

Subject: [radiojove-data] 28 Nov 2013 non-Io-A/C
From: Dave Typinski <davetyp@typnet.net>
Date: 11/29/2013 00:55
To: RadioJove-Data <radiojove-data@lists.nasa.gov>

The non-Io emission continues to roll in almost daily, this morning providing a two-for-one deal.

There was some nice non-Io-A L bursting in RCP up to about 24 MHz around 0800, followed by a nice LCP N event around 0845 between 18 and 19 MHz in the non-Io-C region.

The A source emission in RCP continued into and past the C source LCP N event. Not too surprising that they seem wholly unrelated considering that these two emissions come from different hemispheres (RCP is from Jupiter's northern hemisphere and LCP comes from the southern). Kind of neat when they happen simultaneously.

Jupiter was off axis from 12° to 16°.

Jupiter was leading the Sun by 137°.

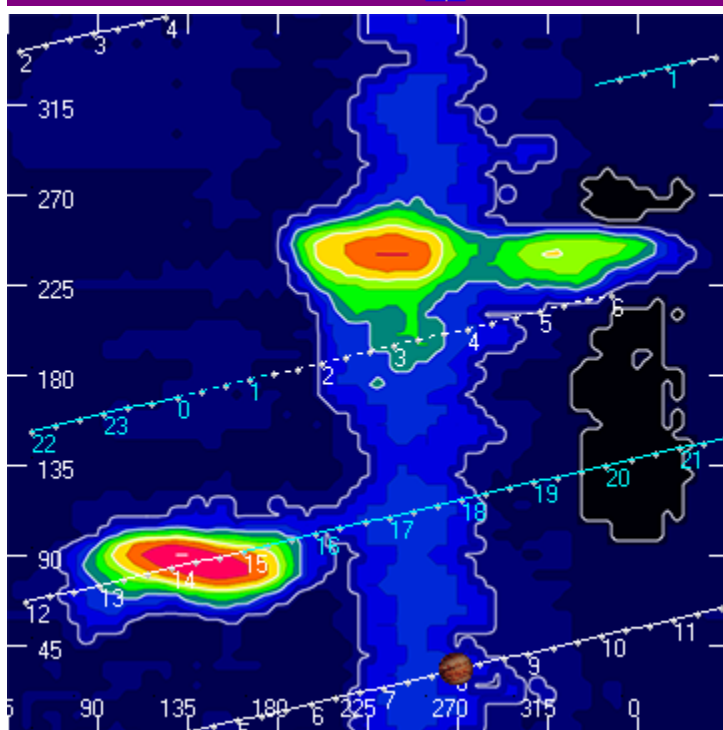
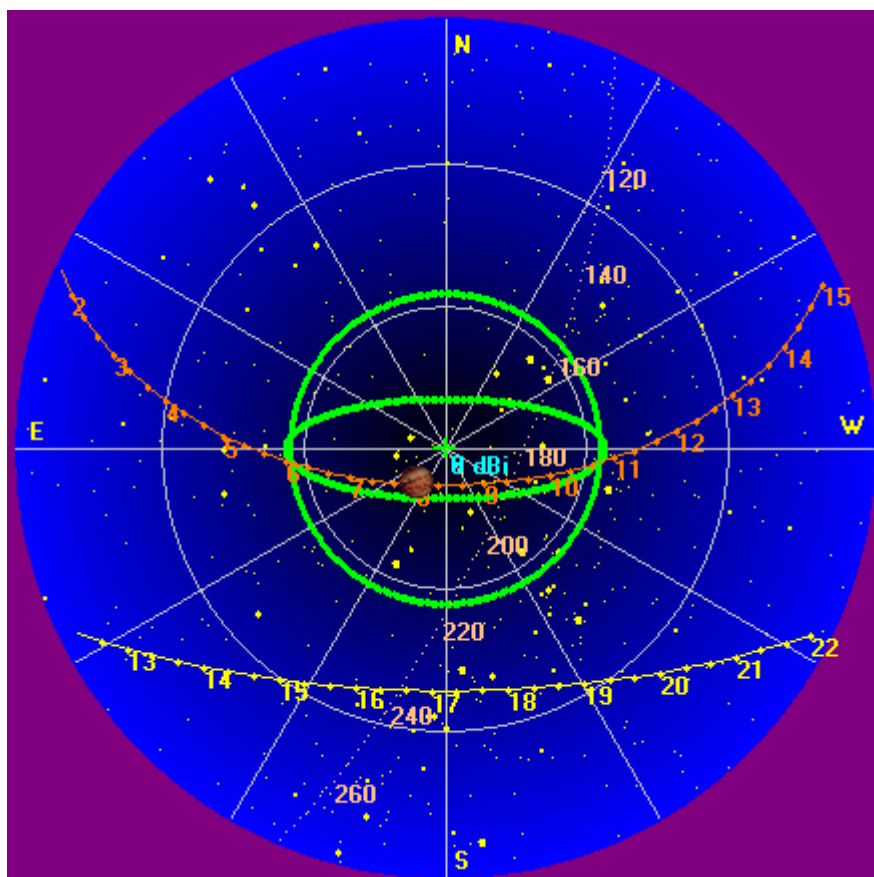
The Jove receivers were offline for RFI testing. Thought maybe the vertical lines in the spectrograms were caused by a Jove receiver, but apparently not. Not sure what those lines are. Interesting that they come in stronger on the RJ array than the TFD array. Haven't figured that one out -- smaller sidelobes on the TFD array, maybe? The Jove receivers will be back online tomorrow.

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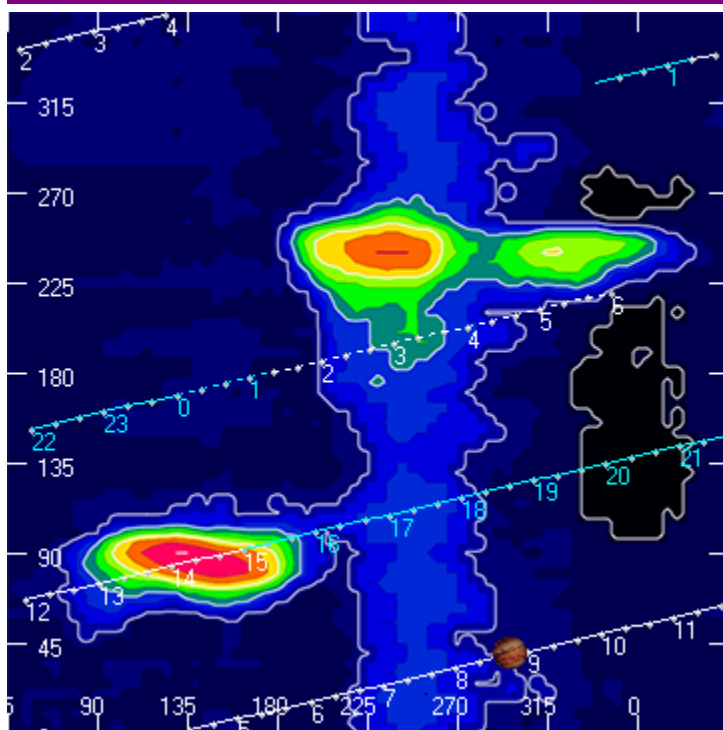
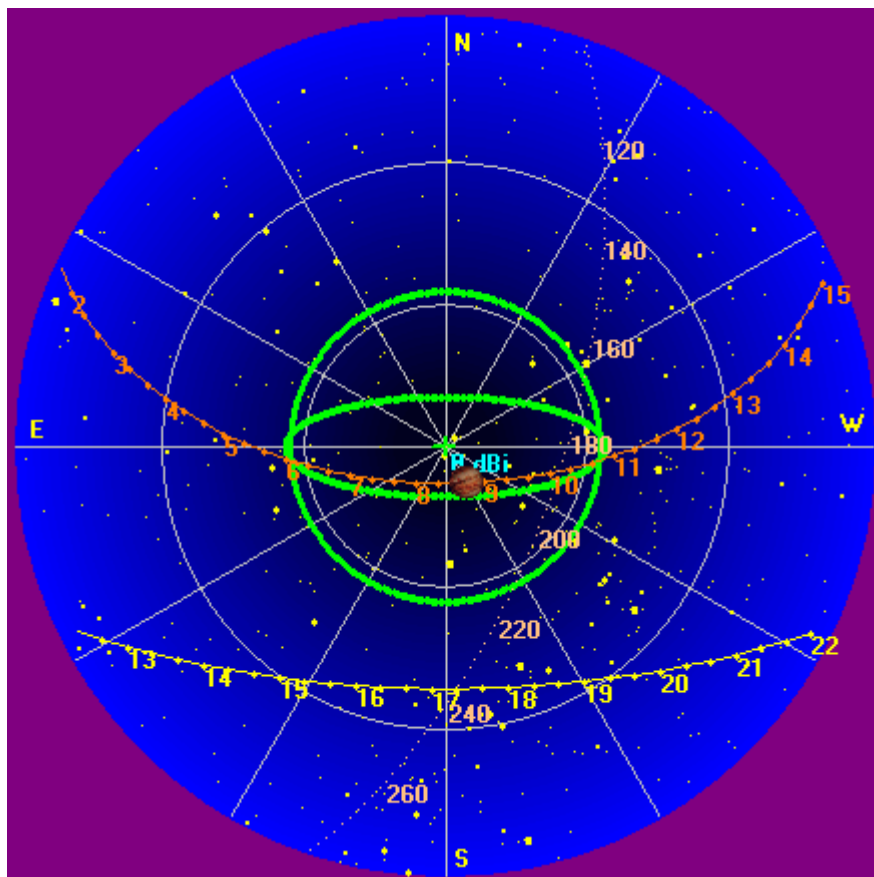
Dave

AJ4CO Observatory, 28 Nov 2013

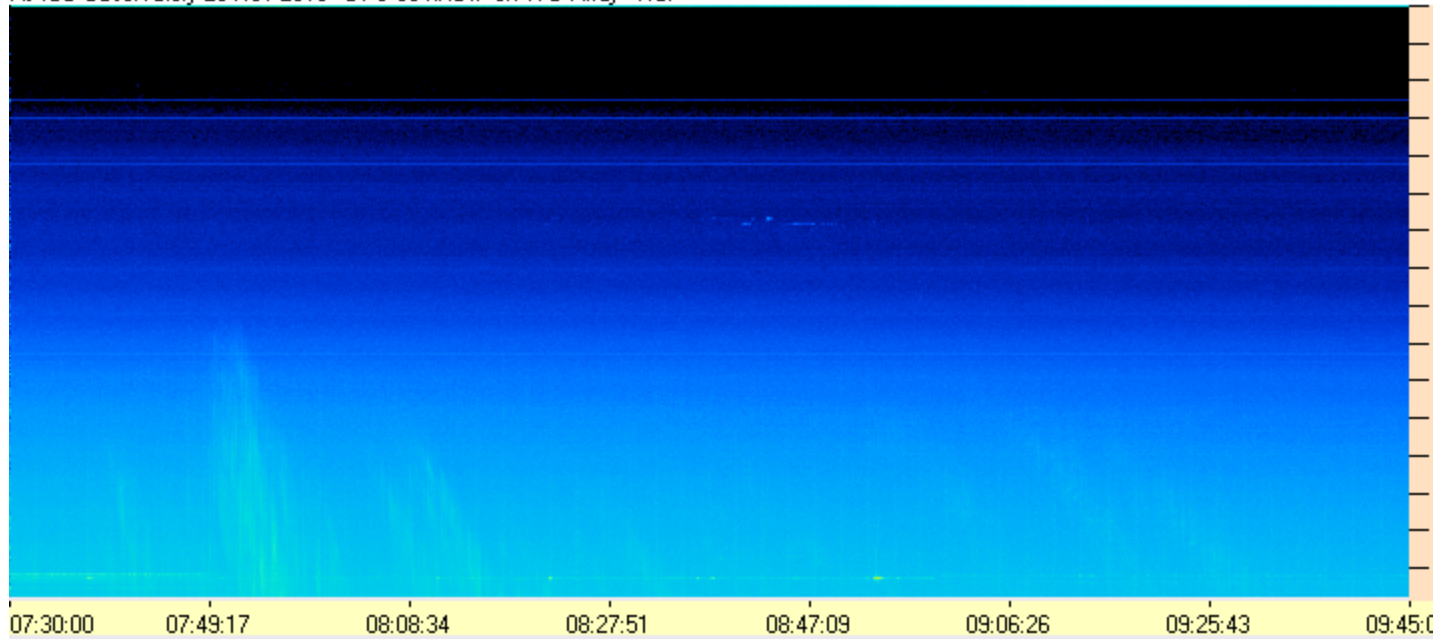
non-Io-A



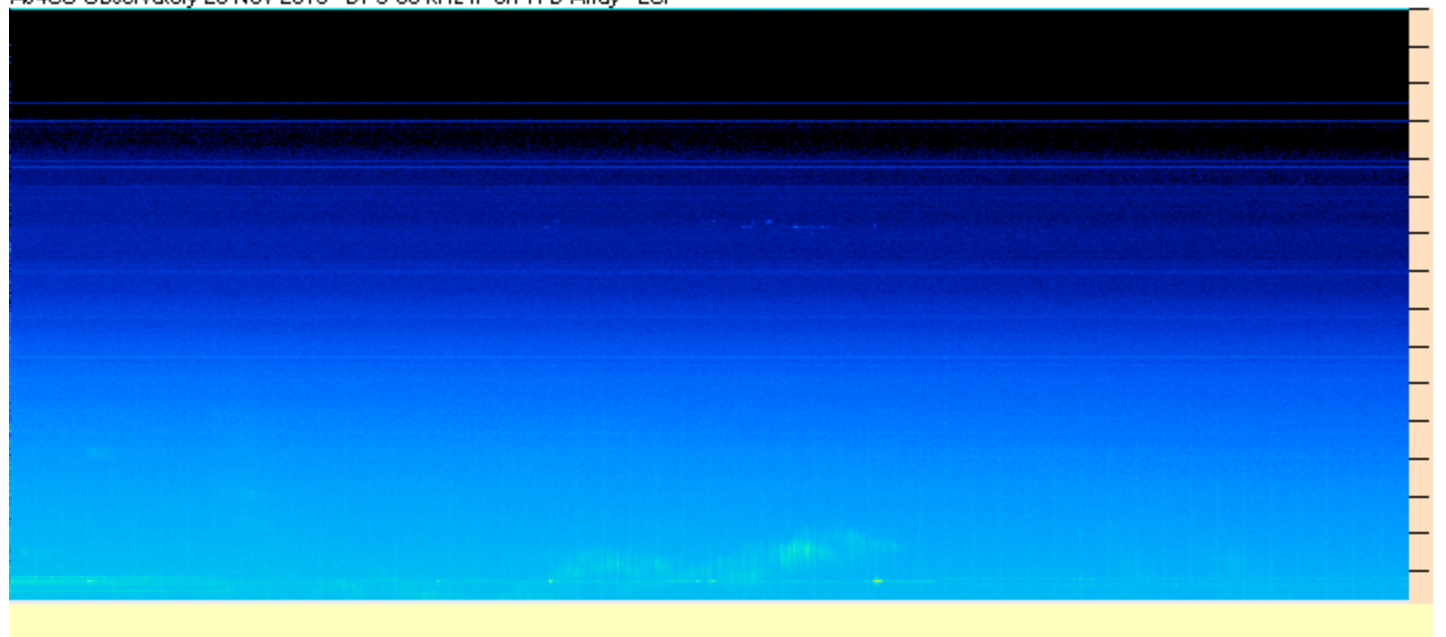
non-Io-C



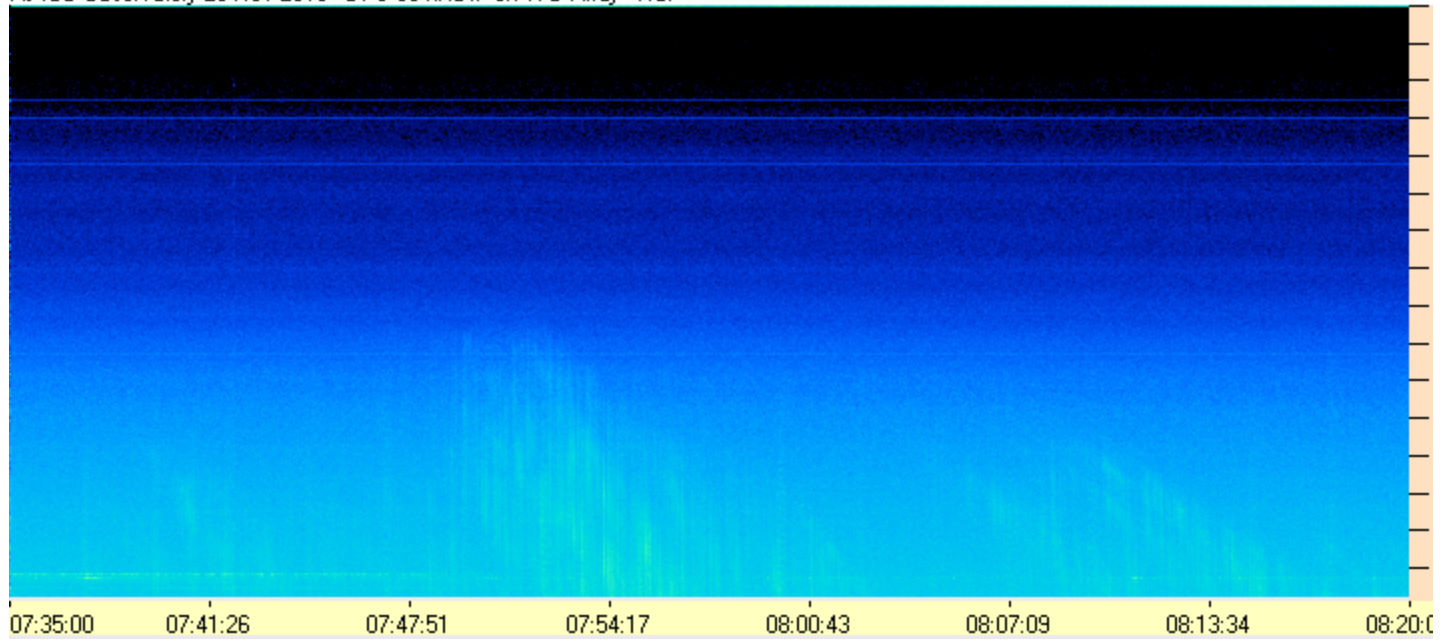
AJ4CO Observatory 28 Nov 2013 - DPS 60 kHz IF on TFD Array - RCP



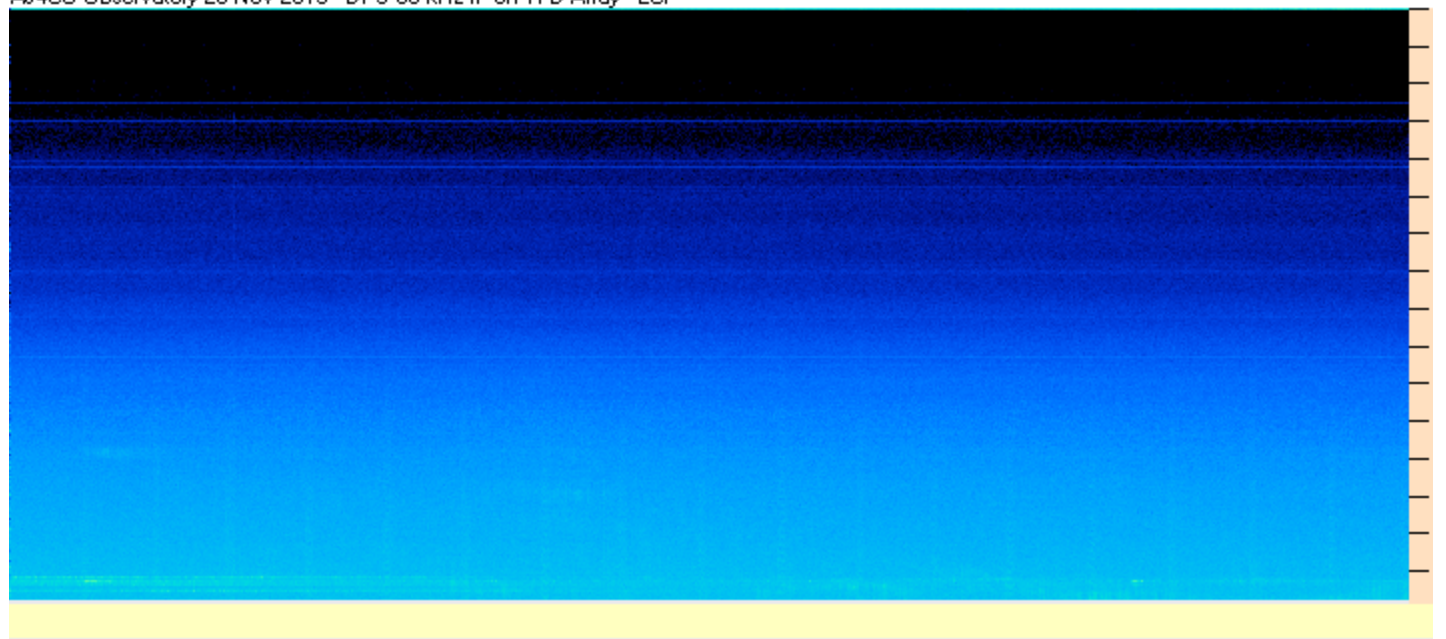
AJ4CO Observatory 28 Nov 2013 - DPS 60 kHz IF on TFD Array - LCP



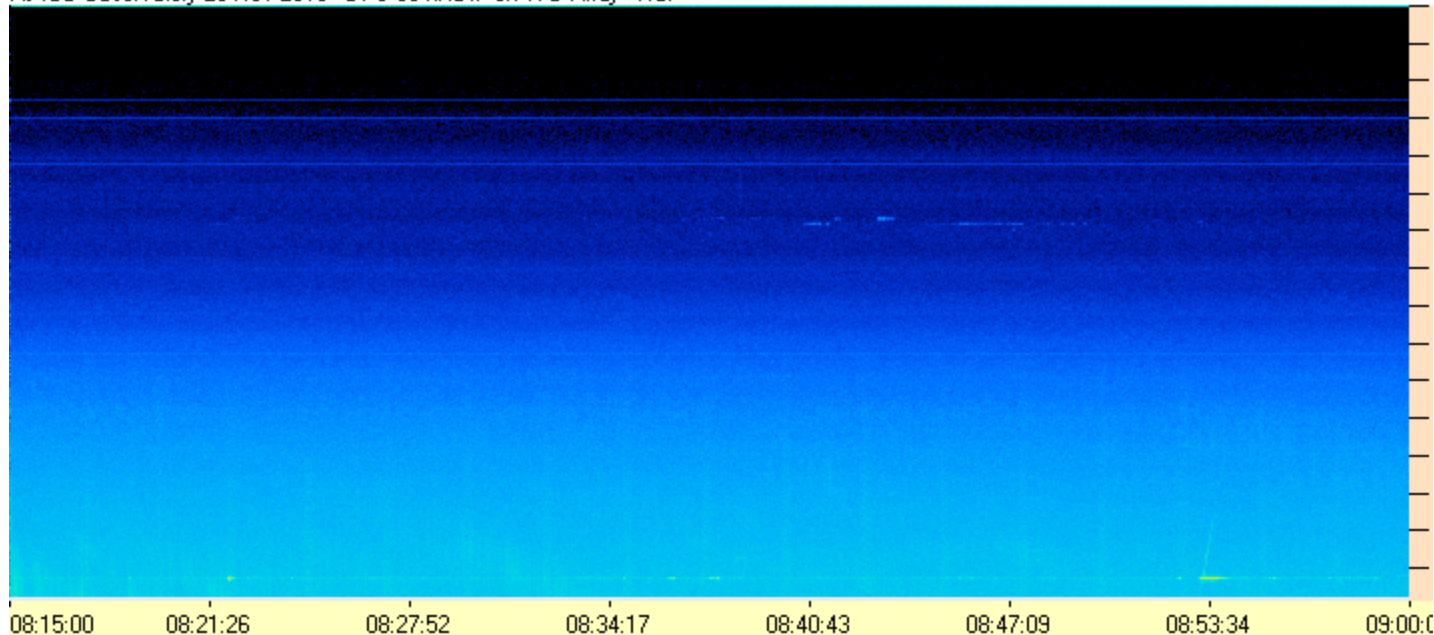
AJ4CO Observatory 28 Nov 2013 - DPS 60 kHz IF on TFD Array - RCP



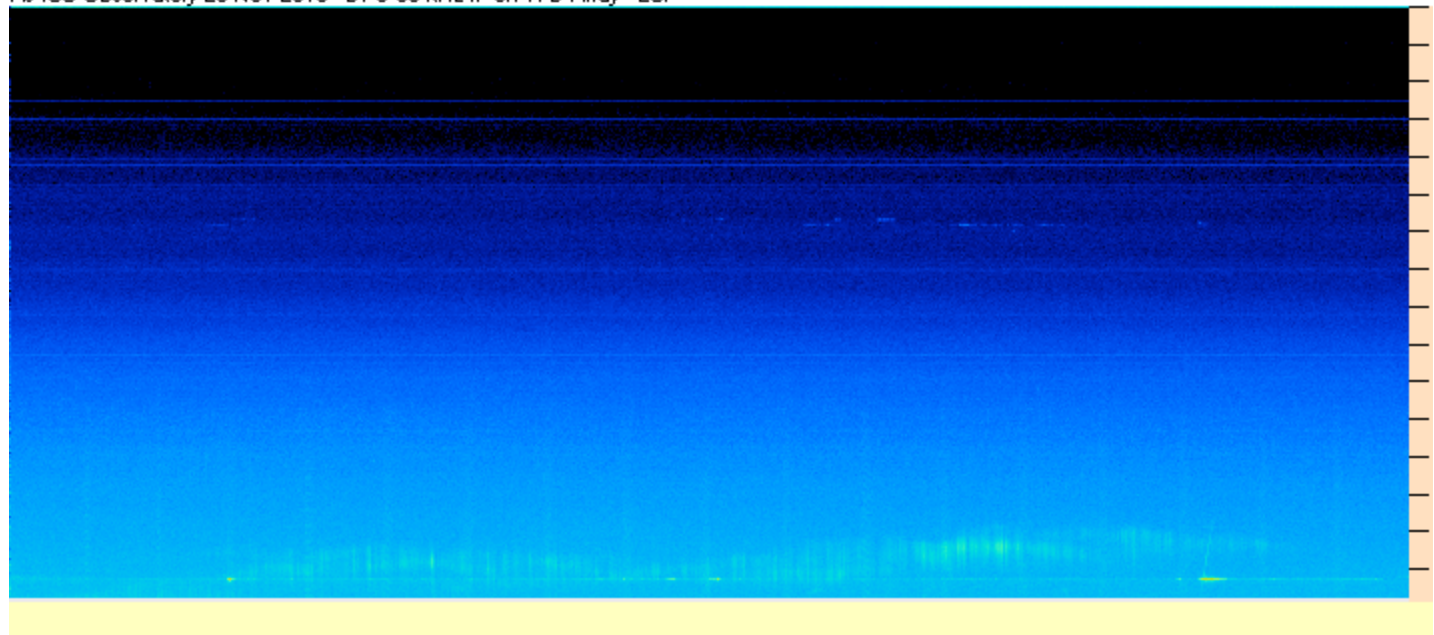
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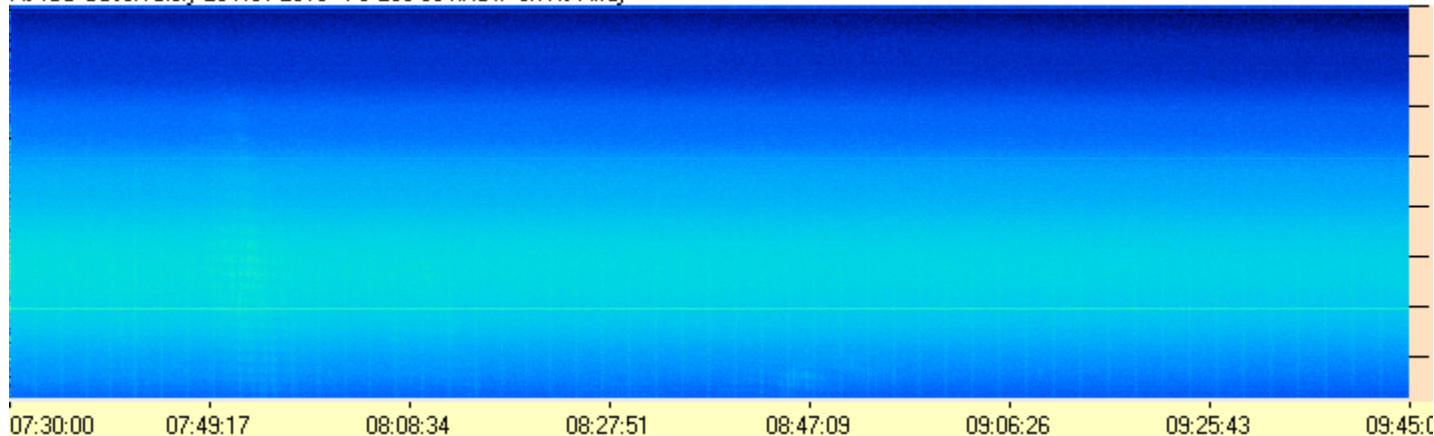
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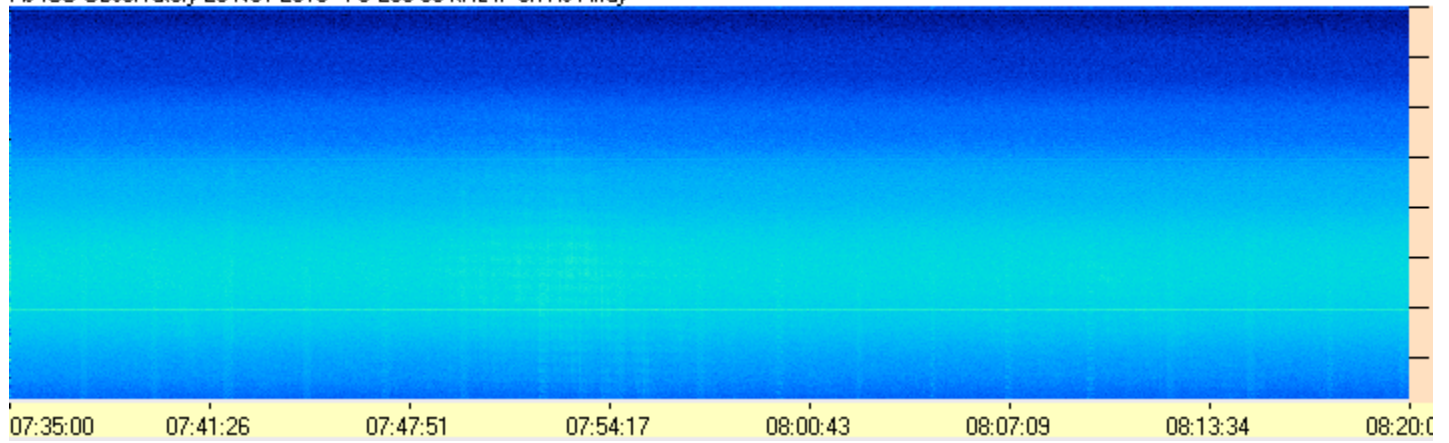
AJ4CO Observatory 28 Nov 2013 - DPS 60 kHz IF on TFD Array - LCP



AJ4CO Observatory 28 Nov 2013 - FS-200 30 kHz IF on RJ Array



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