

Subject: [radiojove-data] 24 Jan 2014 Io-B

From: Dave Typinski <davetyp@typnet.net>

Date: 01/25/2014 04:11

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

Wow, what a storm!

Adding to Tom's & Whit's & Jim's & Wes's superb reports, here's more Io-B from Friday morning.

Almost all L bursting from 16 to 32 MHz. Several very brief periods of S bursting mixed in.

Definitely the strongest storm this season, peaking at almost 5 MK on the TFD array at 20.1 MHz.

At the tail end of Io-B, the storm segued into a long period of LCP non-Io-B emission (see subsequent report). There was a 15 minute period where the emission sources in both hemispheres were observable at the same time.

Outstanding modulation lanes, crosshatched and curved.

It's been fairly cold (25-30 °F) at night, which caused some moderate line noise -- although perhaps less than the previous night's Io-A/C.

Jupiter was kept within 10° off axis.

Beam steering:

0000 5S 0EW

0450 5S 15W

0602 5S 30W

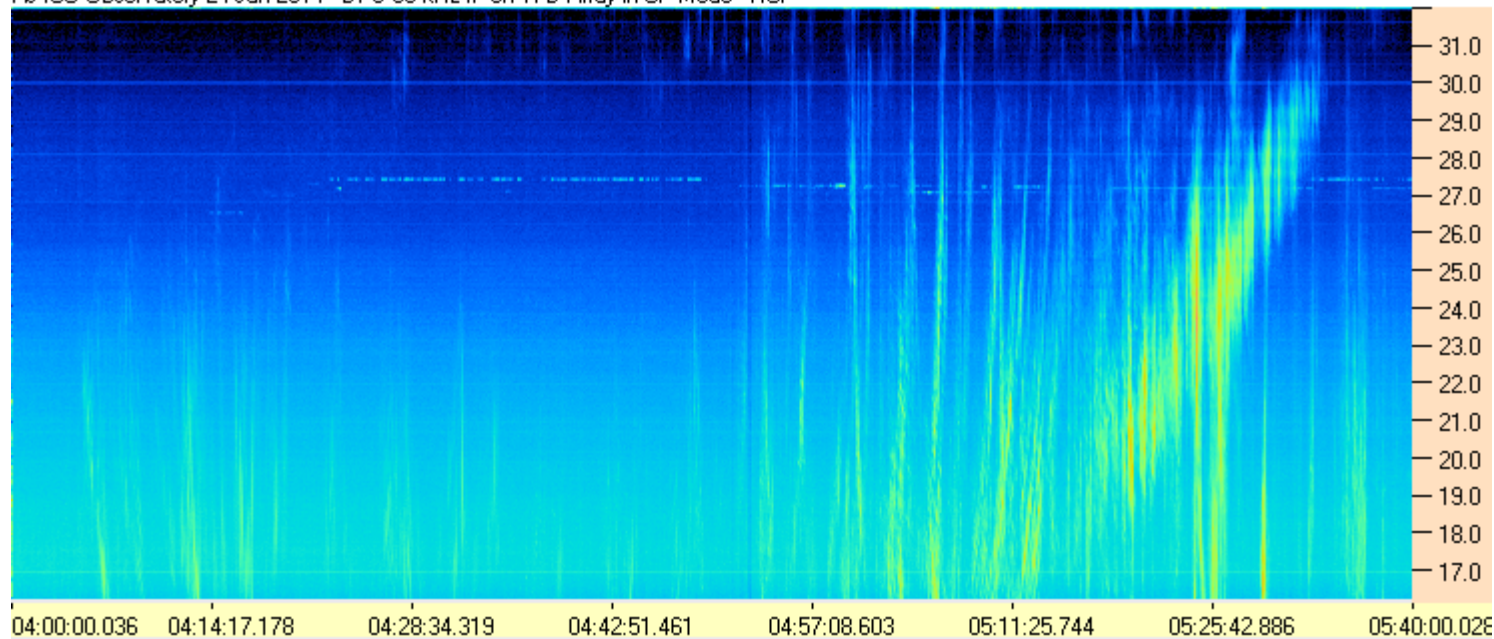
Jupiter was trailing the Sun by 159°.

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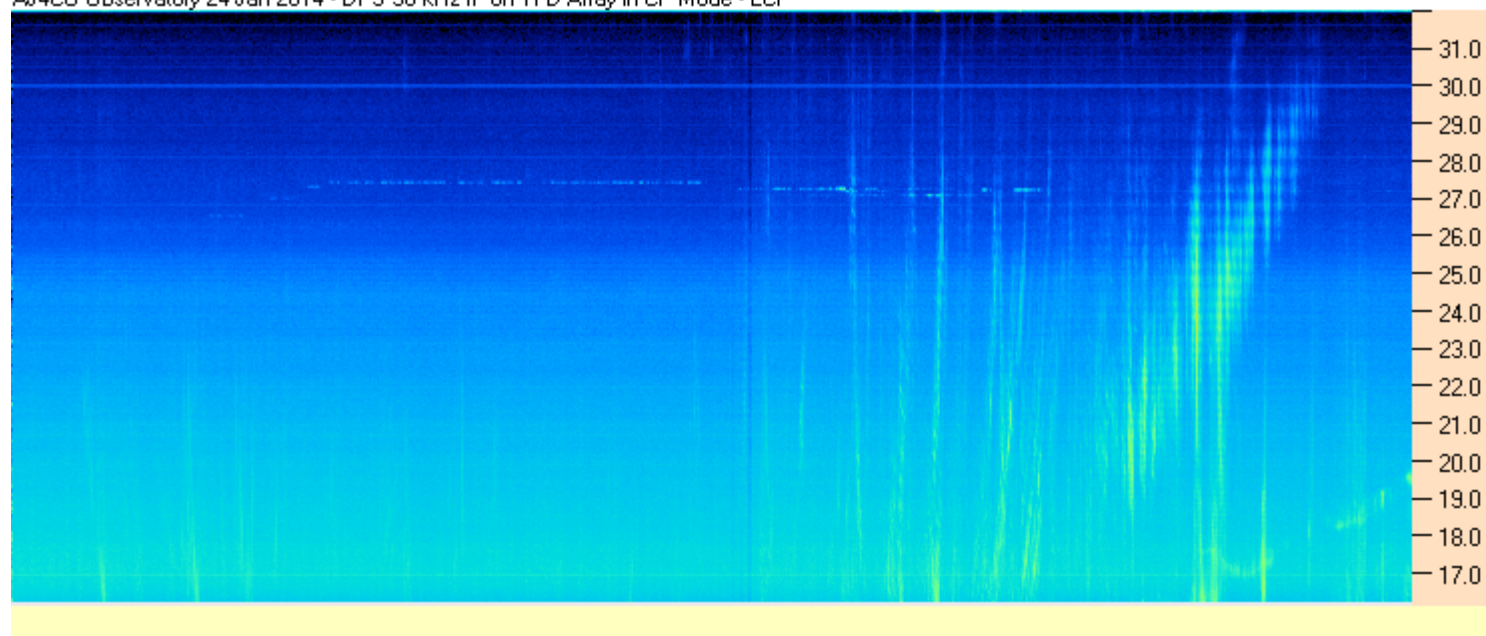
Dave

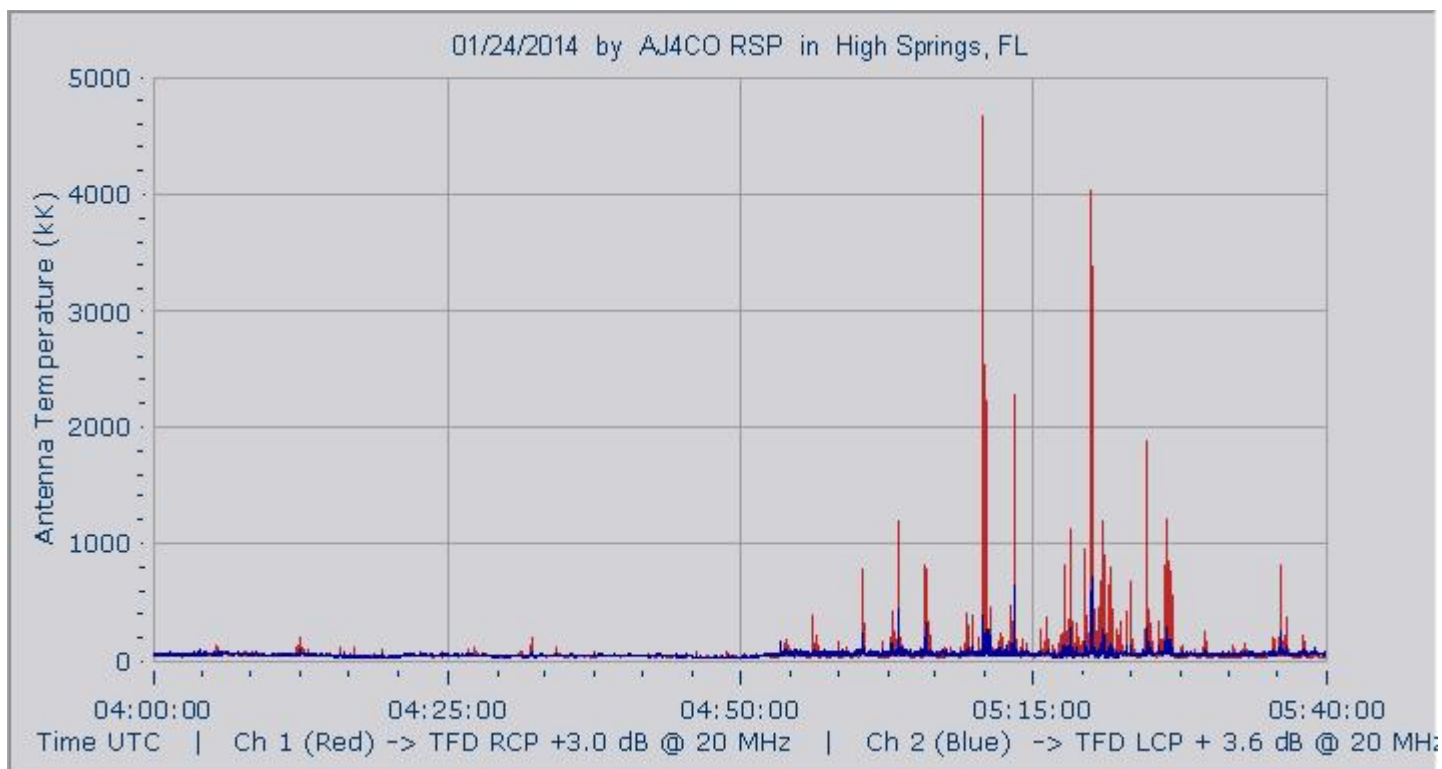
AJ4CO Observatory, 24 Jan 2014

AJ4CO Observatory 24 Jan 2014 - DPS 30 kHz IF on TFD Array in CP Mode - RCP

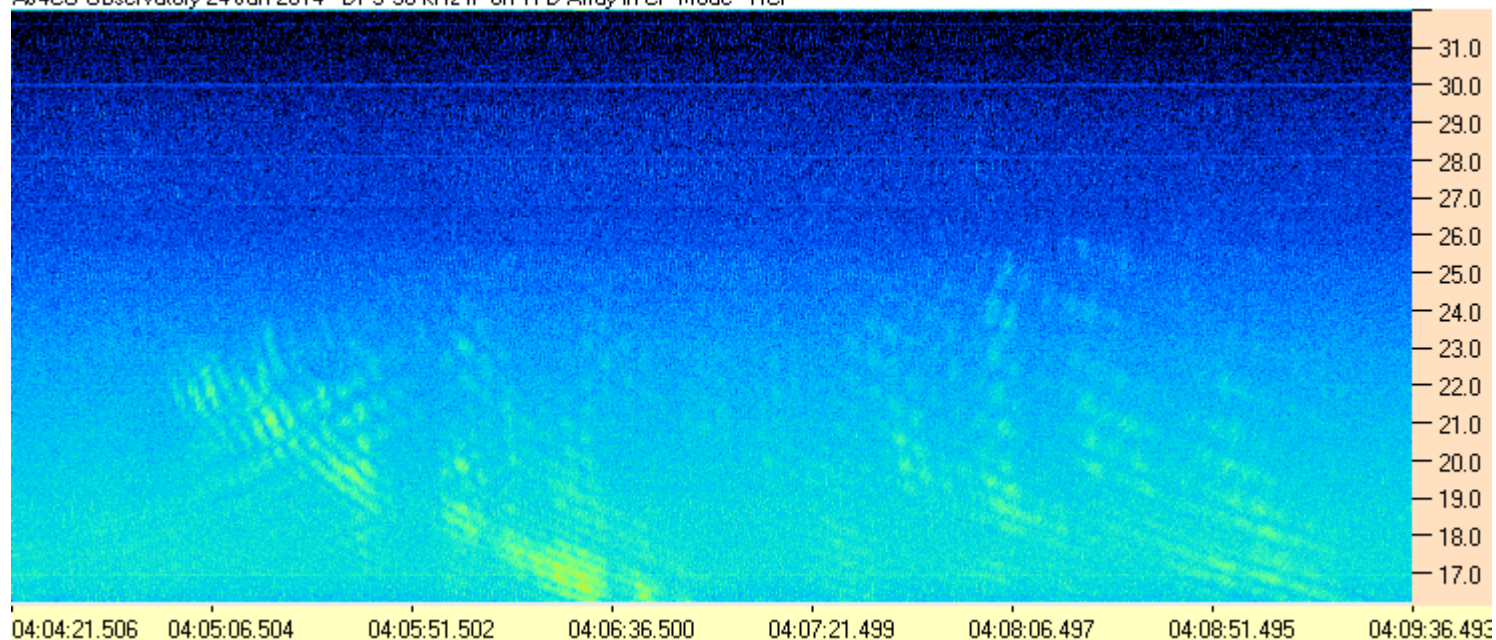


AJ4CO Observatory 24 Jan 2014 - DPS 30 kHz IF on TFD Array in CP Mode - LCP

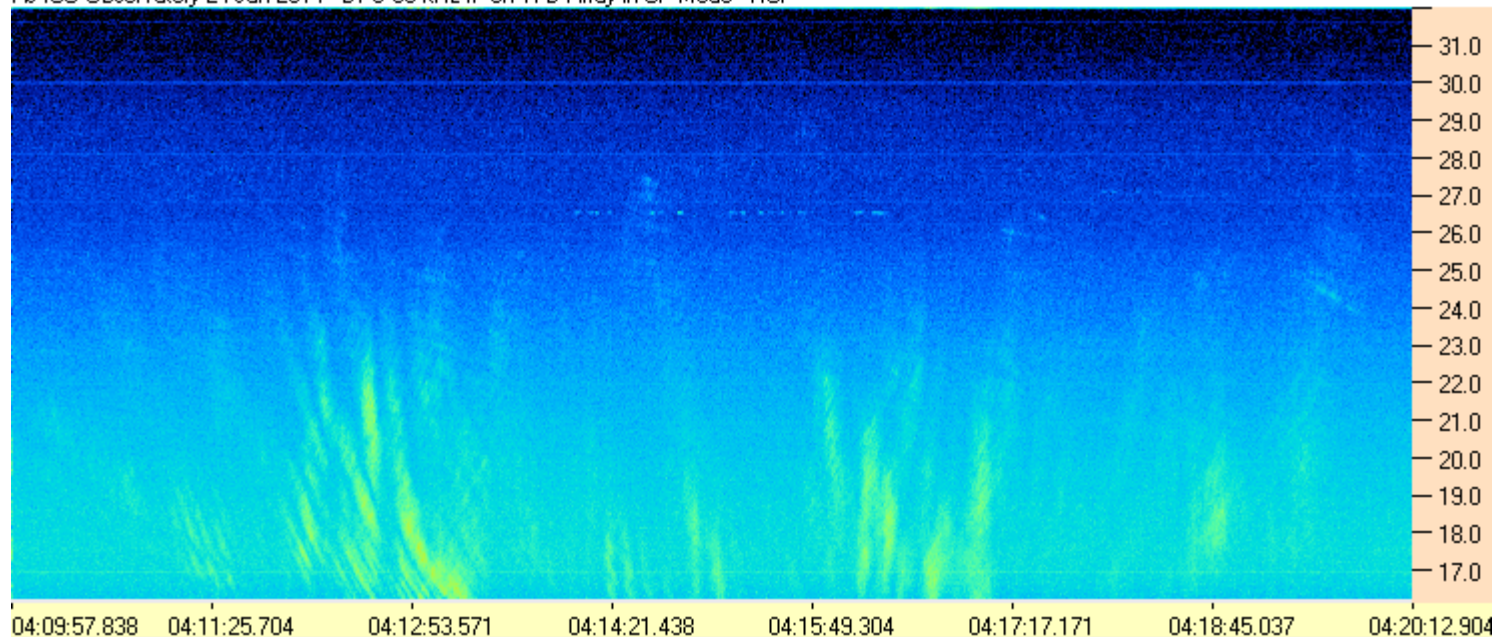




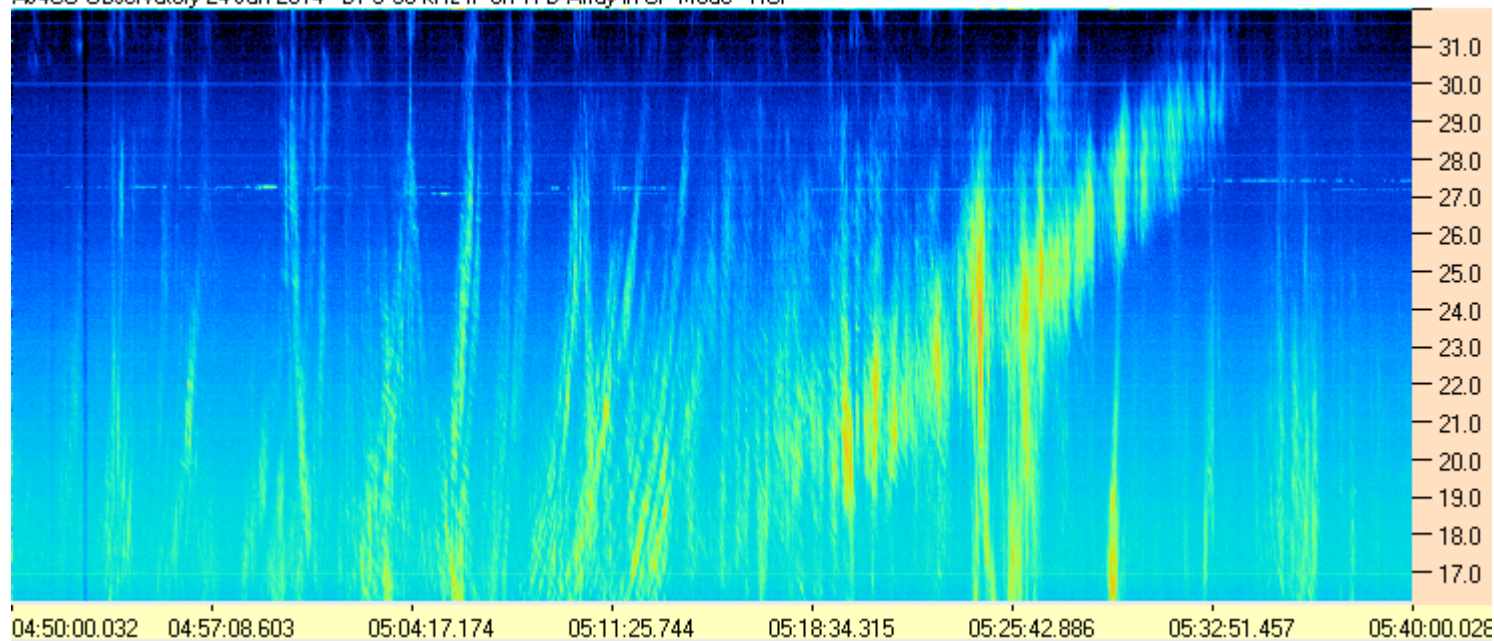
AJ4CO Observatory 24 Jan 2014 - DPS 30 kHz IF on TFD Array in CP Mode - RCP

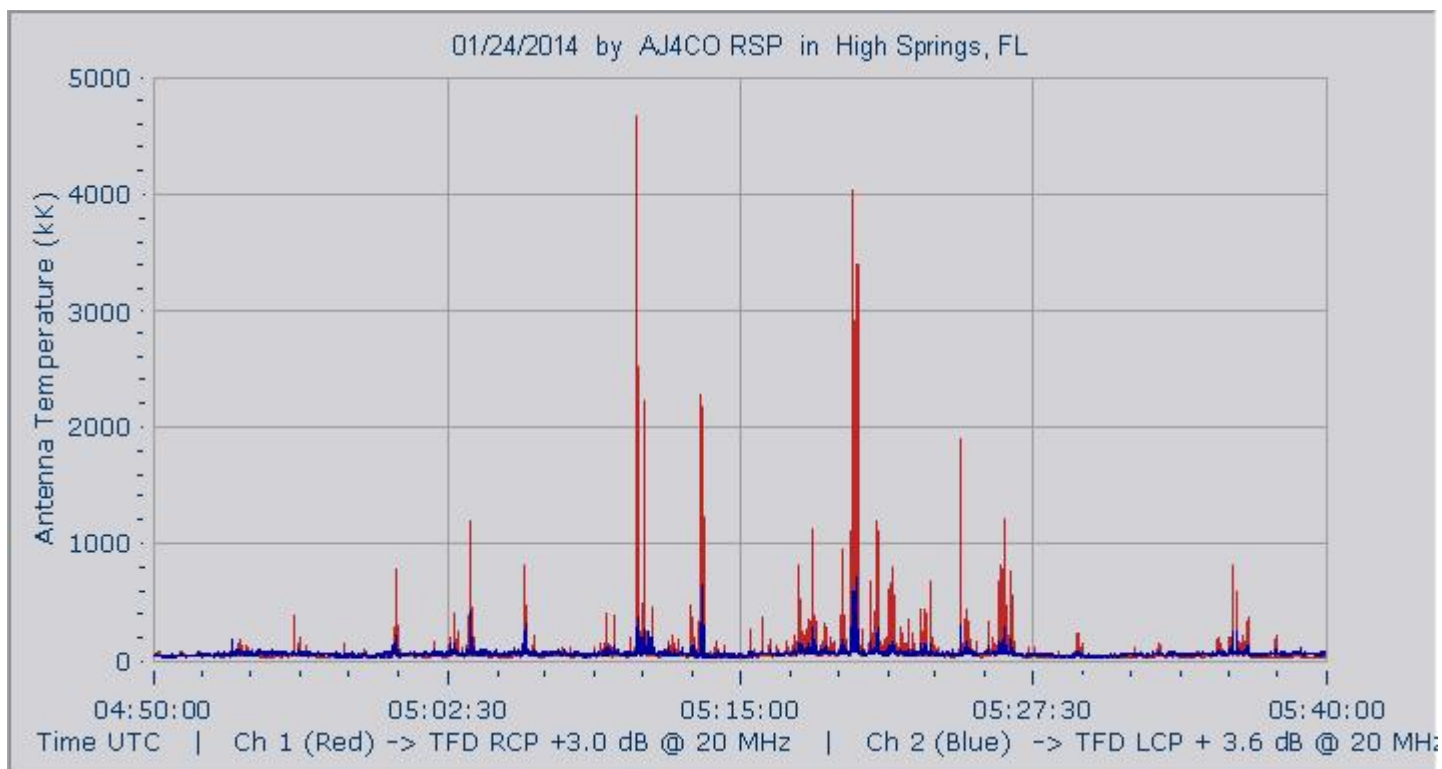


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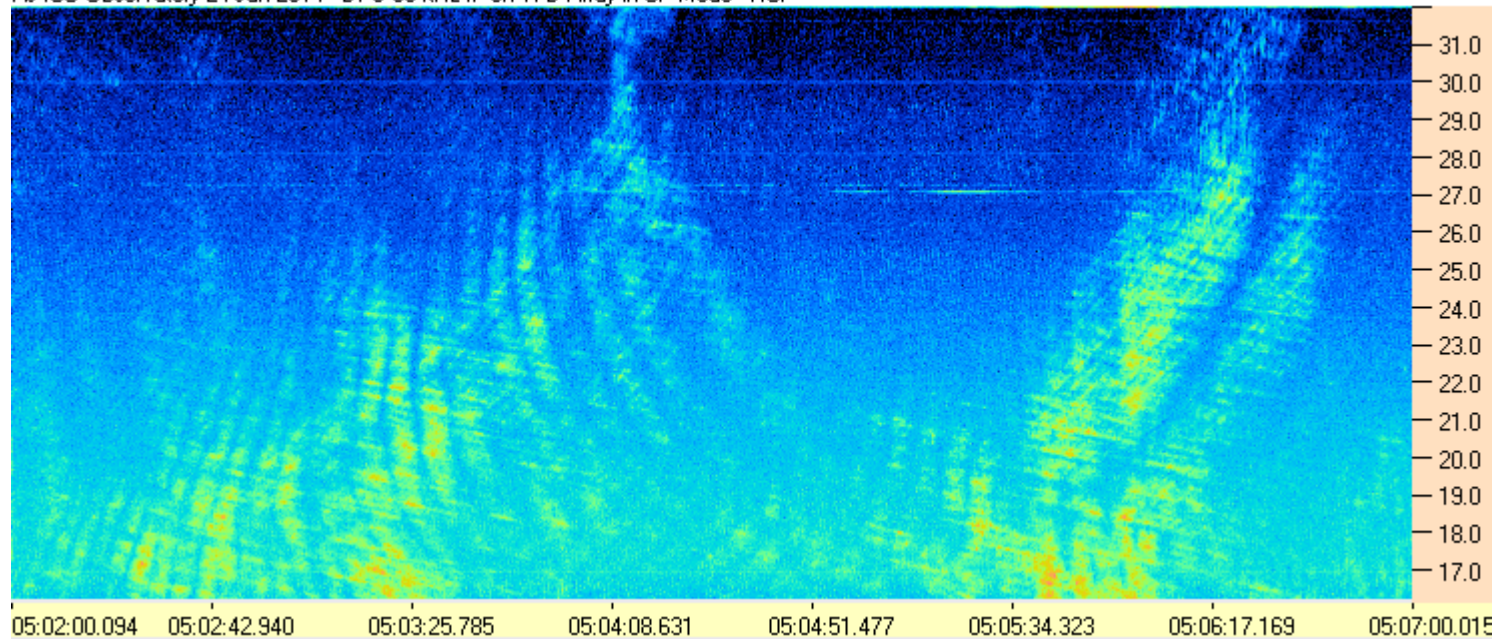


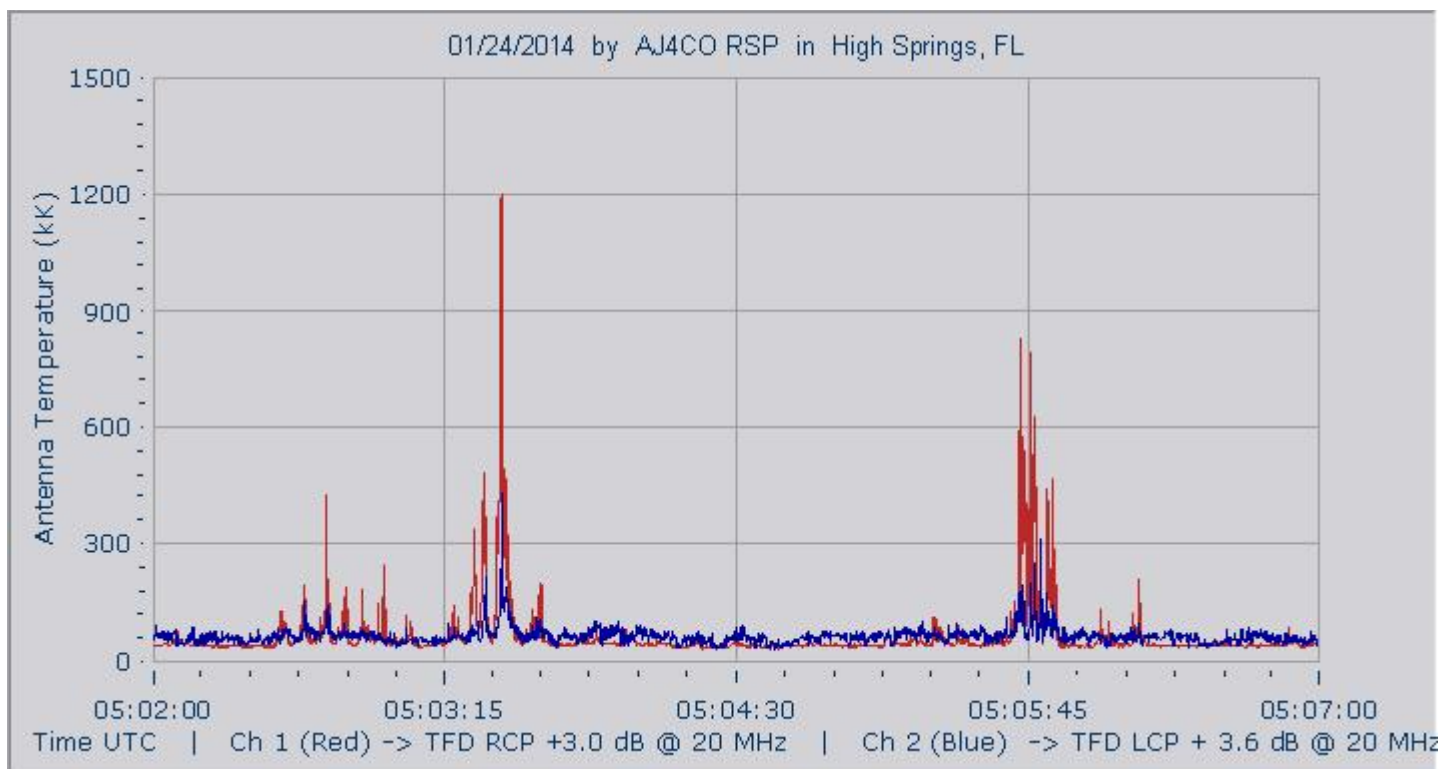
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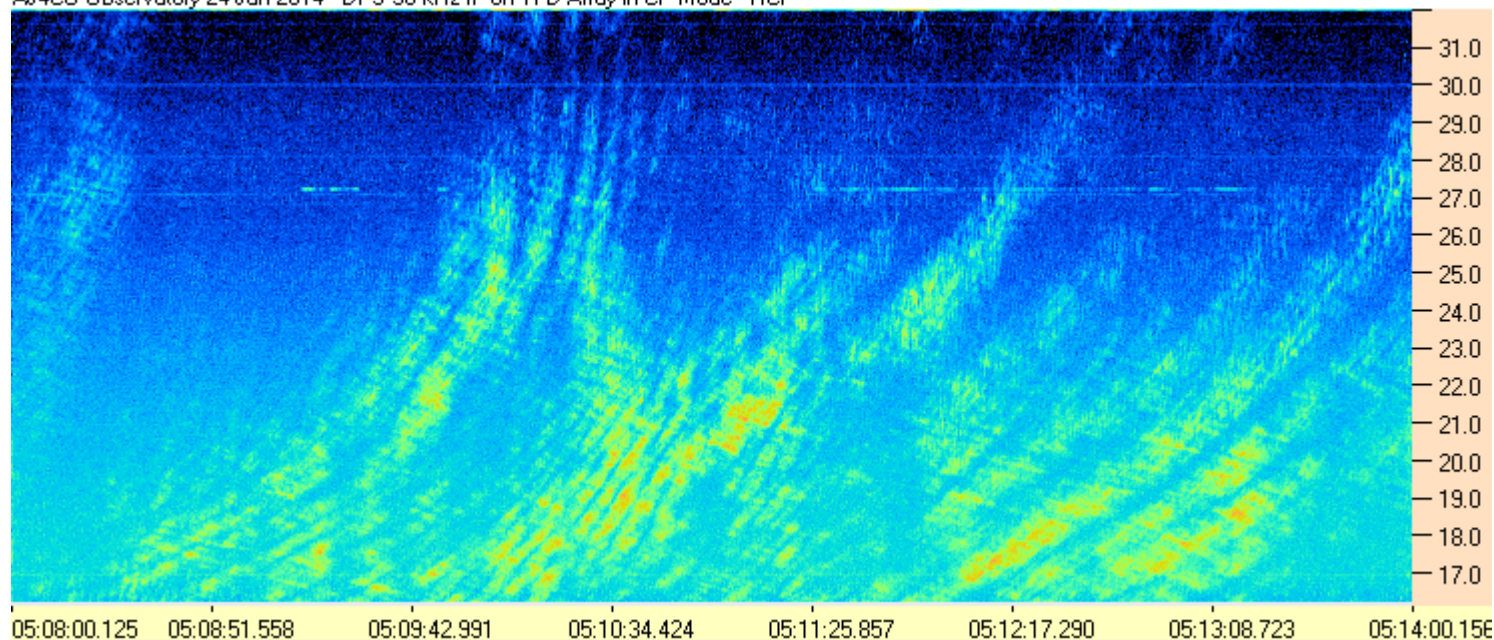


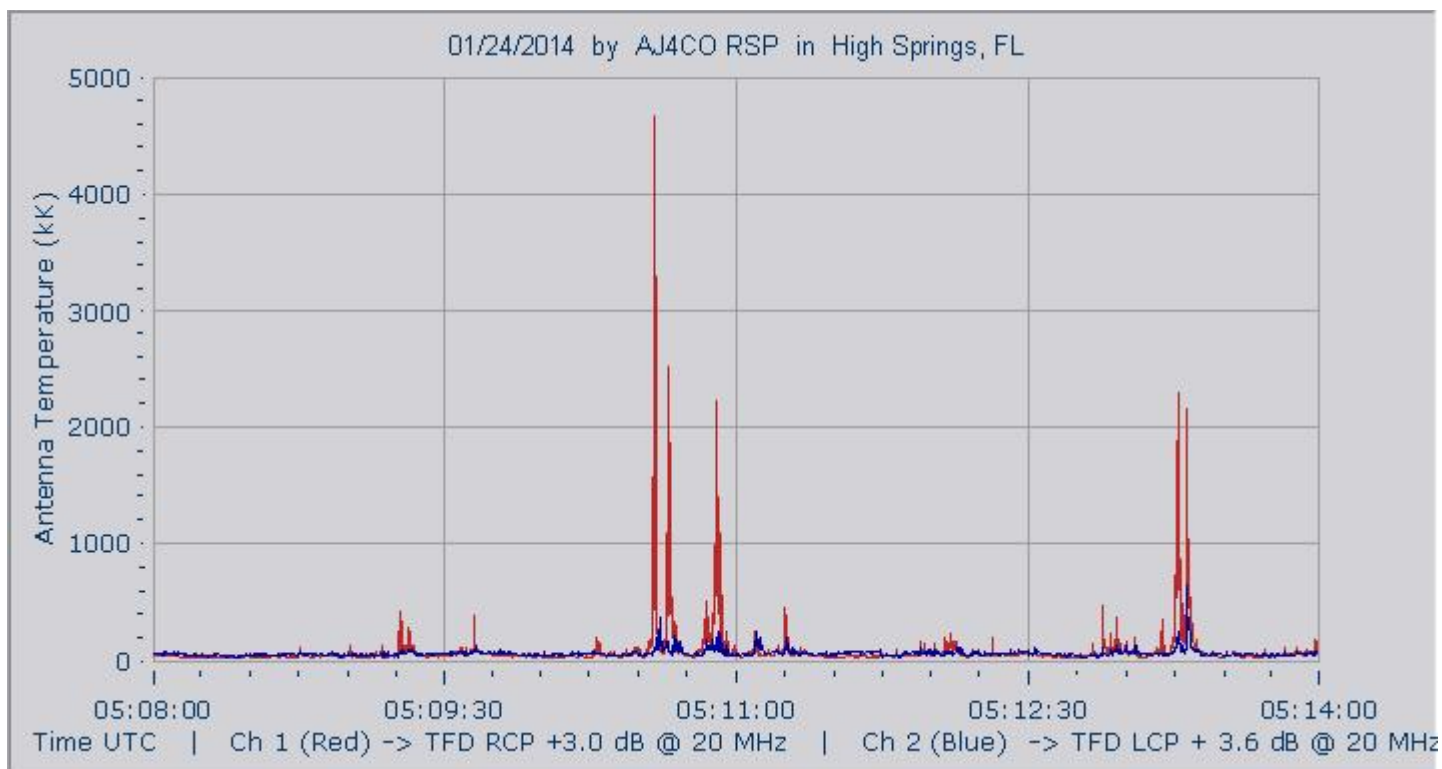
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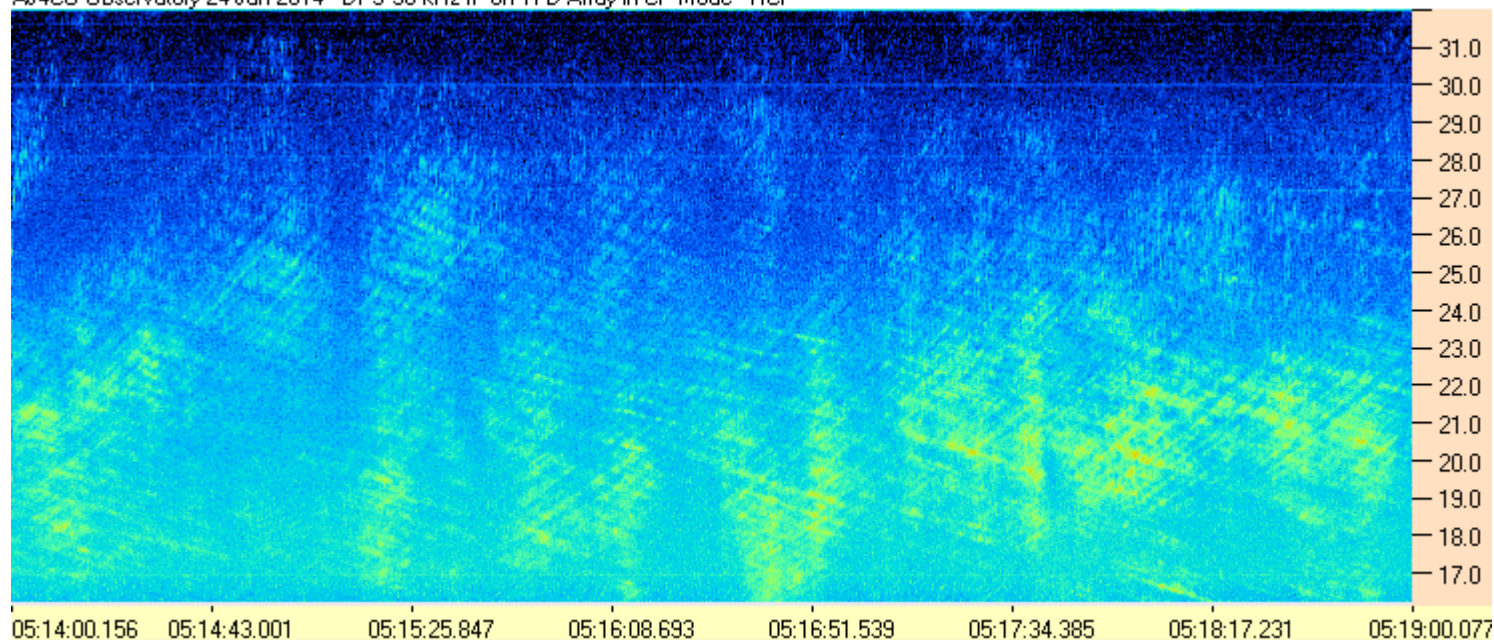


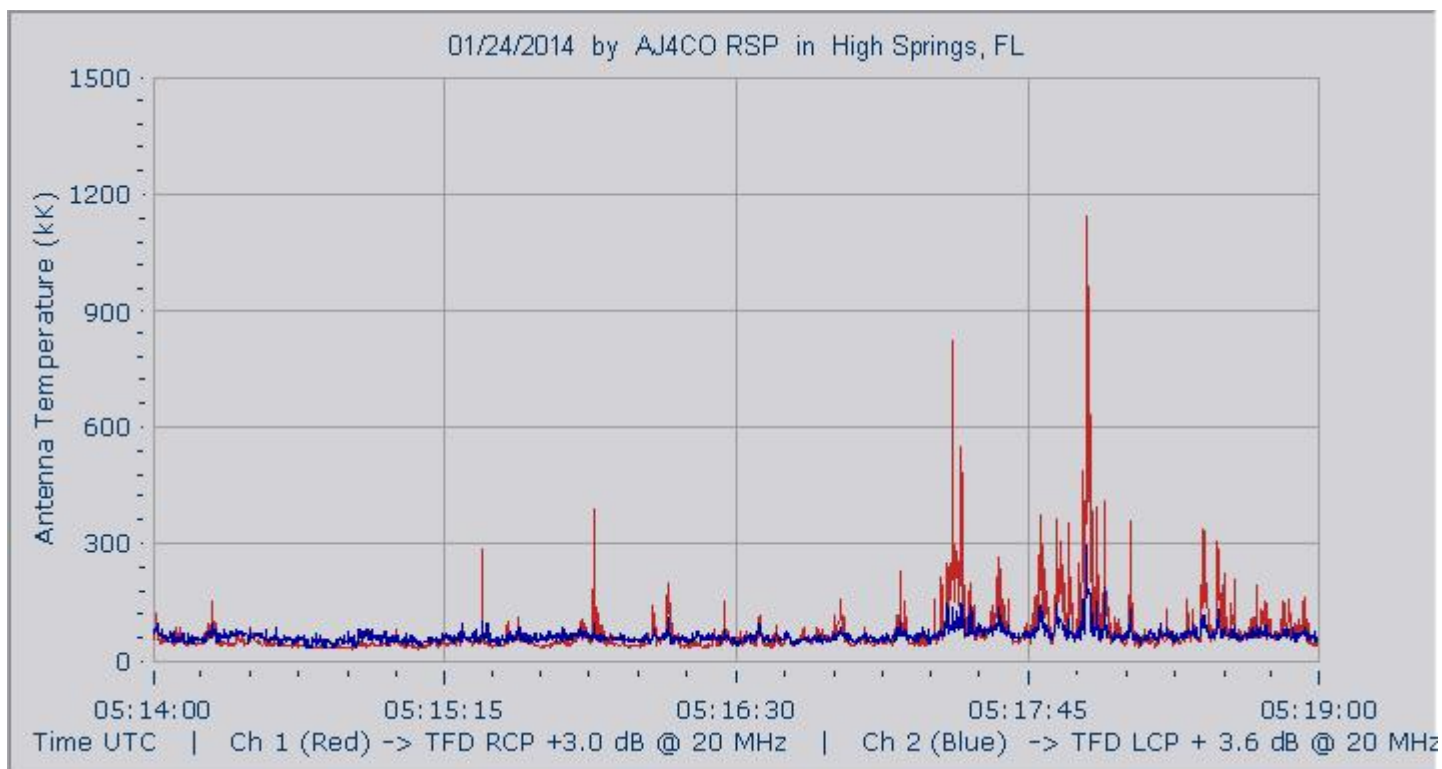
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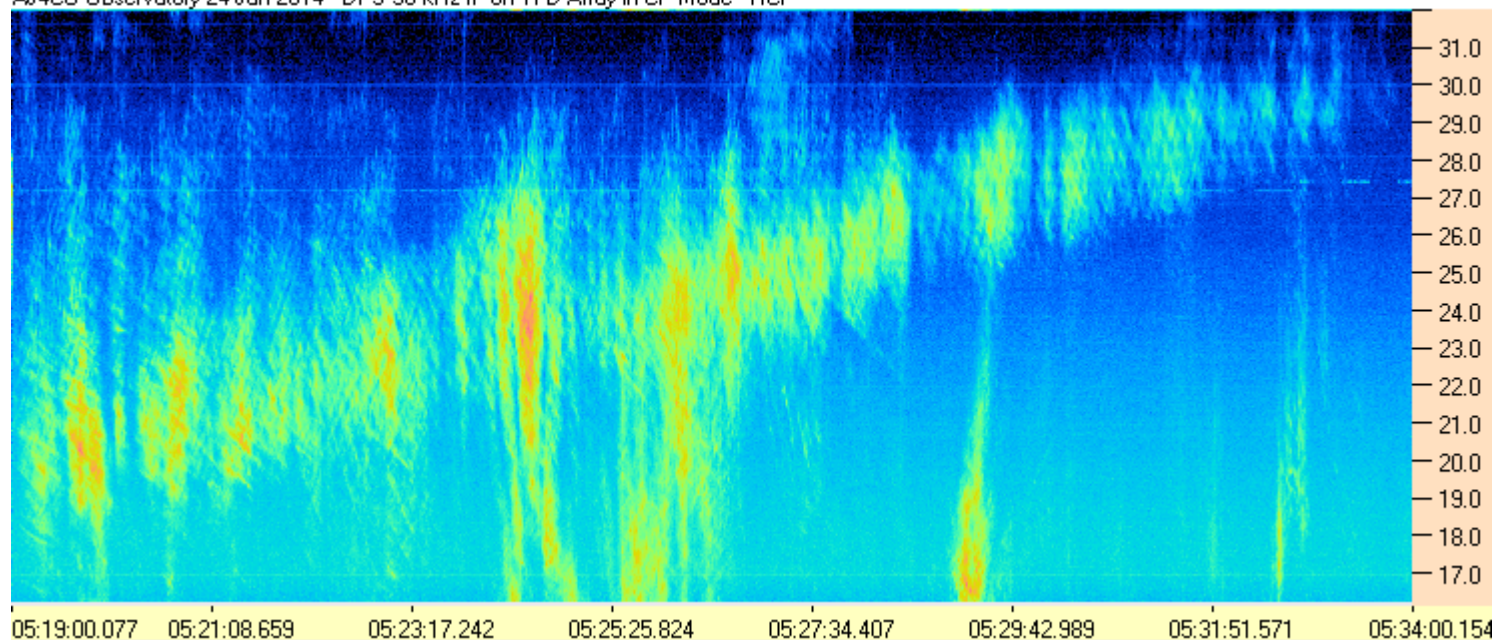


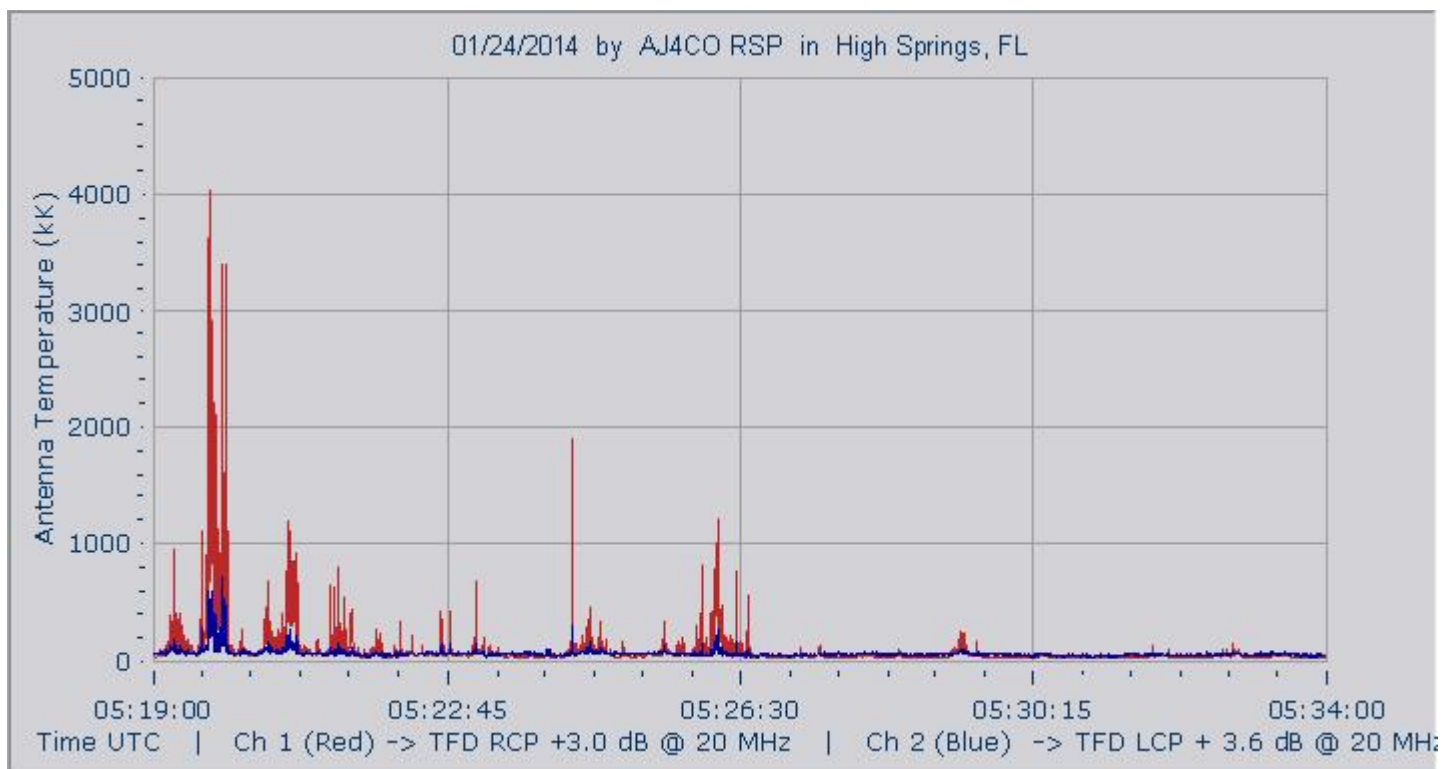
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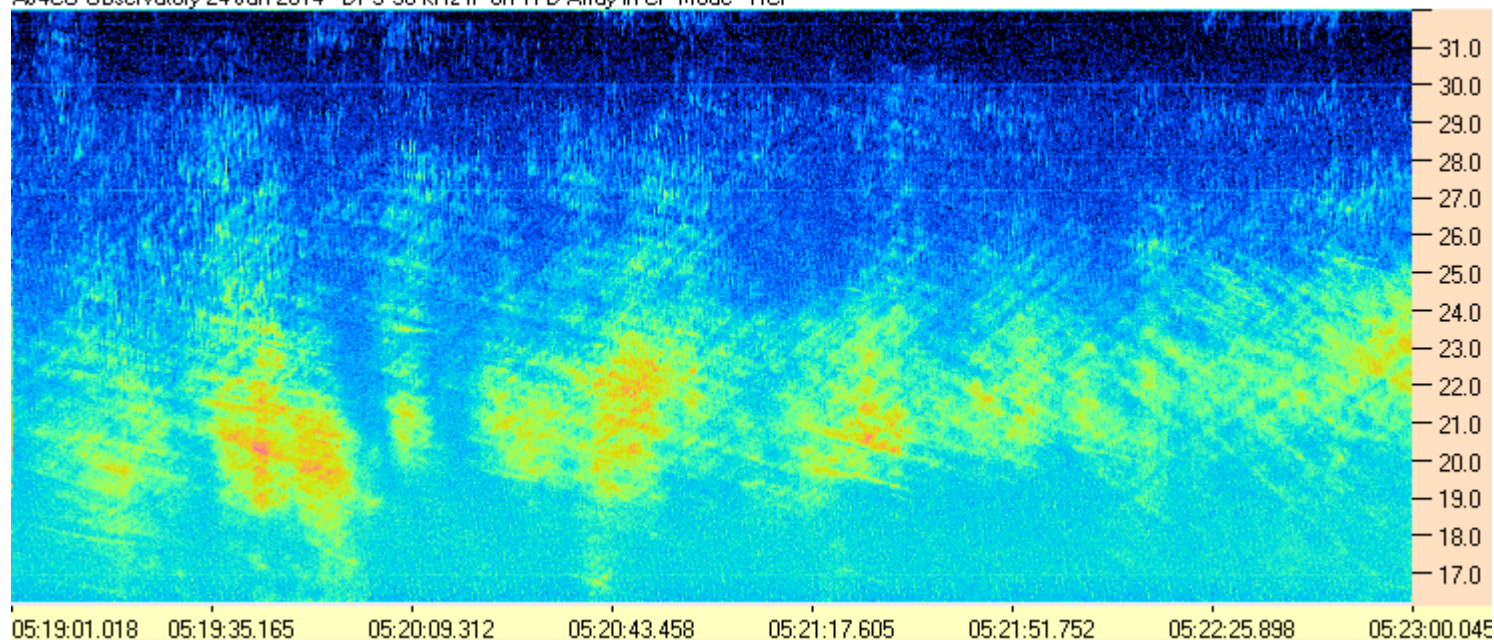


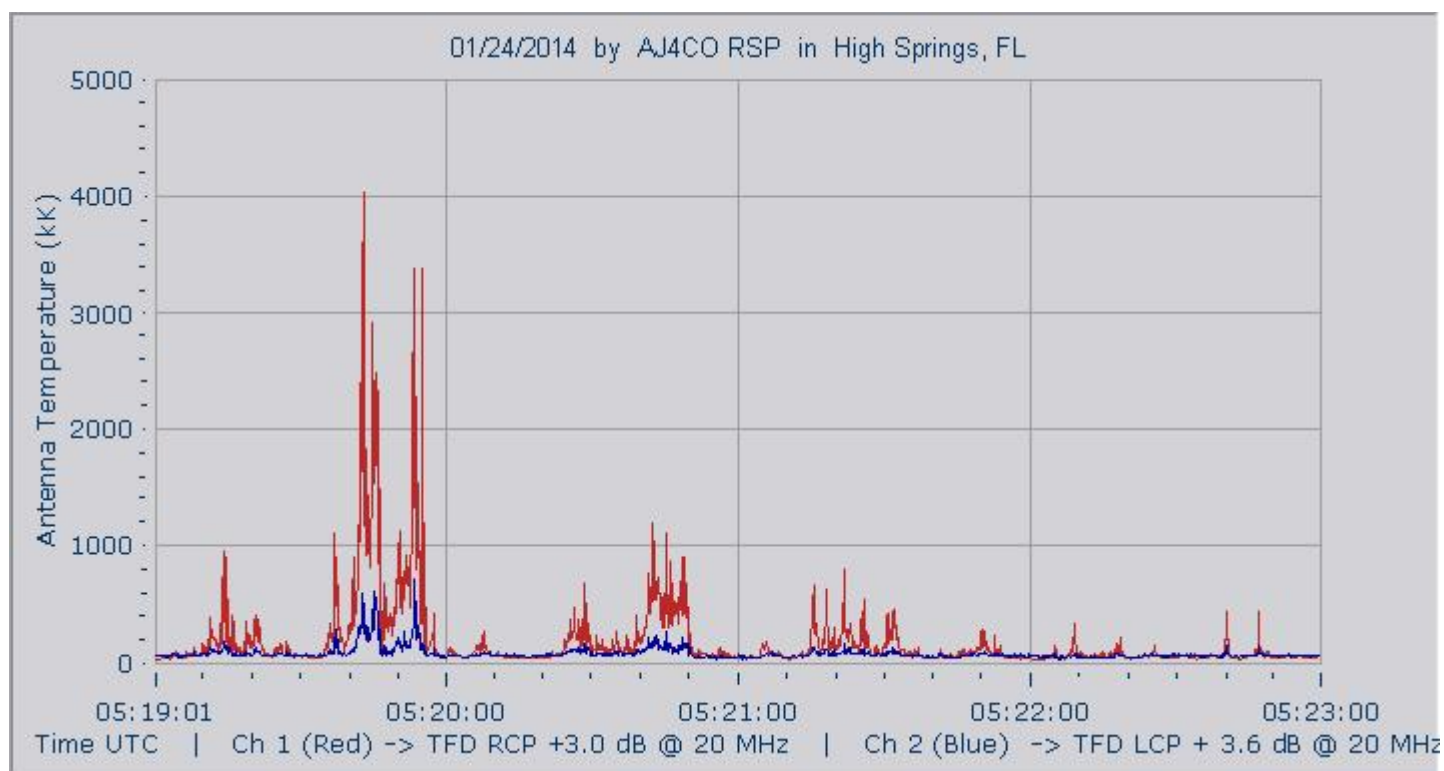
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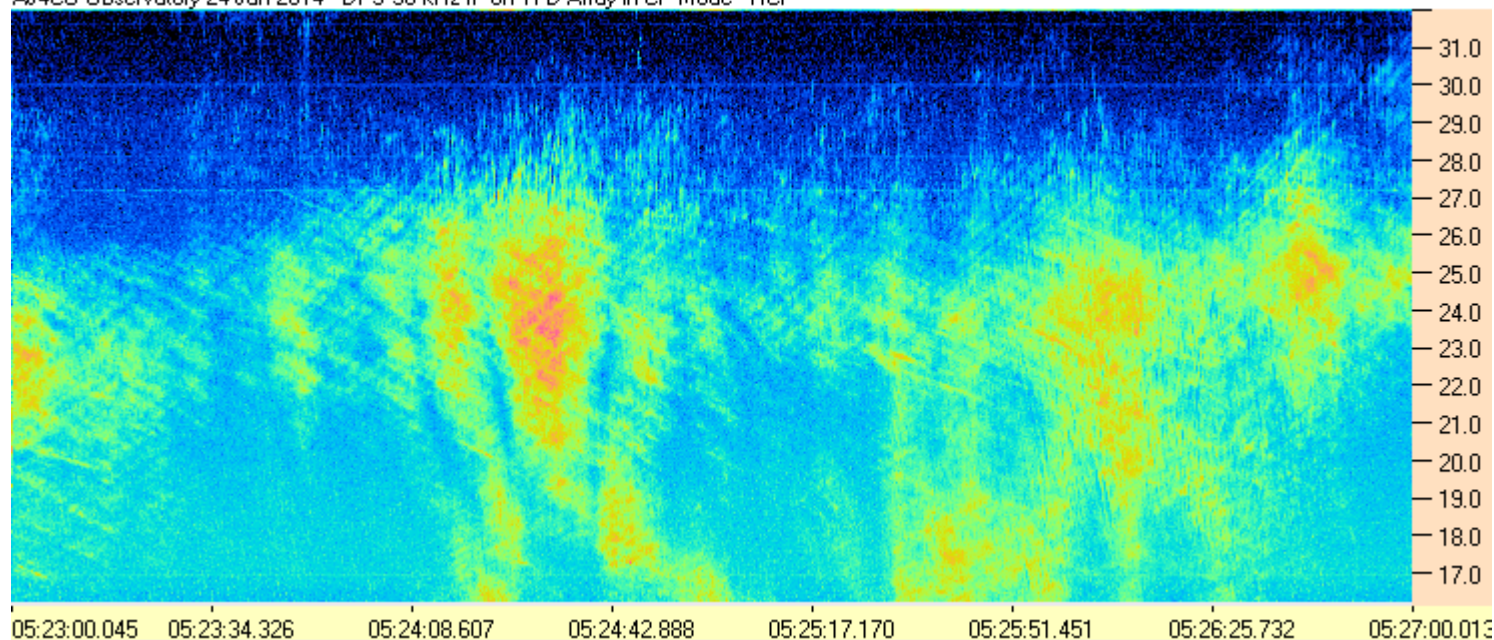


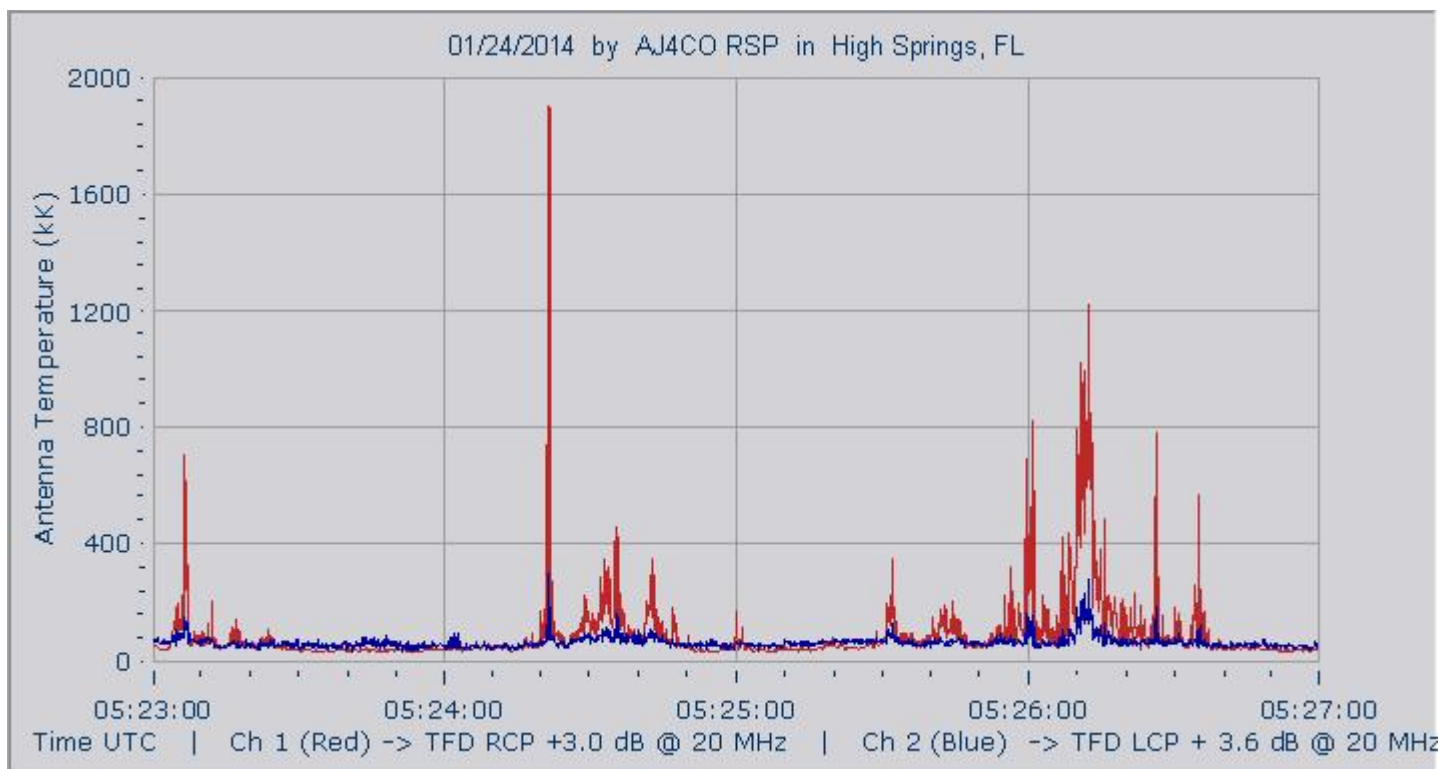
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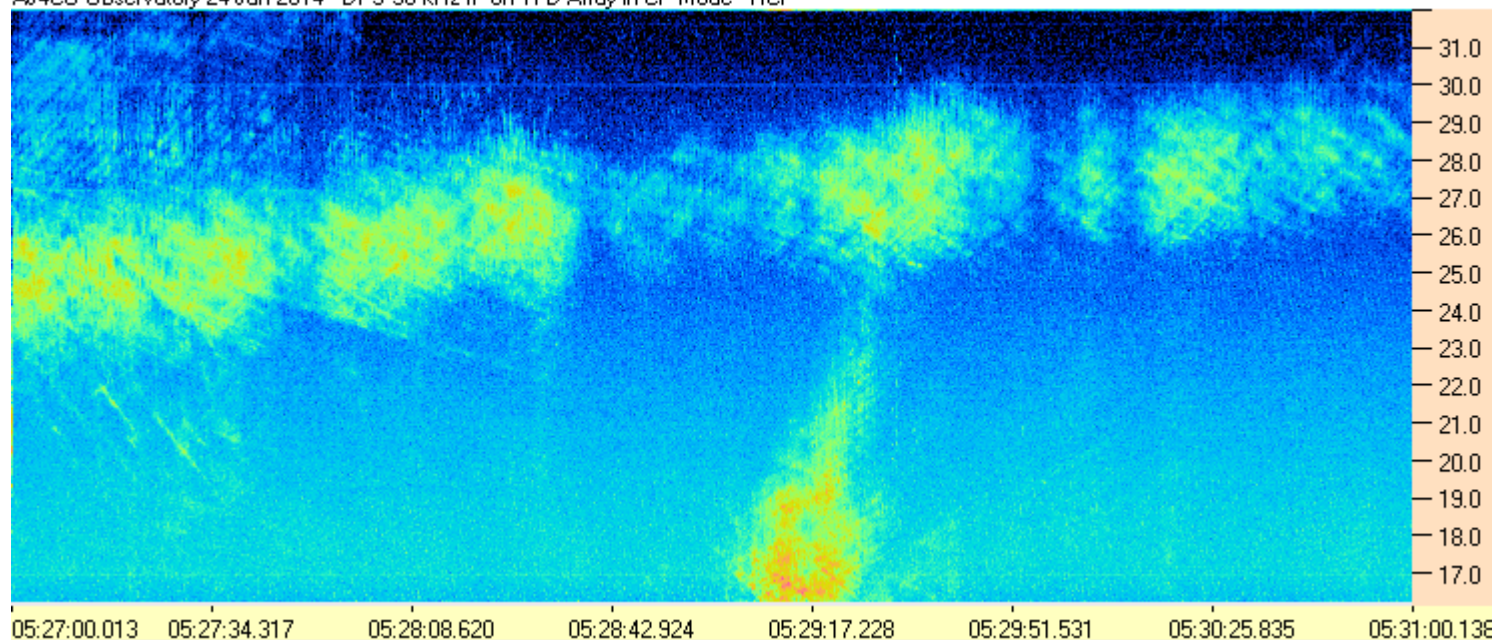


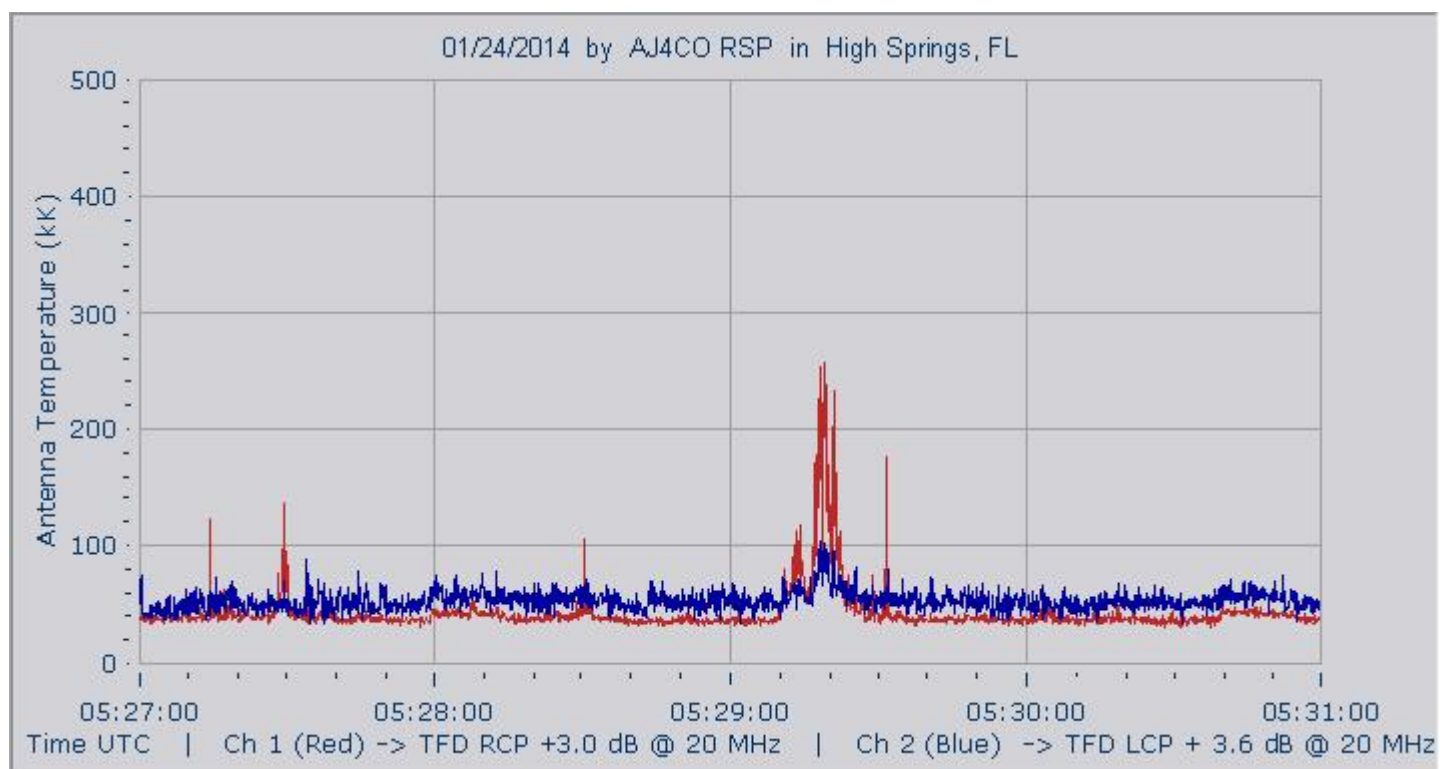
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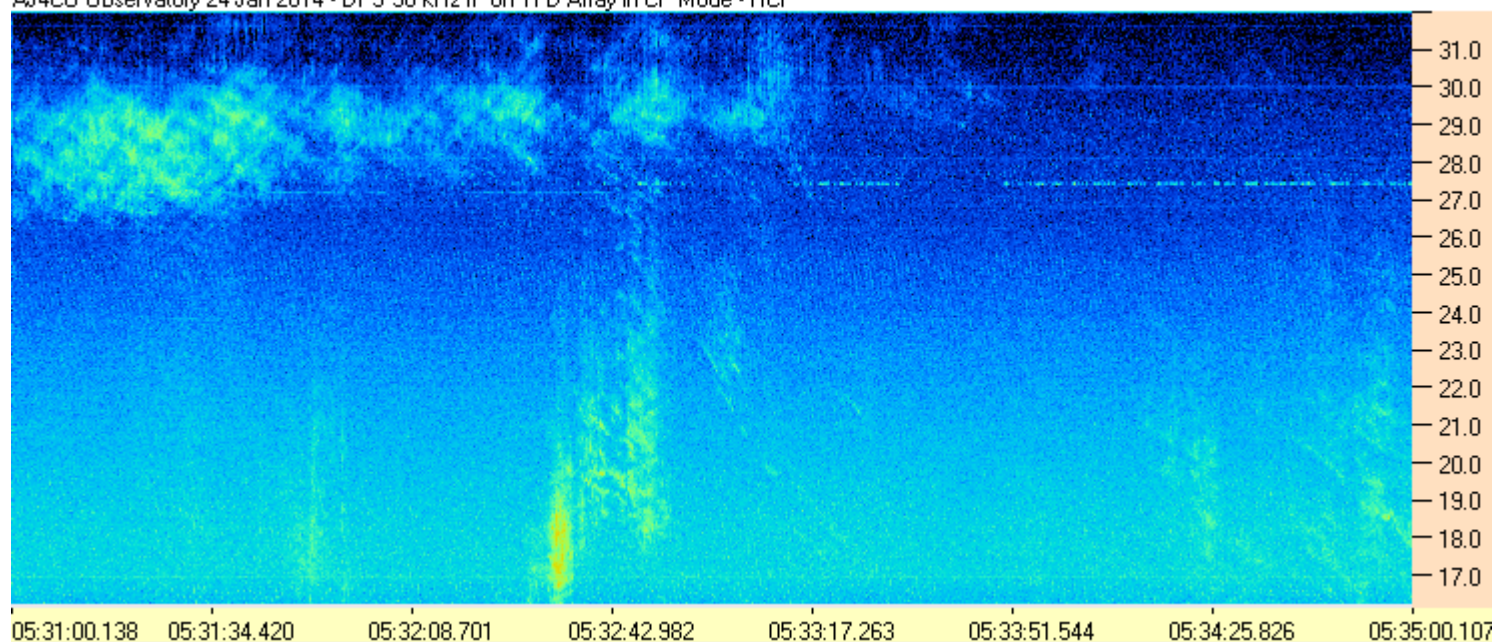


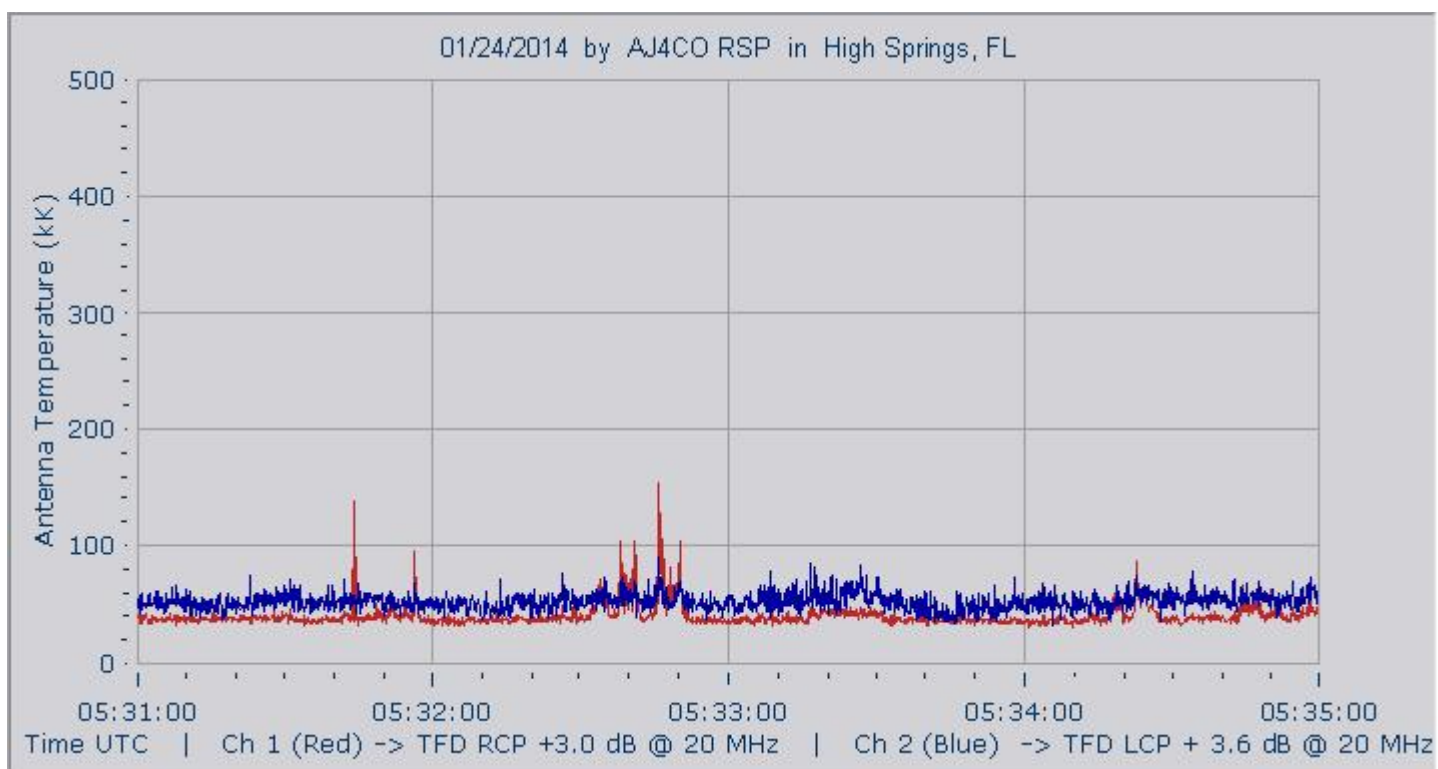
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