

**Subject:** [radiojove-data] 14 Aug 2014 Io-A/C + Solar RFI  
**From:** Dave Typinski <davetyp@typnet.net>  
**Date:** 08/14/2014 23:46  
**To:** RadioJove-Data <radiojove-data@lists.nasa.gov>

Adding to Tom's nice report, here's some Io-A and Io-C from Thursday afternoon -- with yet more solar RFI -- and even a local thunderstorm for sport.

I wish the Sun would quiet down already. We have Jupiter to observe and this solar noise is just getting in the way.

The Io-A emission was RCP dominant L bursting from 17 to 24 MHz. Pretty weak, but there.

The Io-C emission was LCP dominant from 16 to 21 MHz consisting of narrow band S bursting and N events, plus some feathery, undulating L bursting toward the end of the storm.

Both the Io-A and the Io-C events occurred in the Io-C region of the phase plane. The determining factor, however, is circular polarization. We often see Io-A emission (which is RCP) last well into the Io-C region -- and, vice versa, Io-C emission (which is LCP) start well into the Io-A region.

Jupiter was +9° to +27° off axis.

Jupiter was leading the Sun by 15°.

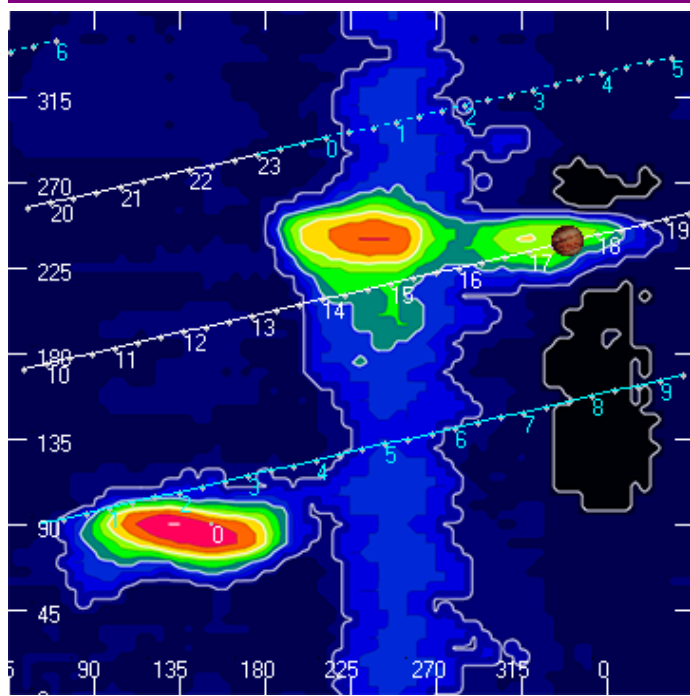
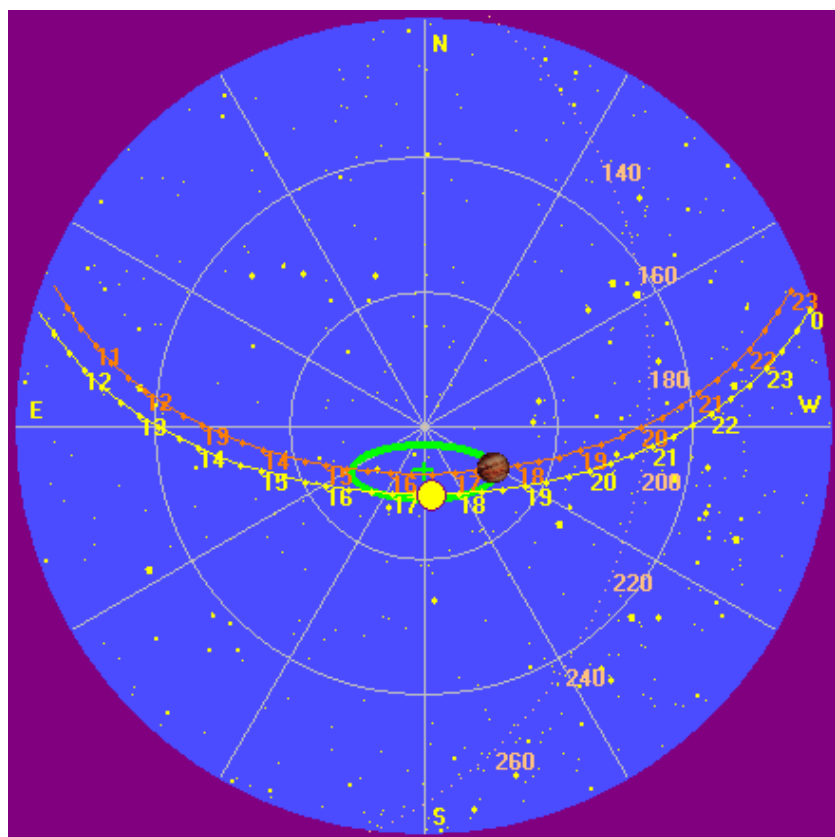
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Dave

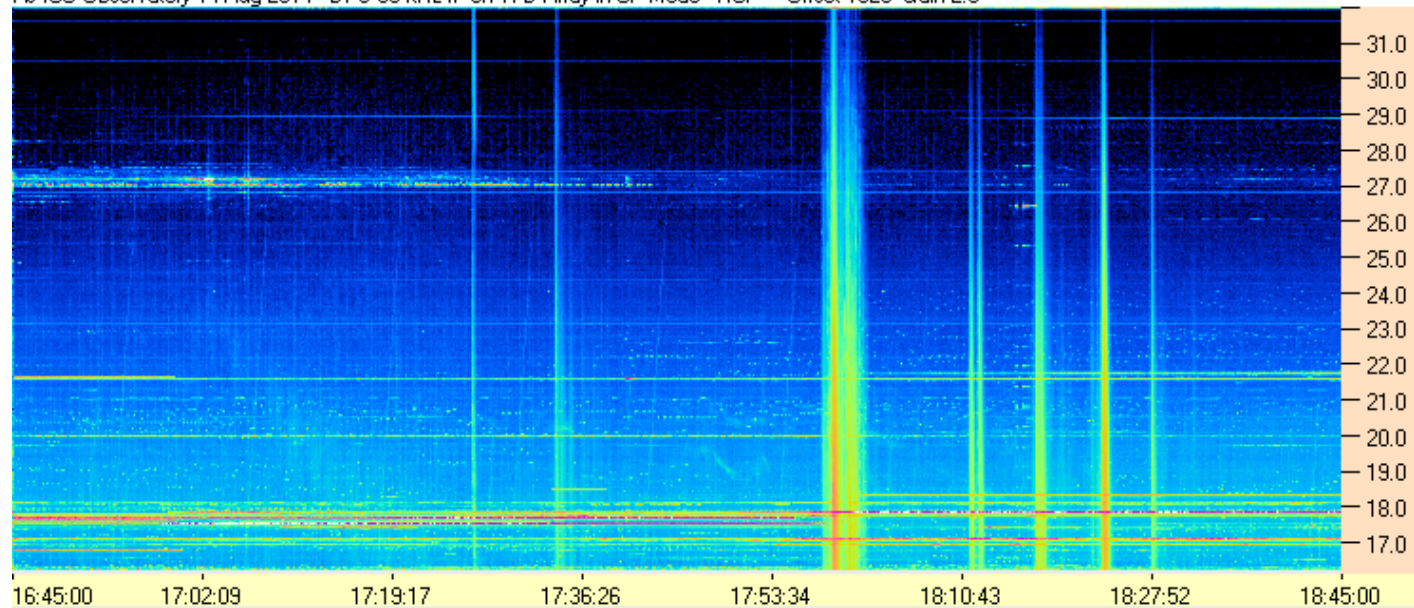
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**AJ4CO Observatory 14 Aug 2014**

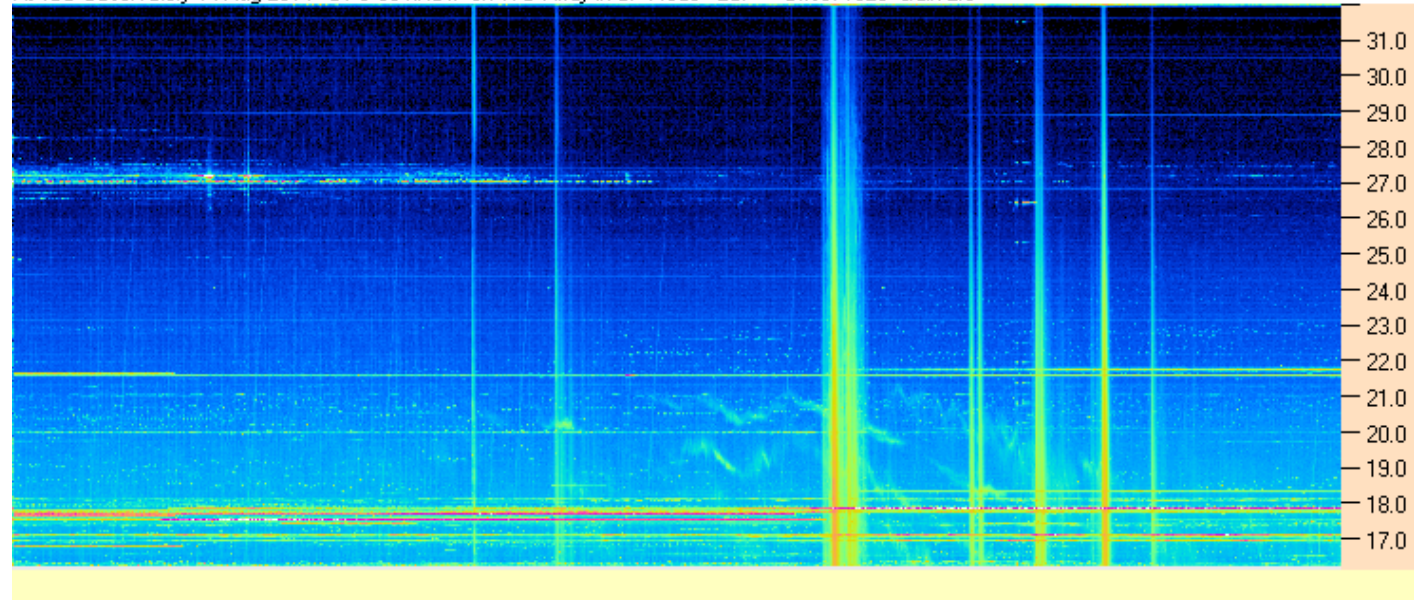
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AJ4CO Observatory 14 Aug 2014 - DPS 30 kHz IF on TFD Array in CP Mode - RCP Offset 1825 Gain 2.0

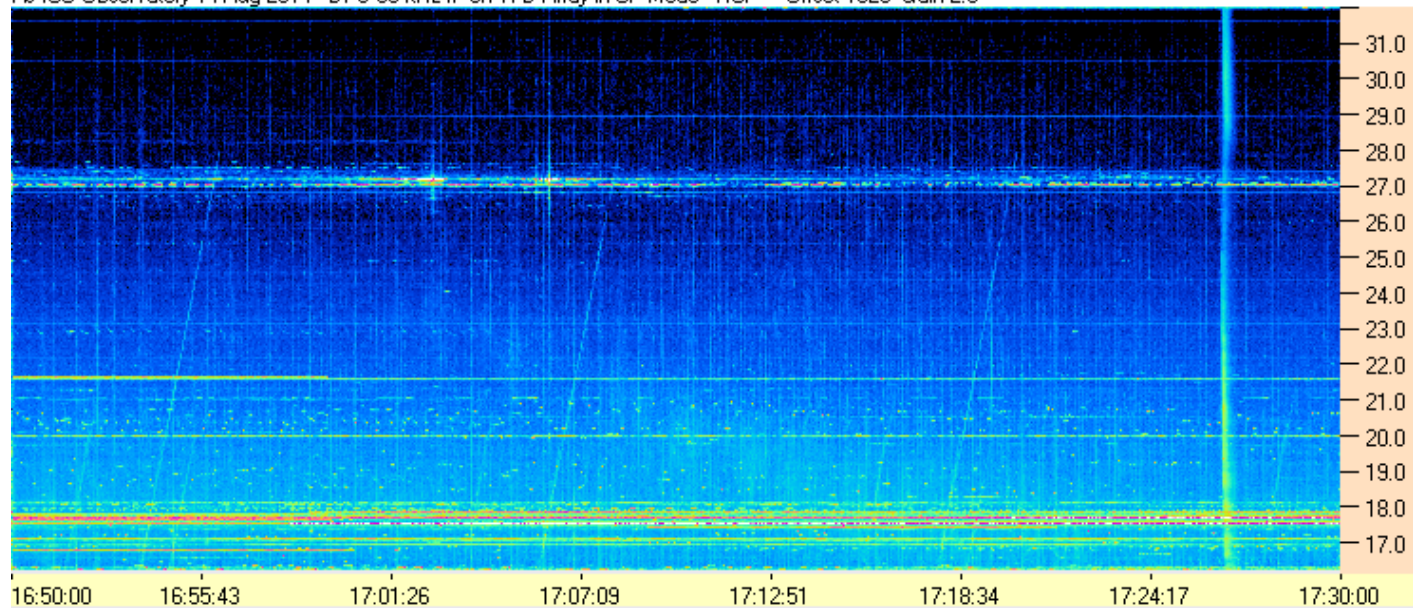


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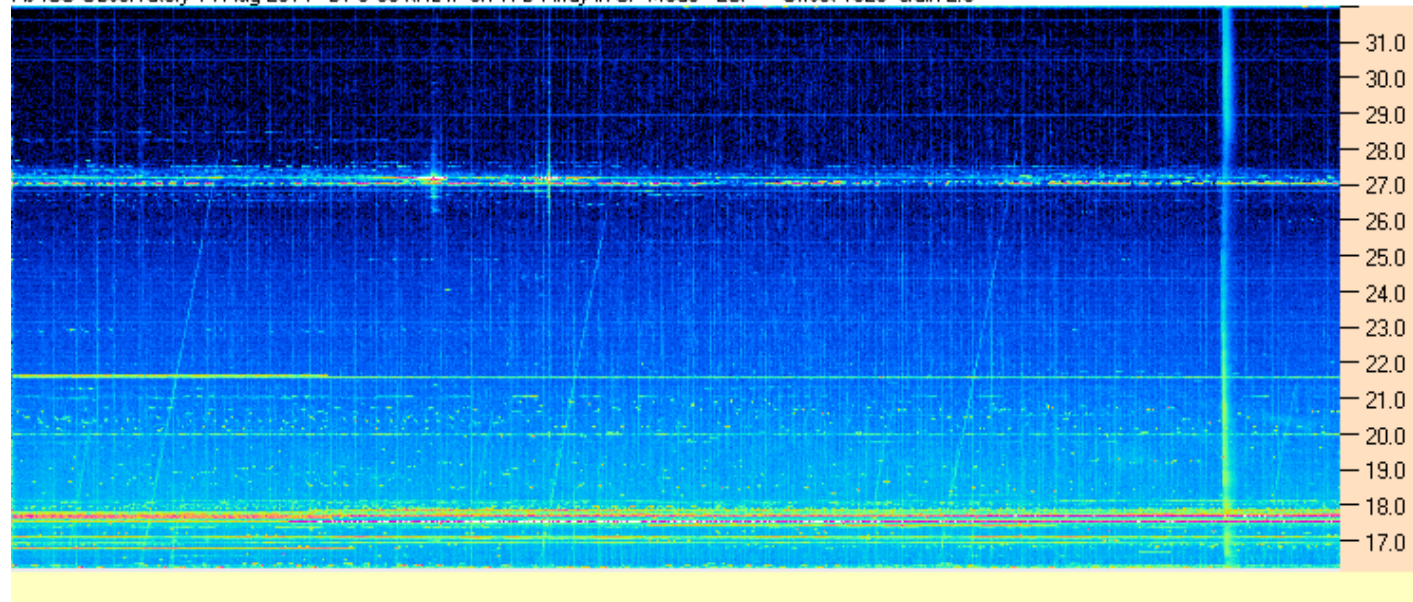
**Io-A**



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AJ4CO Observatory 14 Aug 2014 - DPS 30 kHz IF on TFD Array in CP Mode - LCP Offset 1825 Gain 2.0

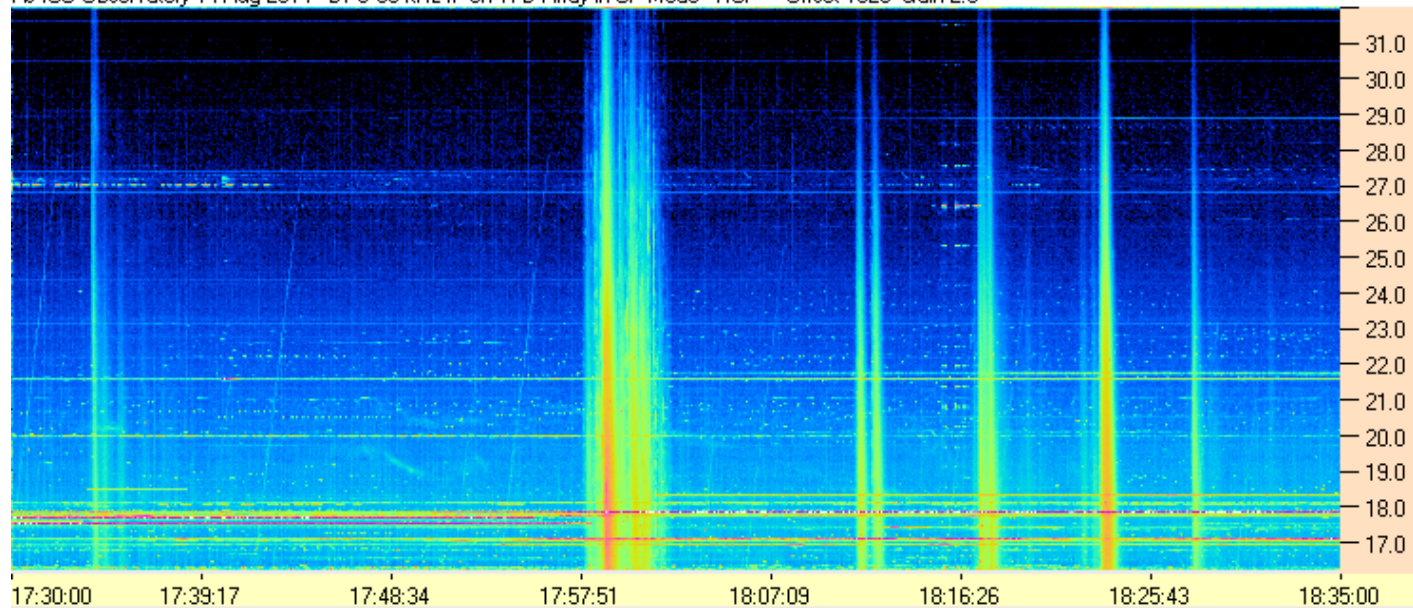


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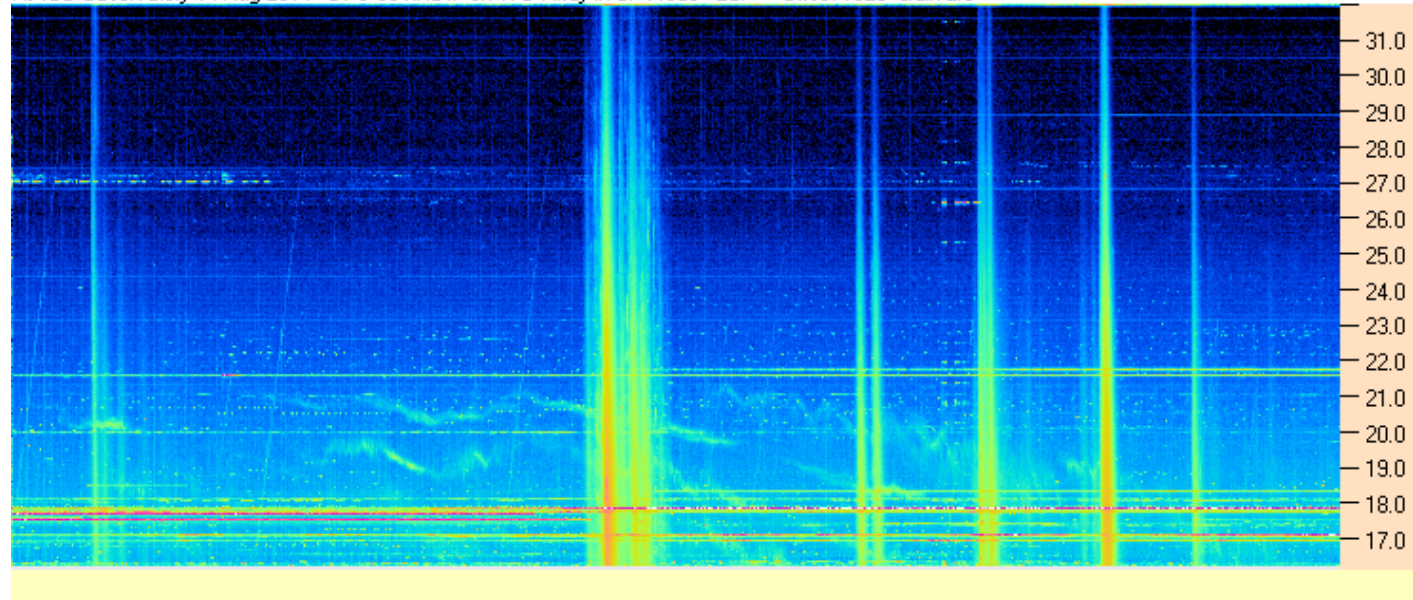
**Io-C**



AJ400 Observatory 14 Aug 2014 - DPS 30 kHz IF on TFD Array in CP Mode - RCP Offset 1825 Gain 2.0

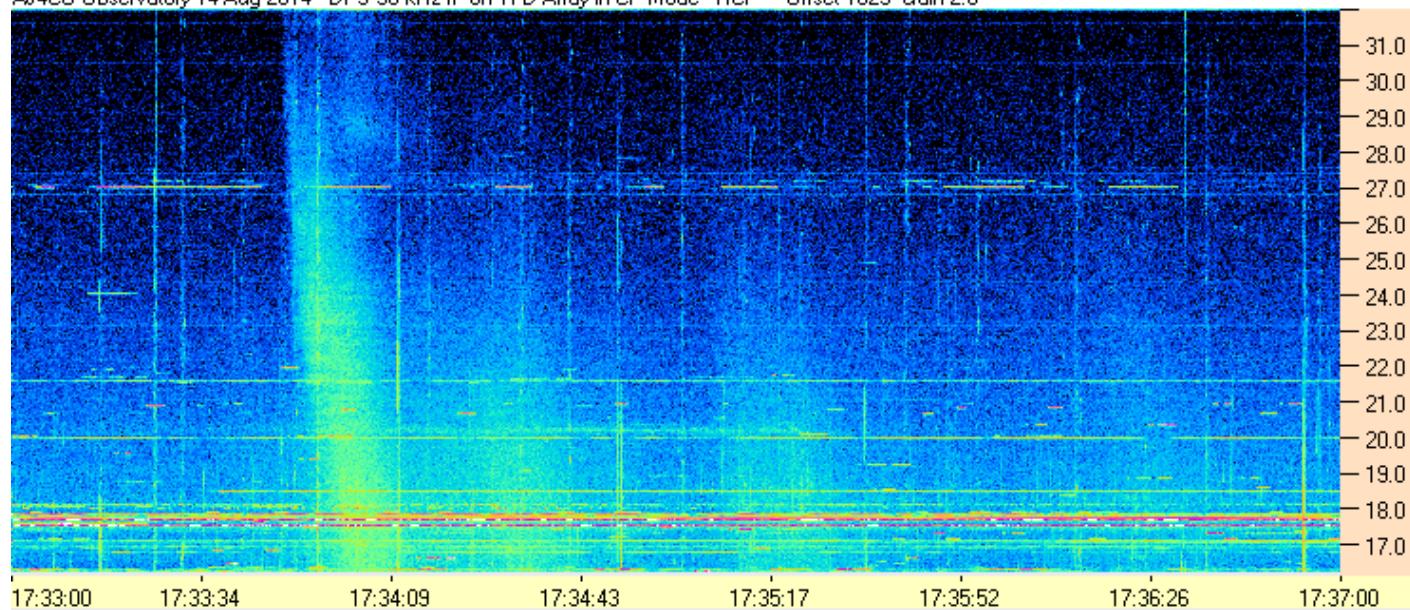


AJ400 Observatory 14 Aug 2014 - DPS 30 kHz IF on TFD Array in CP Mode - LCP Offset 1825 Gain 2.0

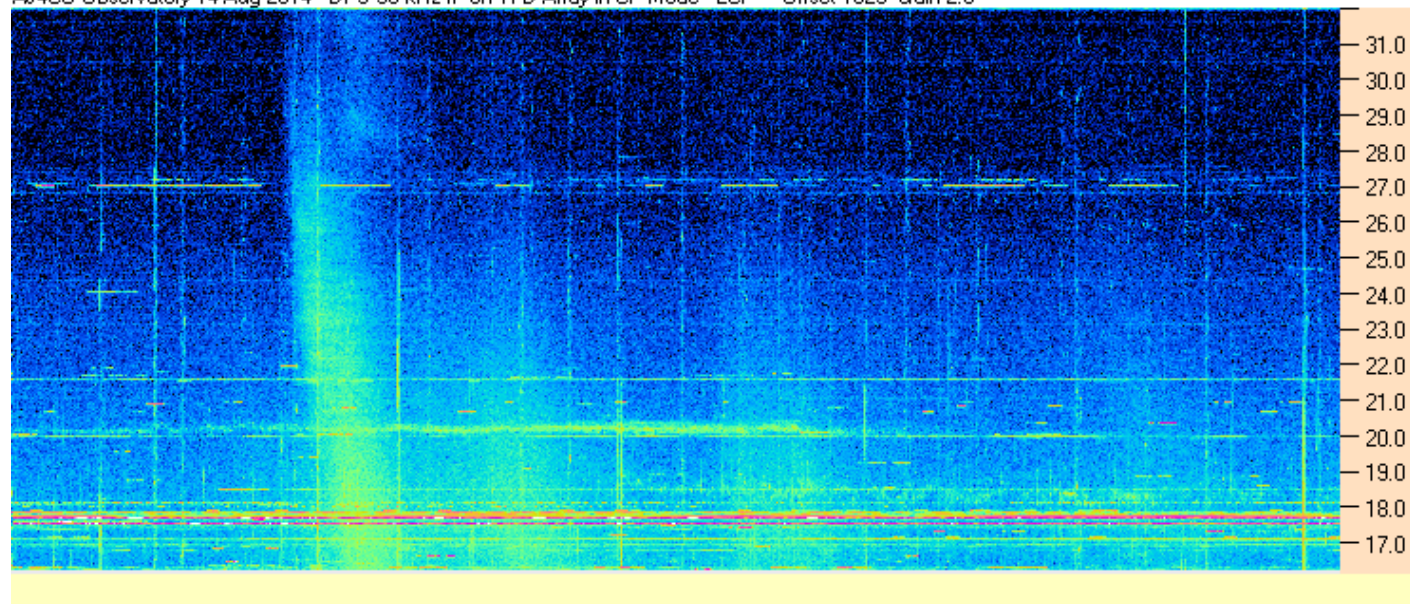




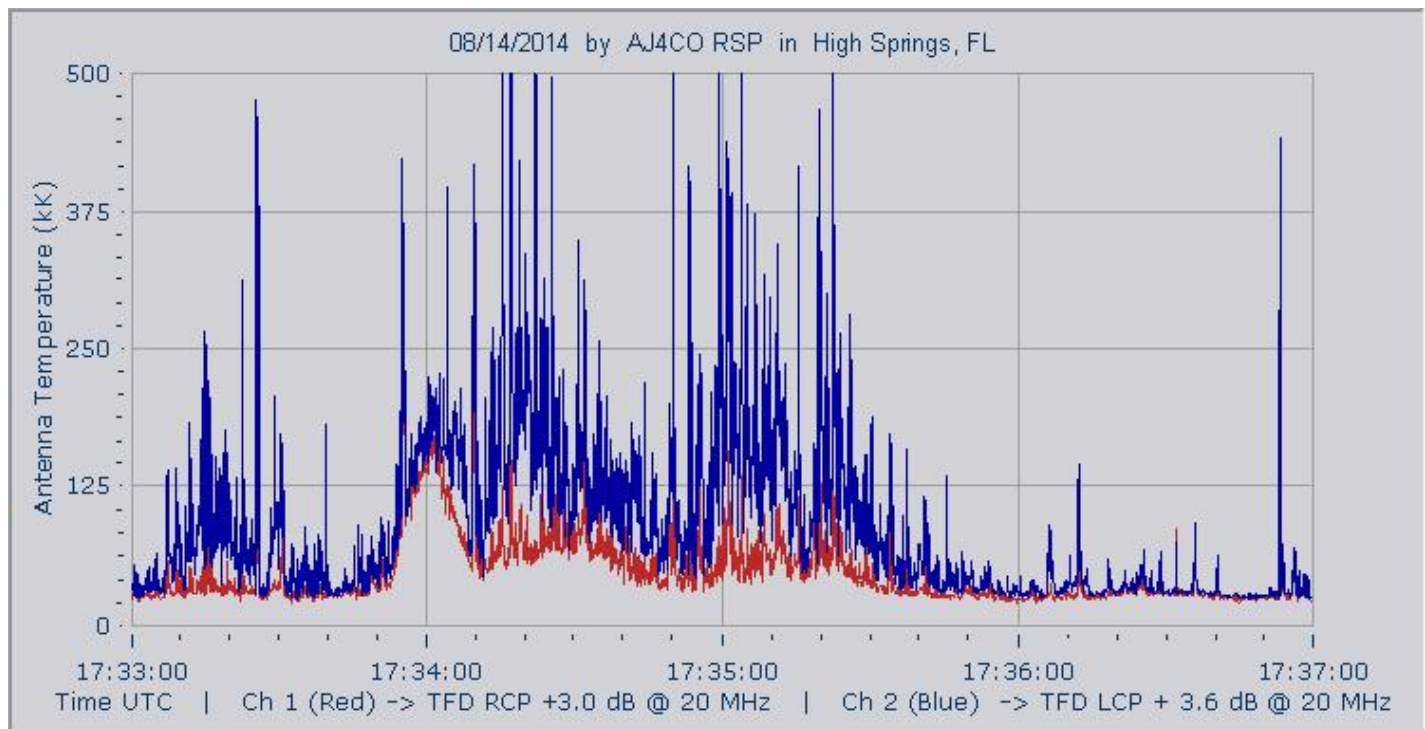
AJ4CD Observatory 14 Aug 2014 - DPS 30 kHz IF on TFD Array in CP Mode - RCP Offset 1825 Gain 2.0



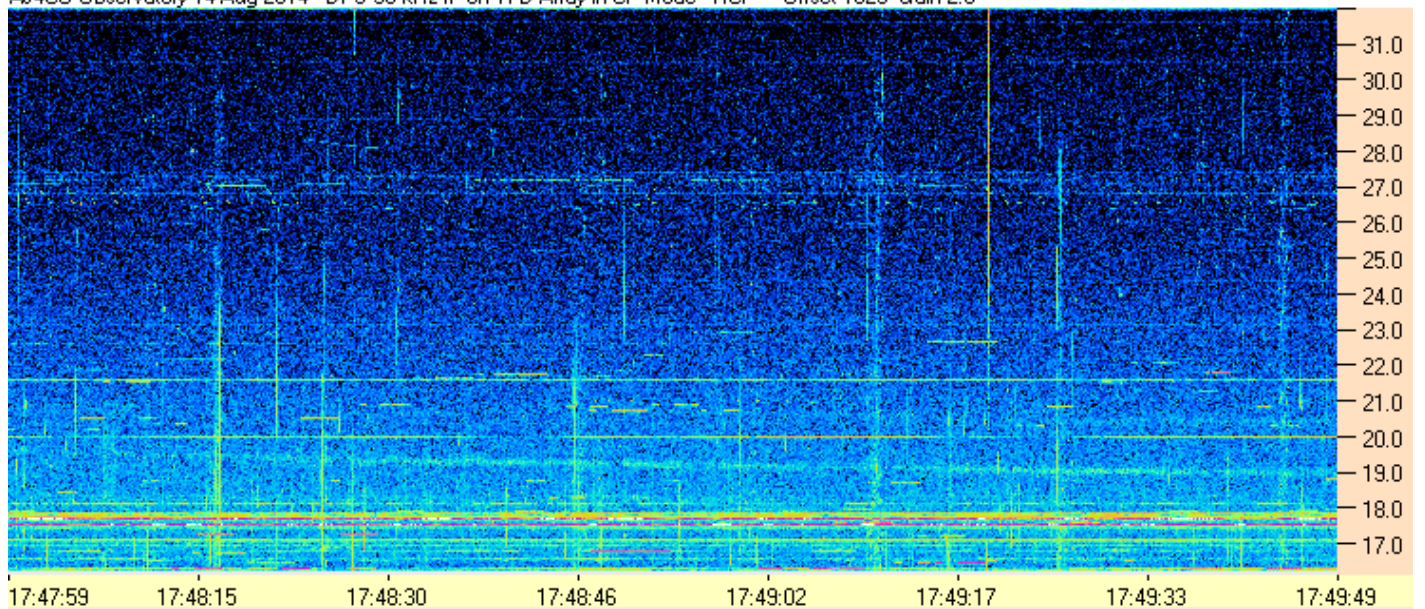
AJ4CD Observatory 14 Aug 2014 - DPS 30 kHz IF on TFD Array in CP Mode - LCP Offset 1825 Gain 2.0





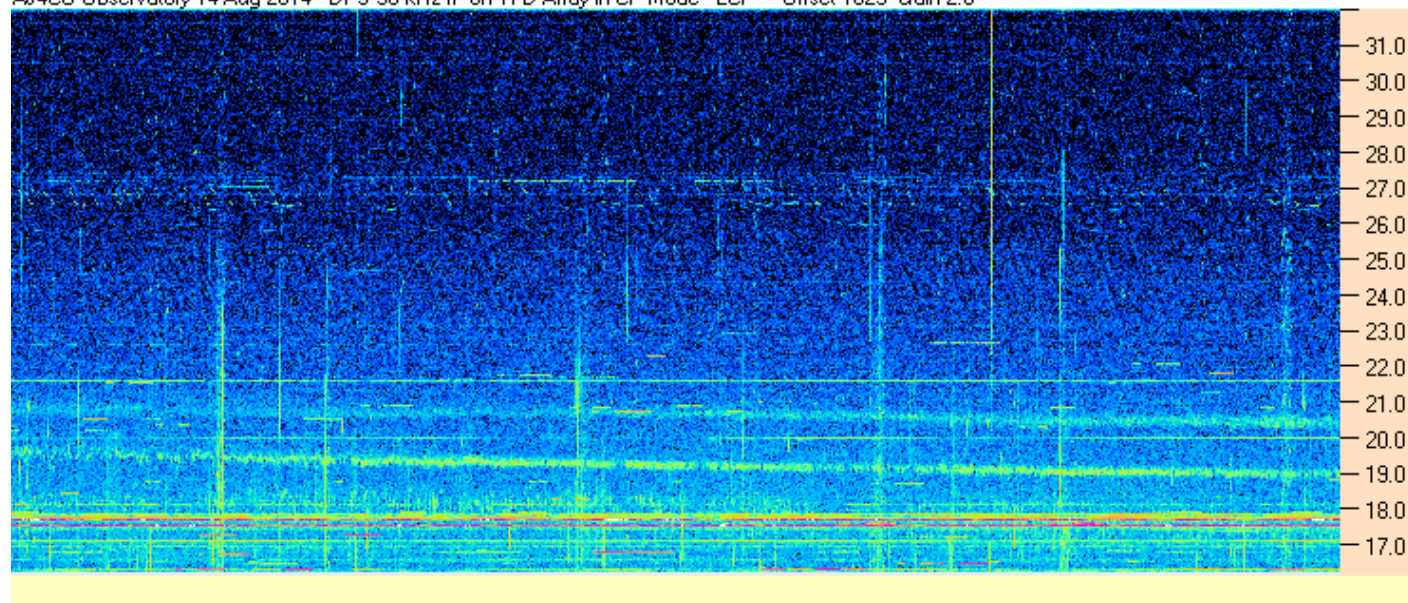


AJ4CO Observatory 14 Aug 2014 - DPS 30 kHz IF on TFD Array in CP Mode - RCP Offset 1825 Gain 2.0

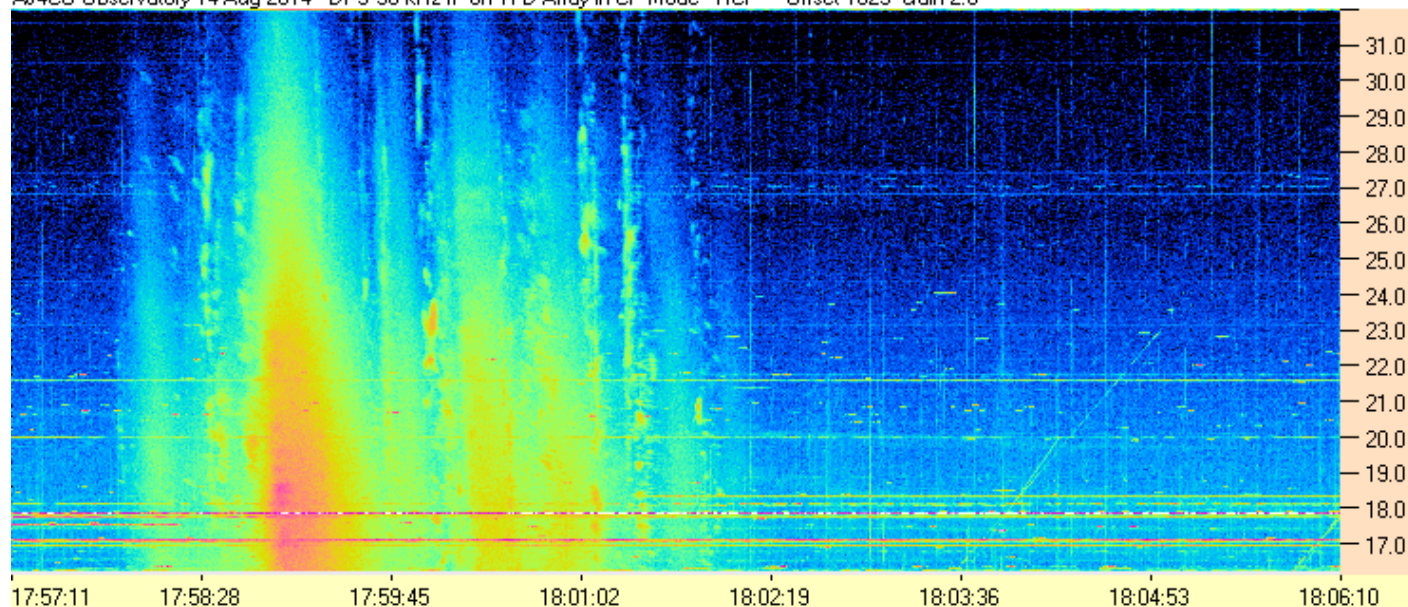




AJ400 Observatory 14 Aug 2014 - DPS 30 kHz IF on TFD Array in CP Mode - LCP Offset 1825 Gain 2.0

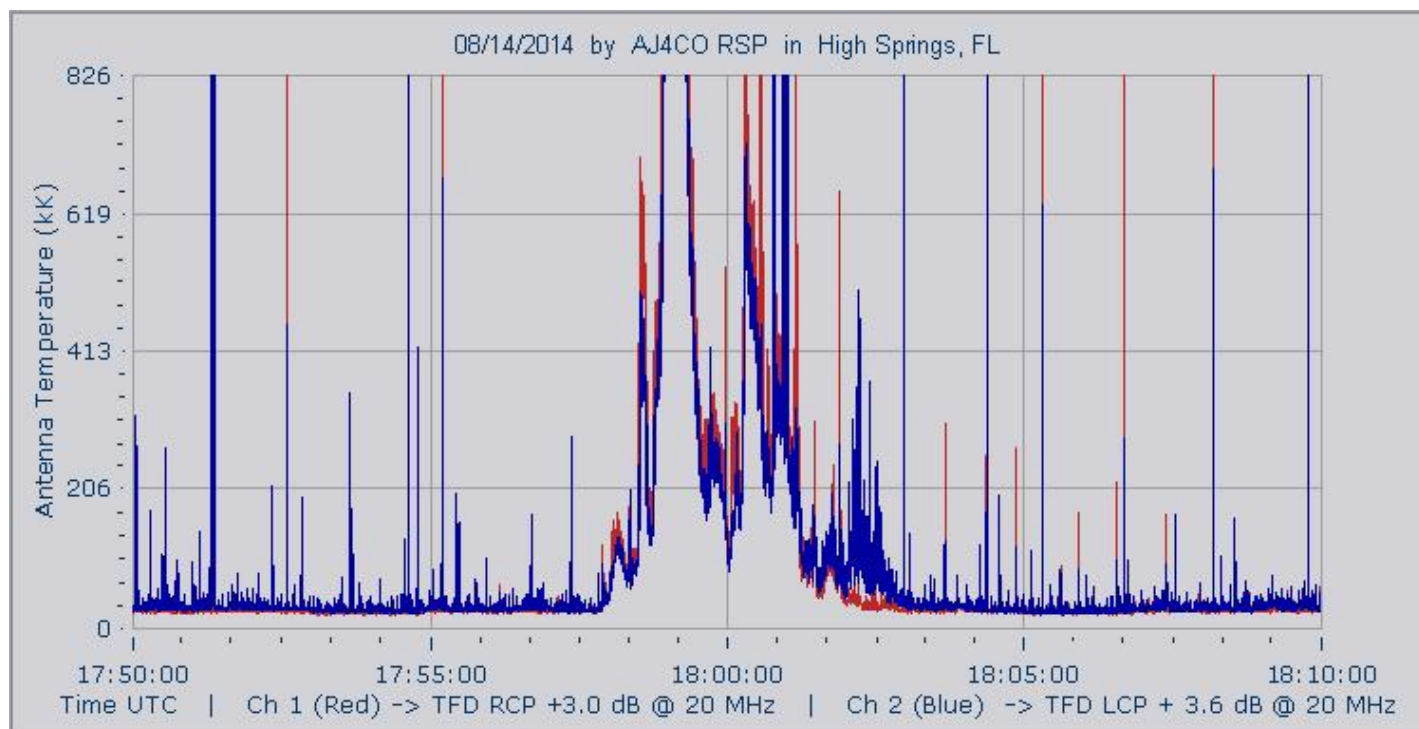
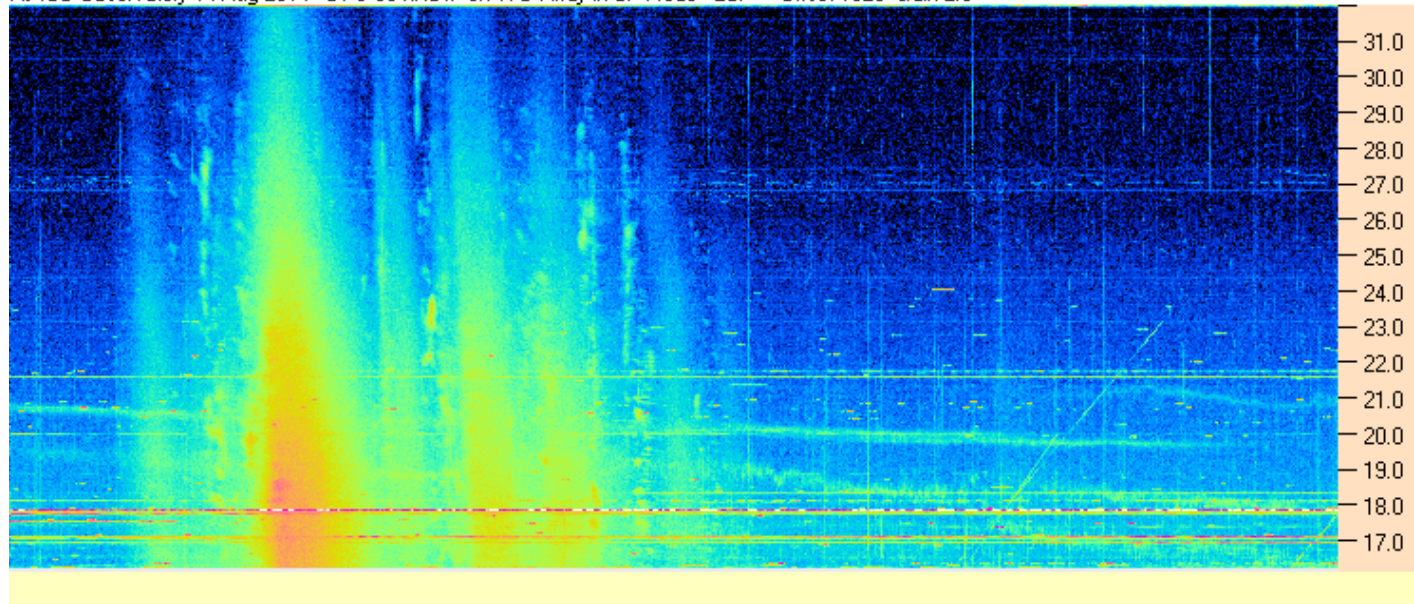


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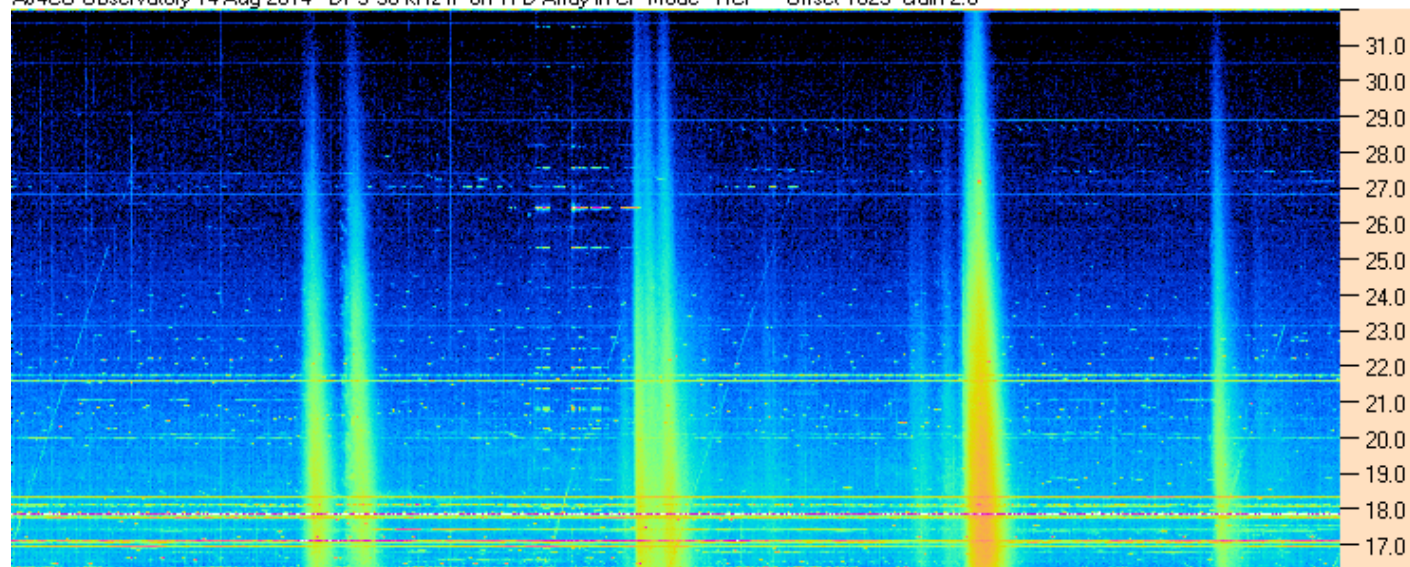


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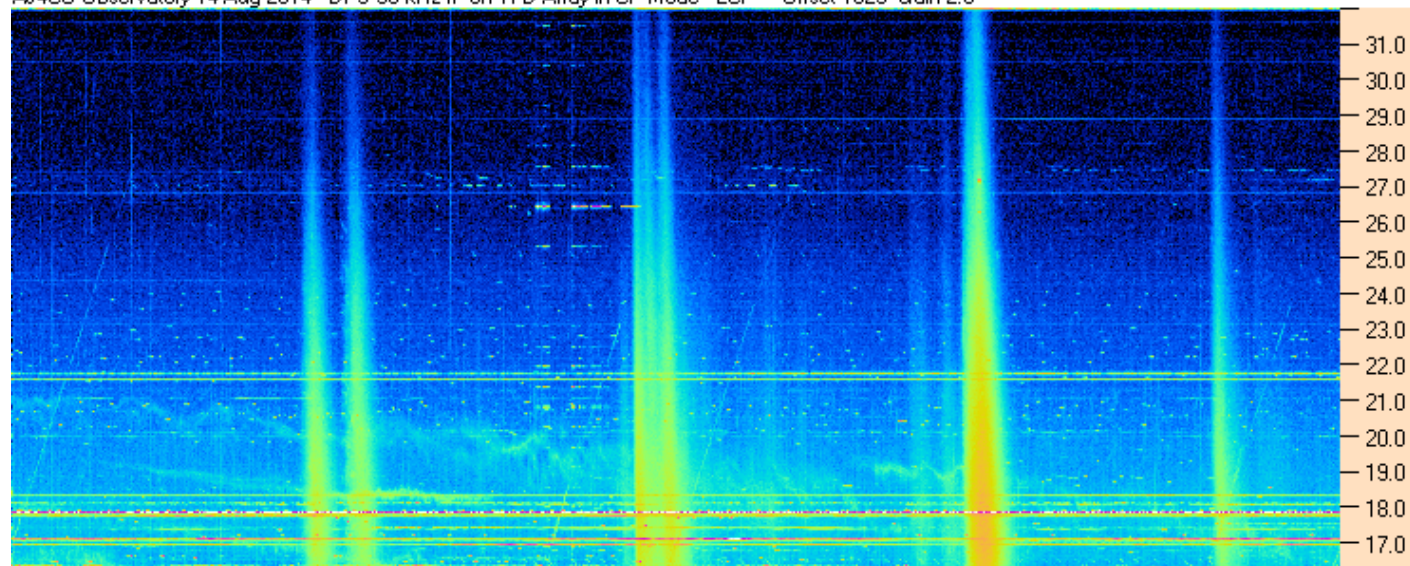


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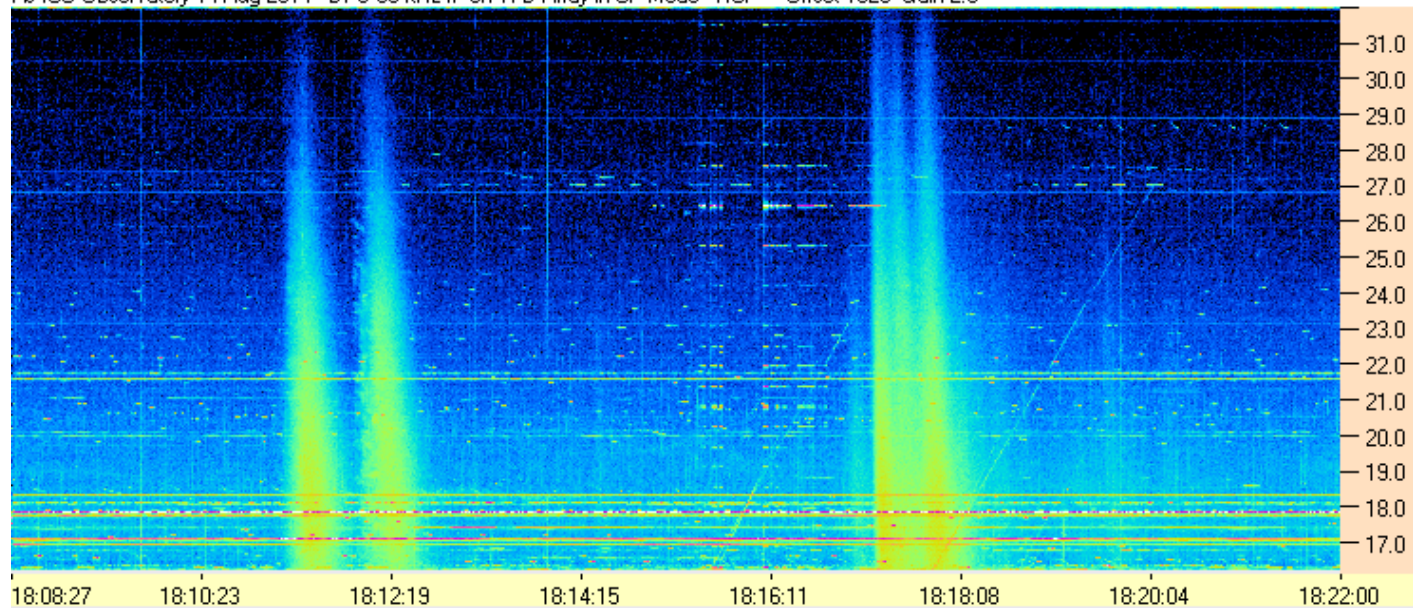
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AJ4CD Observatory 14 Aug 2014 - DPS 30 kHz IF on TFD Array in CP Mode - LCP Offset 1825 Gain 2.0





AJ4CO Observatory 14 Aug 2014 - DPS 30 kHz IF on TFD Array in CP Mode - RCP Offset 1825 Gain 2.0



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