

Subject: [radiojove-data] 14 Dec 2015 Io-C high speed data
From: Dave Typinski <davetyp@typnet.net>
Date: 12/16/2015 23:32
To: RadioJove-Data <radiojove-data@lists.nasa.gov>

Here are a few high speed spectrograms from the Tunable Wide Band (TWB) receiver for Monday morning's Io-C, along with some regular-speed Dual Polarization Spectrograph (DPS) spectrograms covering the same period. Each TWB spectrogram represents one pixel of width in the DPS spectrograms.

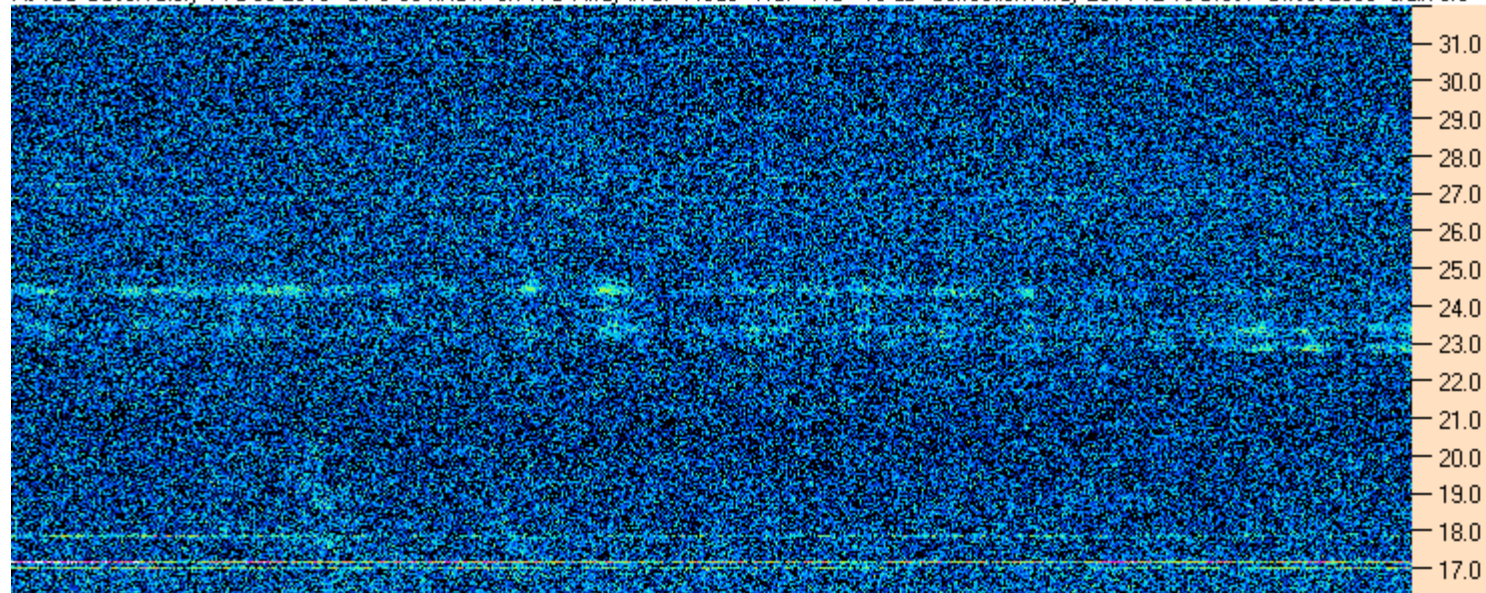
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Dave

AJ4CO Observatory 14 Dec 2015, log entry 498 - 99

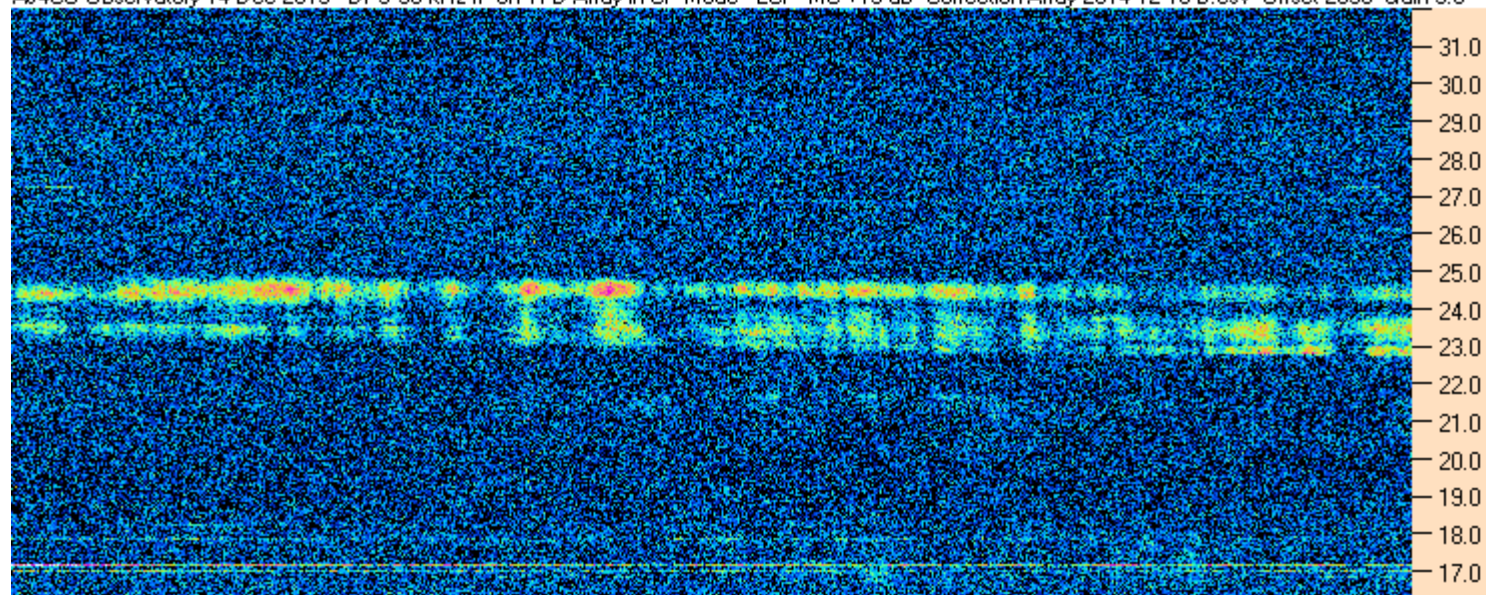
Pure N event

AJ4CO Observatory 14 Dec 2015 - DPS 30 kHz IF on TFD Array in CP Mode - RCP MC +13 dB Correction Array 2014 12 18 B.csv Offset 2090 Gain 5.0

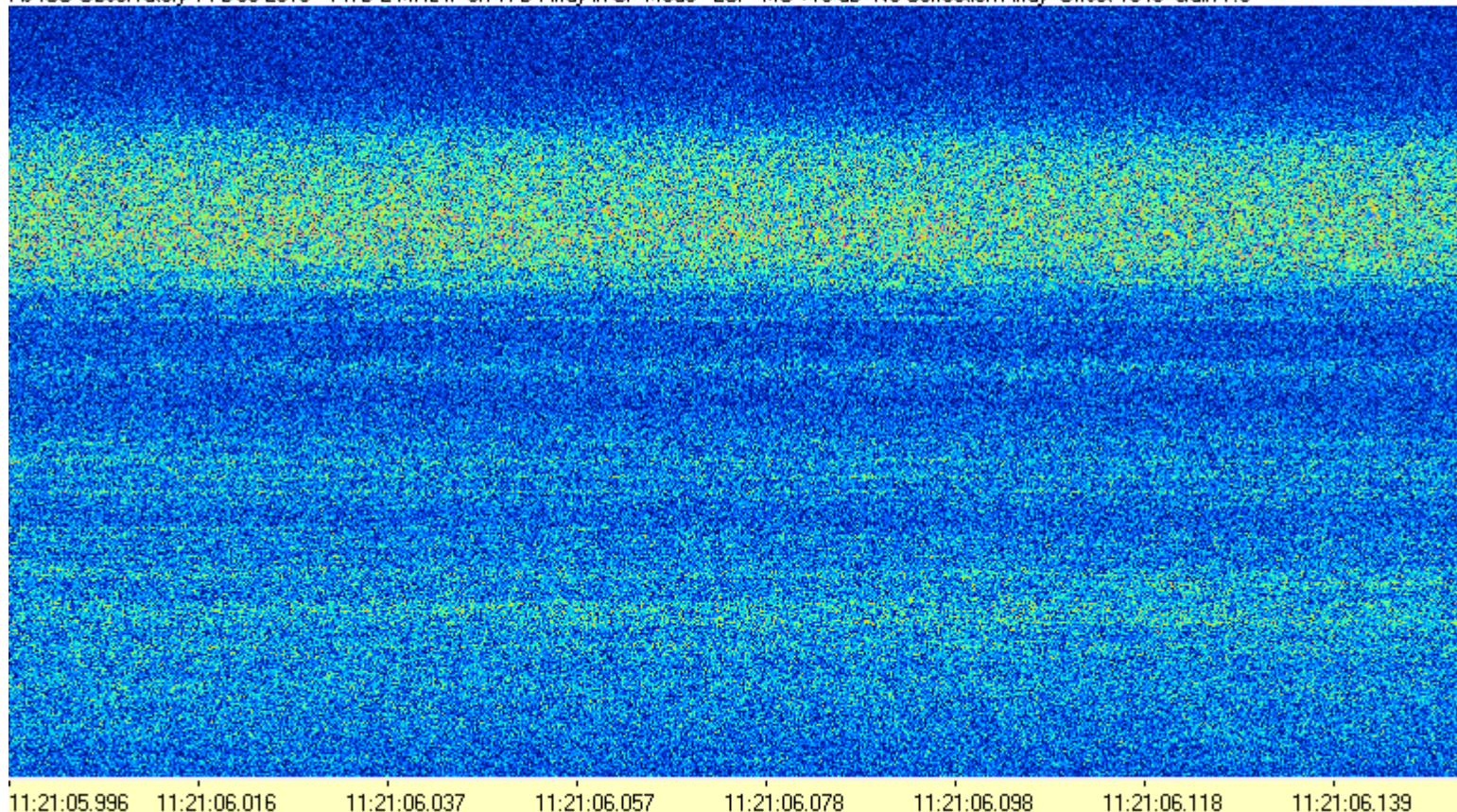


11:20:19 11:20:35 11:20:50 11:21:06 11:21:22 11:21:38 11:21:53 11:22:09

AJ4CO Observatory 14 Dec 2015 - DPS 30 kHz IF on TFD Array in CP Mode - LCP MC +13 dB Correction Array 2014 12 18 B.csv Offset 2090 Gain 5.0

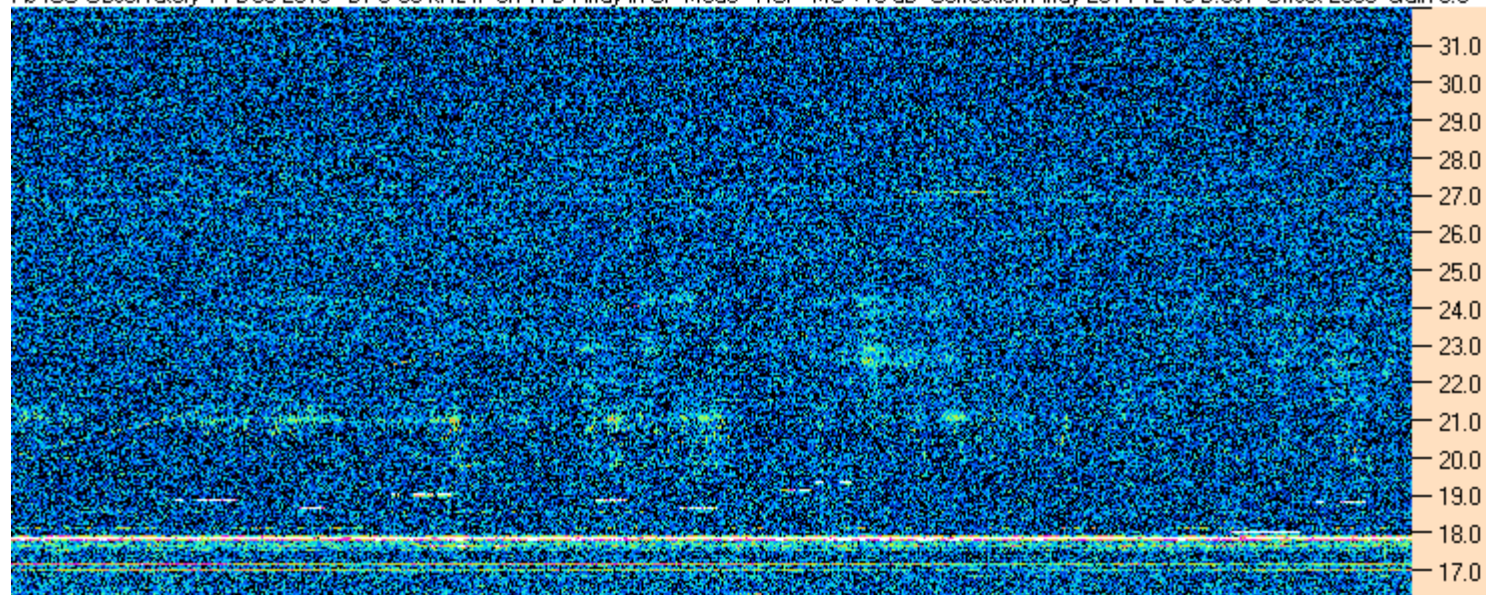


AJ4CO Observatory 14 Dec 2015 - TWB 2 MHz IF on TFD Array in CP Mode - LCP MC +13 dB No Correction Array Offset 1045 Gain 7.0



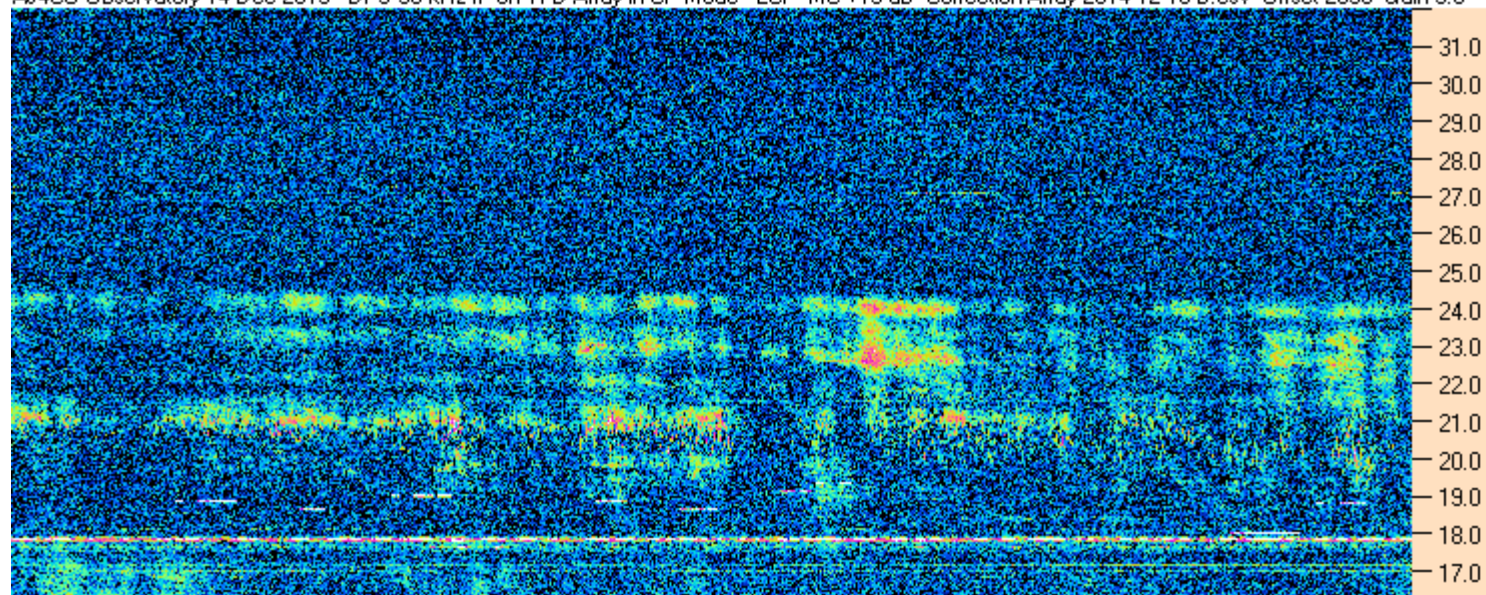
Slightly dirty S bursts

AJ4CO Observatory 14 Dec 2015 - DPS 30 kHz IF on TFD Array in CP Mode - RCP MC +13 dB Correction Array 2014 12 18 B.csv Offset 2090 Gain 5.0

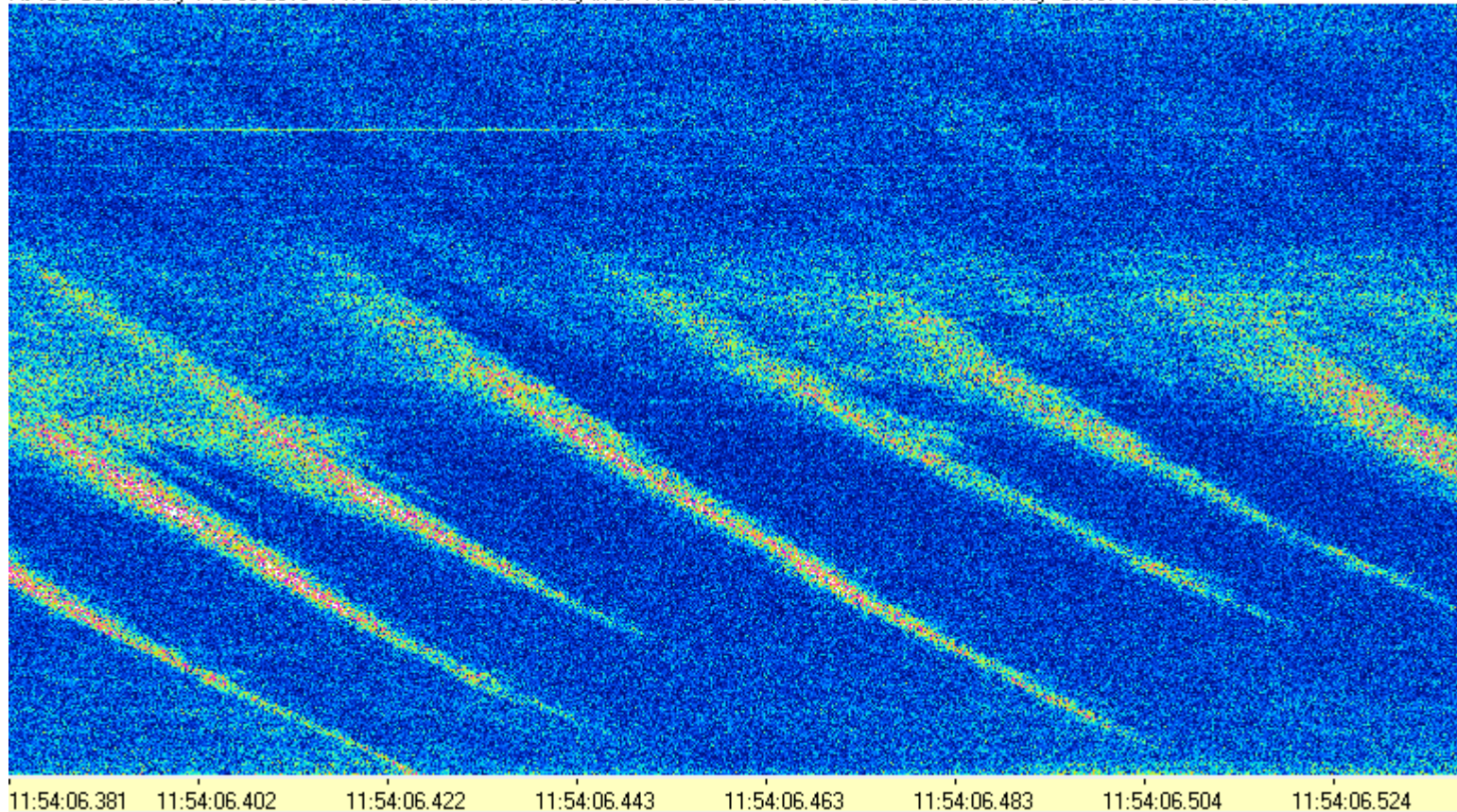


11:53:19 11:53:35 11:53:50 11:54:06 11:54:22 11:54:38 11:54:53 11:55:09

AJ4CO Observatory 14 Dec 2015 - DPS 30 kHz IF on TFD Array in CP Mode - LCP MC +13 dB Correction Array 2014 12 18 B.csv Offset 2090 Gain 5.0

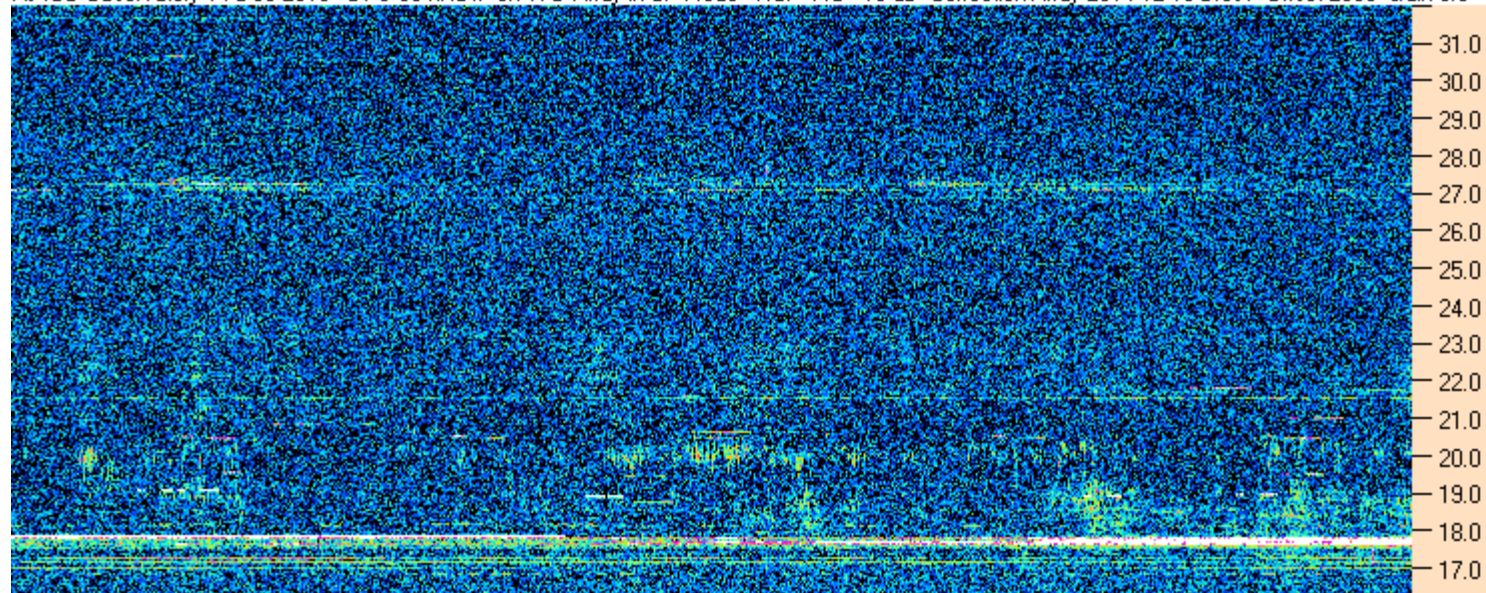


AJ4CO Observatory 14 Dec 2015 - TWB 2 MHz IF on TFD Array in CP Mode - LCP MC +13 dB No Correction Array Offset 1045 Gain 7.0



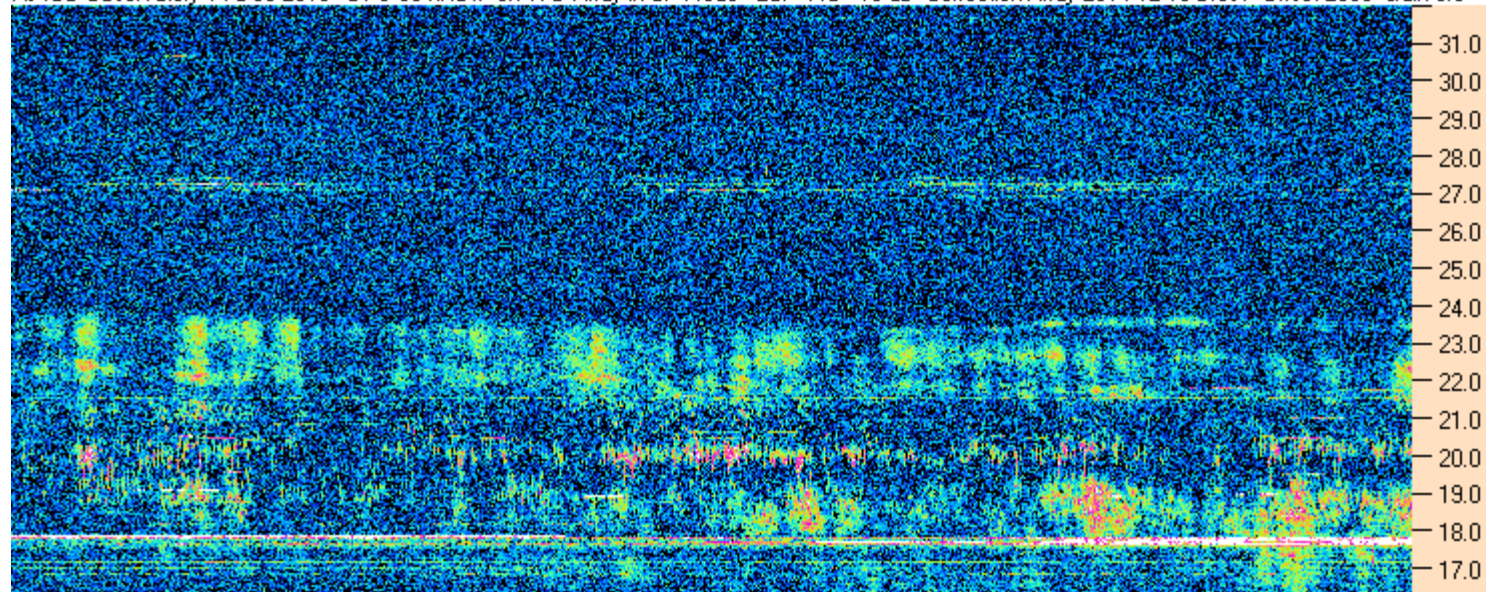
N event with S bursts and two fast drift shadow events

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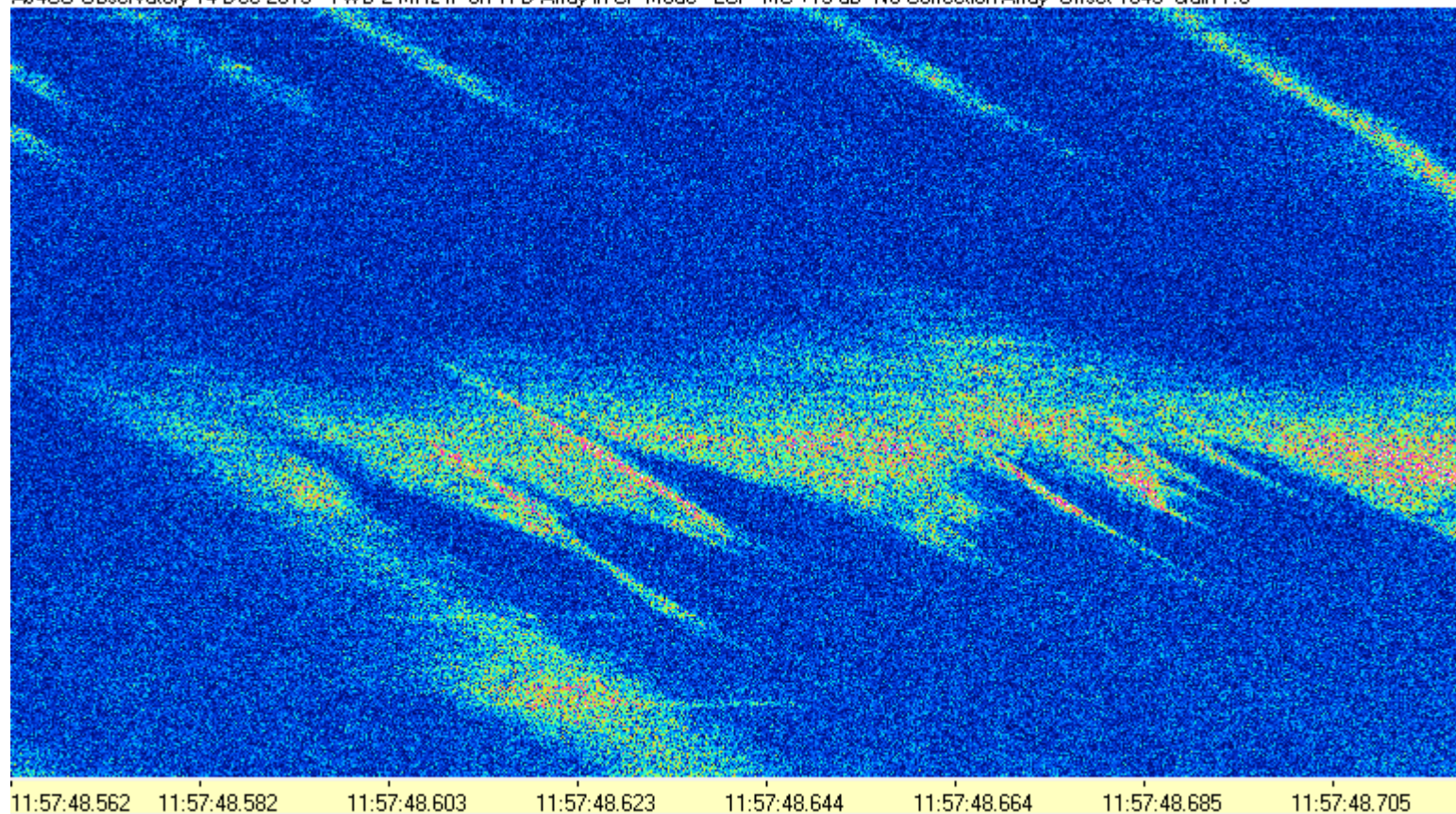


11:57:01 11:57:17 11:57:33 11:57:48 11:58:04 11:58:20 11:58:35 11:58:51

AJ4CO Observatory 14 Dec 2015 - DPS 30 kHz IF on TFD Array in CP Mode - LCP MC +13 dB Correction Array 2014 12 18 B.csv Offset 2090 Gain 5.0

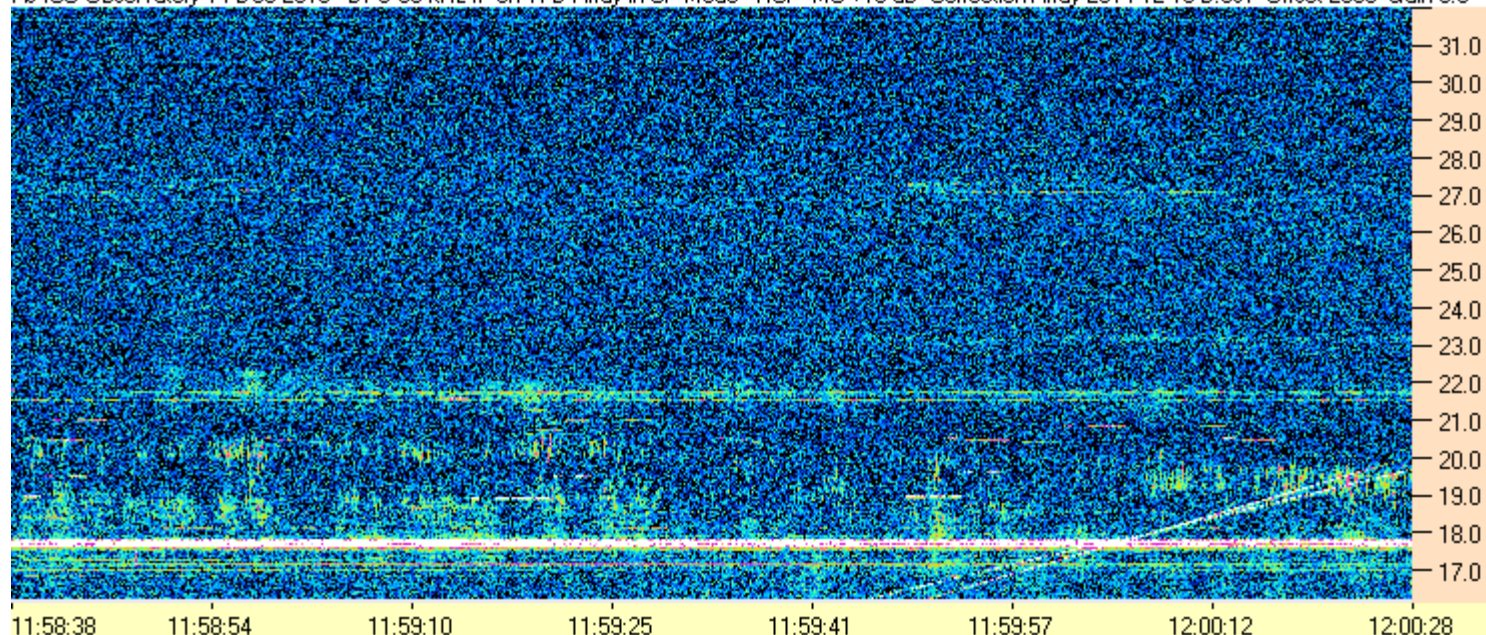


AJ4CO Observatory 14 Dec 2015 - TWB 2 MHz IF on TFD Array in CP Mode - LCP MC +13 dB No Correction Array Offset 1045 Gain 7.0

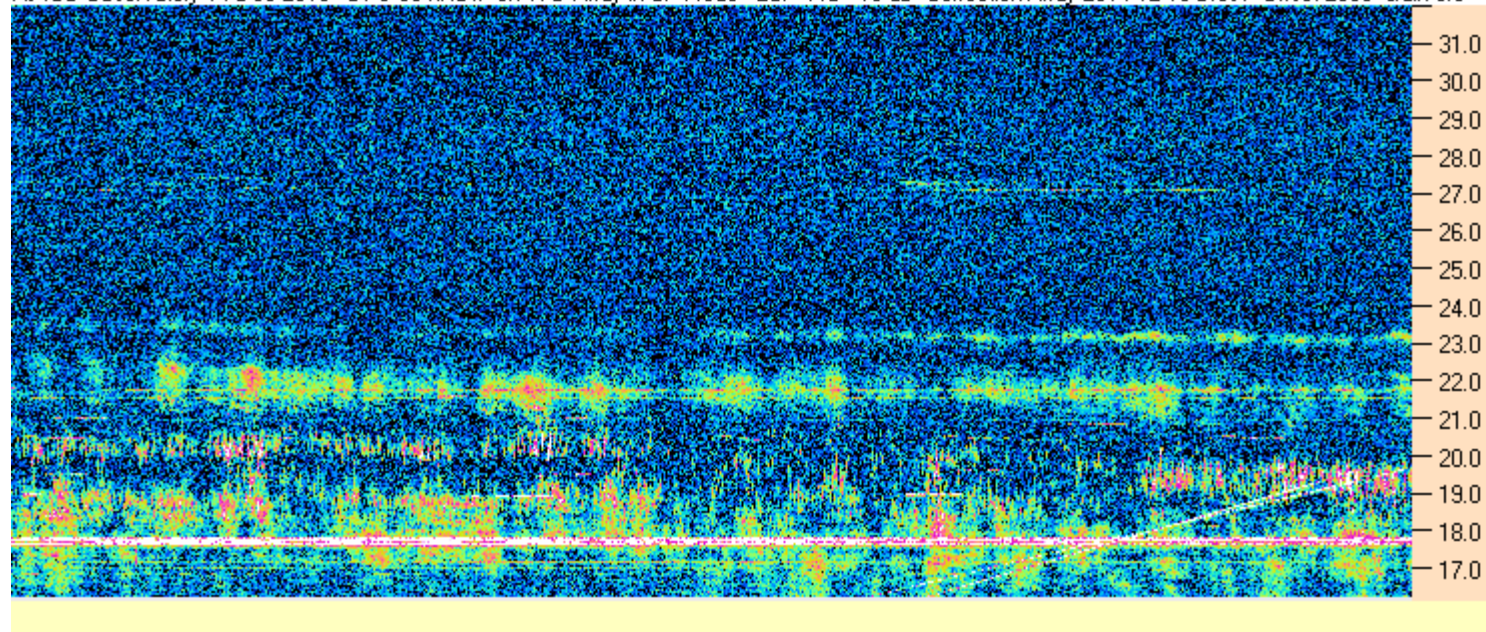


S bursts interrupting or quenching the narrow band emission

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AJ4CO Observatory 14 Dec 2015 - DPS 30 kHz IF on TFD Array in CP Mode - LCP MC +13 dB Correction Array 2014 12 18 B.csv Offset 2090 Gain 5.0



AJ4CO Observatory 14 Dec 2015 - TWB 2 MHz IF on TFD Array in CP Mode - LCP MC +13 dB No Correction Array Offset 1045 Gain 7.0

