

Subject: [radiojove-data] 16 Dec 2013 Io-B

From: Dave Typinski <davetyp@typnet.net>

Date: 12/17/2013 23:18

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

Adding to Tom and Jim and Wes's reports, here's Monday morning's Io-B. Observed emission RCP from 17 to 33 MHz. Lots of L bursting with scintillation. Very prominent modulation lanes, at times with simultaneously positive and negative drift rates. Lanes with positive drift rates also exhibited positive curvature.

There was also a weak non-Io-B chaser at around 0930 UTC. 17 to 21 MHz, rather weak.

As with the prior day's Io-A, the TFD is showing what looks like Faraday banding, which might be an artifact of beam steering.

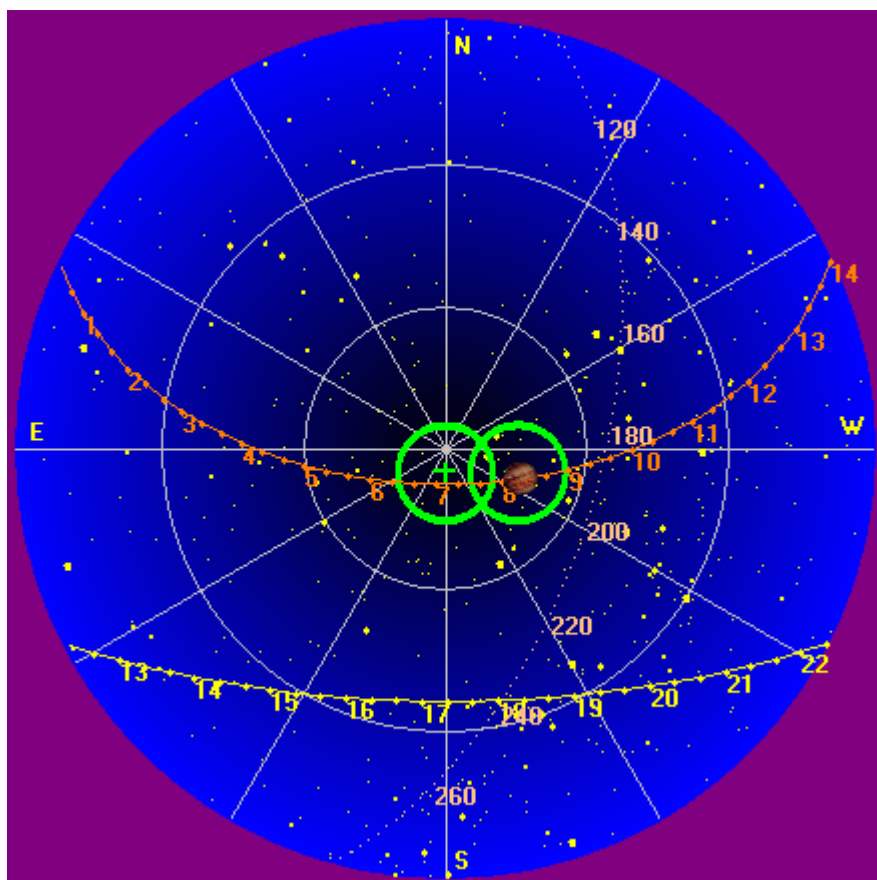
Jupiter was off axis $\leq 5^\circ$.

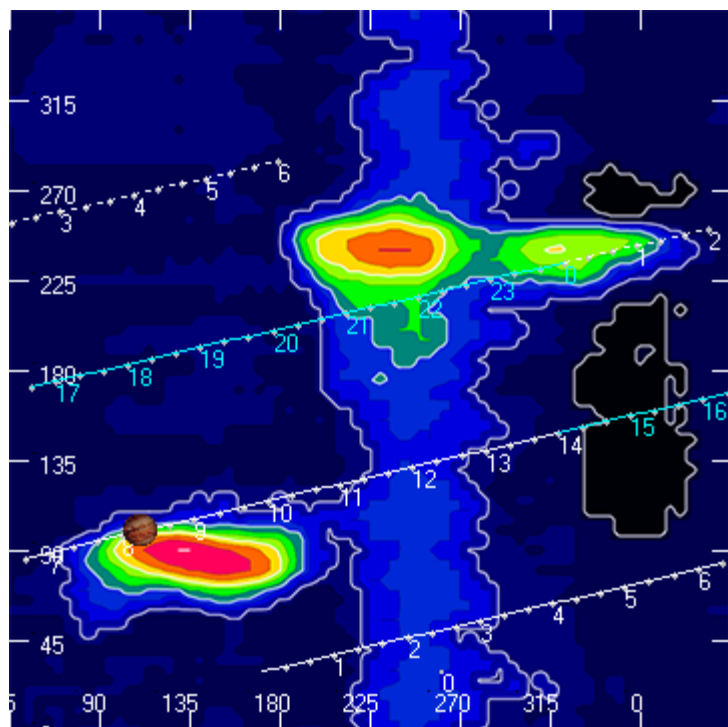
Jupiter was leading the Sun by 157° .

--

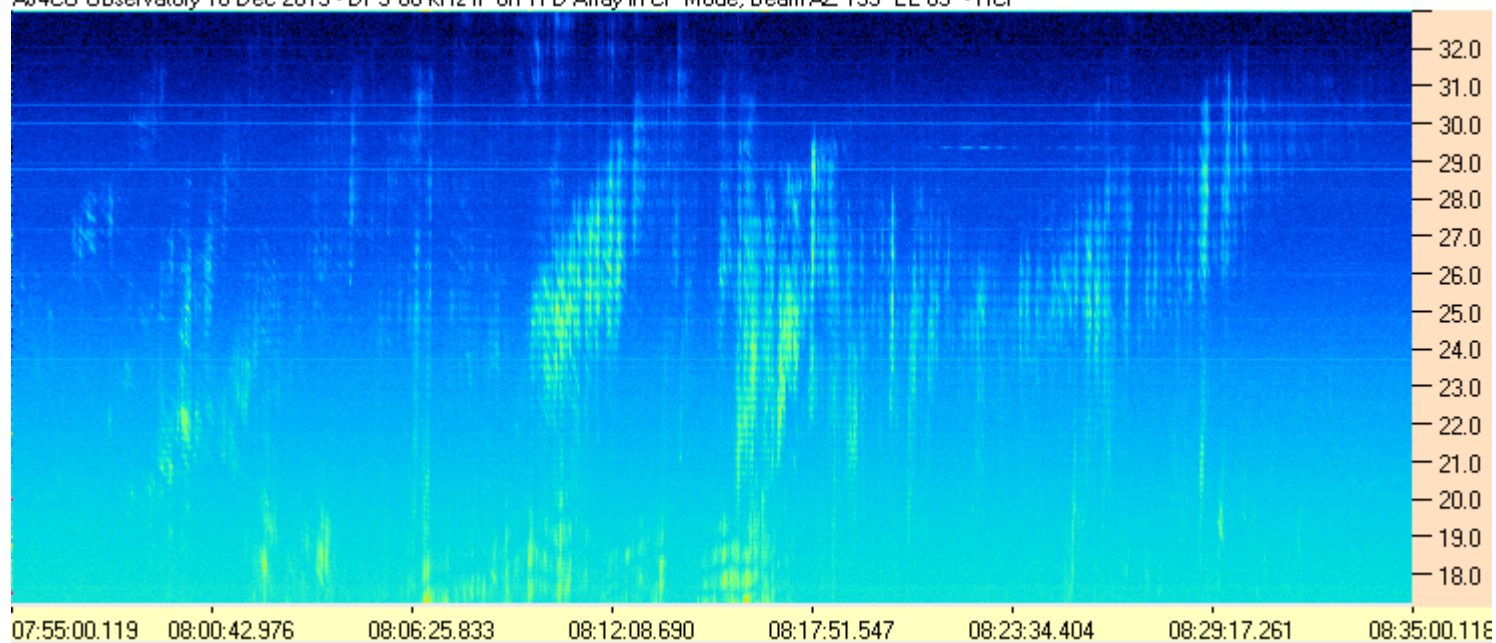
Dave

AJ4CO Observatory, 16 Dec 2013

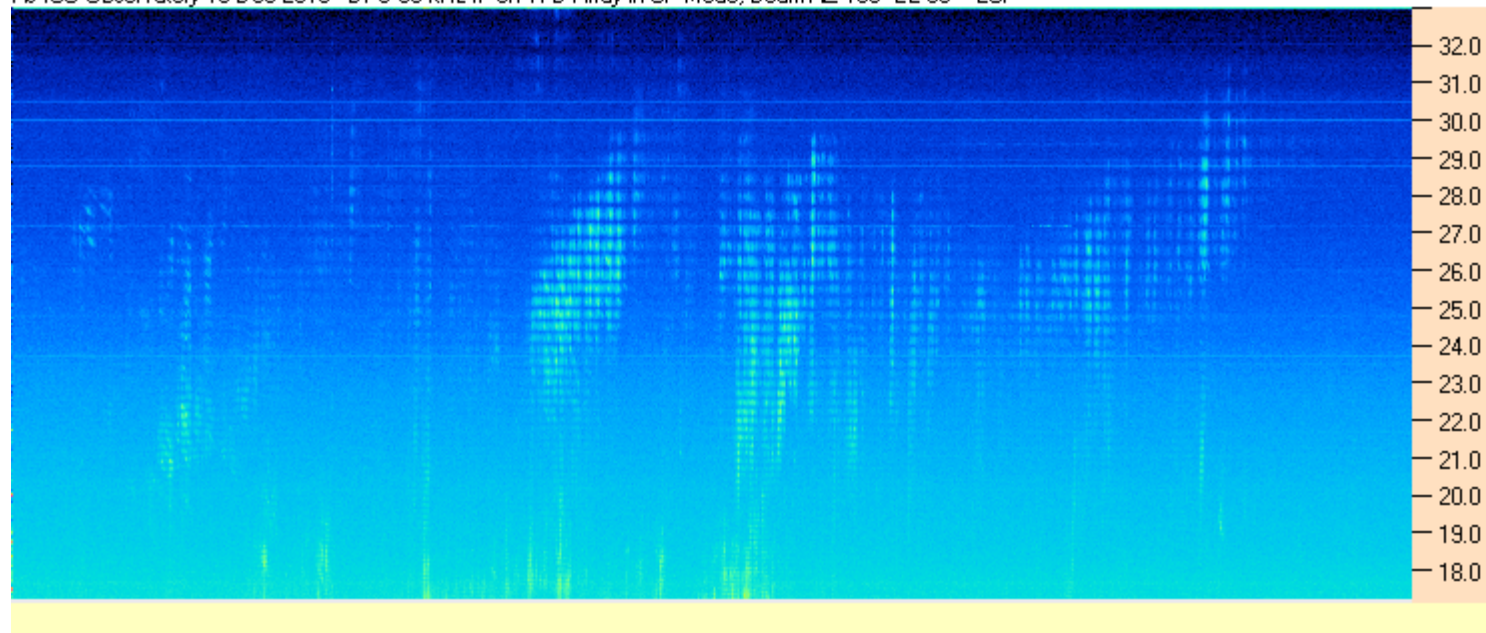




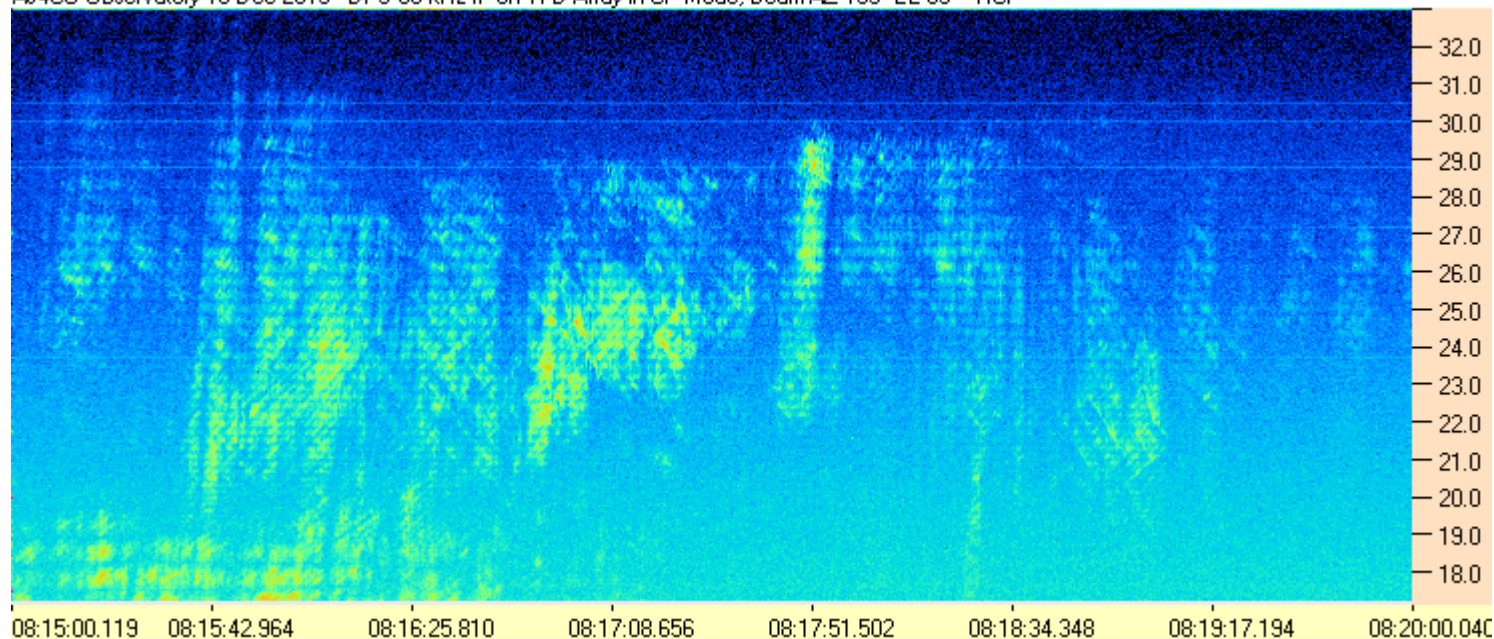
AJ4CO Observatory 16 Dec 2013 - DPS 60 kHz IF on TFD Array in CP Mode, Beam AZ 195° EL 85° - RCP



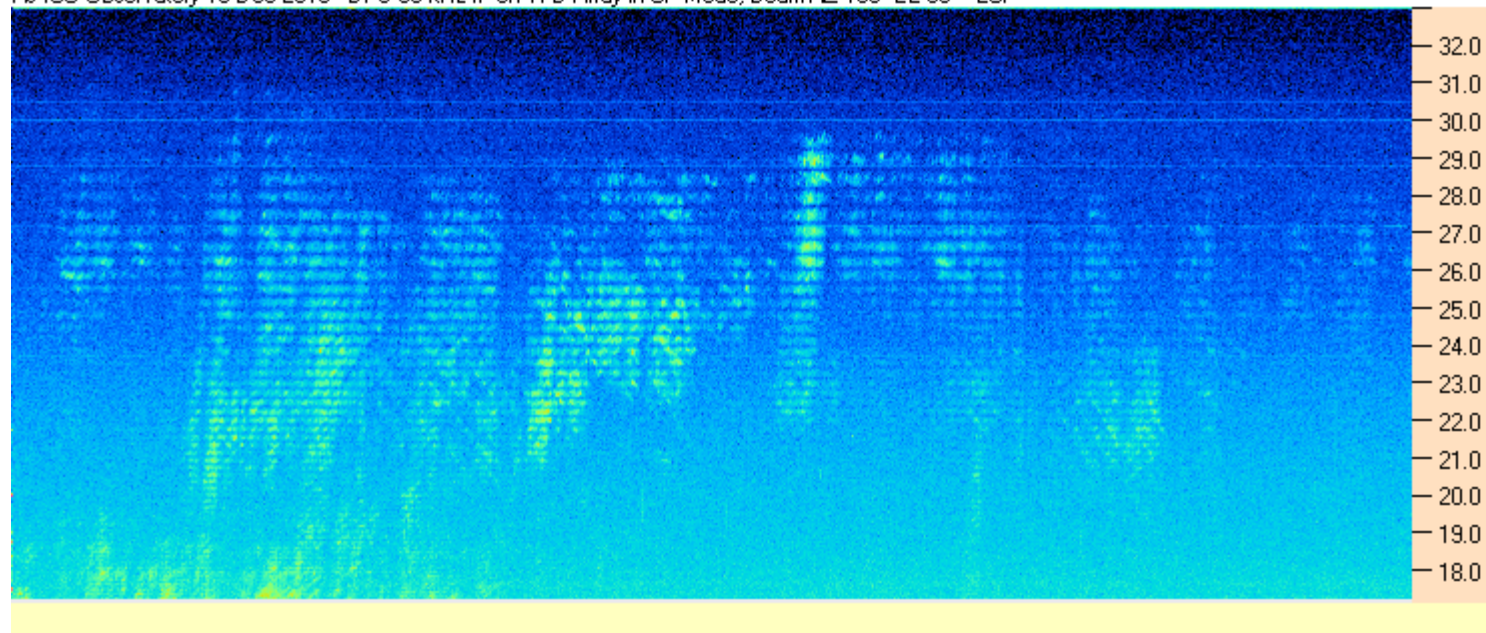
AJ4CO Observatory 16 Dec 2013 - DPS 60 kHz IF on TFD Array in CP Mode, Beam AZ 195° EL 85° - LCP



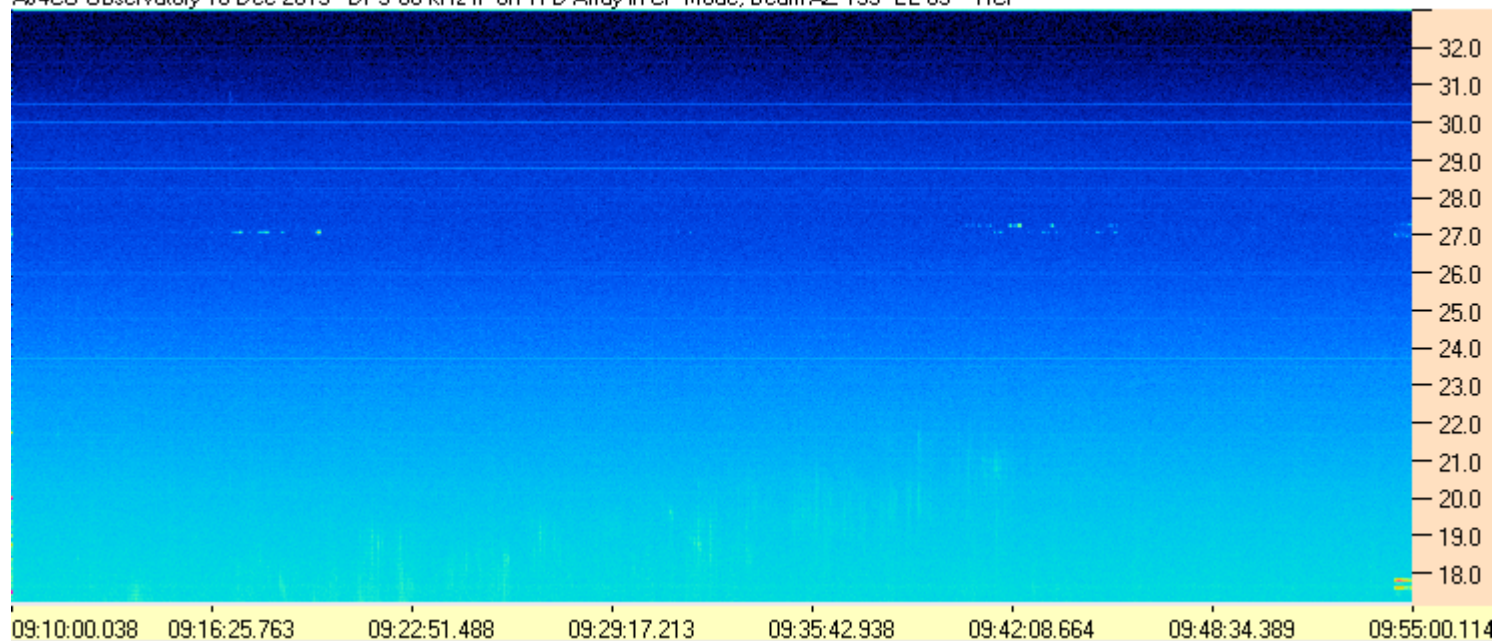
AJ4CO Observatory 16 Dec 2013 - DPS 60 kHz IF on TFD Array in CP Mode, Beam AZ 195° EL 85° - RCP



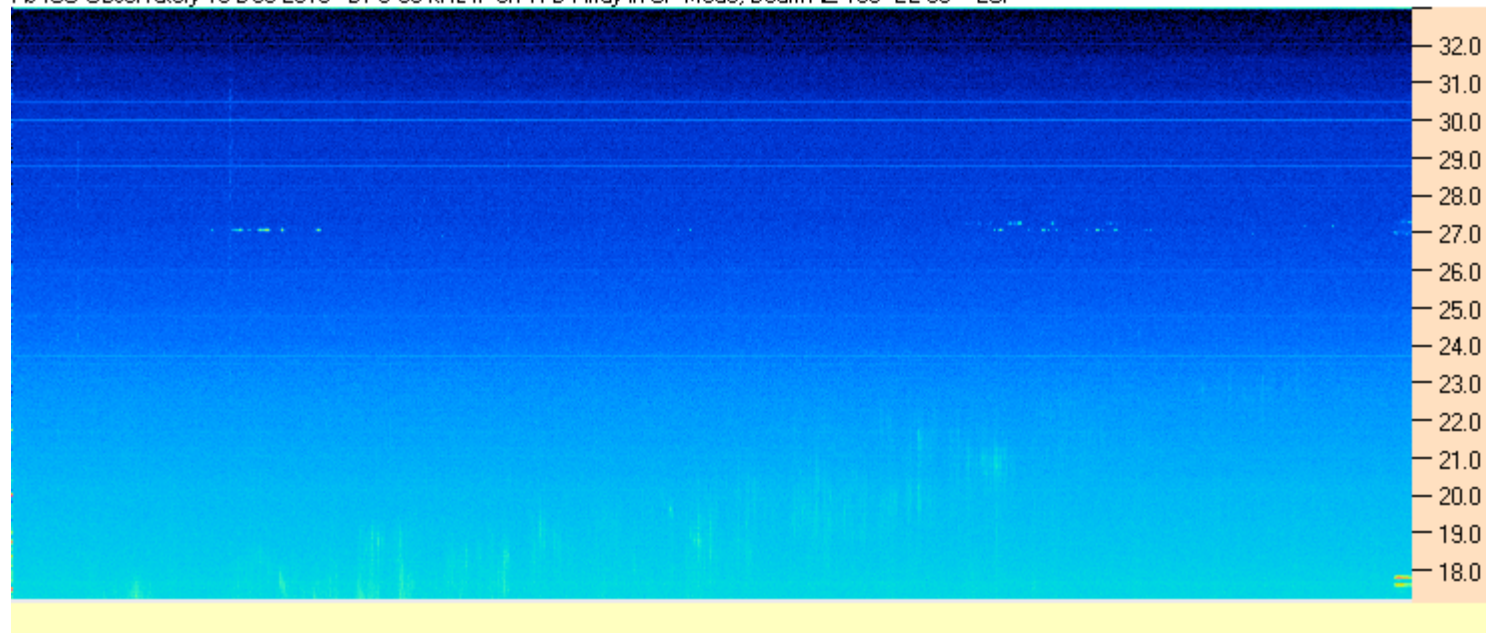
AJ4CO Observatory 16 Dec 2013 - DPS 60 kHz IF on TFD Array in CP Mode, Beam AZ 195° EL 85° - LCP



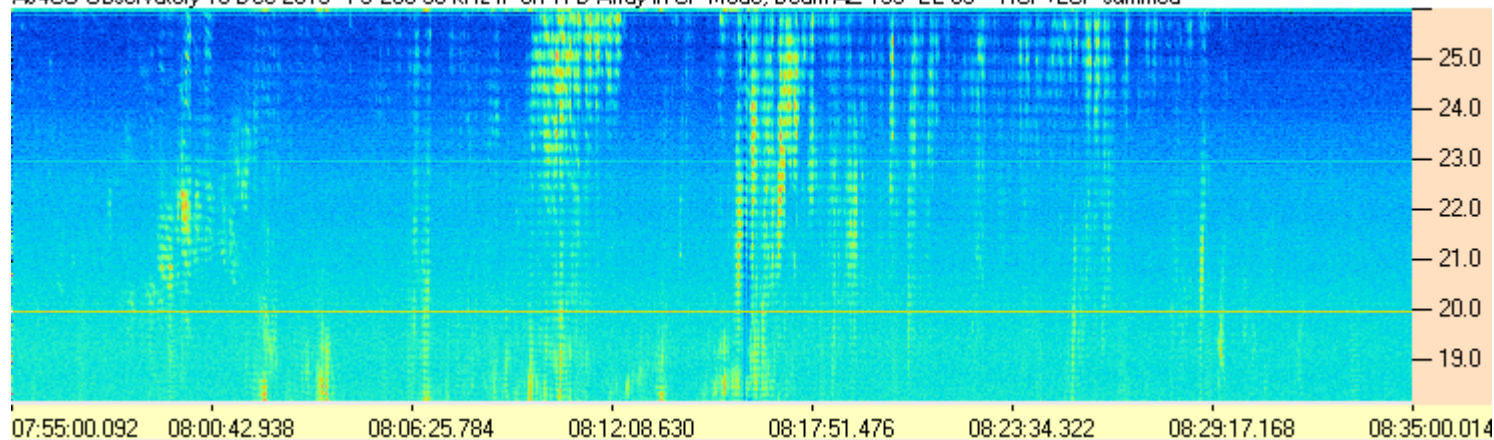
AJ4CO Observatory 16 Dec 2013 - DPS 60 kHz IF on TFD Array in CP Mode, Beam AZ 195° EL 85° - RCP



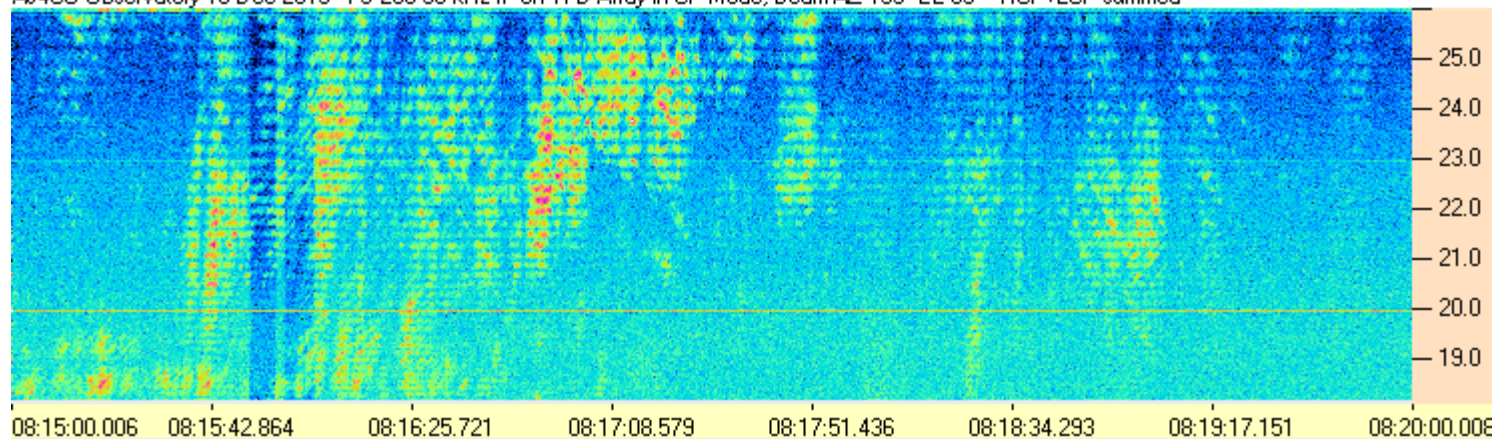
AJ4CO Observatory 16 Dec 2013 - DPS 60 kHz IF on TFD Array in CP Mode, Beam AZ 195° EL 85° - LCP



AJ4CO Observatory 16 Dec 2013 - FS-200 30 kHz IF on TFD Array in CP Mode, Beam AZ 195° EL 85° - RCP+LCP summed



AJ4CO Observatory 16 Dec 2013 - FS-200 30 kHz IF on TFD Array in CP Mode, Beam AZ 195° EL 85° - RCP+LCP summed



AJ4CO Observatory 16 Dec 2013 - FS-200 30 kHz IF on TFD Array in CP Mode, Beam AZ 195° EL 85° - RCP+LCP summed

