

Subject: [radiojove-data] 18 Dec 2014 Io-C
From: Dave Typinski <davetyp@typnet.net>
Date: 12/20/2014 21:35
To: RadioJove-Data <radiojove-data@lists.nasa.gov>

Adding to Tom and Jim and Mia's nice reports, here's more of the Io-C from Thursday morning.

This was a very nice, long, strong Io-C storm.

LCP dominant L bursting from 16 to 26 MHz. Modulation lanes visible ca 1024 UTC, drift rate -120 kHz/s. A few very strong L bursts, one topped 2 MK in the TFD array on the 20.1 MHz LCP Jove receiver at 1050 UTC. Should have been around 250 to 300 kK using a standard dual dipole Jove array.

LCP dominant S bursting from 16 to 19 MHz from 1008 to 1105 UTC. TWB high speed data analysis is in work. (The data is high speed. The data processing proceeds with the alacrity of continental drift).

Possibly some N event type emission, but hard to tell. No obvious lone N events. One brief, strong narrow band emission of note at 25 MHz at 0930 UTC. Further details of this one are awaiting TWB data analysis.

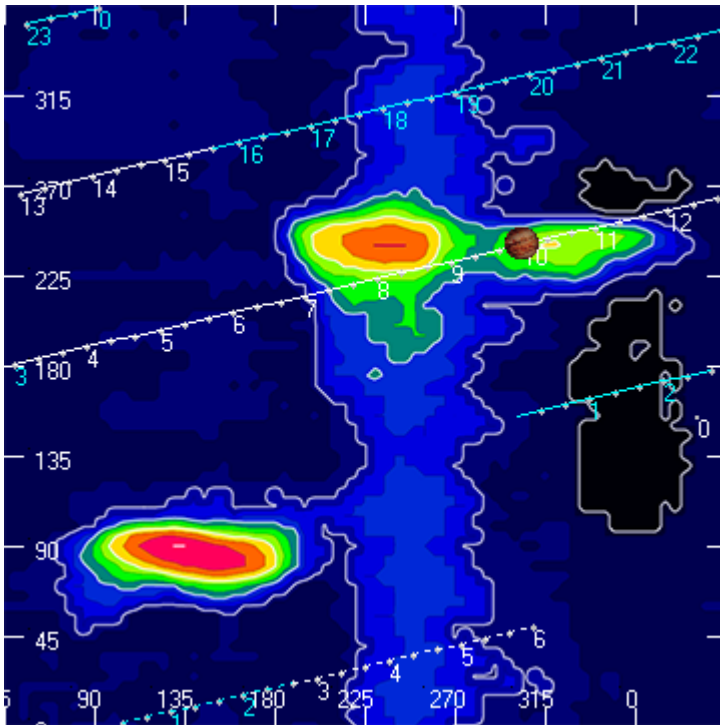
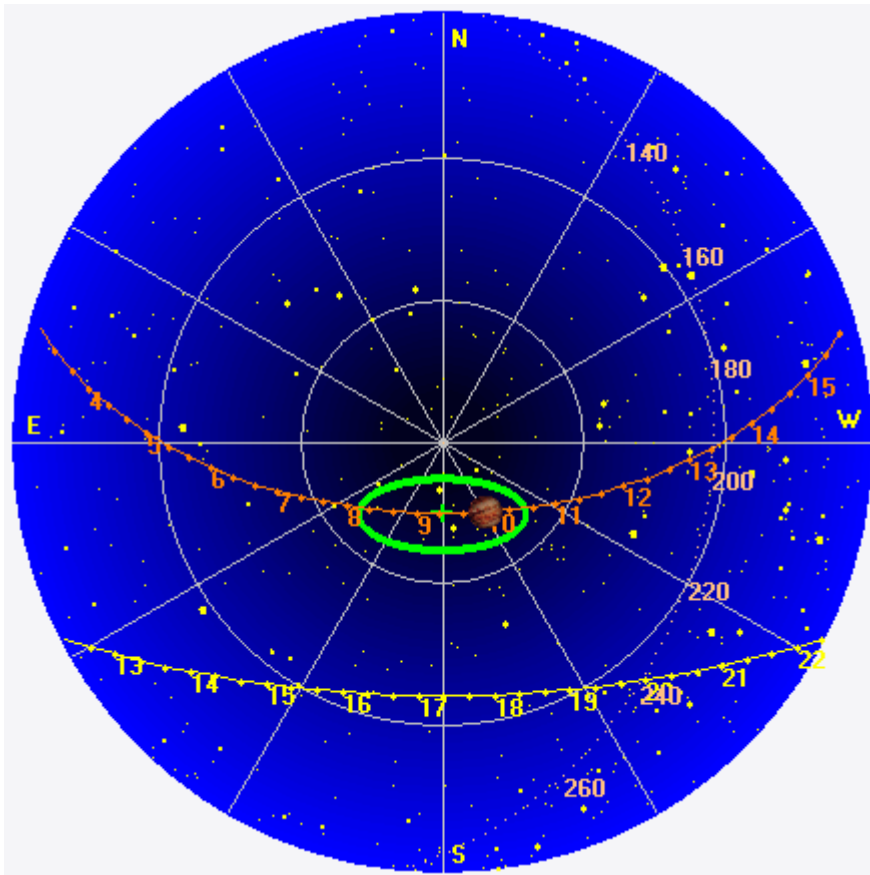
Jupiter was -11° to $+29^{\circ}$ off axis.

Jupiter was leading the Sun by 124° .

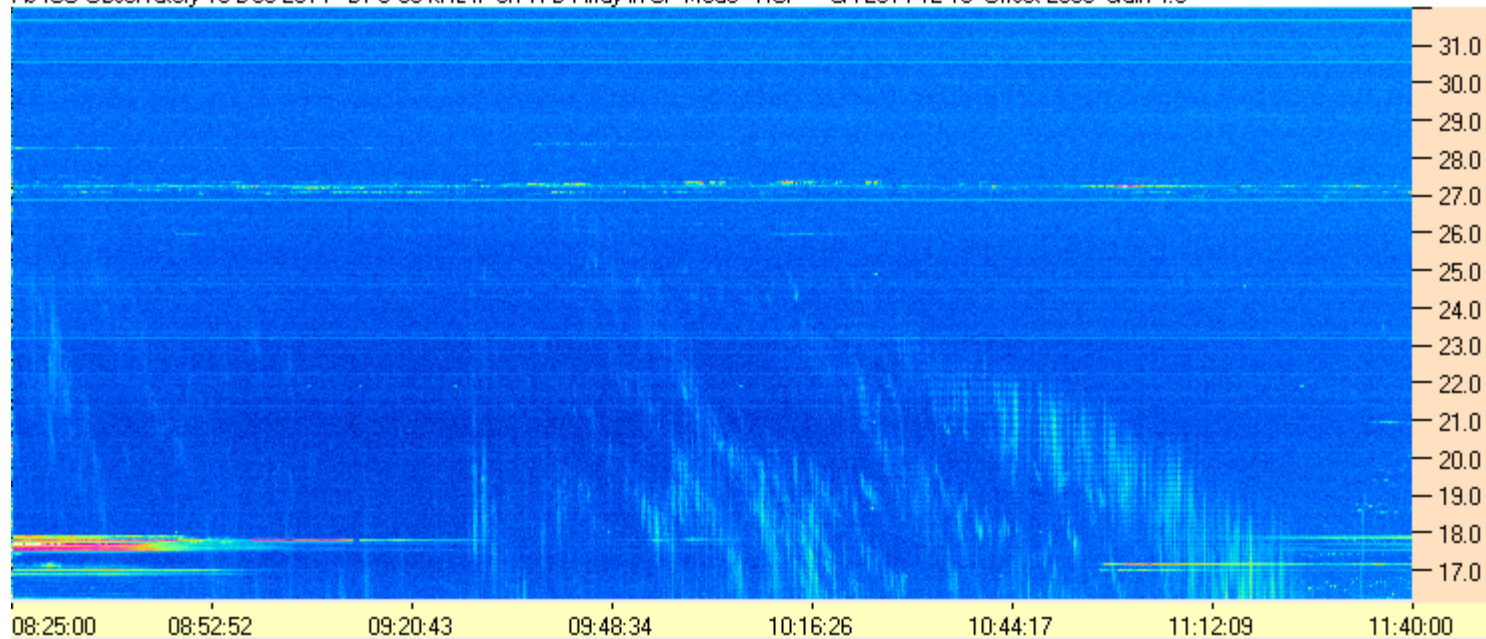
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Dave

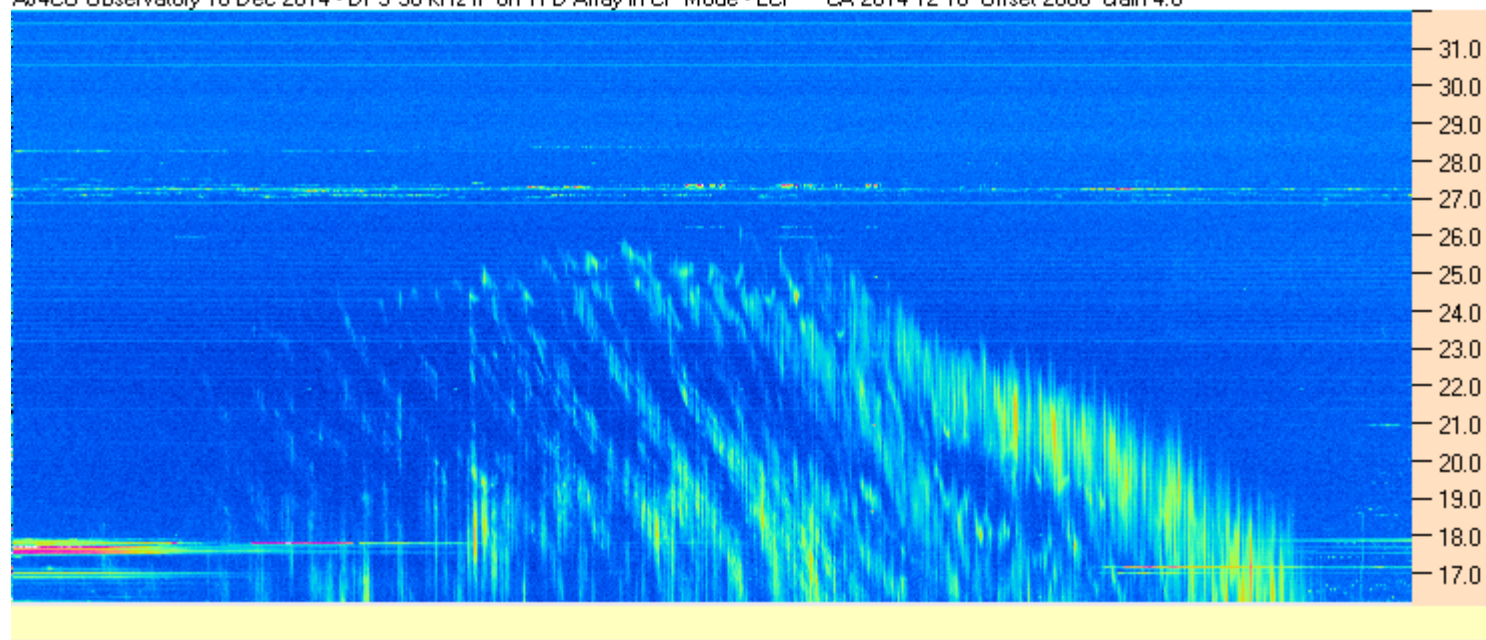
AJ4CO Observatory 18 Dec 2014, log entry 235(L), 236(S)

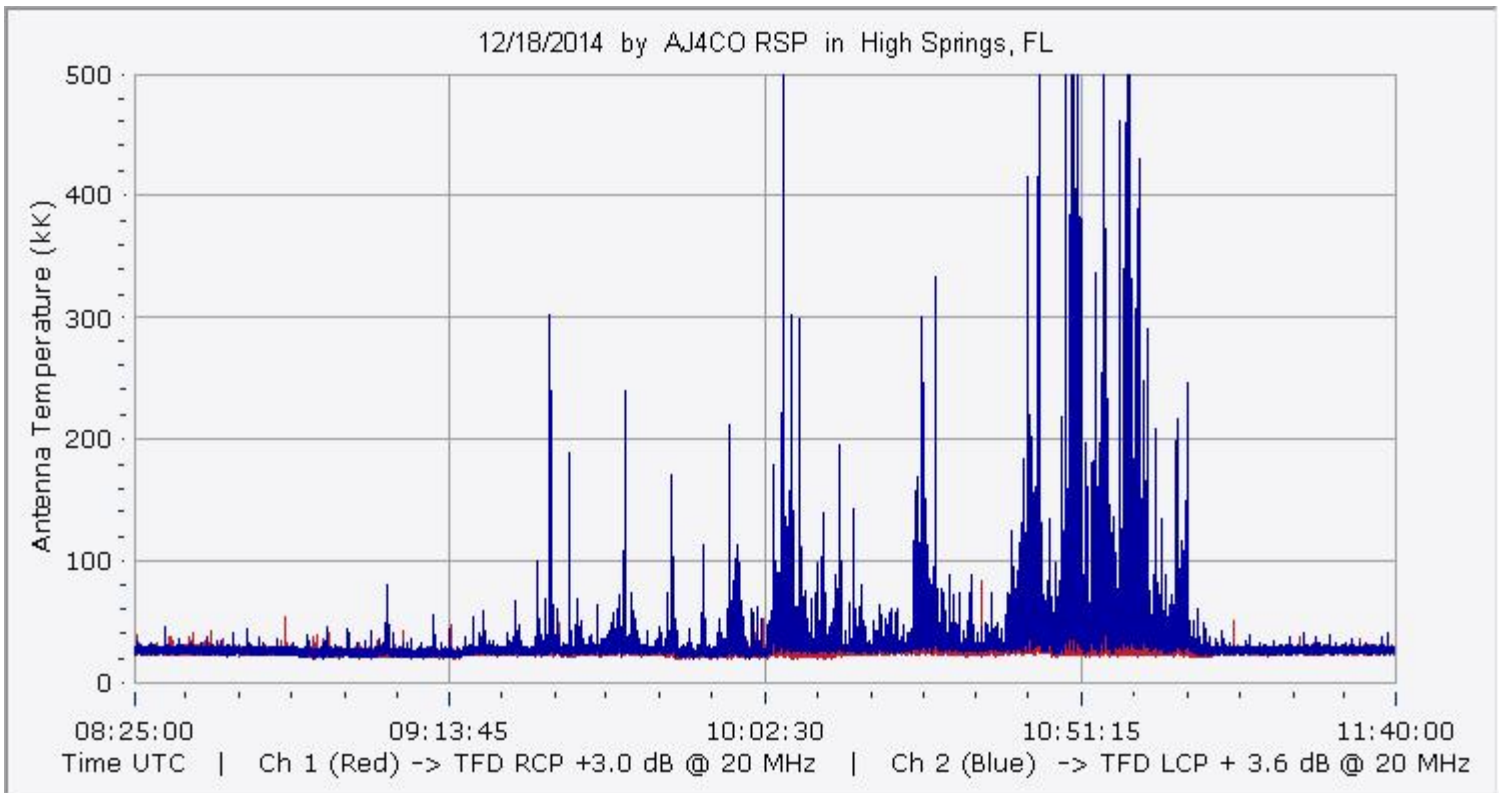


AJ4CO Observatory 18 Dec 2014 - DPS 30 kHz IF on TFD Array in CP Mode - RCP CA 2014 12 18 Offset 2000 Gain 4.0

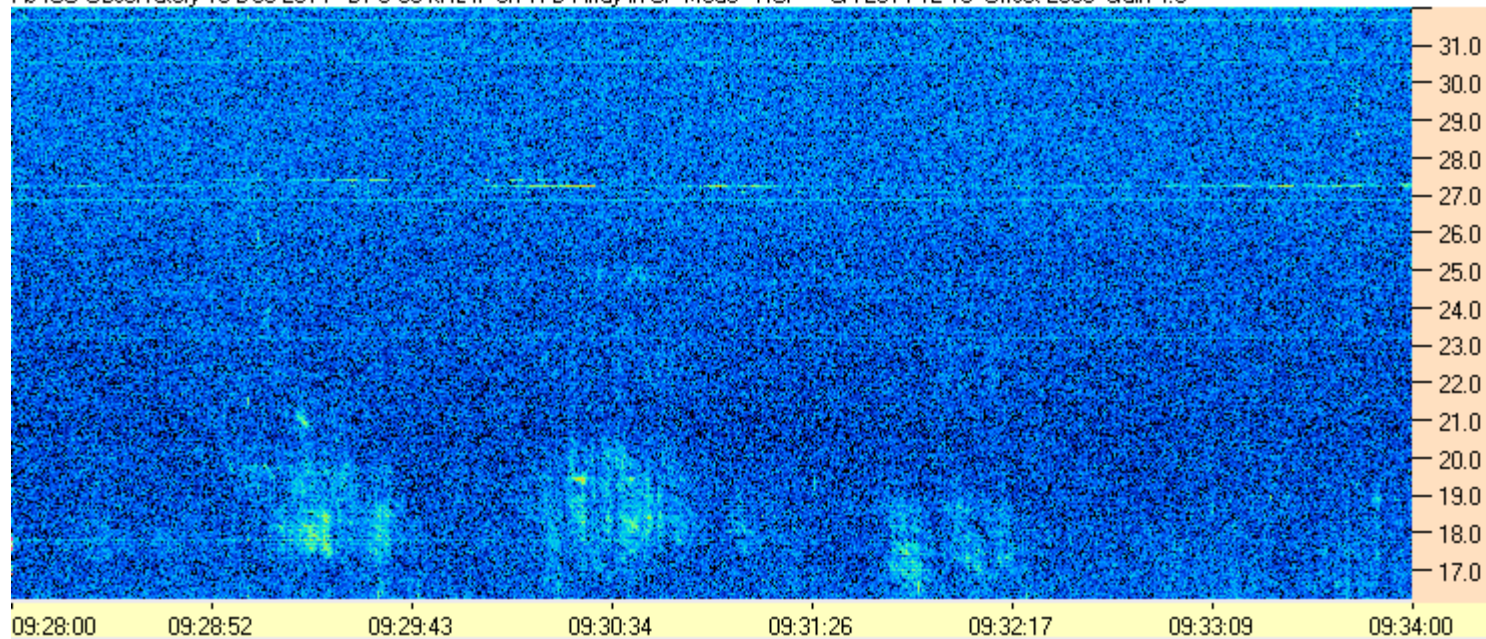


AJ4CO Observatory 18 Dec 2014 - DPS 30 kHz IF on TFD Array in CP Mode - LCP CA 2014 12 18 Offset 2000 Gain 4.0

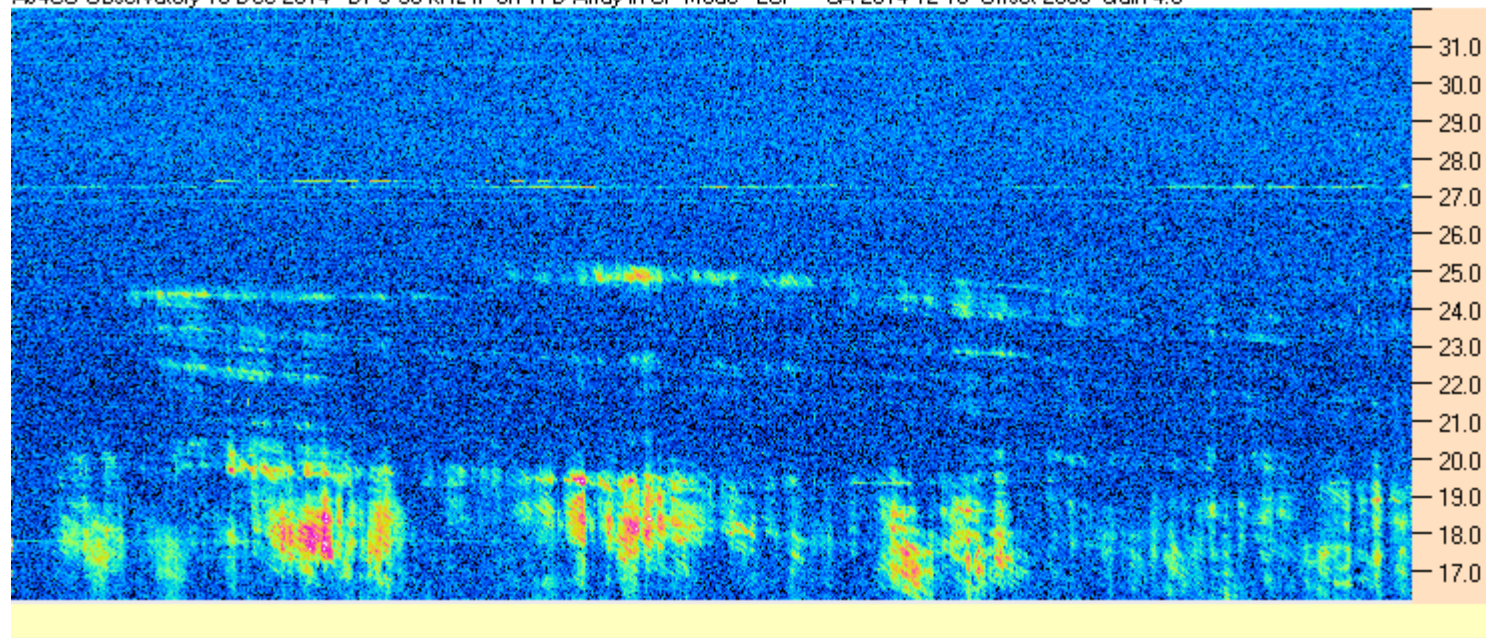


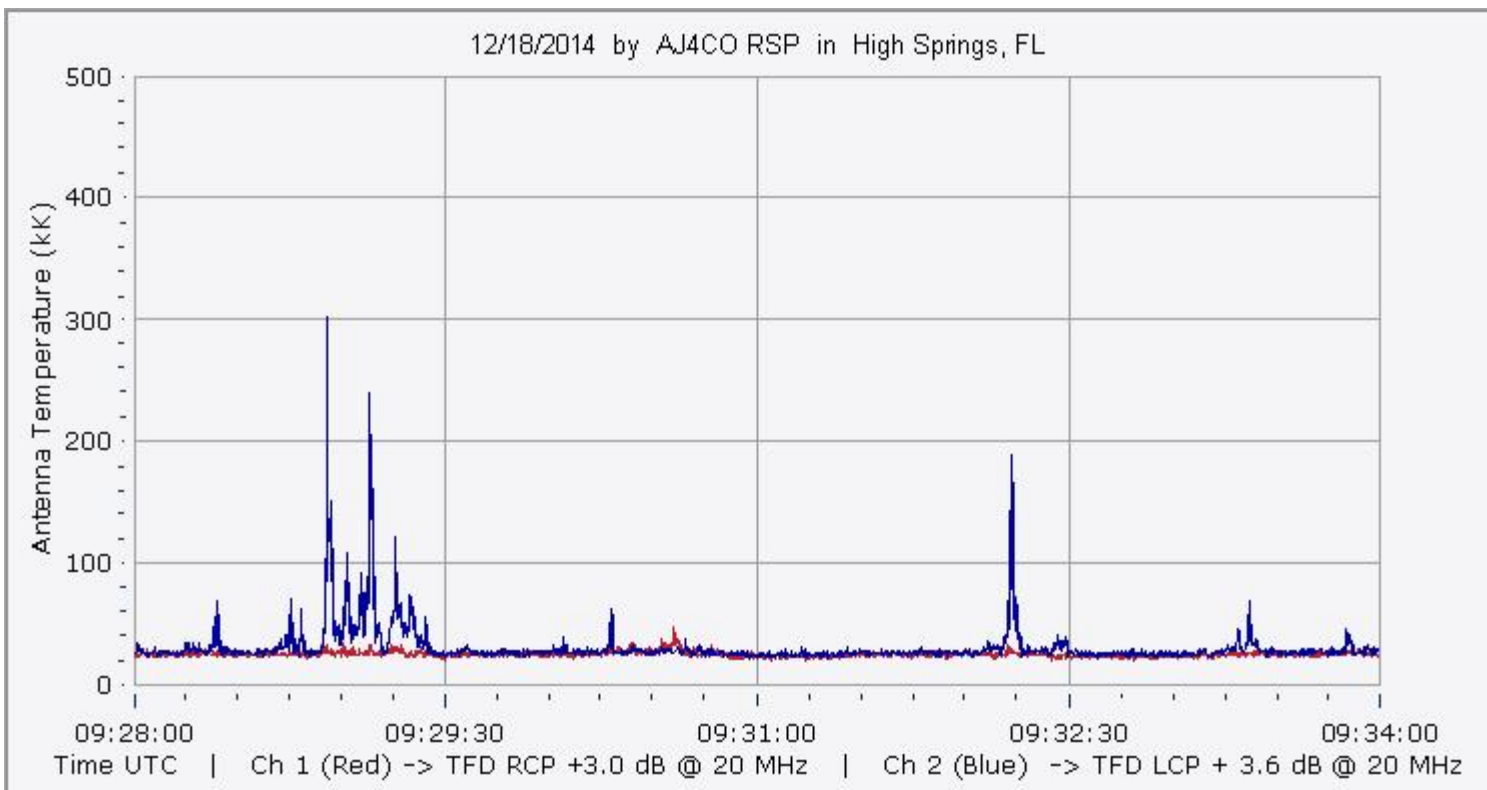


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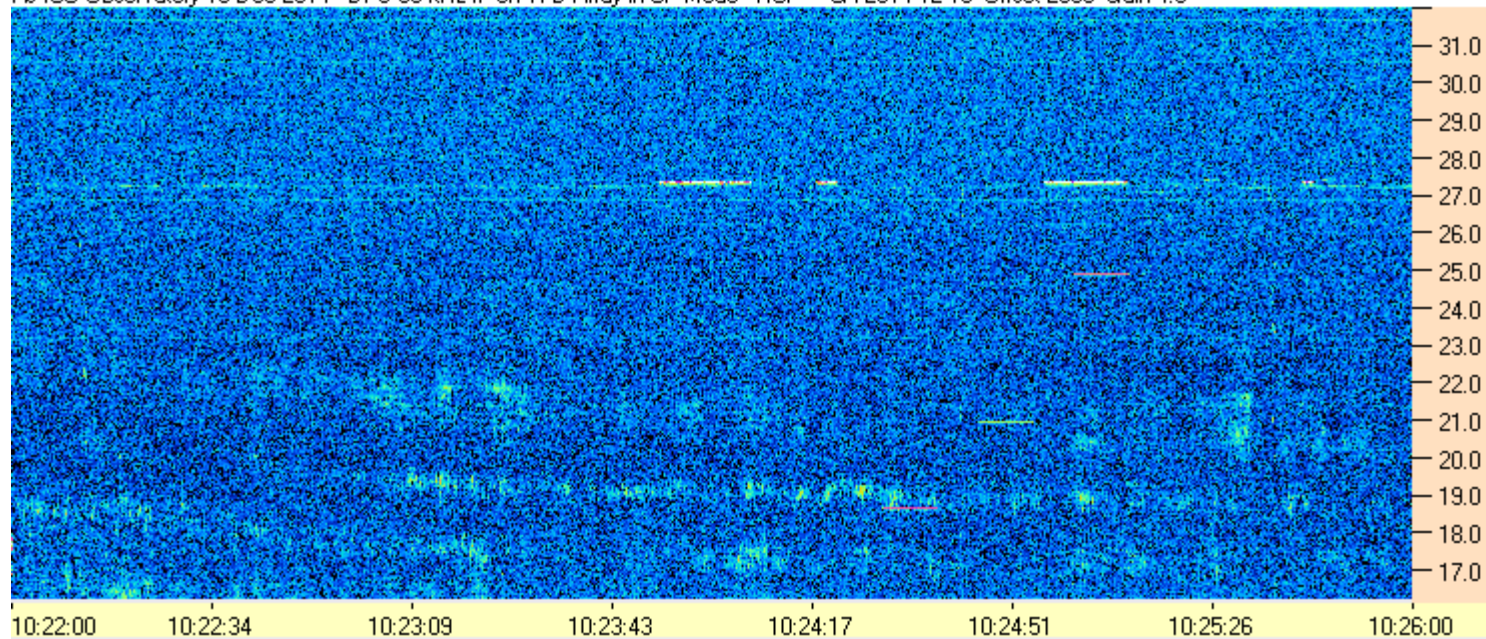


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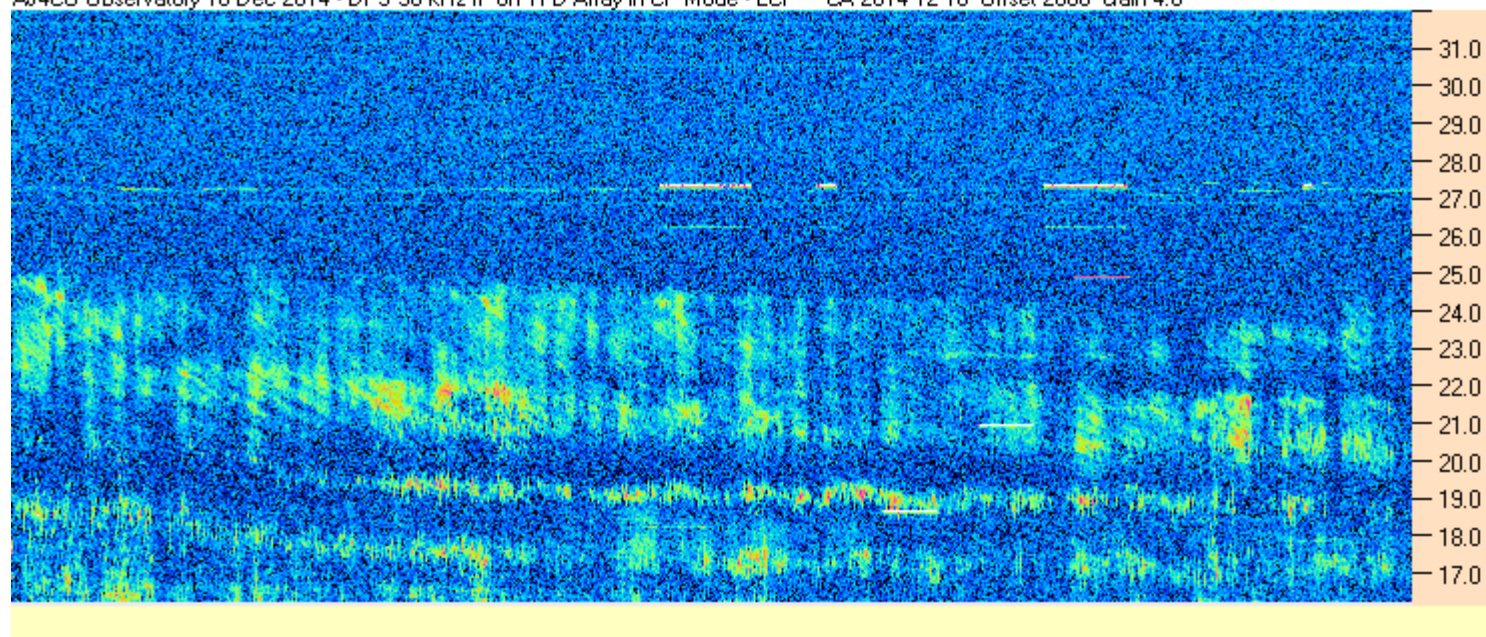


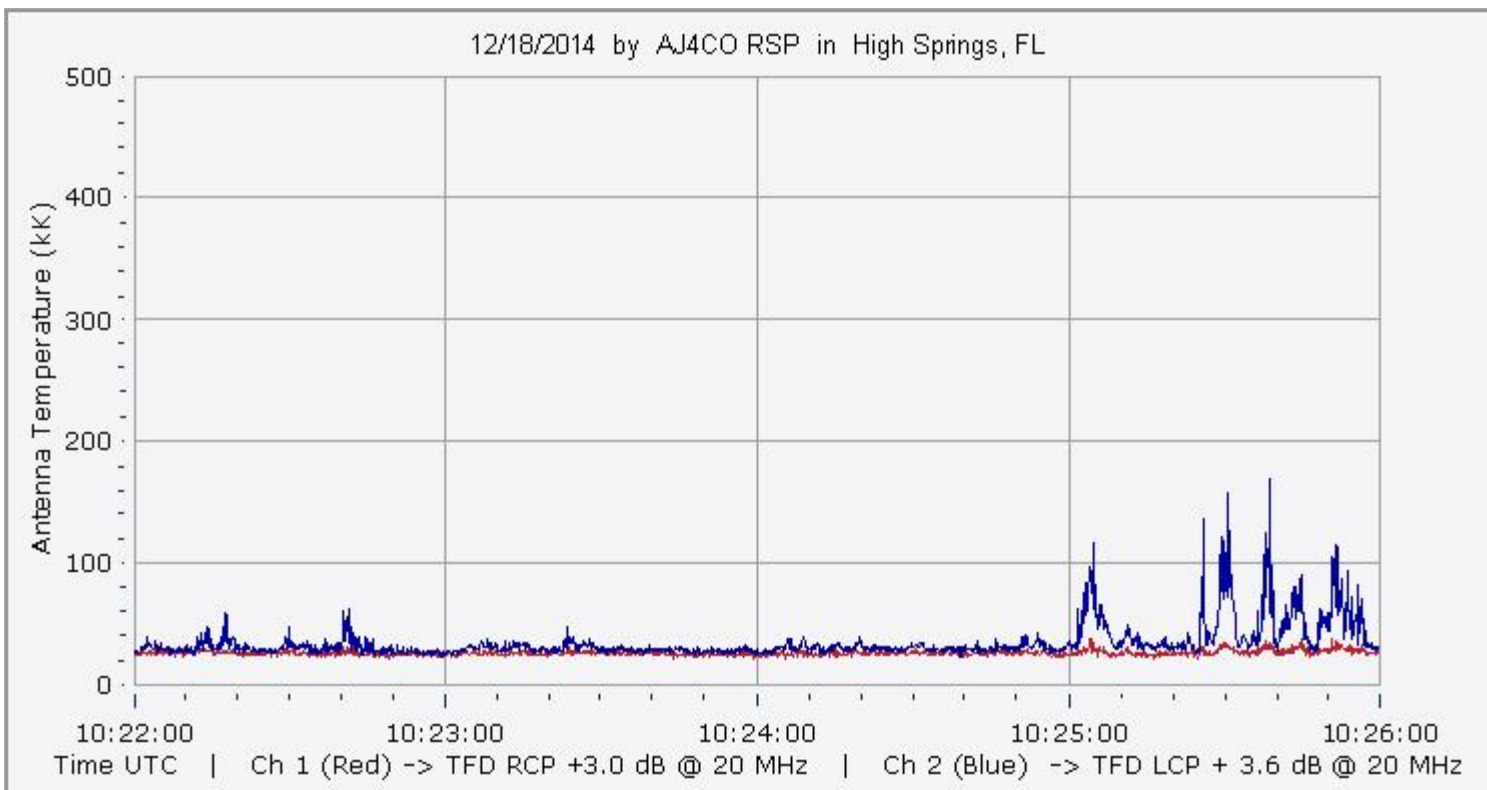


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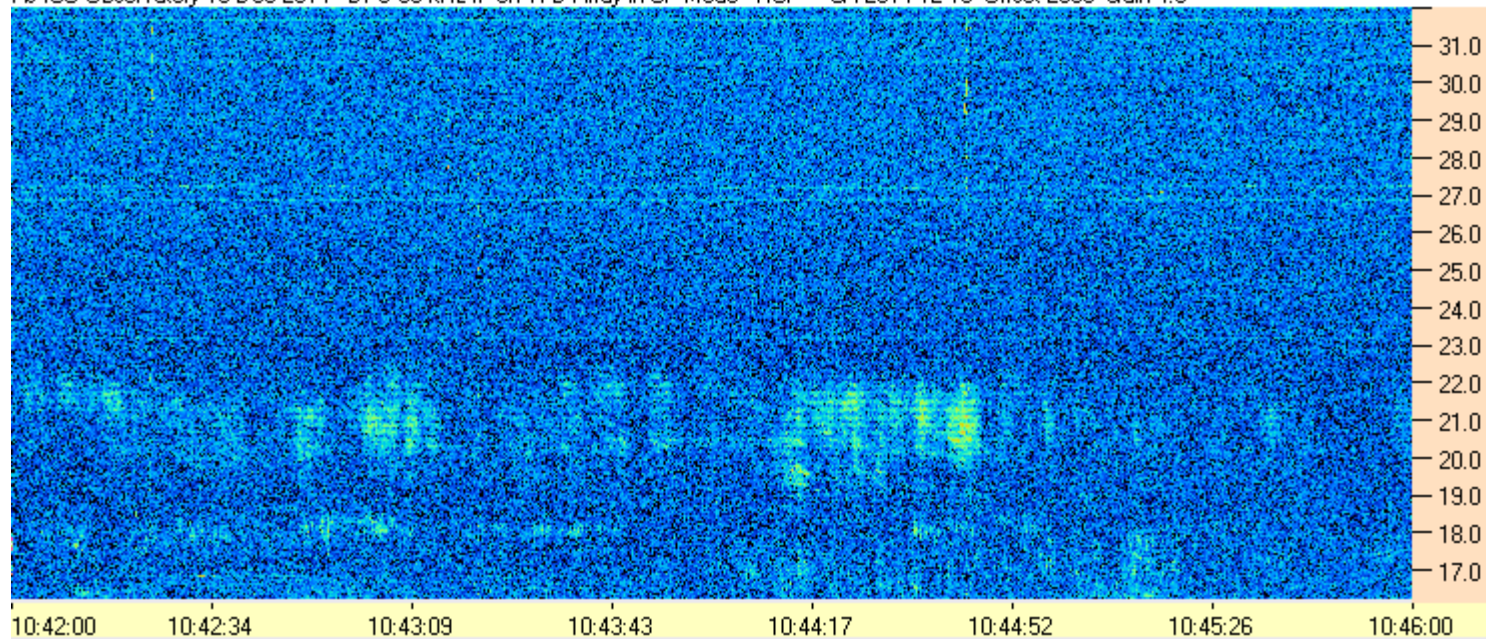


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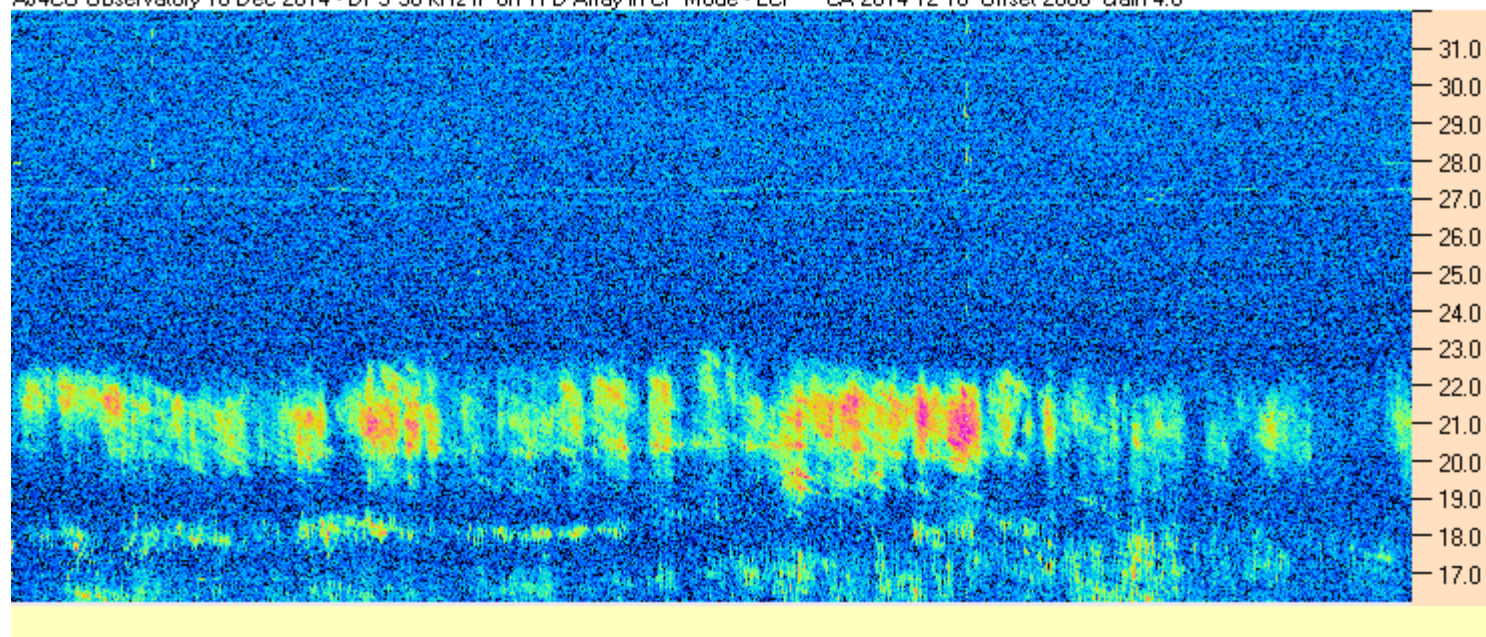


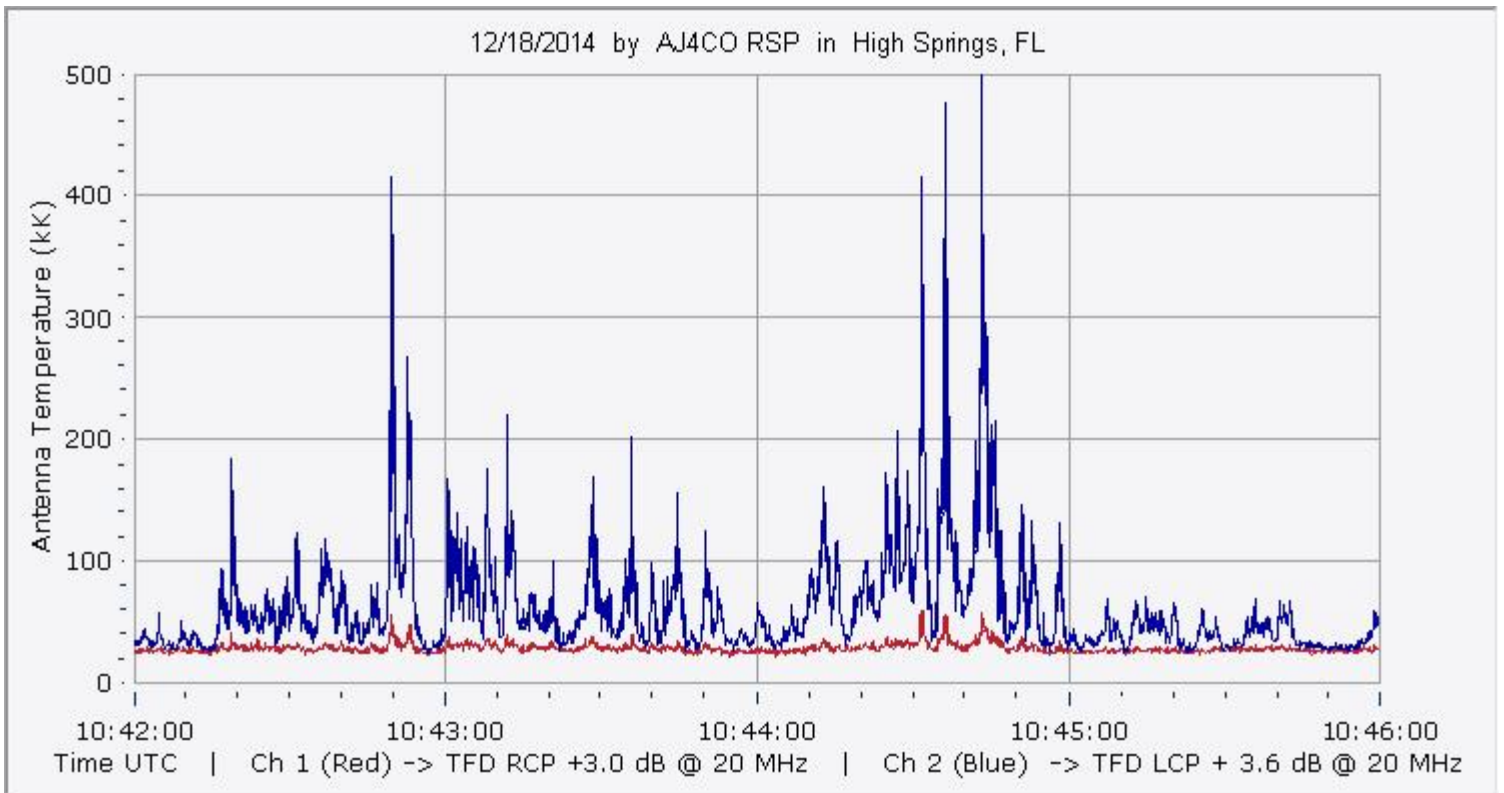


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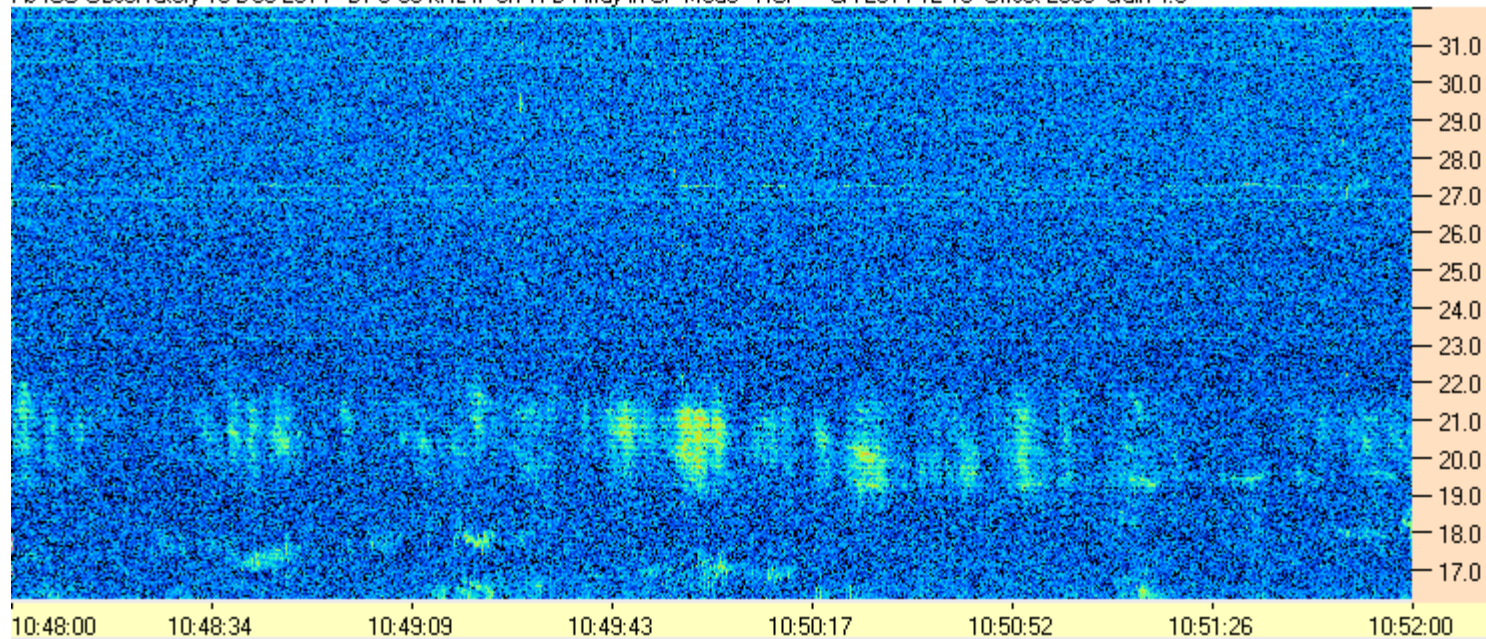


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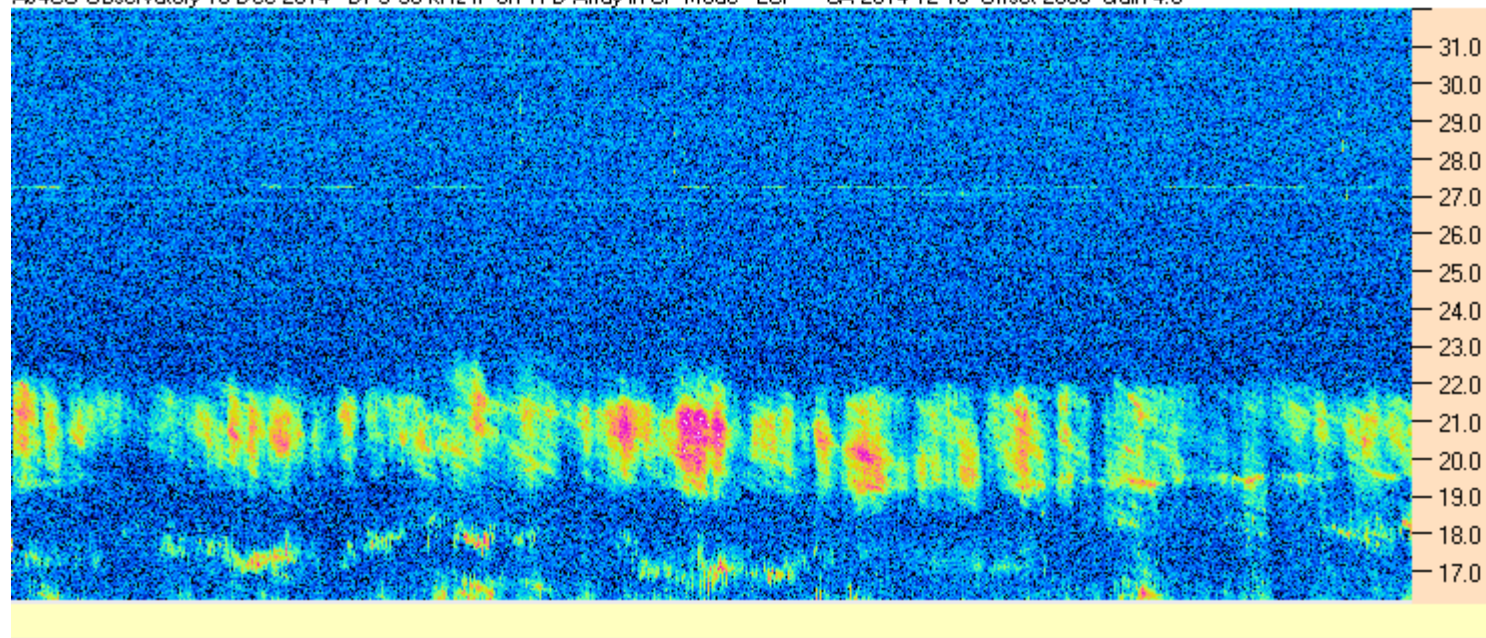


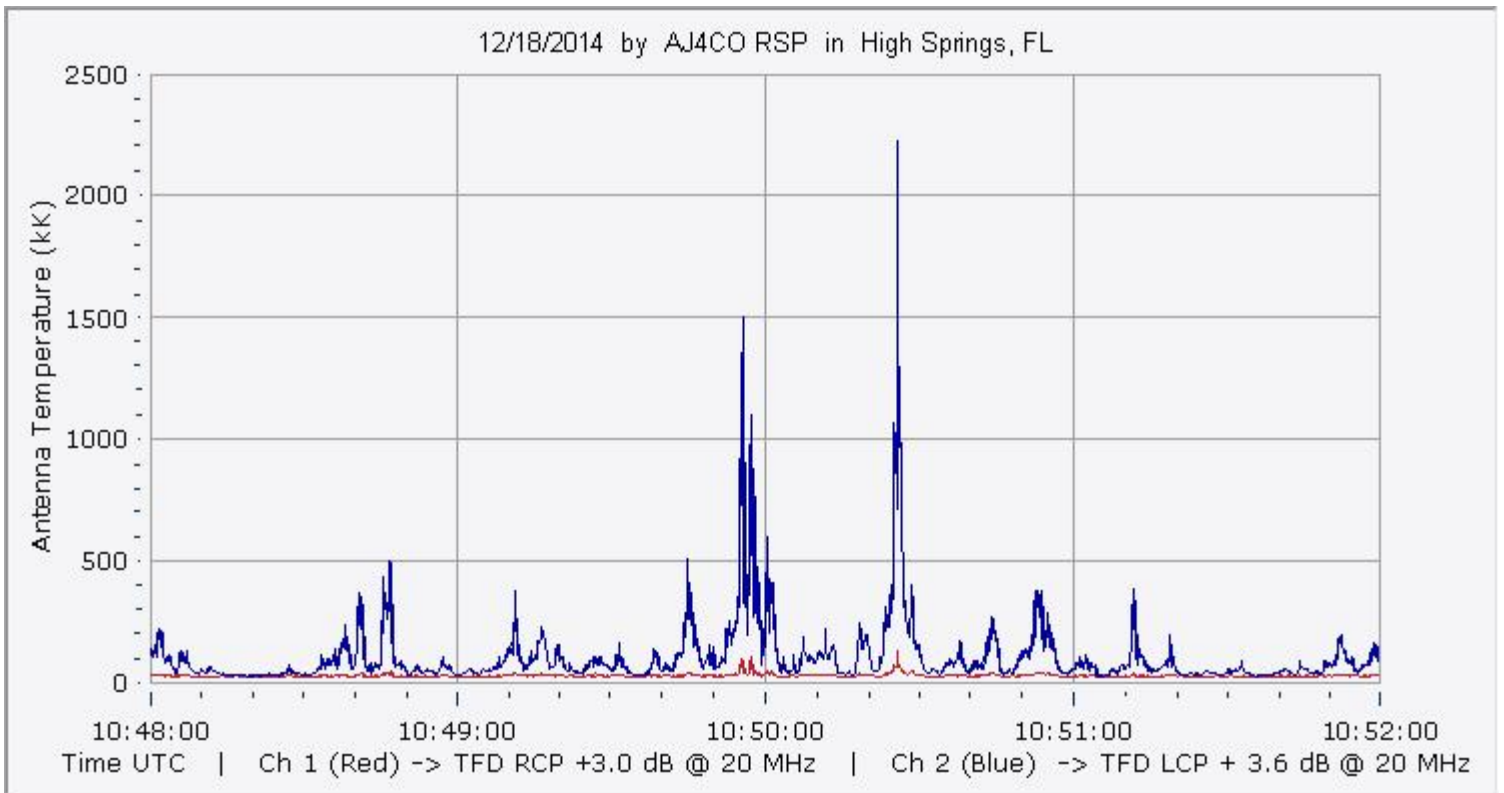


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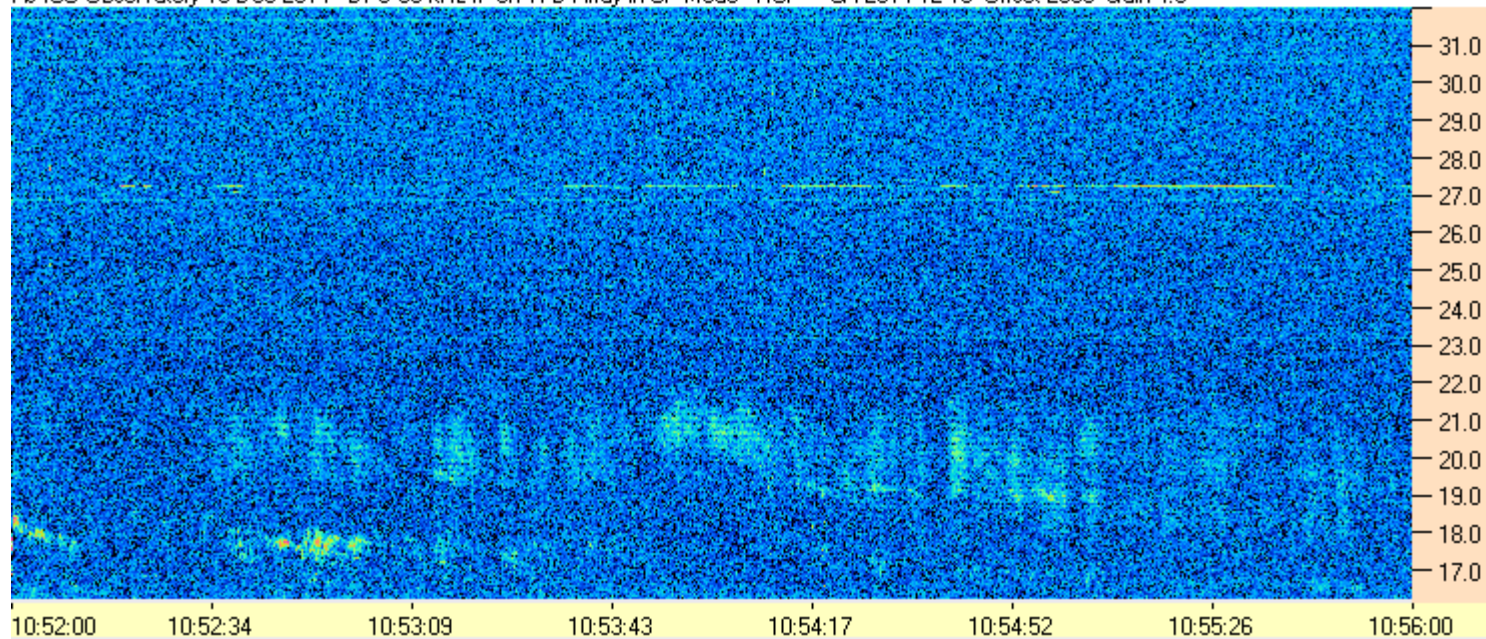


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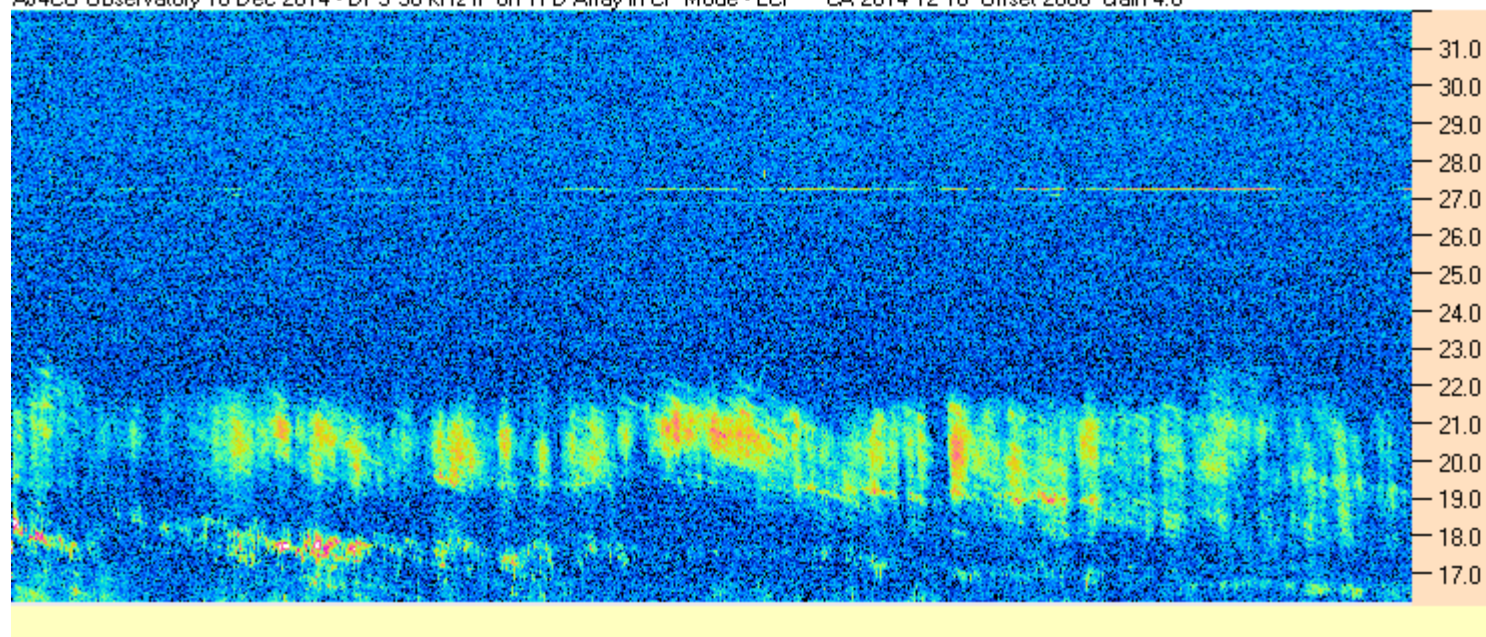


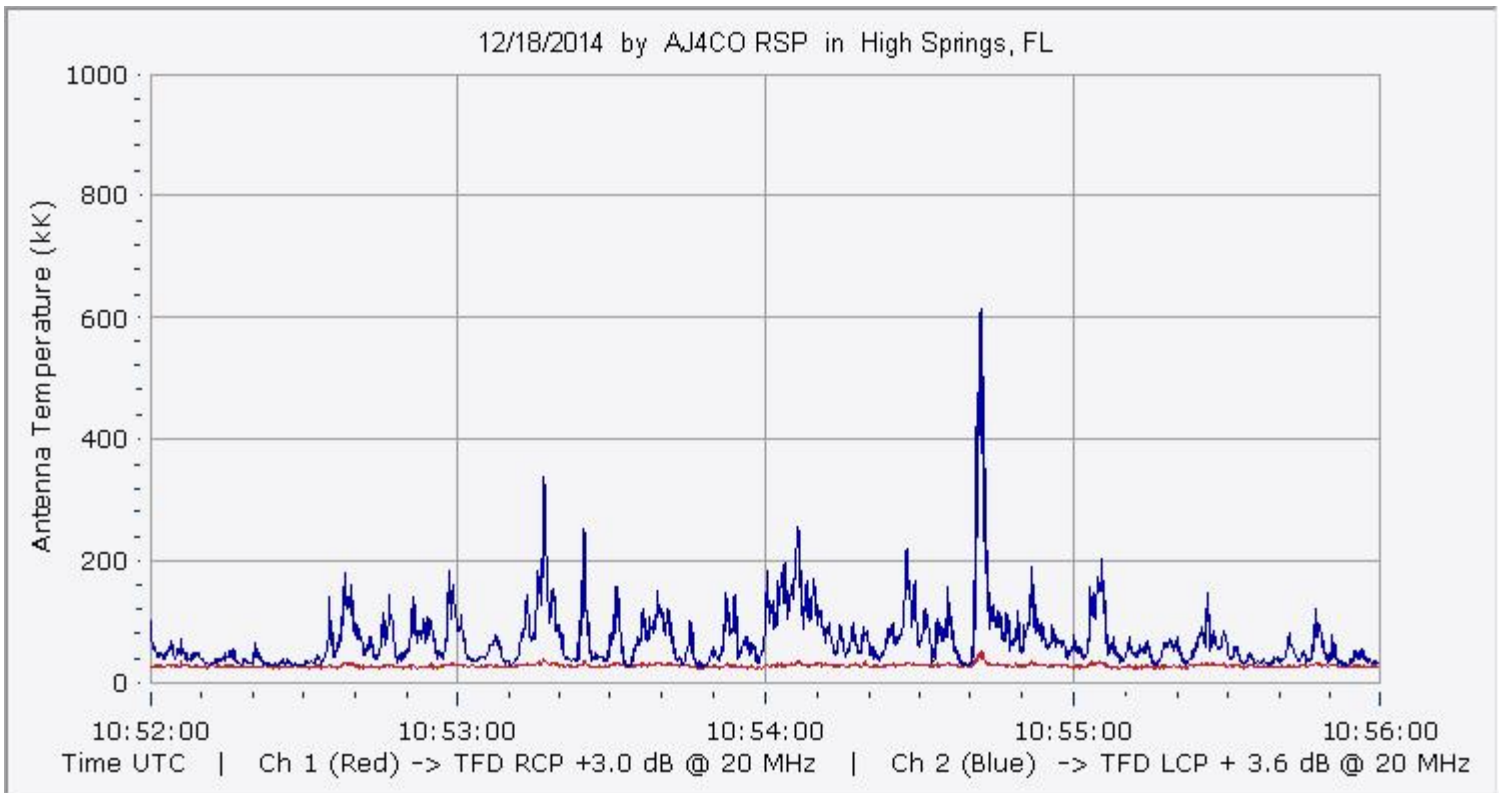


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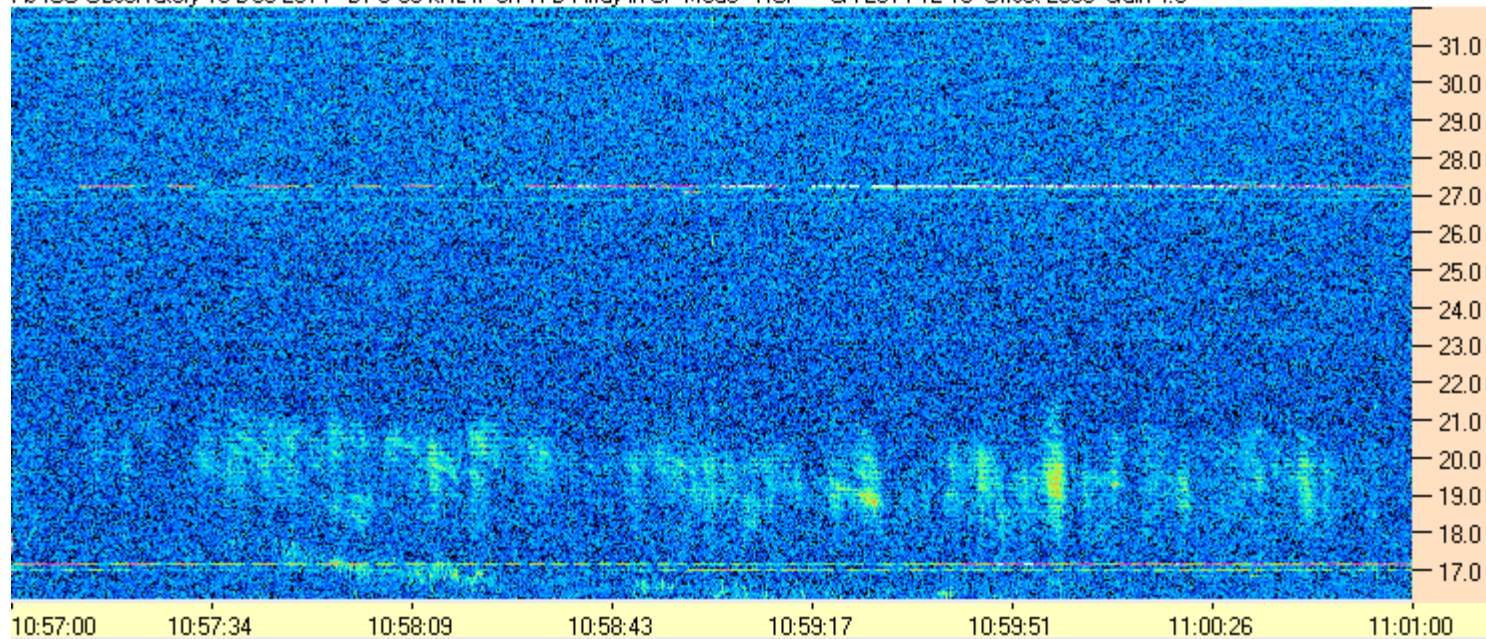


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