

Subject: [radiojove-data] 17 Feb 2016 Io-B/D, non-Io-A
From: Dave Typinski <davetyp@typnet.net>
Date: 02/20/2016 12:10
To: RadioJove-Data <radiojove-data@lists.nasa.gov>

Adding to Wes & Jim & Tom & John & Nathan's nice reports, here's some Io-B/D and non-Io-A from Wednesday morning.

RCP dominant L bursting 0425-0714 UTC from 16 to 27 MHz, vertex early arcs (Io-B).

RCP dominant S bursting 0427-0437 UTC from 19 to 23 MHz, zero drift emission envelope (Io-B).

LCP dominant narrow band S burst trains 0529-0557 UTC from 18 to 21 MHz, positive drift emission envelopes (first Io-D arc).

LCP dominant L bursting 0708-0807 UTC from 16 to 21 MHz, positive drift emission envelope (second Io-D arc).

RCP dominant L bursting 0649-0819 UTC from 16 to 26 MHz, negative drift emission envelope (non-Io-A).

It is known that Io-D sometimes produces two arcs in series; in this case the conditions were such that the second arc (the LCP L bursting) was easier to observe than the first arc (the LCP narrow band S burst trains).

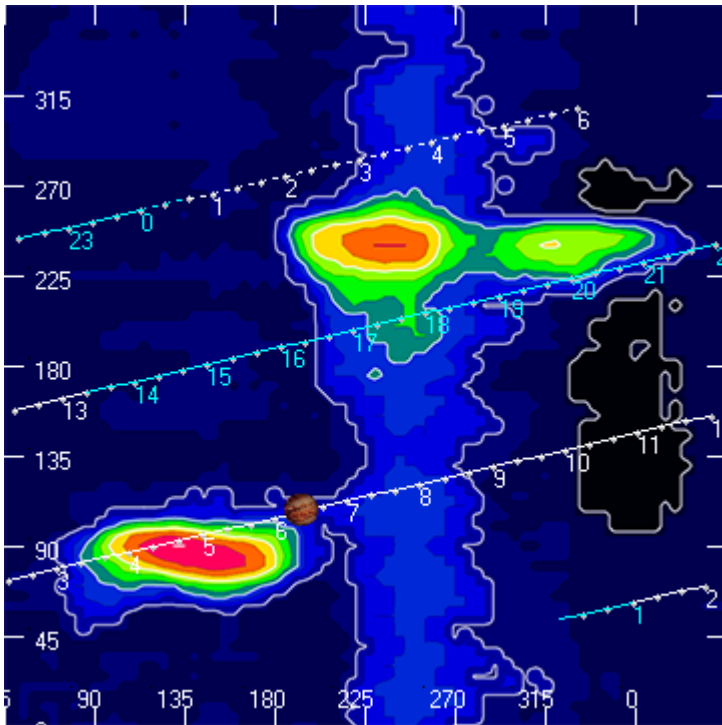
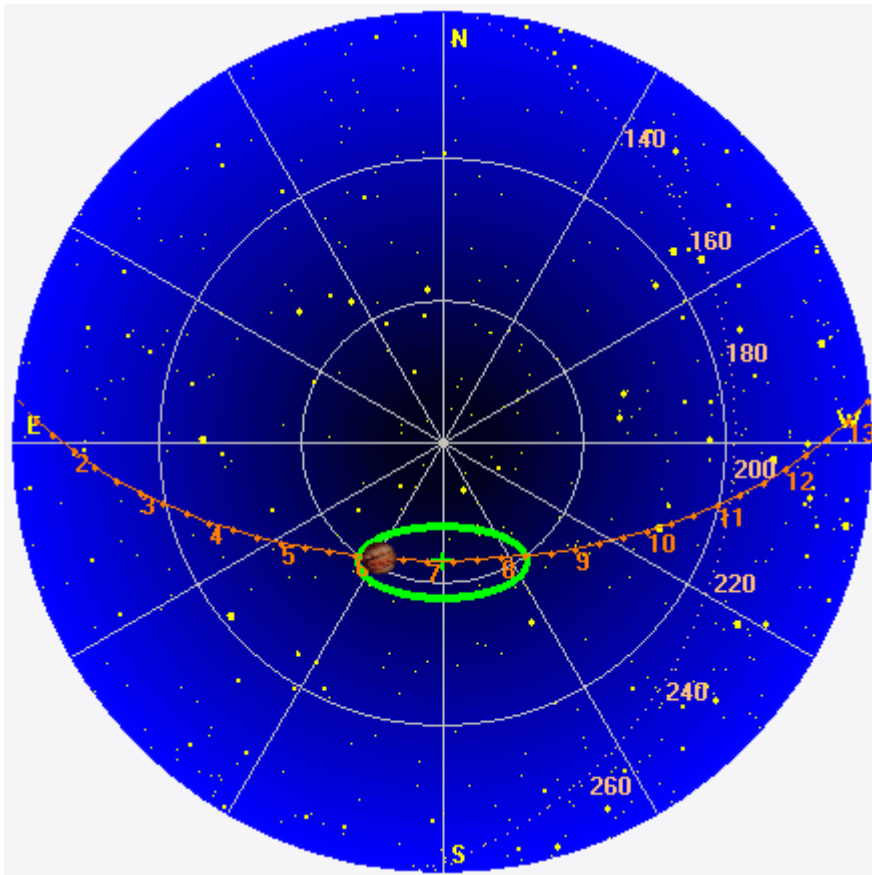
Jupiter was -42° to $+17^\circ$ off axis.

Jupiter was leading the Sun by 157° .

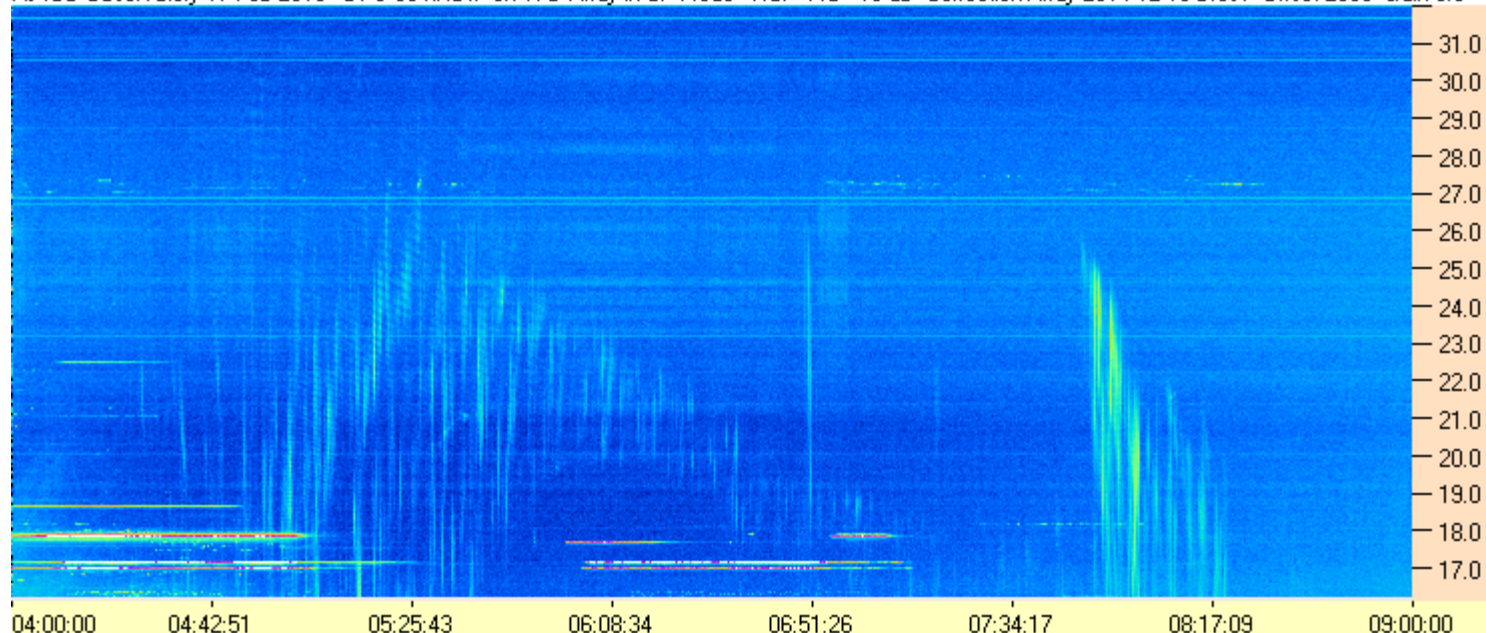
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Dave

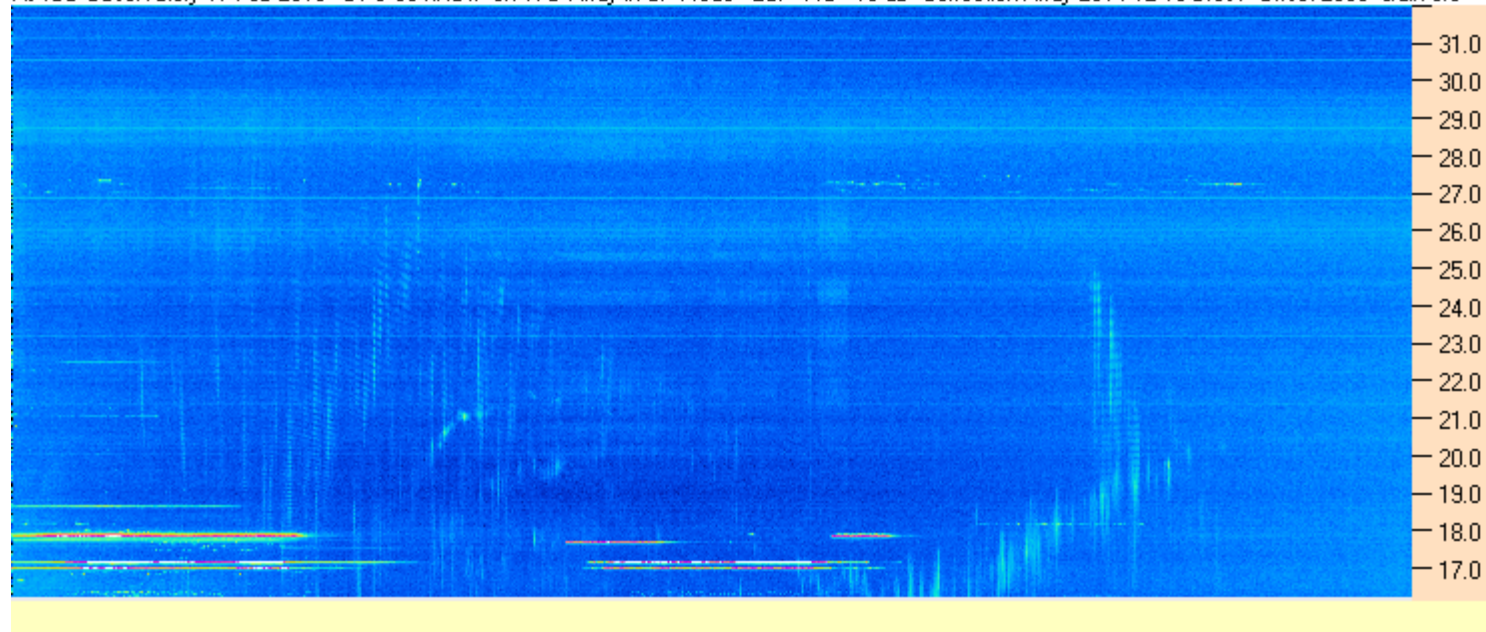
AJ4CO Observatory 17 Feb 2016, log entry 606 - 610



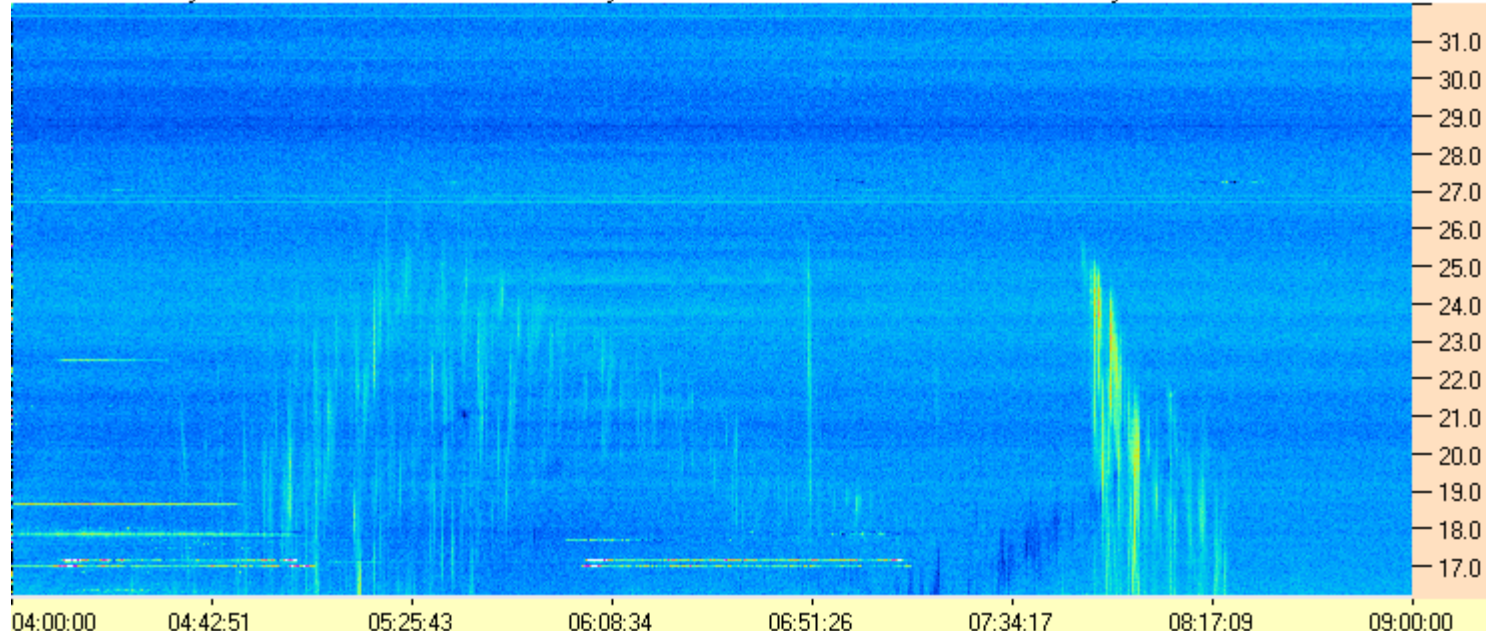
AJ4CO Observatory 17 Feb 2016 - DPS 30 kHz IF on TFD Array in CP Mode - RCP MC +13 dB Correction Array 2014 12 18 B.csv Offset 2050 Gain 5.0



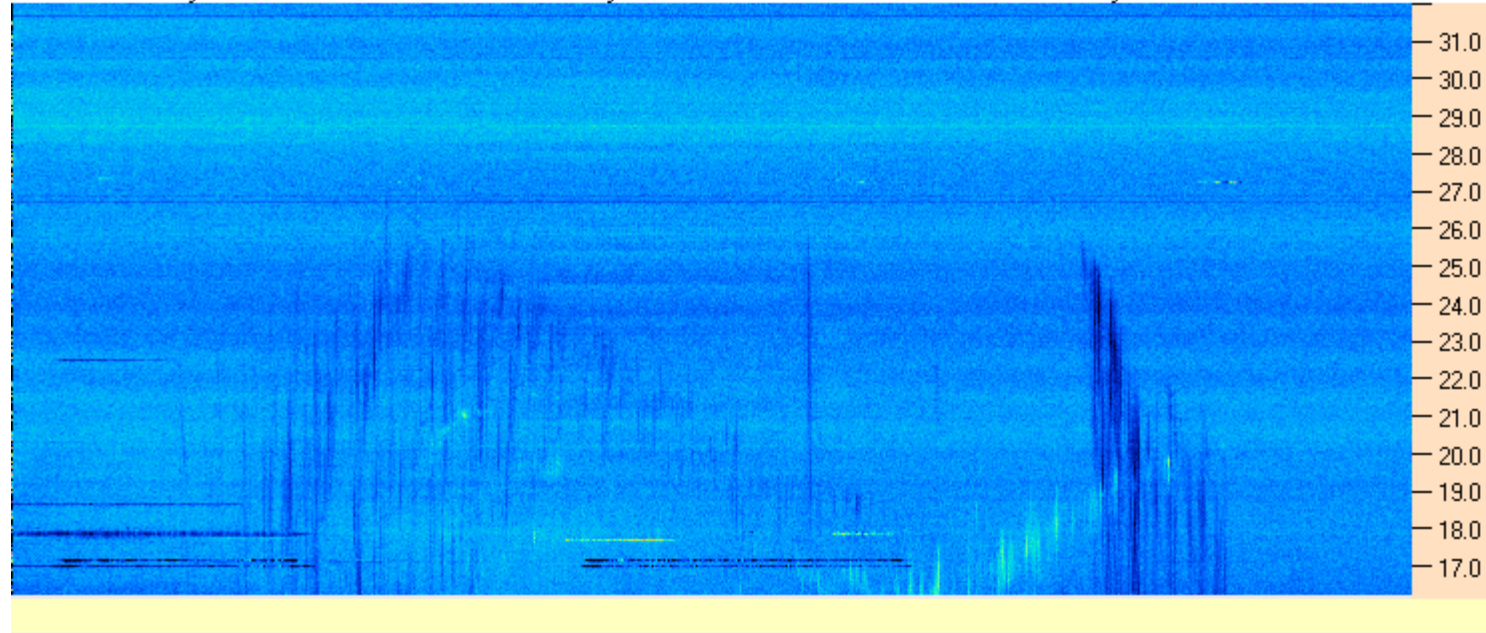
AJ4CO Observatory 17 Feb 2016 - DPS 30 kHz IF on TFD Array in CP Mode - LCP MC +13 dB Correction Array 2014 12 18 B.csv Offset 2050 Gain 5.0

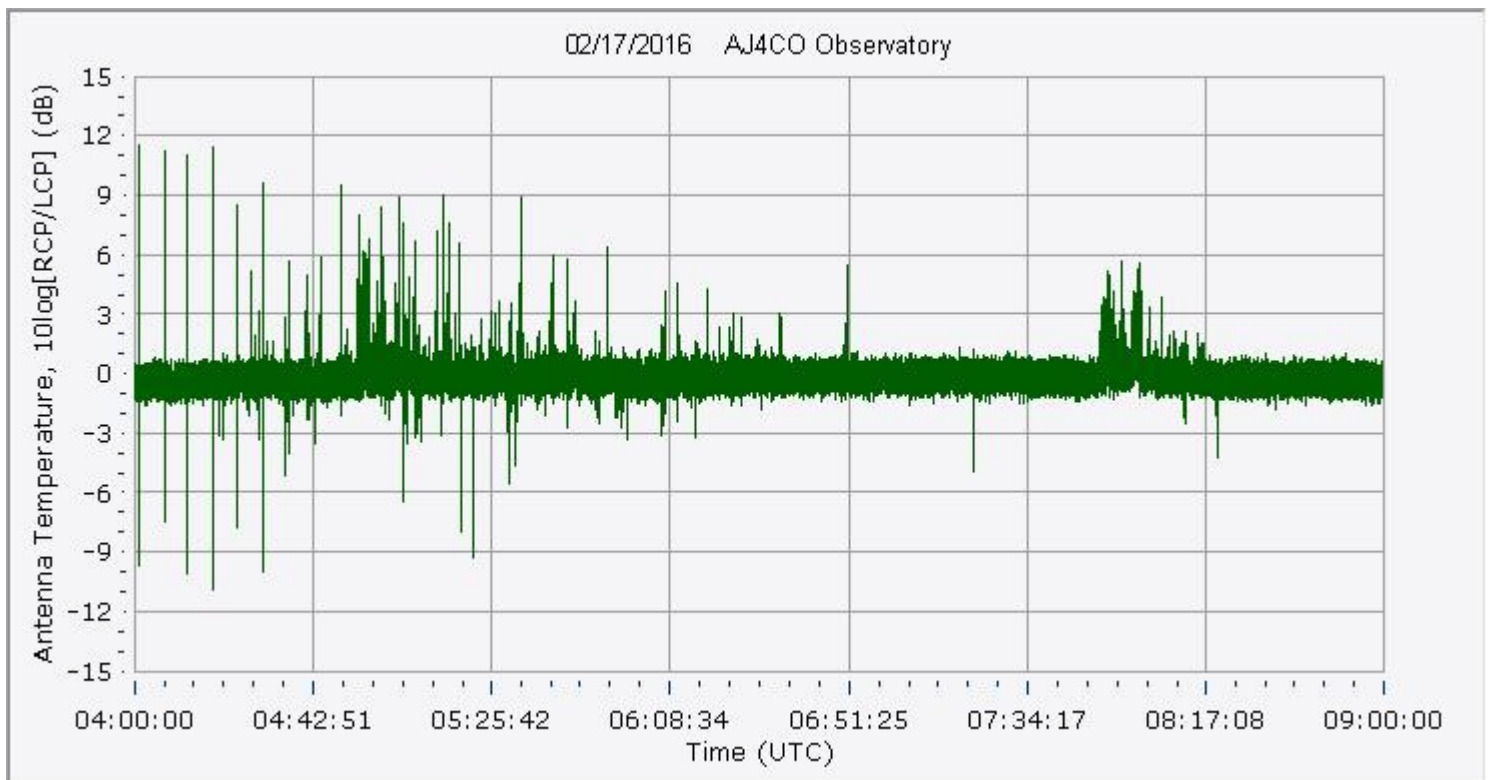
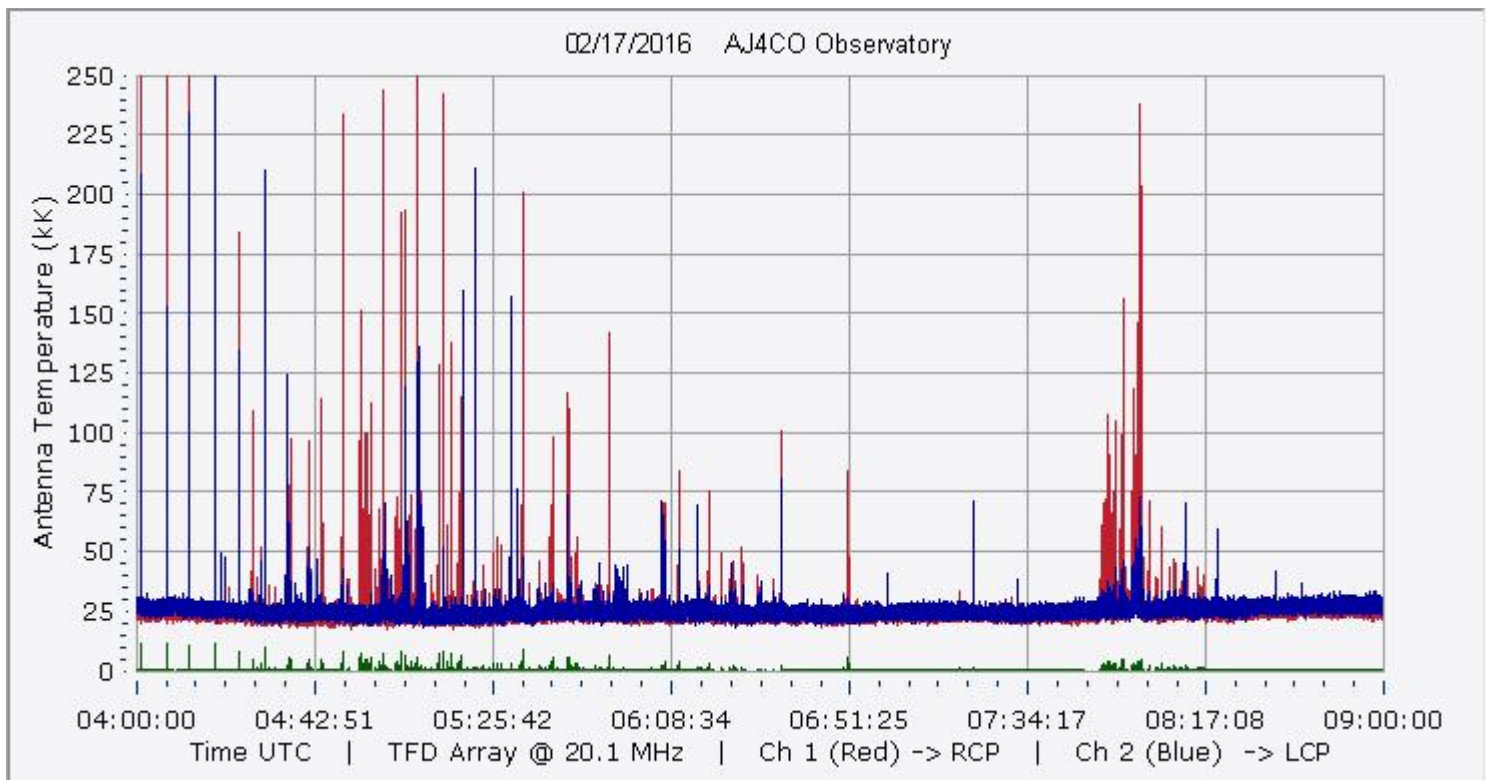


AJ4CO Observatory 17 Feb 2016 - DPS 30 kHz IF on TFD Array in CP Mode - RCP-LCP MC +13 dB Correction Array 2014 12 18 B.csv Offset 80 Gain 2.0

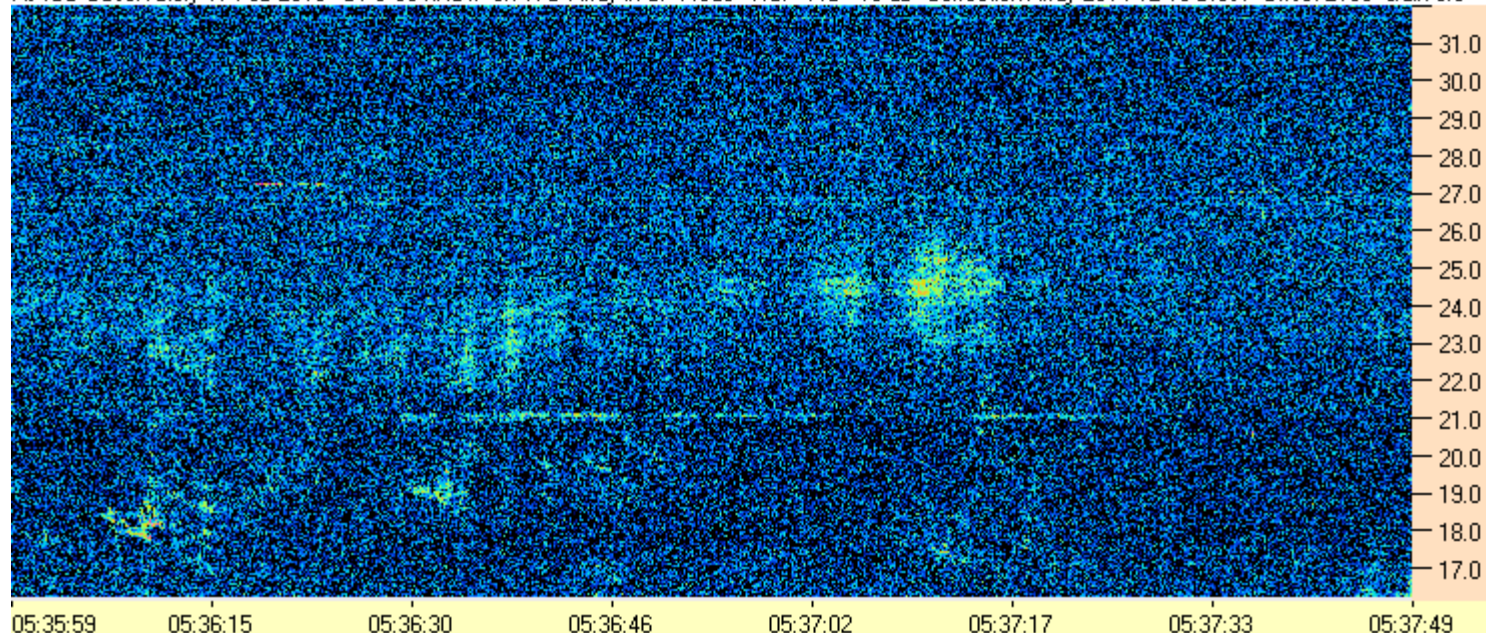


AJ4CO Observatory 17 Feb 2016 - DPS 30 kHz IF on TFD Array in CP Mode - LCP-RCP MC +13 dB Correction Array 2014 12 18 B.csv Offset 80 Gain 2.0





AJ4CO Observatory 17 Feb 2016 - DPS 30 kHz IF on TFD Array in CP Mode - RCP MC +13 dB Correction Array 2014 12 18 B.csv Offset 2100 Gain 5.0



AJ4CO Observatory 17 Feb 2016 - DPS 30 kHz IF on TFD Array in CP Mode - LCP MC +13 dB Correction Array 2014 12 18 B.csv Offset 2100 Gain 5.0

