

Non-Io-C.

Notable that this non-Io-C in the “forbidden zone” (my term for the very low probability zone above and below Io-C) follows 7 days after a similar event in nearly the same region of the phase plane. Could this indicate something interesting happening at Jupiter?

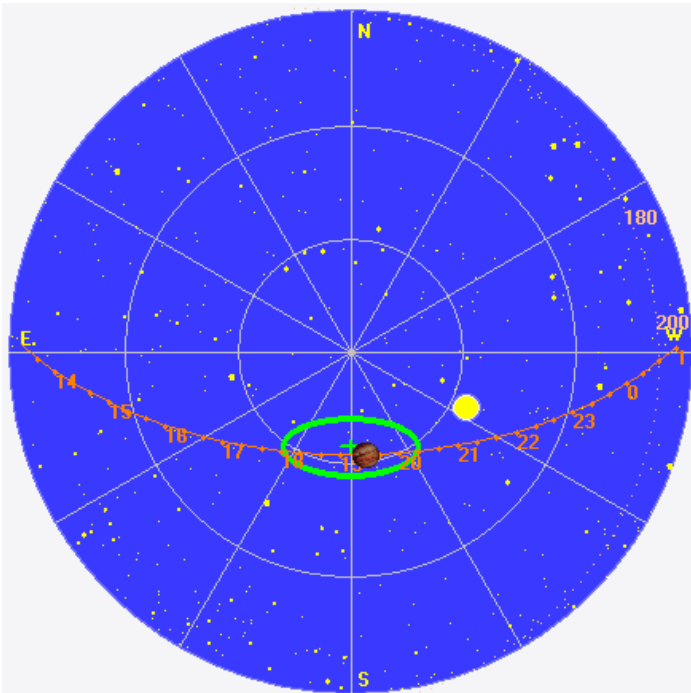
Also notable that the emission envelope drift is positive, indicating the D source instead of the C source. But, does the frequency drift relationship hold for non-Io events, or only for the Io-controlled emission?

LCP dominant L bursting 1843–2012 UTC from 16 to 21 MHz, positive frequency drift emission envelopes.

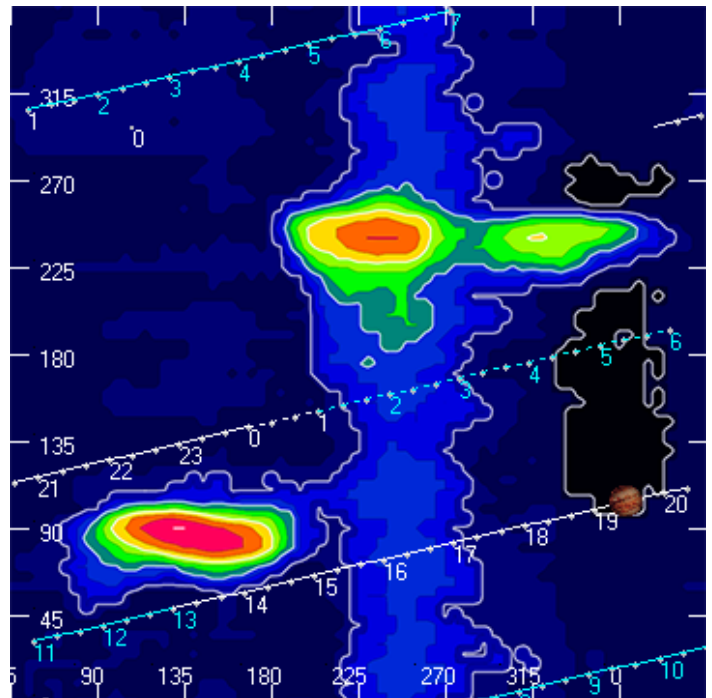
Jupiter was -8° to $+15^\circ$ off axis.

Jupiter was trailing the Sun by 26° .

Jupiter’s location at midpoint of observed emission (1927 UTC)

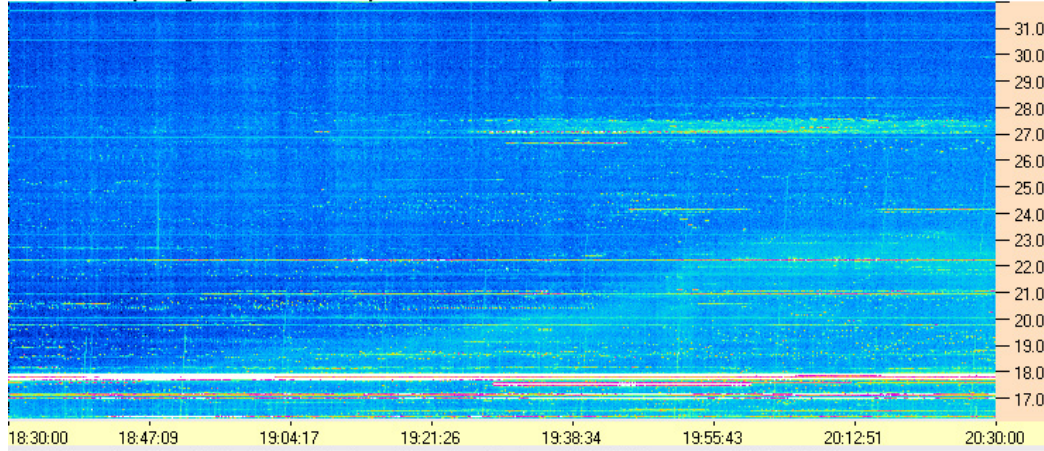


Sky map with array HPBW in green.

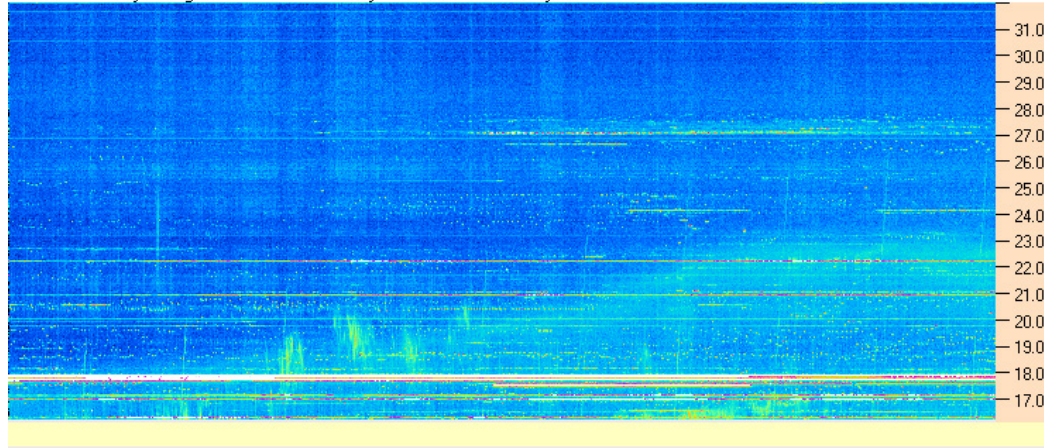


CML-Io phase plane.

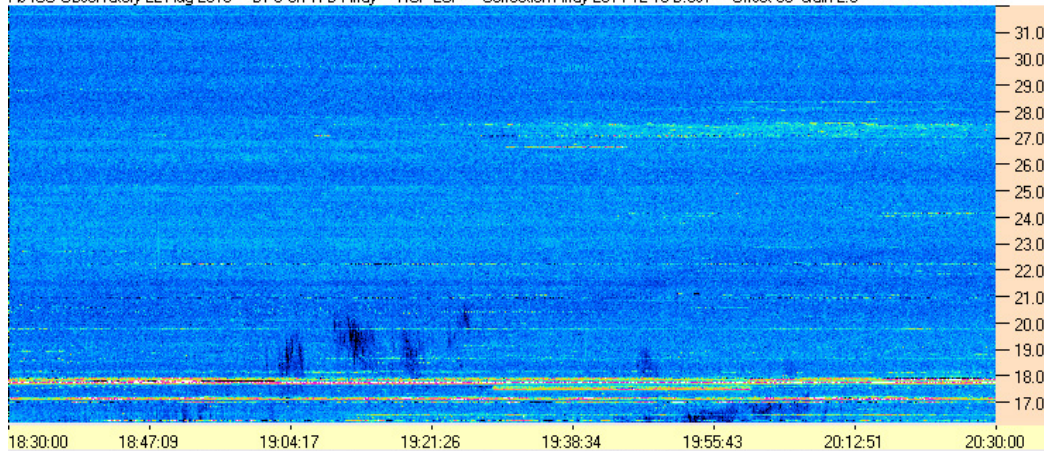
AJ4CO Observatory 22 Aug 2016 - DPS on TFD Array - RCP - Correction Array 2014 12 18 B.csv - Offset 2050 Gain 5.0



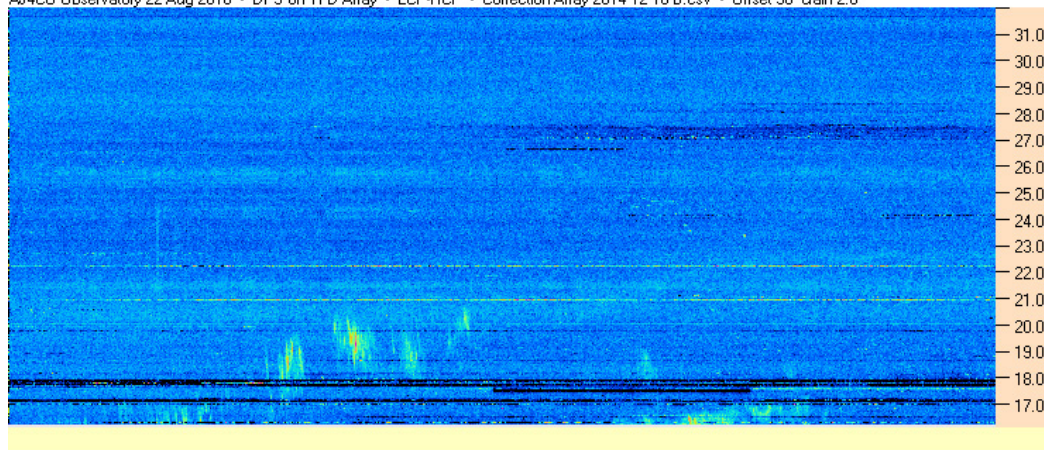
AJ4CO Observatory 22 Aug 2016 - DPS on TFD Array - LCP - Correction Array 2014 12 18 B.csv - Offset 2050 Gain 5.0

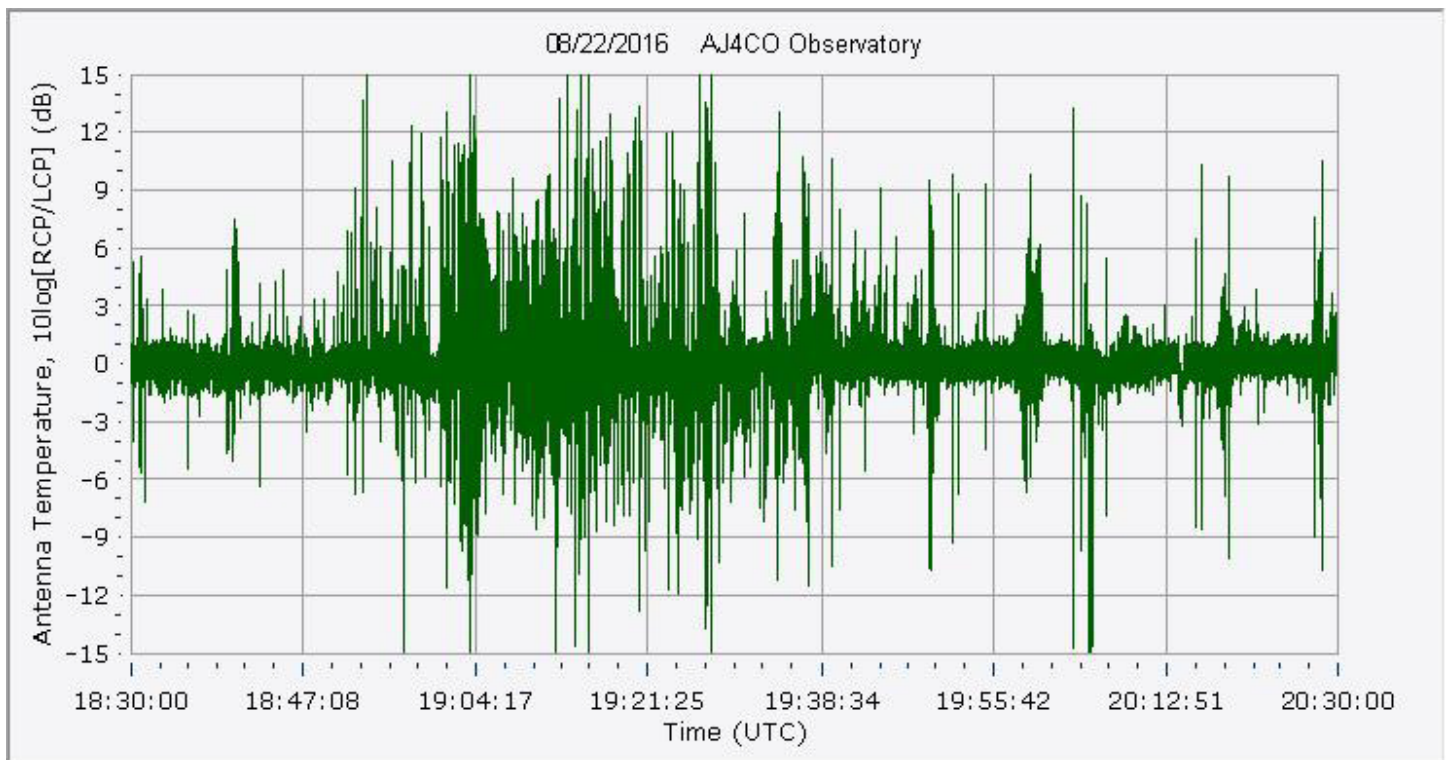
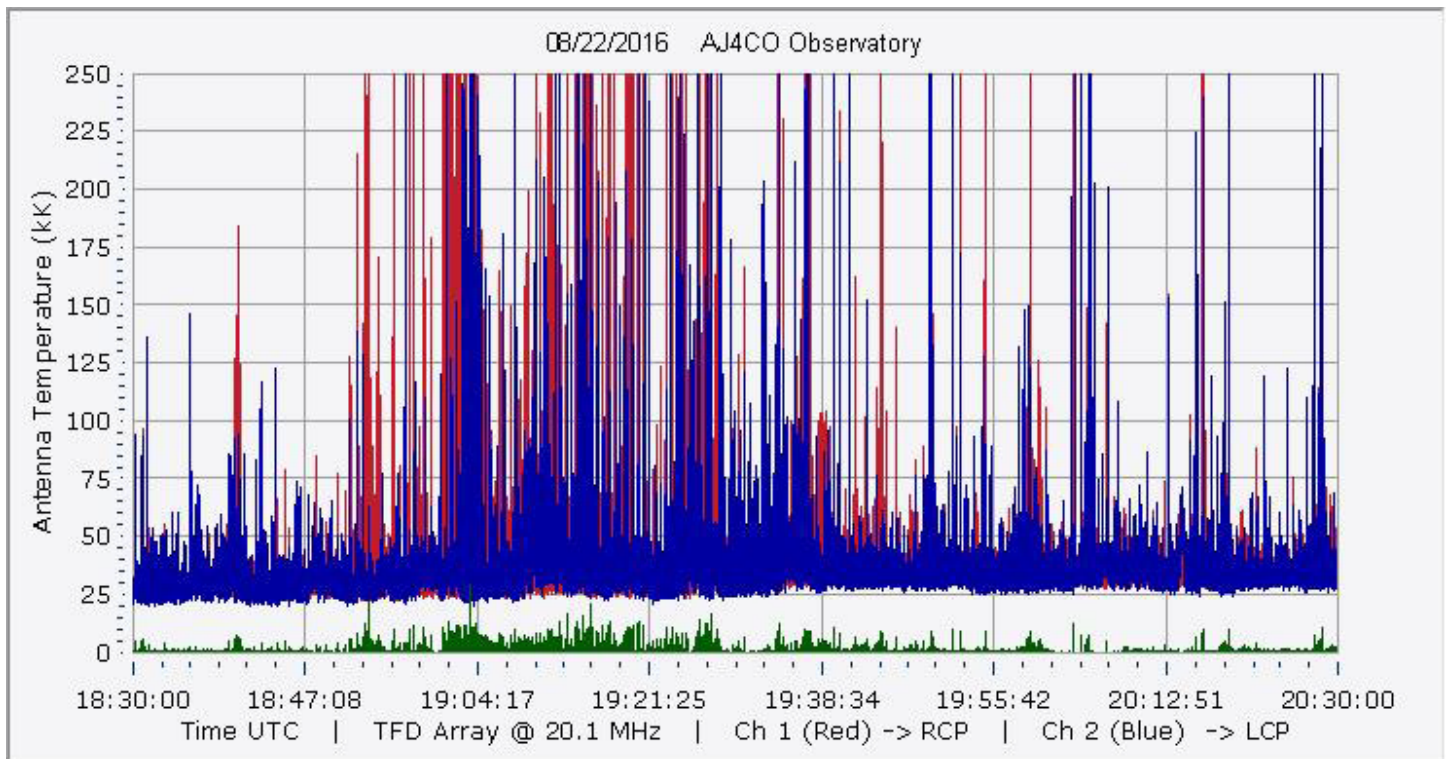


AJ4CO Observatory 22 Aug 2016 - DPS on TFD Array - RCP-LCP - Correction Array 2014 12 18 B.csv - Offset 50 Gain 2.0

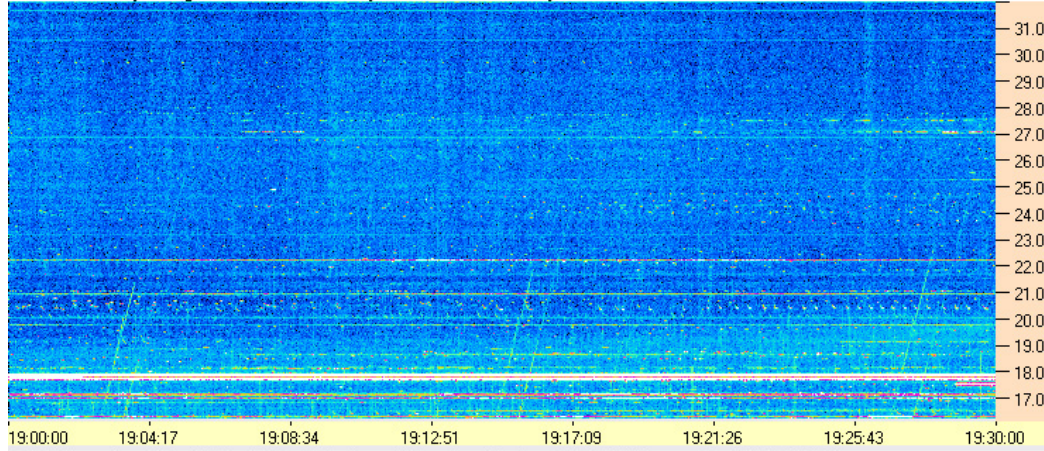


AJ4CO Observatory 22 Aug 2016 - DPS on TFD Array - LCP-RCP - Correction Array 2014 12 18 B.csv - Offset 50 Gain 2.0

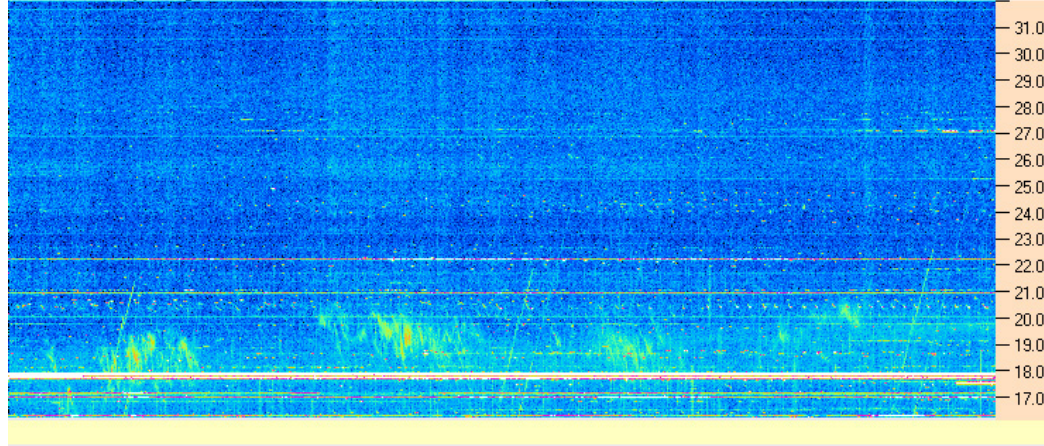




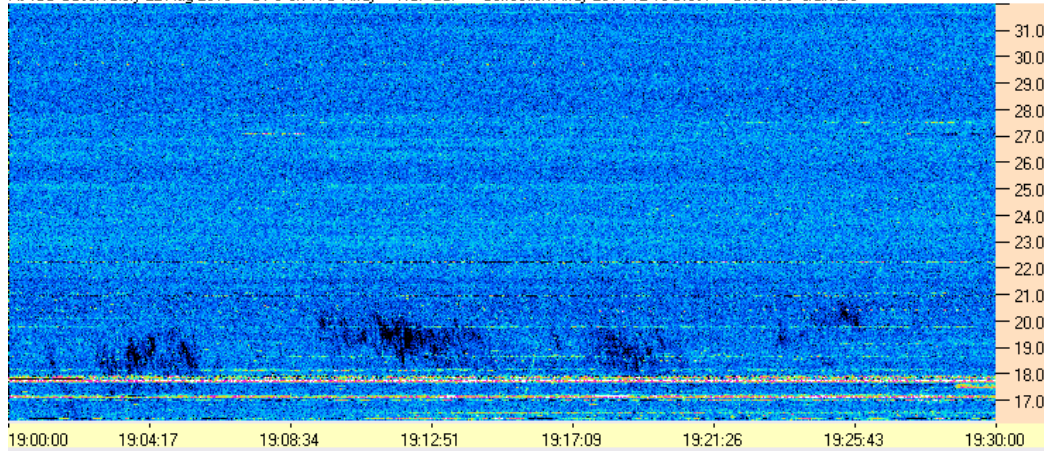
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AJ4CO Observatory 22 Aug 2016 - DPS on TFD Array - LCP - Correction Array 2014 12 18 B.csv - Offset 2050 Gain 5.0



AJ4CO Observatory 22 Aug 2016 - DPS on TFD Array - RCP-LCP - Correction Array 2014 12 18 B.csv - Offset 50 Gain 2.0



AJ4CO Observatory 22 Aug 2016 - DPS on TFD Array - LCP-RCP - Correction Array 2014 12 18 B.csv - Offset 50 Gain 2.0

