

Subject: [radiojove-data] 23 Jan 2014 Io-C

From: Dave Typinski <davetyp@typnet.net>

Date: 01/25/2014 01:40

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

Here's the Io-C from Thursday morning.

All LCP L bursting from 0150 to 0510 UTC, 16-19 MHz.

Record also shows the last hour's worth of RCP Io-A (see previous report).

Very interesting modulation lane configuration causing the emission to look like leopard spots.

It turned fairly cold (25-30 °F) at night, which caused some moderate line noise.

Jupiter was kept within 15° off axis.

Beam steering:

0130 5S 30E

0250 5S 15E

0350 5S 0EW

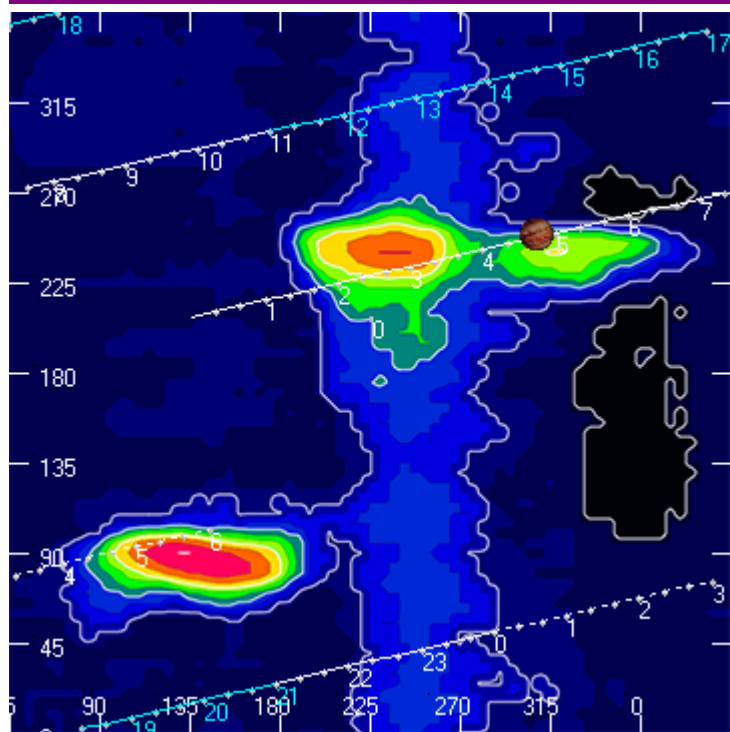
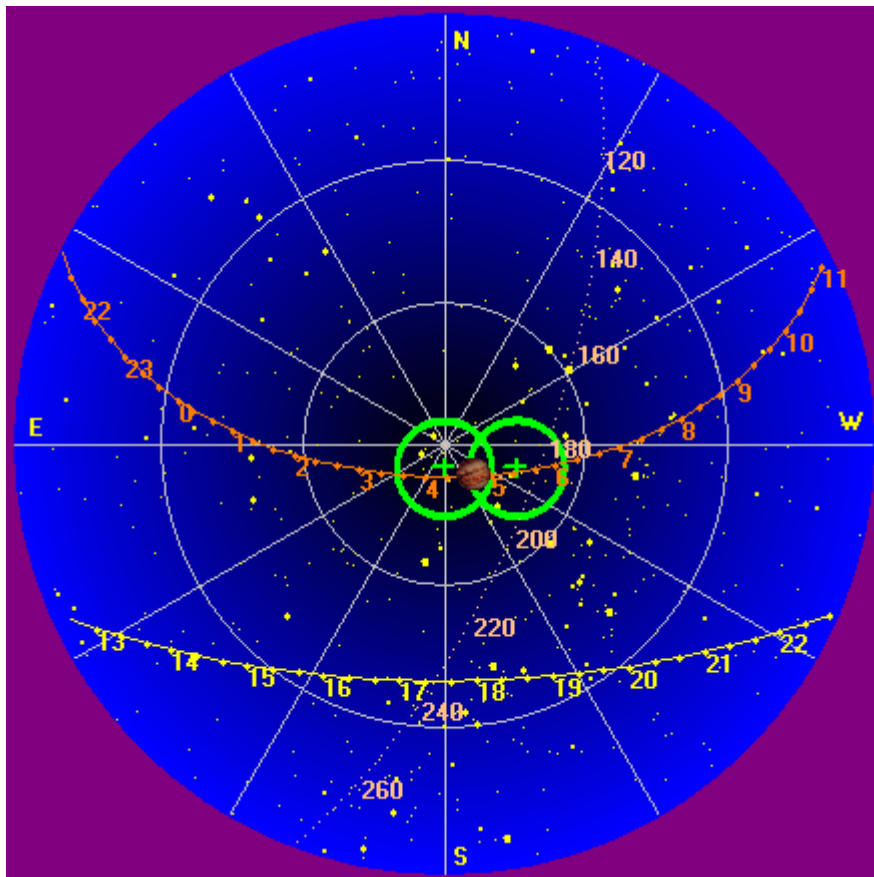
0500 5S 15W

Jupiter was trailing the Sun by 160°.

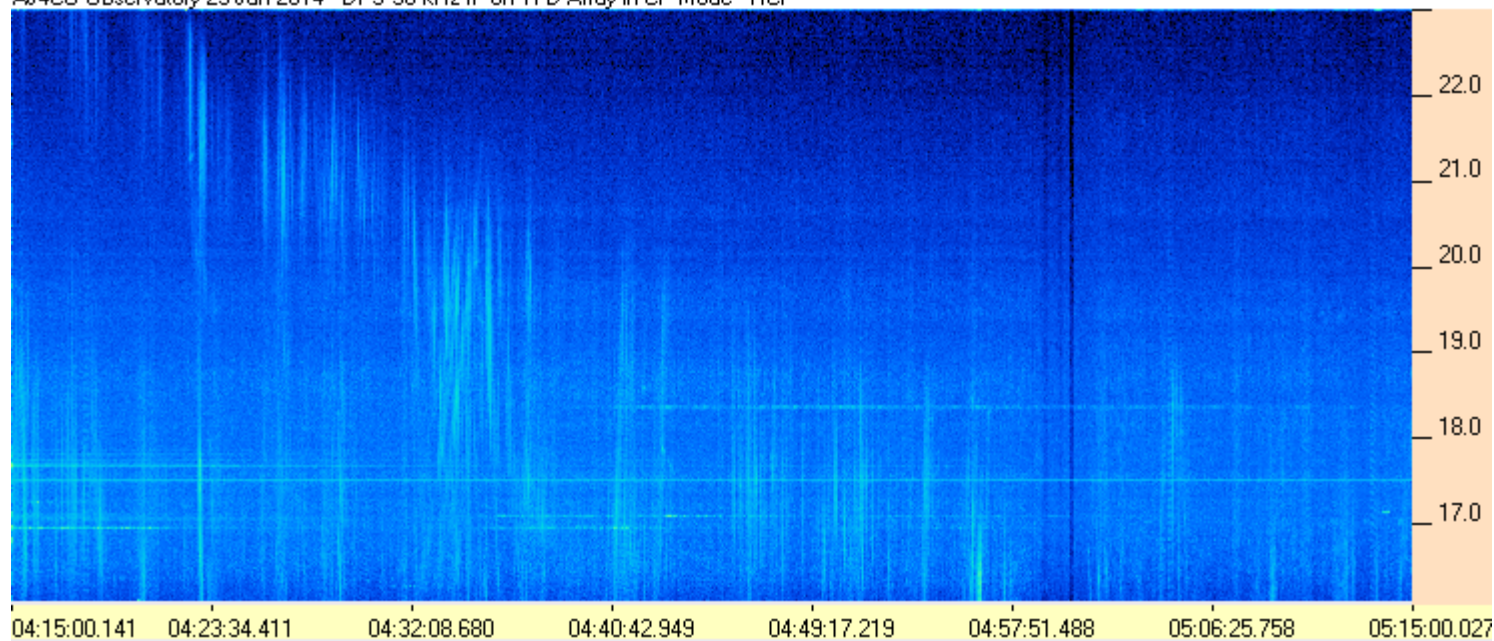
--

Dave

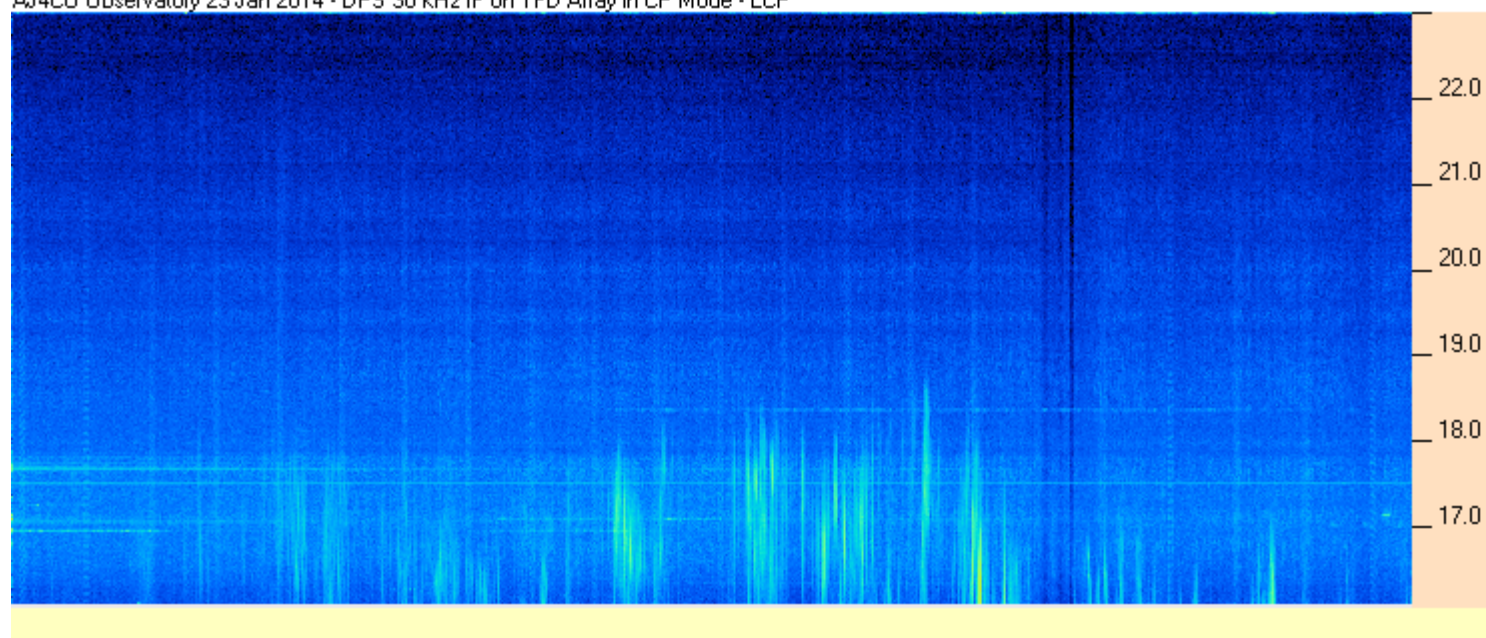
AJ4CO Observatory, 23 Jan 2014



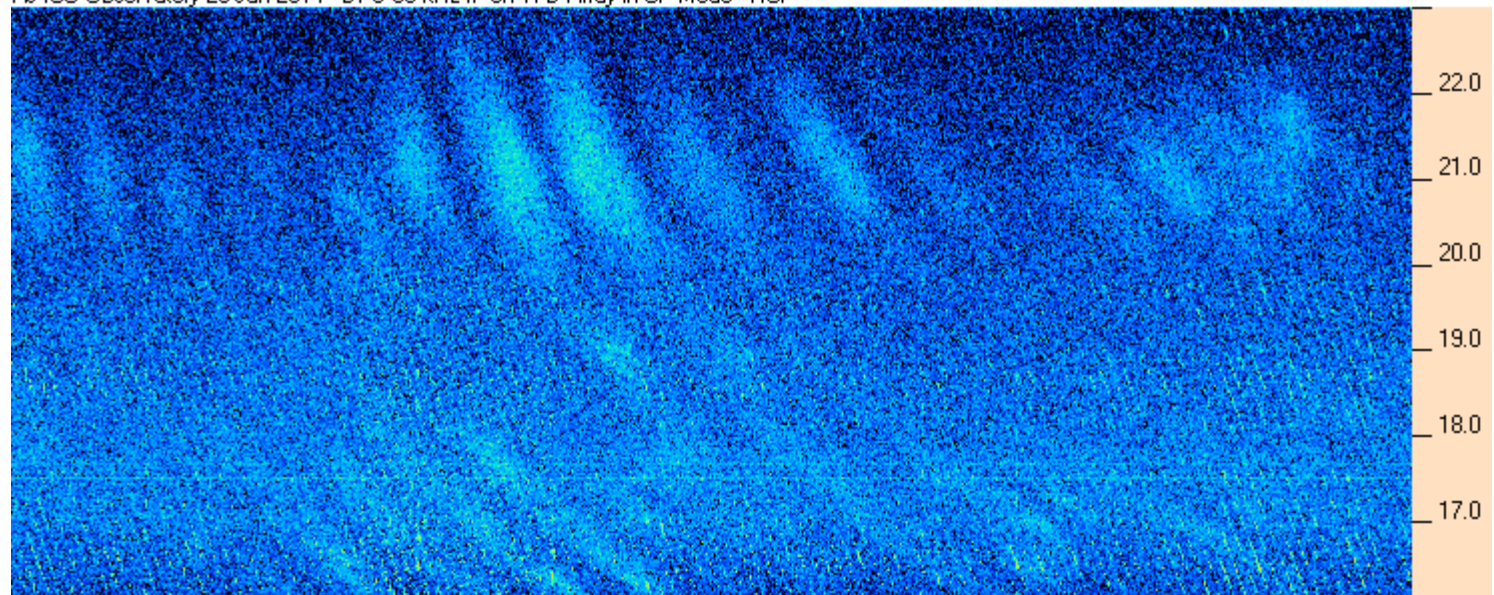
AJ4CO Observatory 23 Jan 2014 - DPS 30 kHz IF on TFD Array in CP Mode - RCP



AJ4CO Observatory 23 Jan 2014 - DPS 30 kHz IF on TFD Array in CP Mode - LCP

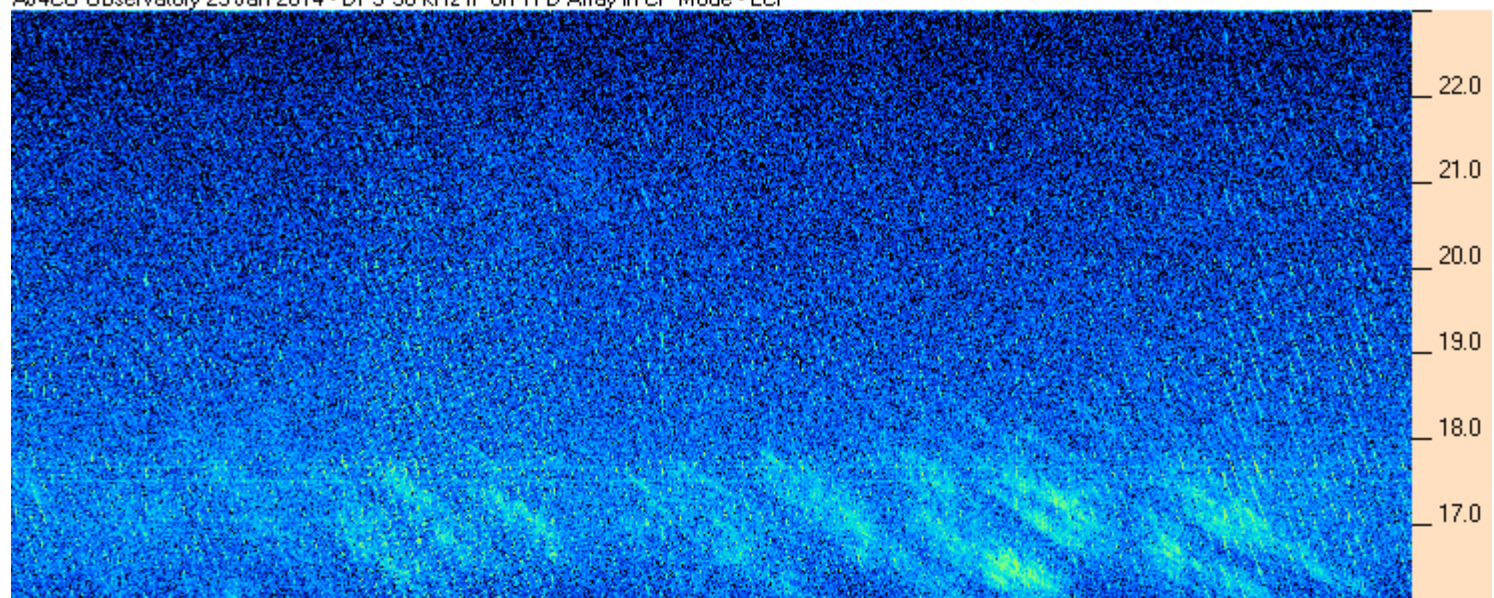


AJ4CO Observatory 23 Jan 2014 - DPS 30 kHz IF on TFD Array in CP Mode - RCP



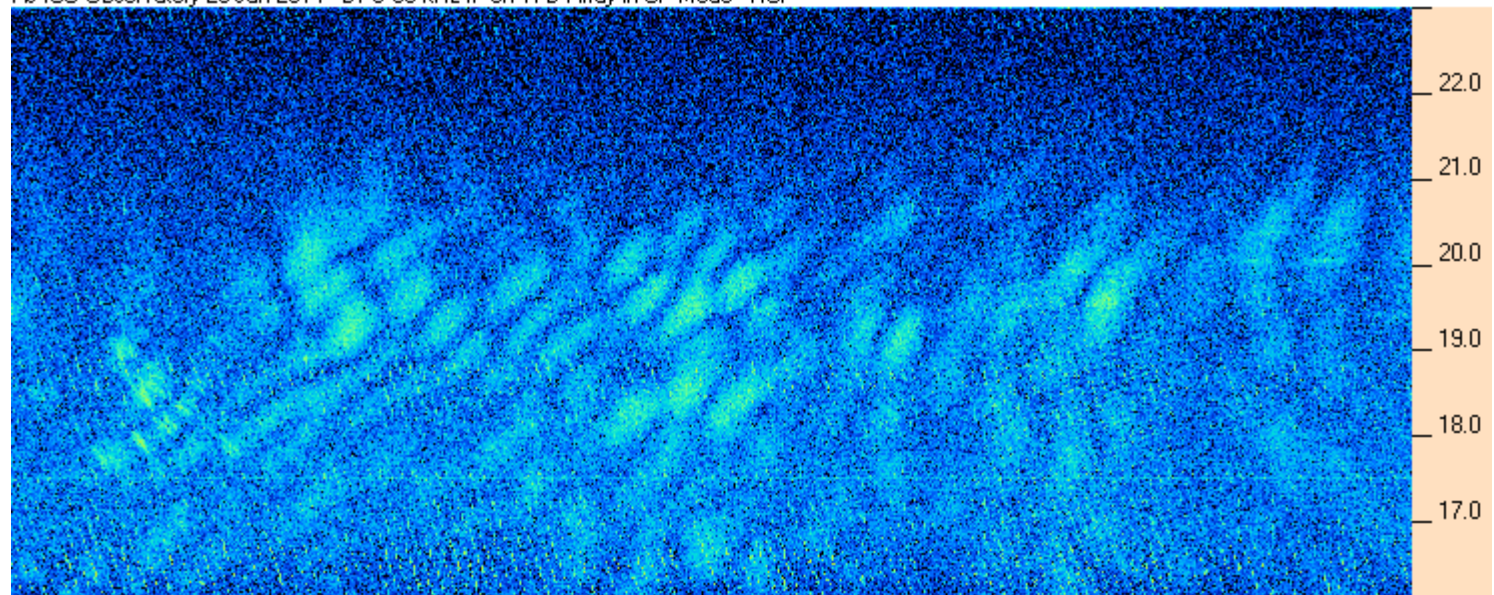
04:25:49.815 04:26:05.508 04:26:21.201 04:26:36.893 04:26:52.586 04:27:08.279 04:27:23.971 04:27:39.664

AJ4CO Observatory 23 Jan 2014 - DPS 30 kHz IF on TFD Array in CP Mode - LCP



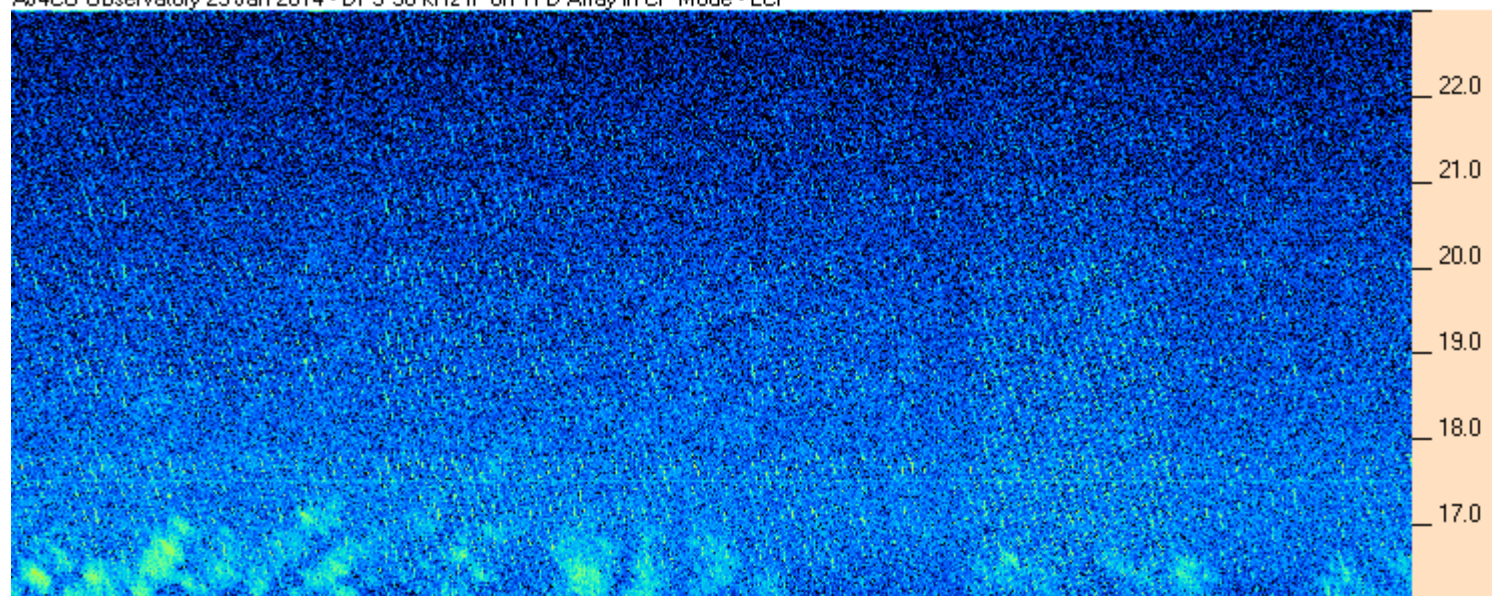
04:25:49.815 04:26:05.508 04:26:21.201 04:26:36.893 04:26:52.586 04:27:08.279 04:27:23.971 04:27:39.664

AJ4CO Observatory 23 Jan 2014 - DPS 30 kHz IF on TFD Array in CP Mode - RCP



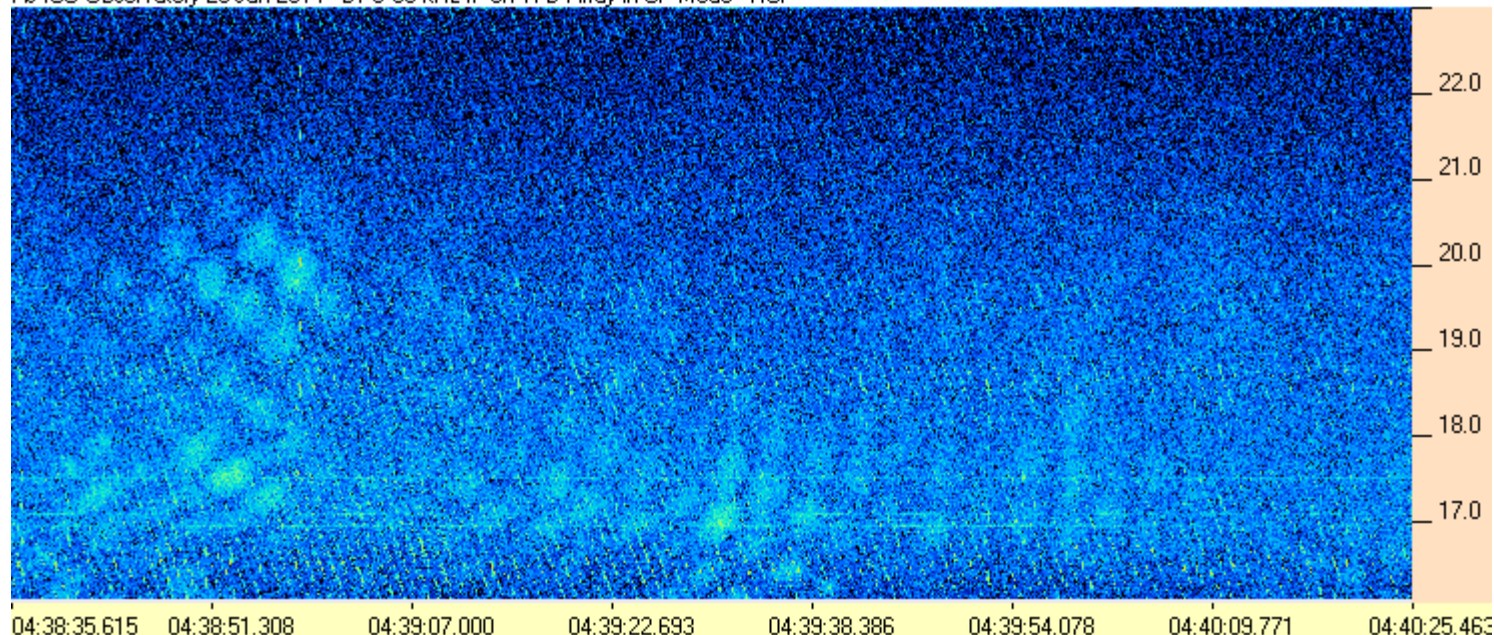
04:34:55.918 04:35:11.611 04:35:27.304 04:35:42.996 04:35:58.689 04:36:14.382 04:36:30.074 04:36:45.767

AJ4CO Observatory 23 Jan 2014 - DPS 30 kHz IF on TFD Array in CP Mode - LCP

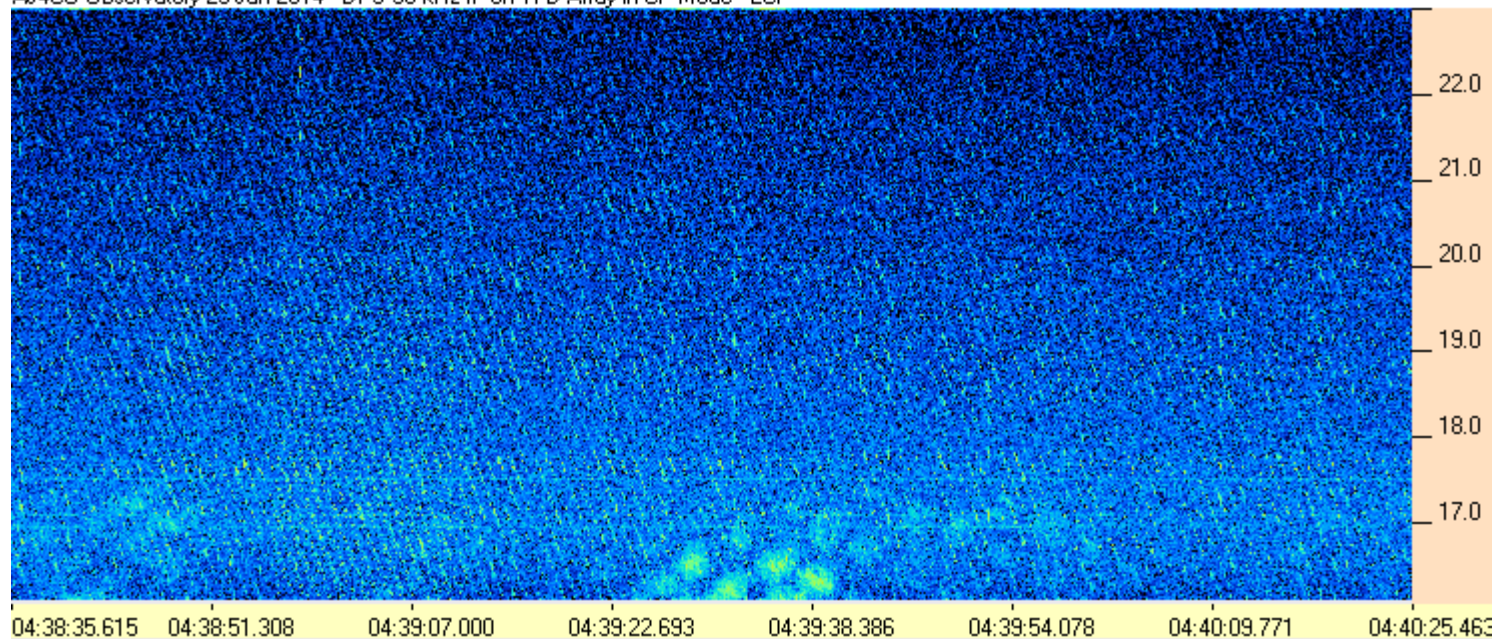


04:34:55.918 04:35:11.611 04:35:27.304 04:35:42.996 04:35:58.689 04:36:14.382 04:36:30.074 04:36:45.767

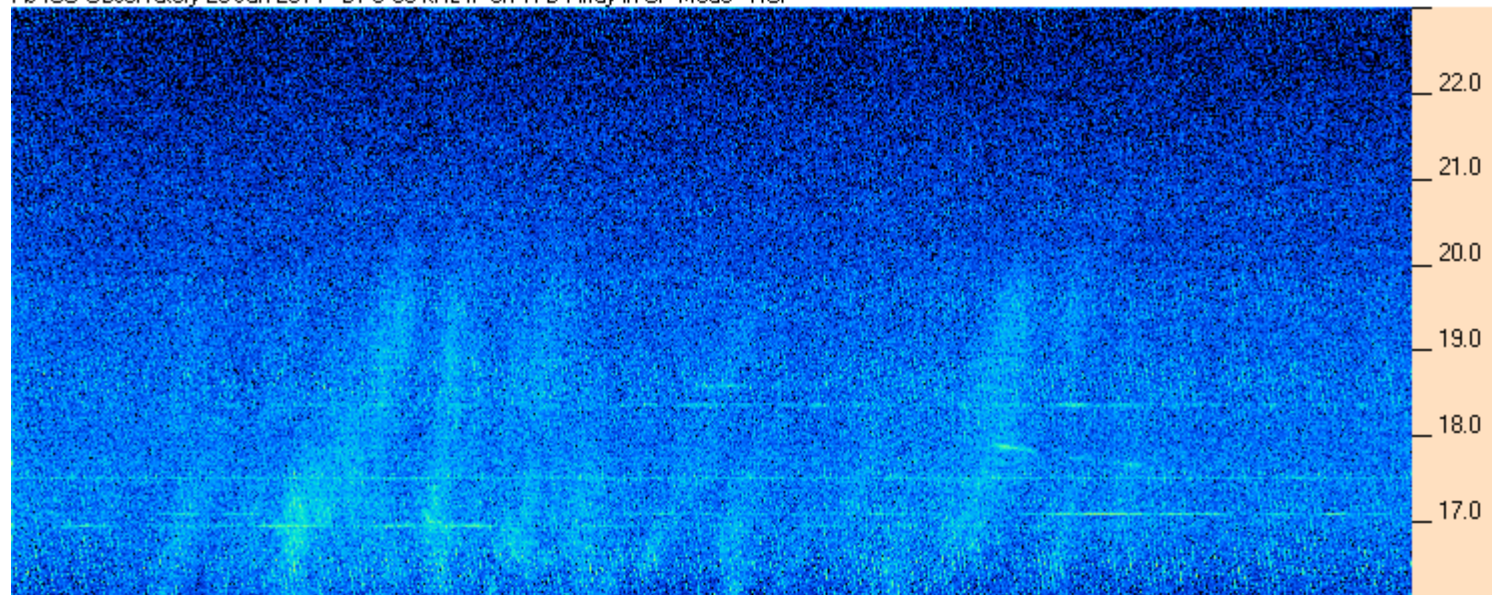
AJ4CO Observatory 23 Jan 2014 - DPS 30 kHz IF on TFD Array in CP Mode - RCP



AJ4CO Observatory 23 Jan 2014 - DPS 30 kHz IF on TFD Array in CP Mode - LCP

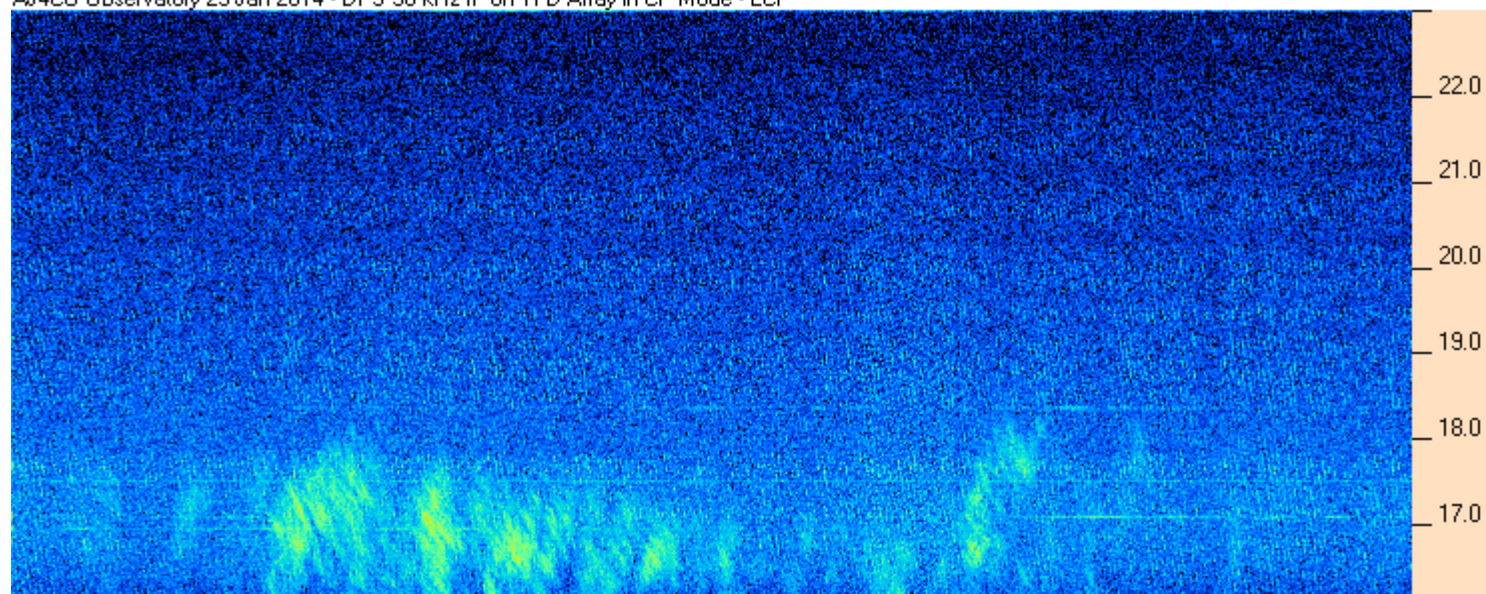


AJ4CO Observatory 23 Jan 2014 - DPS 30 kHz IF on TFD Array in CP Mode - RCP

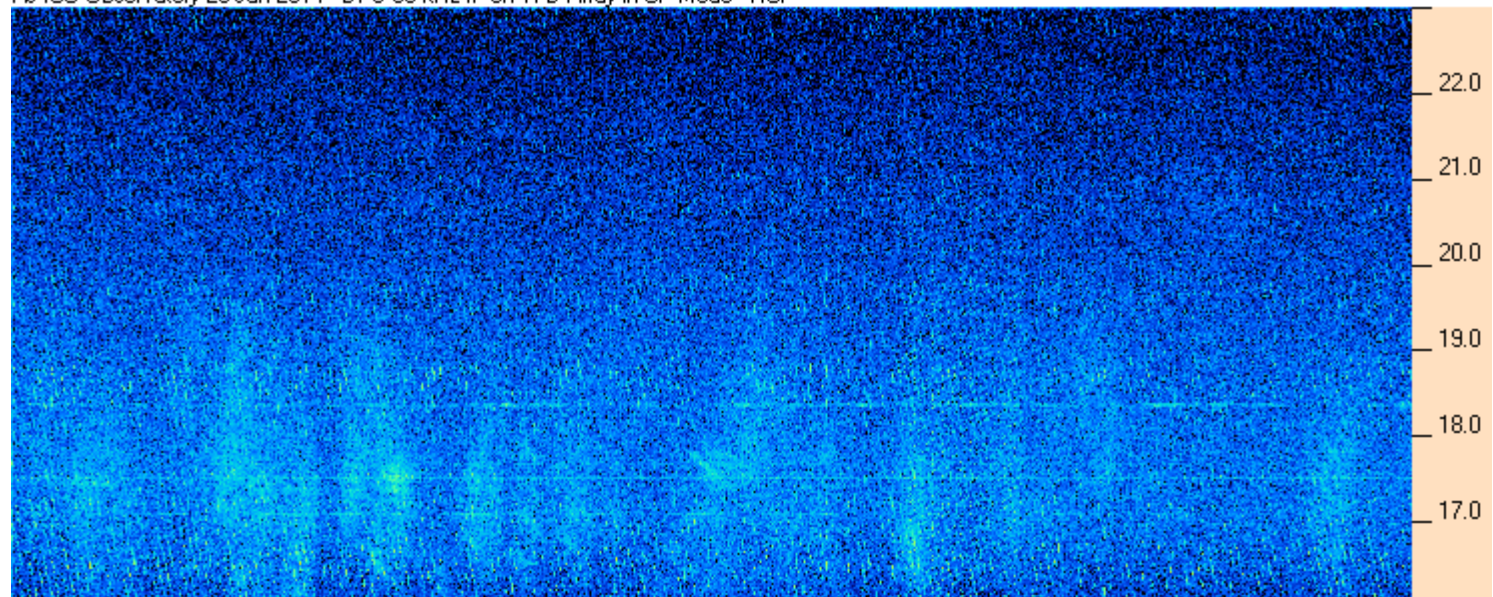


04:40:00.041 04:40:34.341 04:41:08.641 04:41:42.940 04:42:17.240 04:42:51.539 04:43:25.839 04:44:00.136

AJ4CO Observatory 23 Jan 2014 - DPS 30 kHz IF on TFD Array in CP Mode - LCP

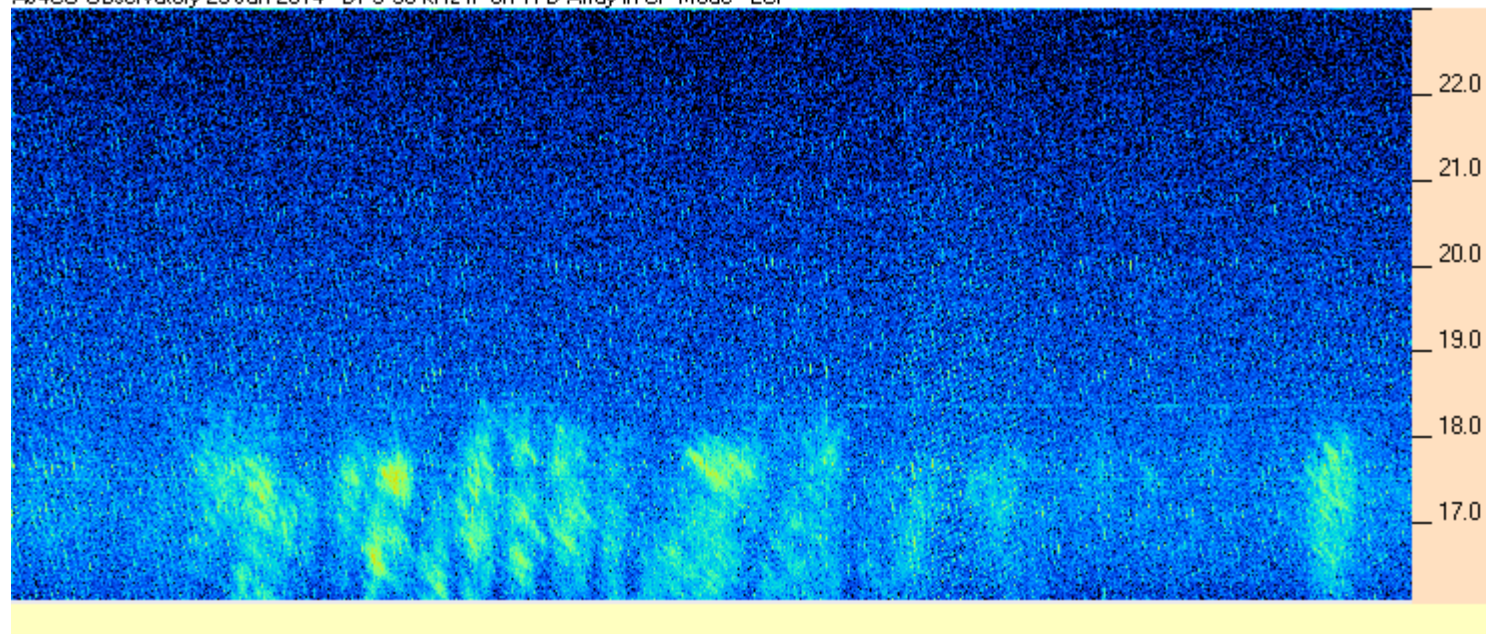


AJ4CO Observatory 23 Jan 2014 - DPS 30 kHz IF on TFD Array in CP Mode - RCP

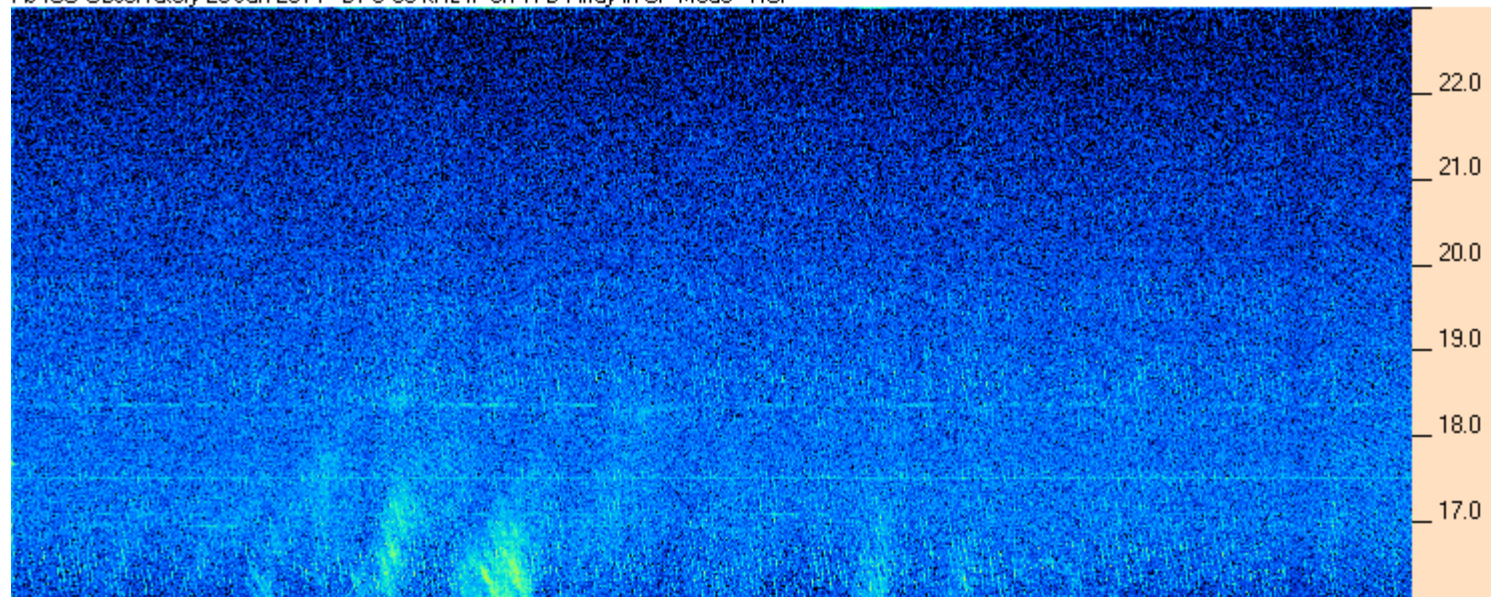


04:46:00.030 04:46:25.743 04:46:51.457 04:47:17.170 04:47:42.884 04:48:08.597 04:48:34.311 04:49:00.024

AJ4CO Observatory 23 Jan 2014 - DPS 30 kHz IF on TFD Array in CP Mode - LCP



AJ4CO Observatory 23 Jan 2014 - DPS 30 kHz IF on TFD Array in CP Mode - RCP



04:55:00.013 04:55:34.312 04:56:08.612 04:56:42.912 04:57:17.211 04:57:51.511 04:58:25.810 04:59:00.110

AJ4CO Observatory 23 Jan 2014 - DPS 30 kHz IF on TFD Array in CP Mode - LCP

