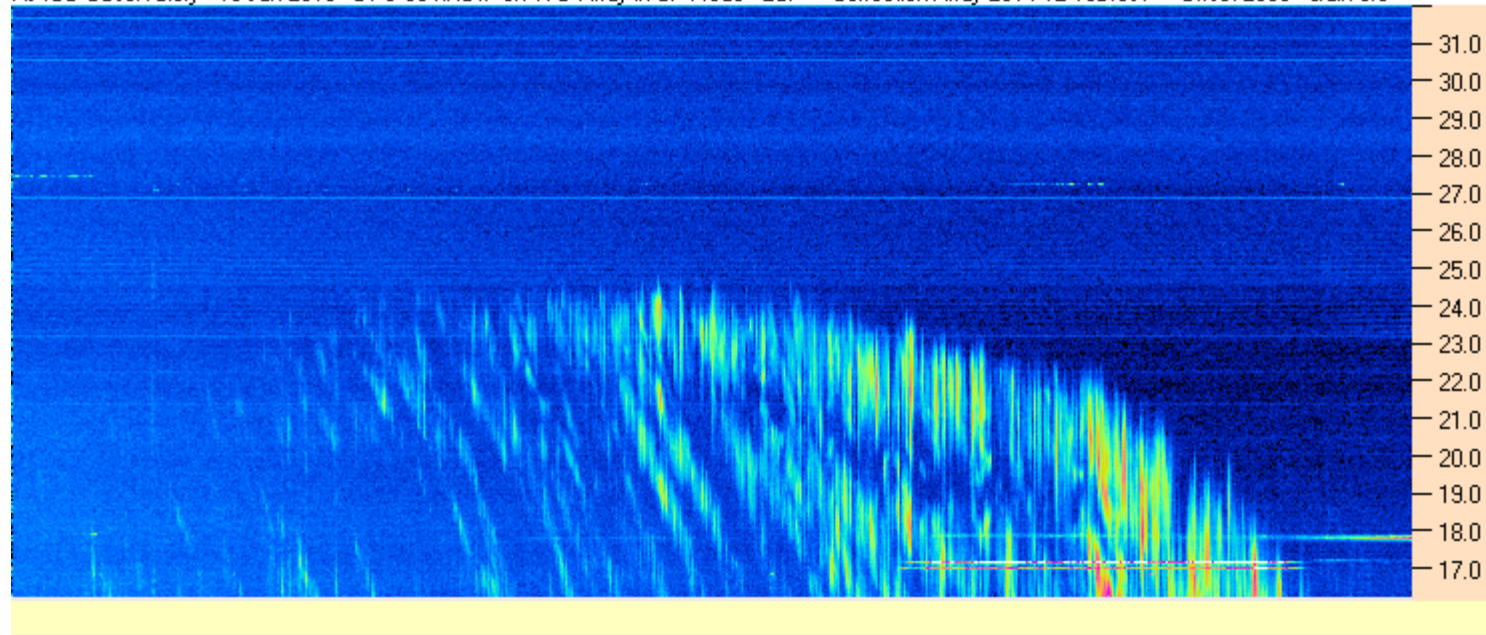


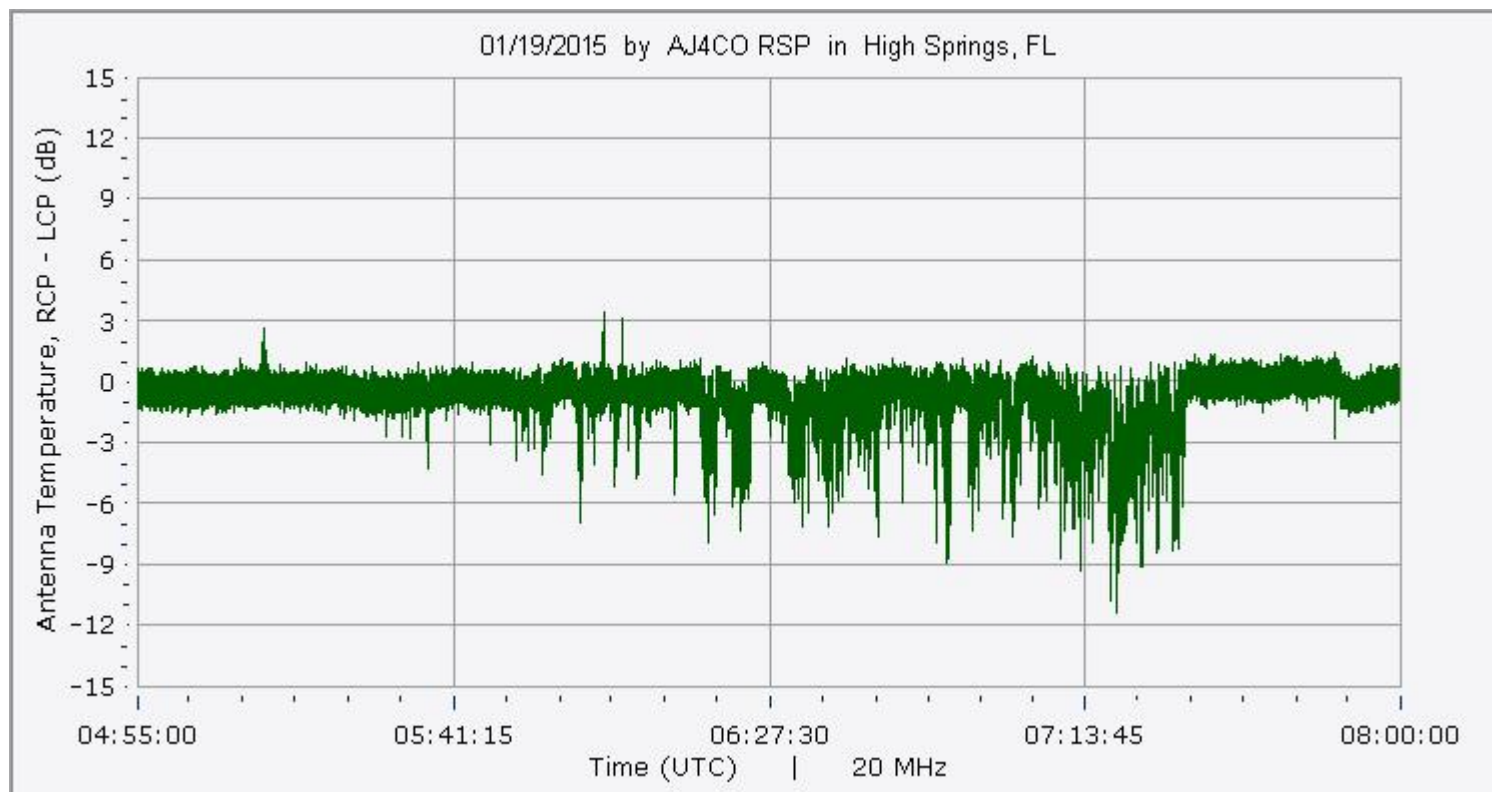
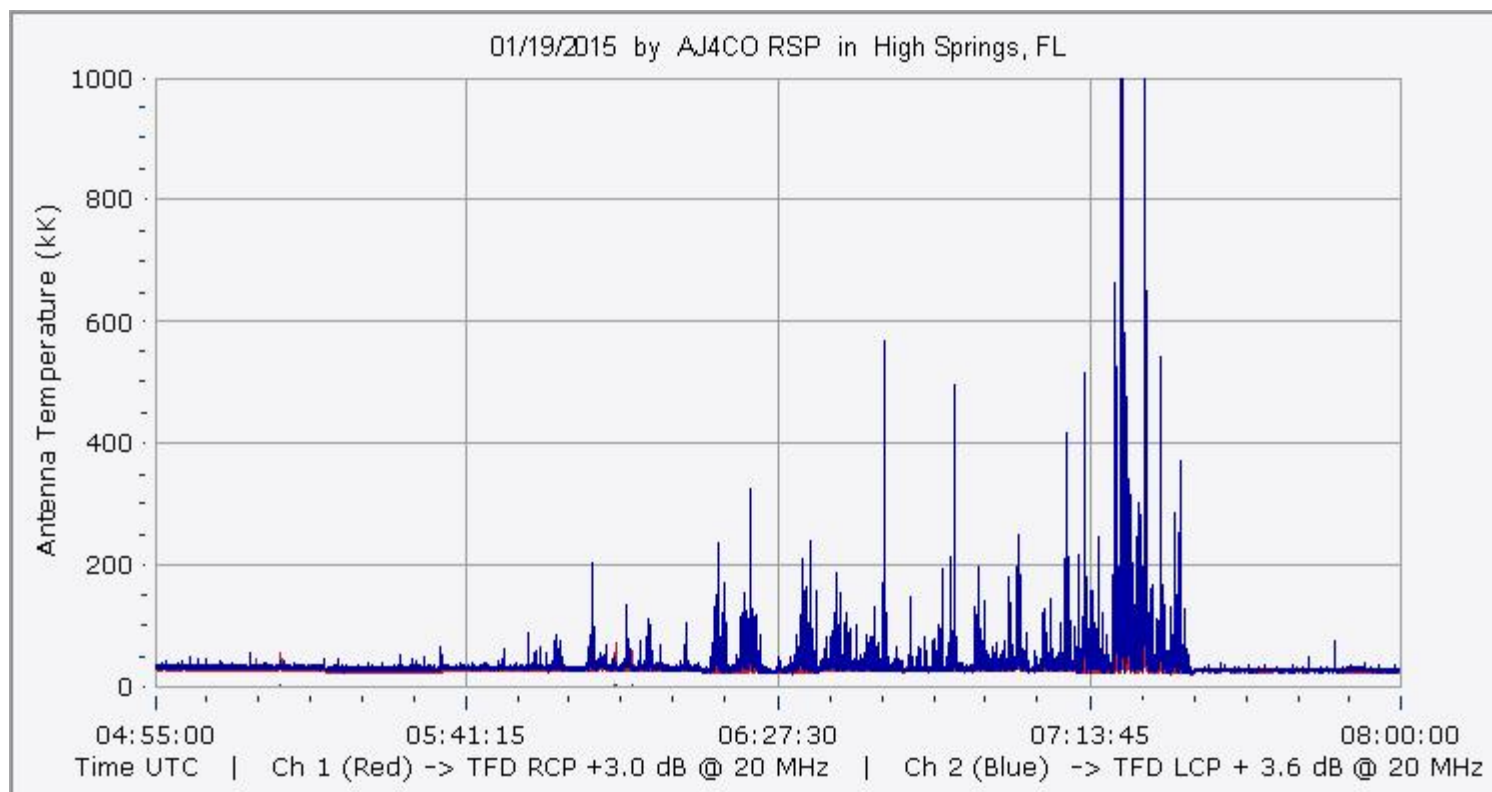


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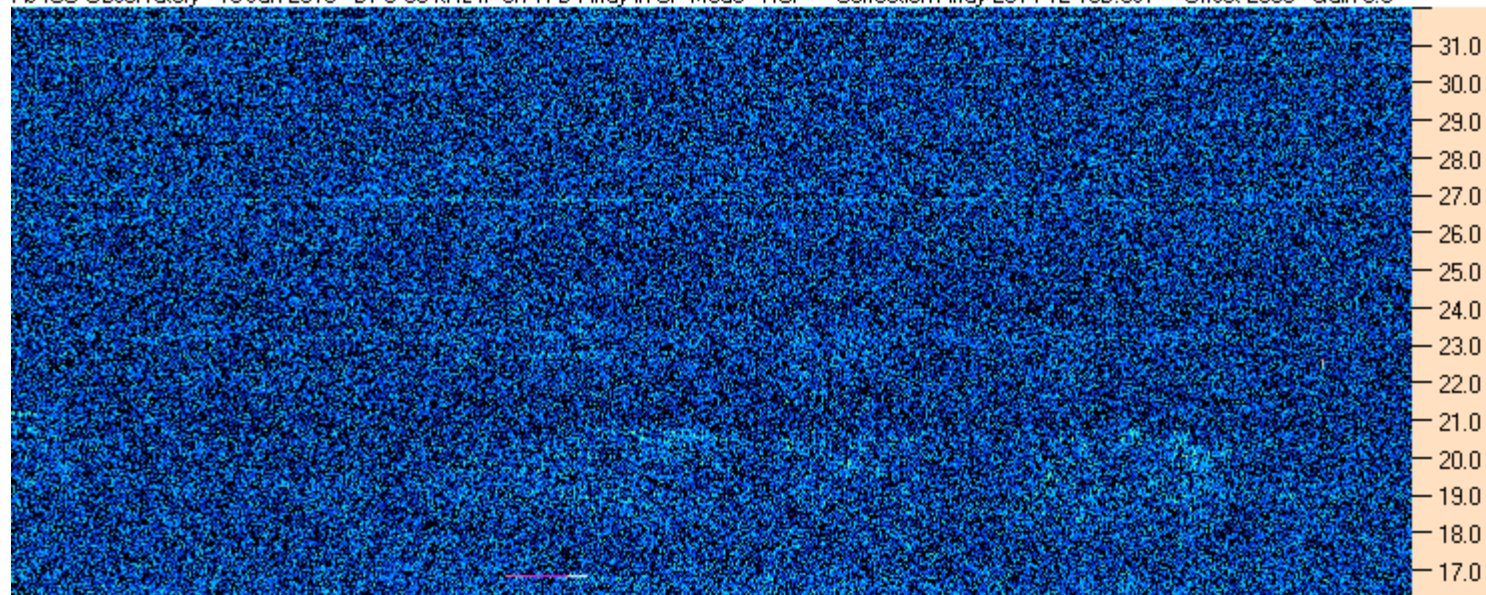


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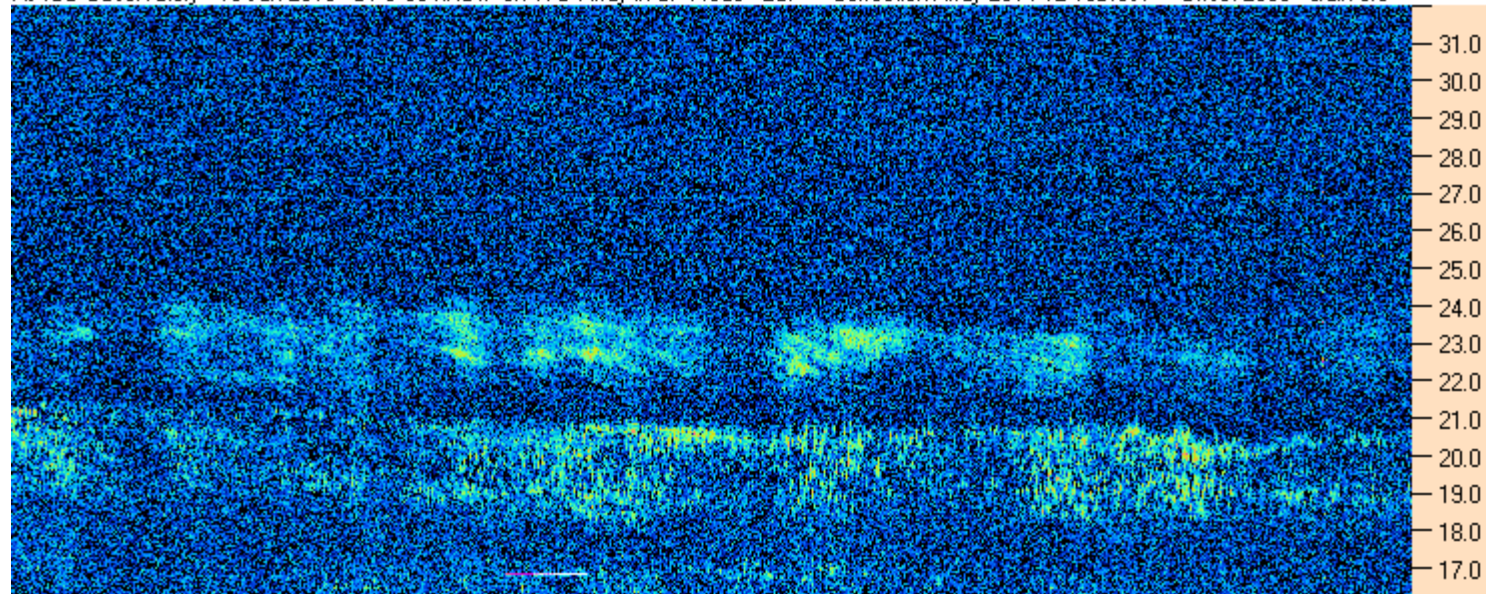


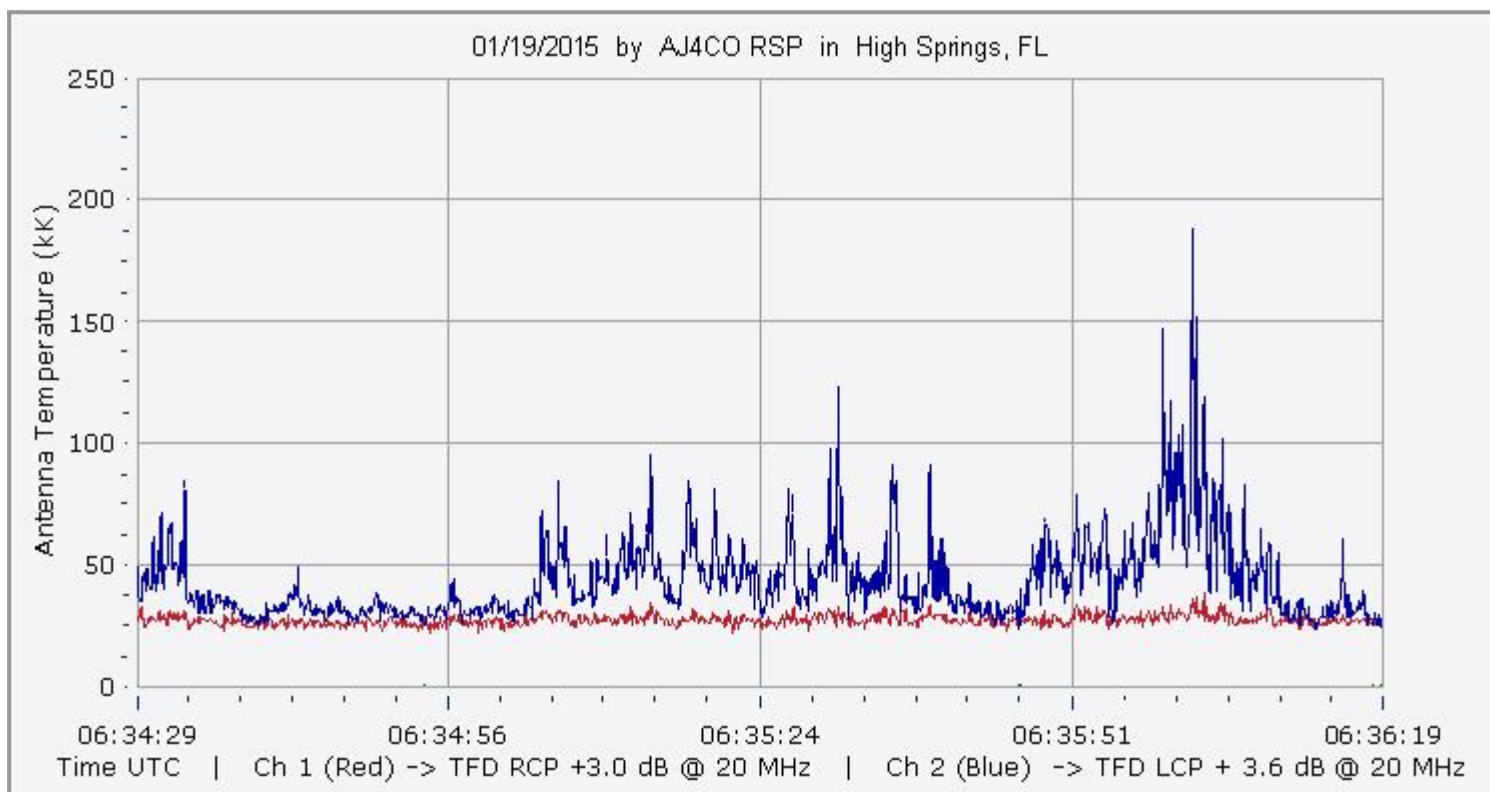
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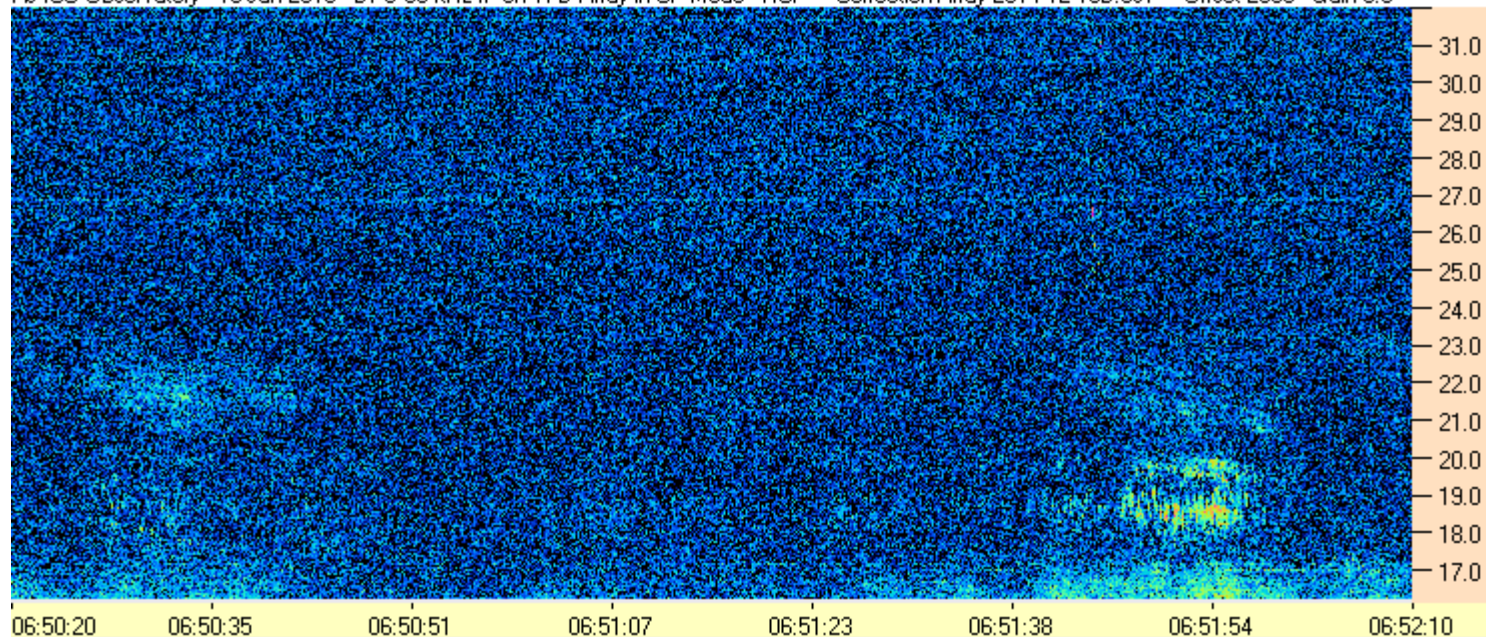
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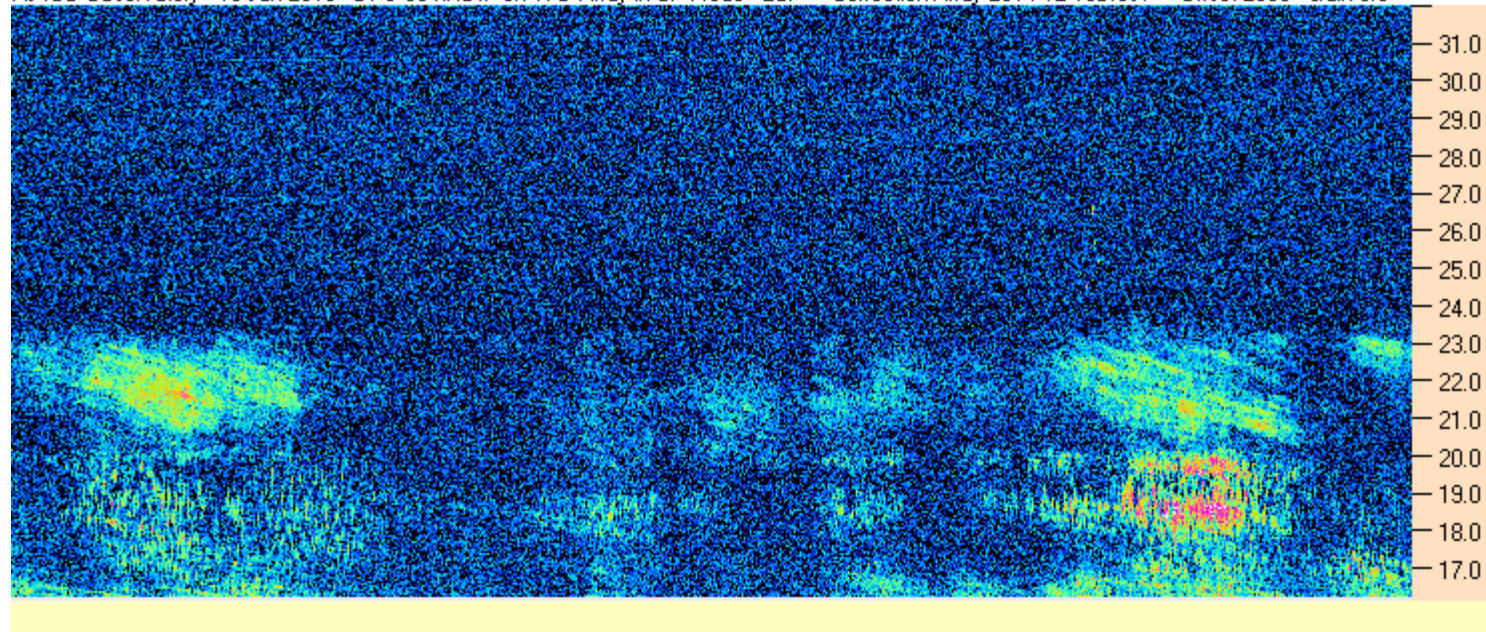


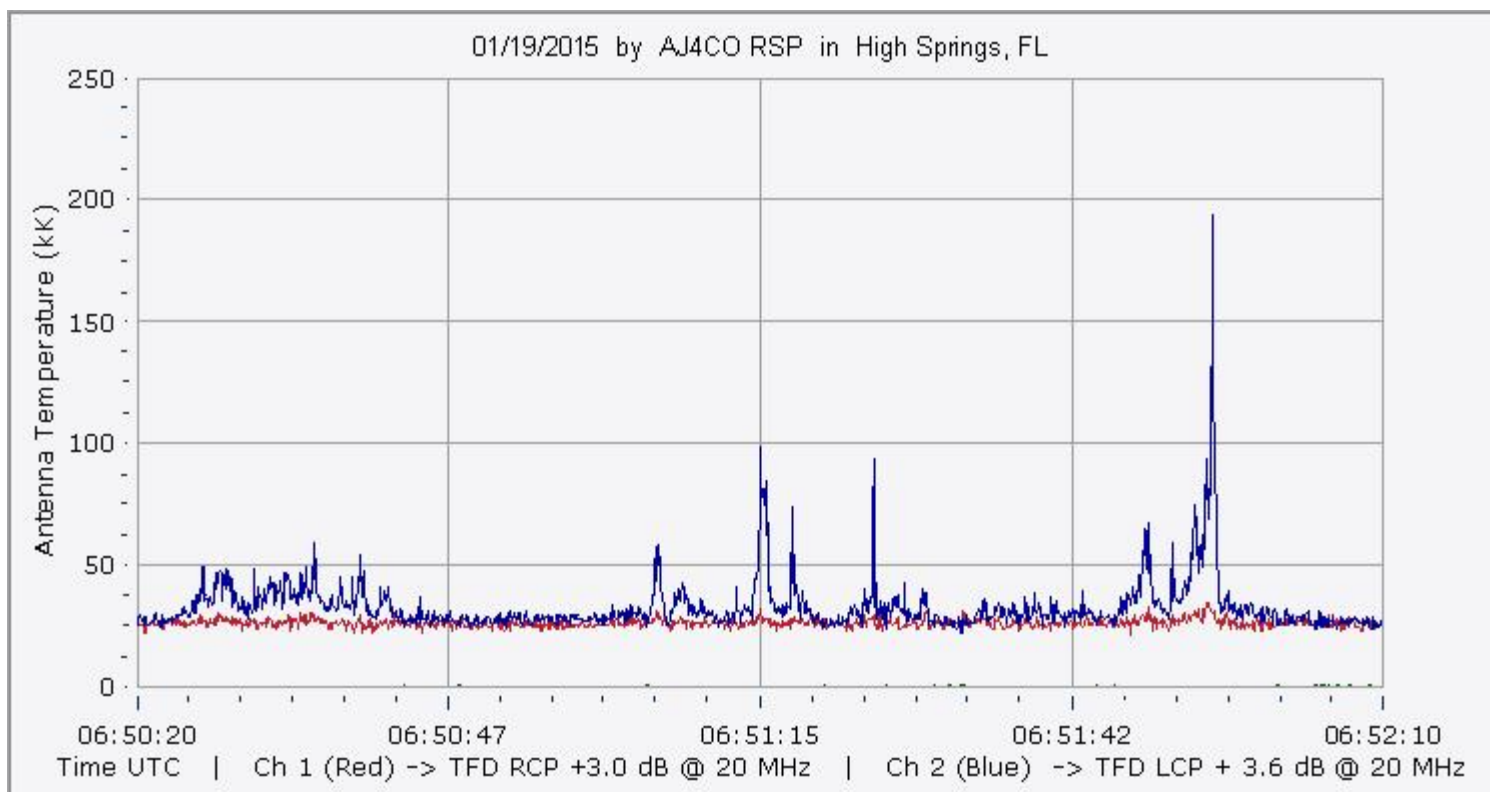


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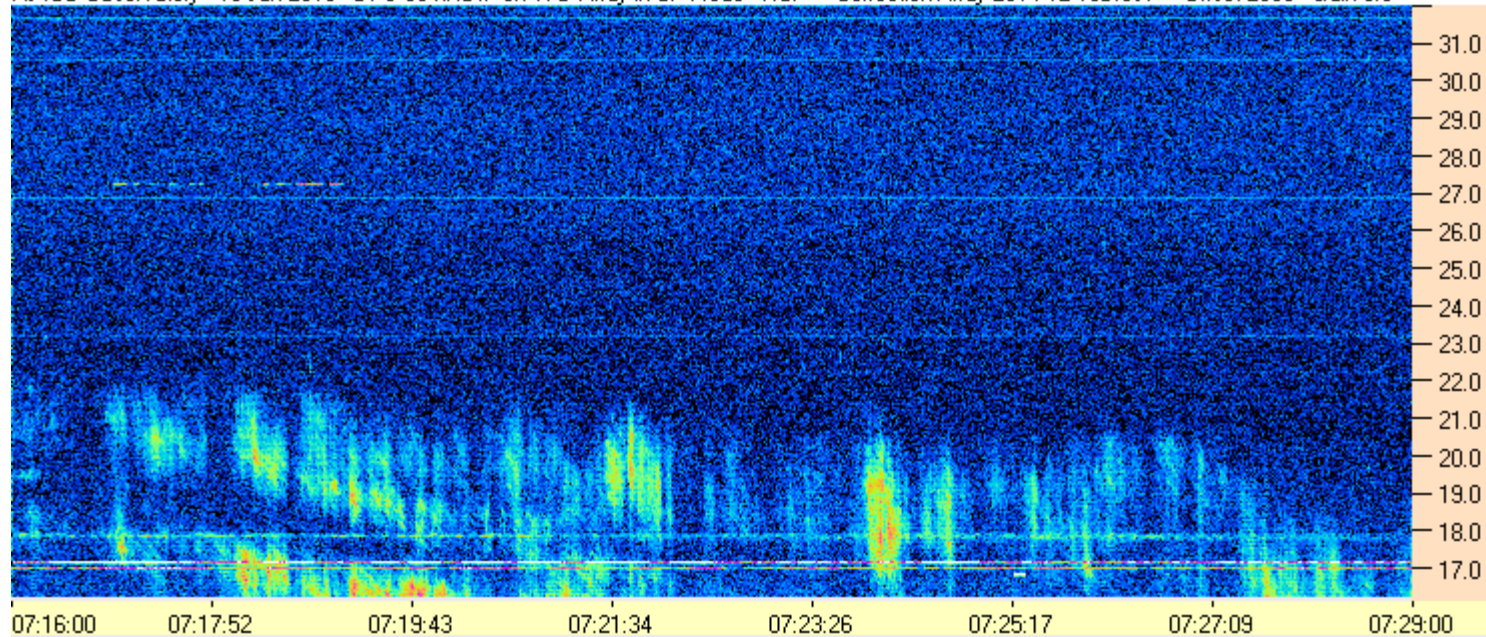


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