Subject: [radiojove-data] 08 Dec 2015 Io-D high speed data
From: Dave Typinski <davetyp@typnet.net>
Date: 12/10/2015 01:52
To: RadioJove-Data <radiojove-data@lists.nasa.gov>

Here are a couple high speed spectrograms from the TWB receiver for Tuesday morning's Io-D, along with a regular-speed DPS spectrogram covering the same period. Each TWB spectrogram represents one pixel of width in the DPS spectrograms.

These show some very weak S-bursting with a drift rate of -17 MHz/sec. It's not visible at all in the DPS spectrogram.

Also shown is some of that lovely HF radar that ruined the LCP Jove receiver's strip chart (but this was at a lower frequency -- same type of stuff, though).

Note - the dates in the TWB spectrograms say Dec 7th, but they're really Dec 8th. Roll with it.
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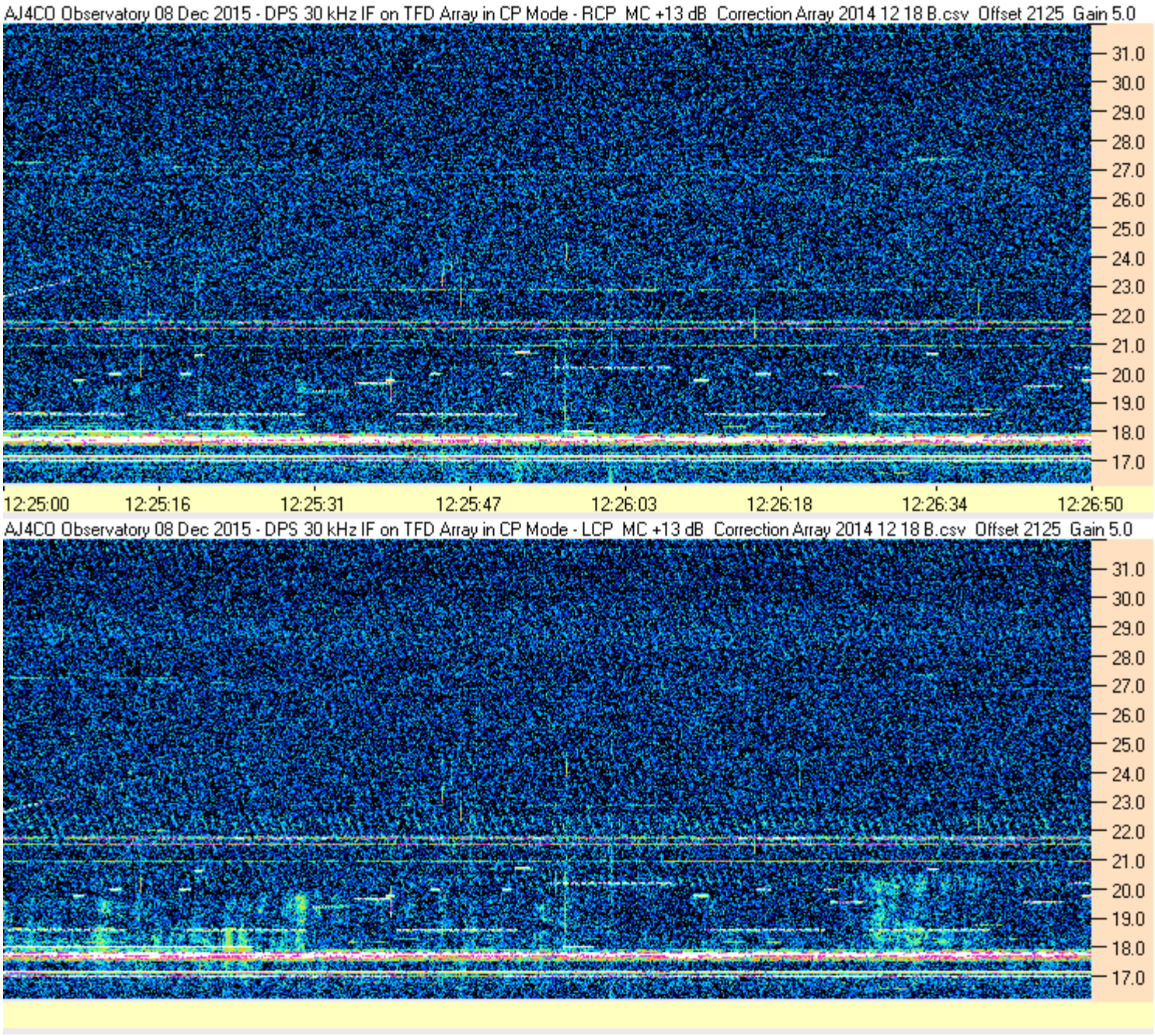
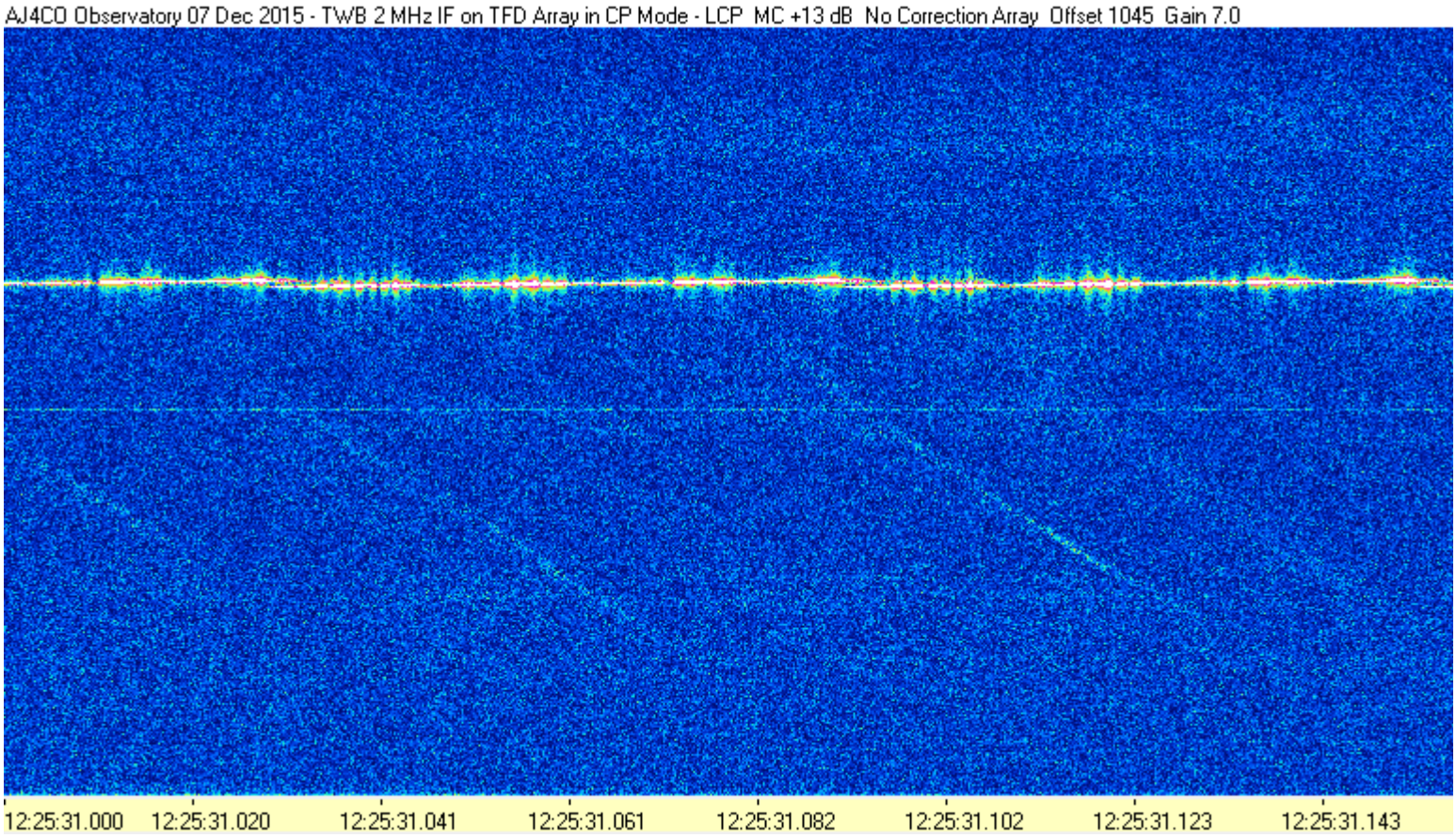
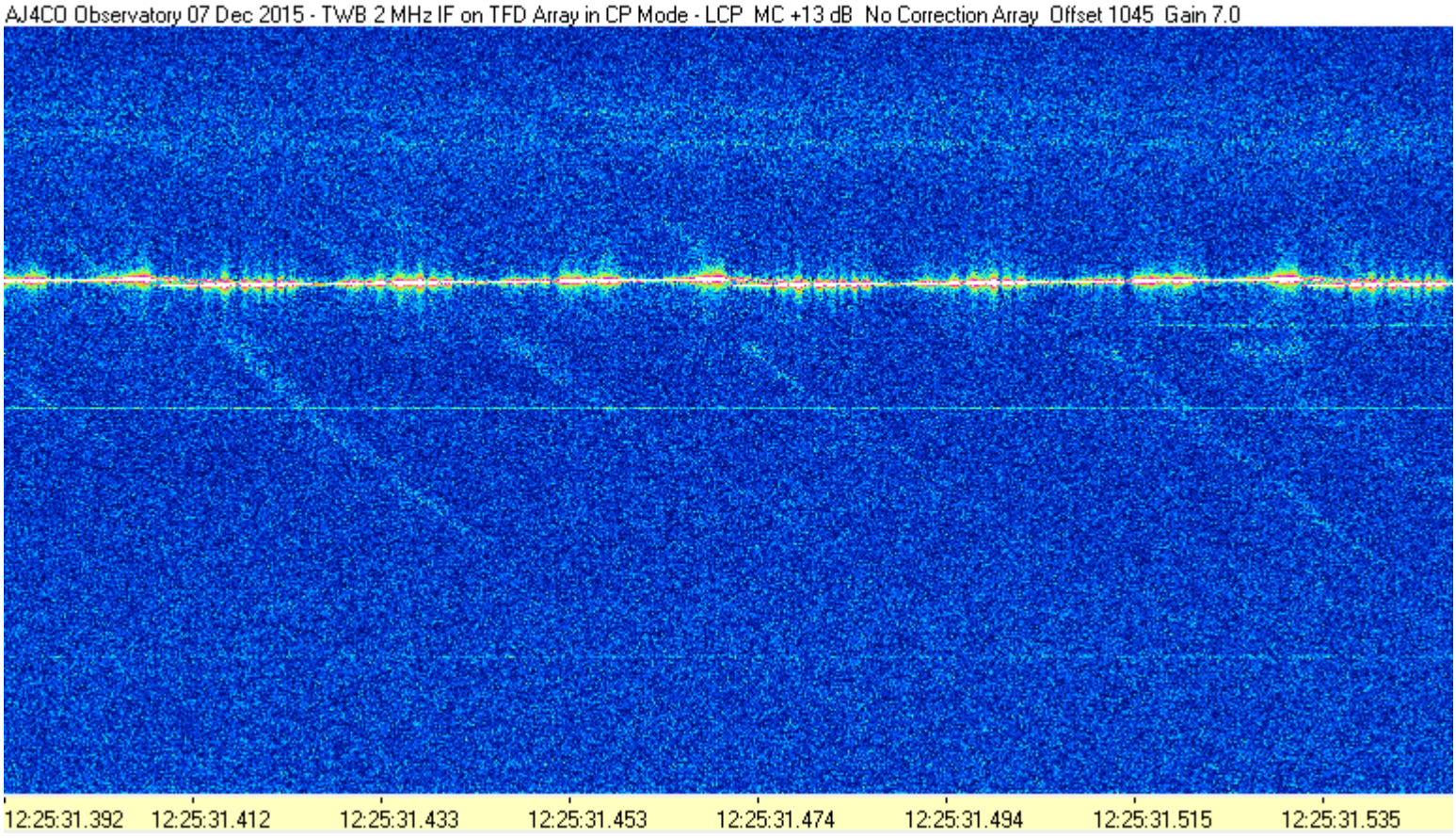
Dave

AJ4CO Observatory 08 Dec 2015, log entry 493


AJ4CO Observatory 08 Dec 2015 - DPS 30 kHz IF on TFD Array in CP Mode - RCP MC +13 dB Correction Array 2014 12 18 B.csv Offset 2125 Gain 5.0
31.0
30.0
29.0
28.0
27.0
26.0
25.0
24.0
23.0
22.0
21.0
20.0
19.0
18.0
17.0
12:25:00
12:25:16
12:25:31
12:25:47
12:26:03
12:26:18
12:26:34
12:26:50
AJ4CO Observatory 08 Dec 2015 - DPS 30 kHz IF on TFD Array in CP Mode - LCP MC +13 dB Correction Array 2014 12 18 B.csv Offset 2125 Gain 5.0
31.0
30.0
29.0
28.0
27.0
26.0
25.0
24.0
23.0
22.0
21.0
20.0
19.0
18.0
17.0


AJ4CO Observatory 07 Dec 2015 - TWB 2 MHz IF on TFD Array in CP Mode - LCP MC +13 dB No Correction Array Offset 1045 Gain 7.0
12:25:31.000
12:25:31.020
12:25:31.041
12:25:31.061
12:25:31.082
12:25:31.102
12:25:31.123
12:25:31.143


AJ4CO Observatory 07 Dec 2015 - TWB 2 MHz IF on TFD Array in CP Mode - LCP MC +13 dB No Correction Array Offset 1045 Gain 7.0
12:25:31.392
12:25:31.412
12:25:31.433
12:25:31.453
12:25:31.474
12:25:31.494
12:25:31.515
12:25:31.535