

Some interesting non-*Io-A*.

RCP dominant L bursts 0541–0756 UTC from 16 to 28 MHz, negative frequency drift emission envelopes.

The overall storm was V-shaped, first downward freq then upward freq. This makes it look at first like some non-*Io-A* followed by some non-*Io-B*. But on closer inspection, the bursts within are all negative freq drift affairs.

Unknown why the upper and lower emission overall envelope decreased then increased in freq. Jupiter was at no point very far off axis, so this was not likely to be a beam pattern effect.

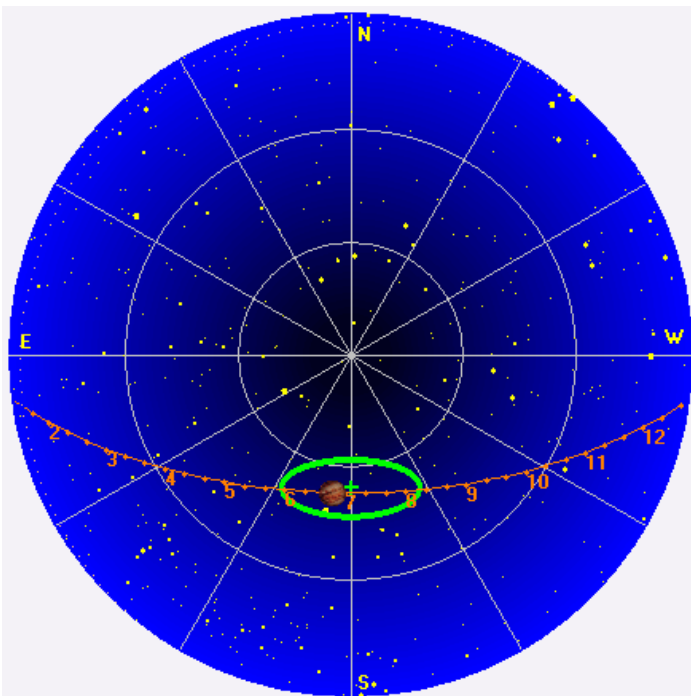
Also, the length and freq range of this storm made it look sort of like *Io-A*. Not enough for me to call it *Io-A*, though. Your mileage may vary – and after all, what we call these storms isn't that critical. The parameters are what counts.

The second storm, the short one around 0745 UTC, on the other hand, had the classic non-*Io-A* morphology.

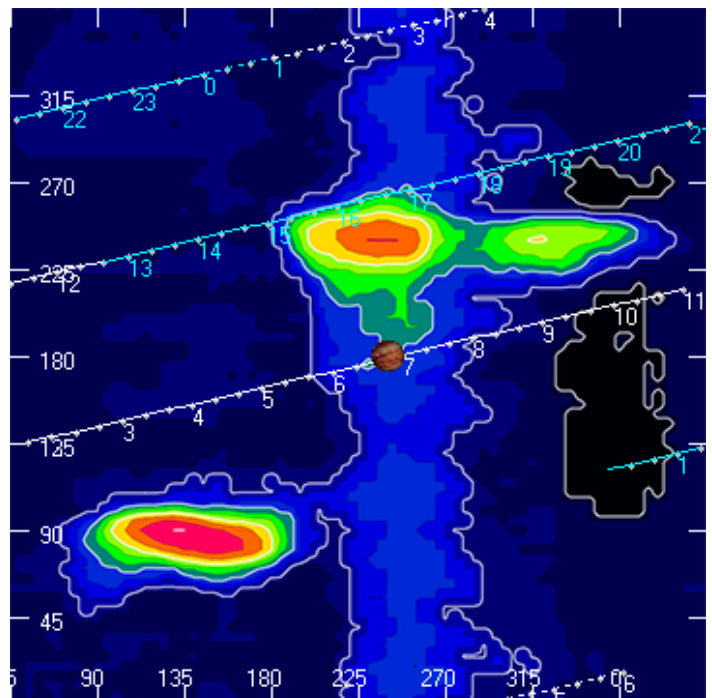
Jupiter was -21° to $+13^\circ$ off axis.

Jupiter was leading the Sun by 157° .

Jupiter's location at midpoint of observed emission (0648 UTC)

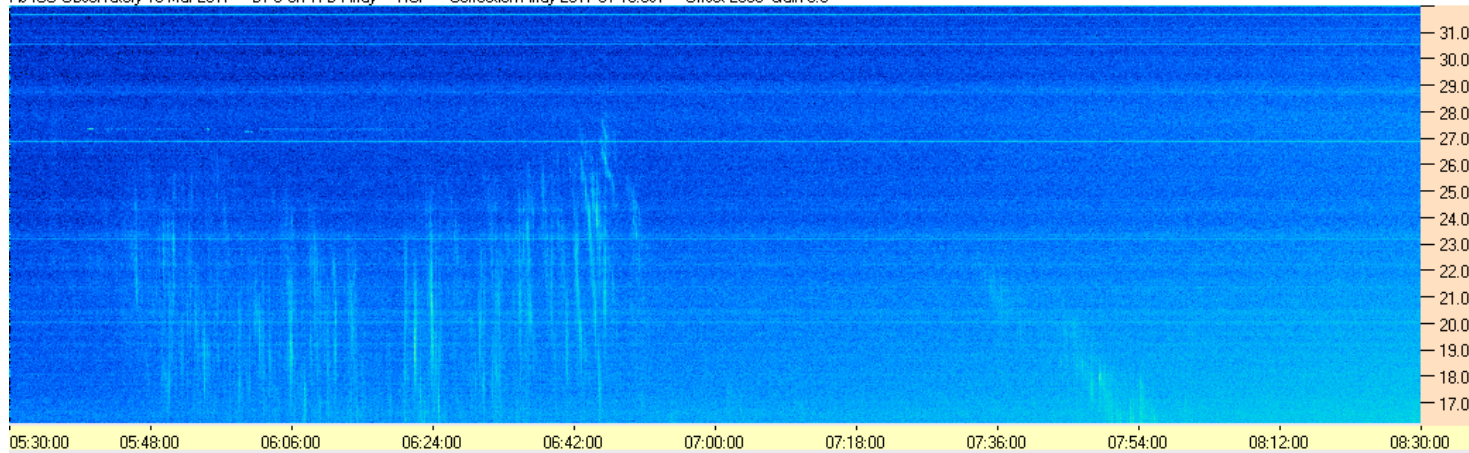


Sky map with array HPBW in green.

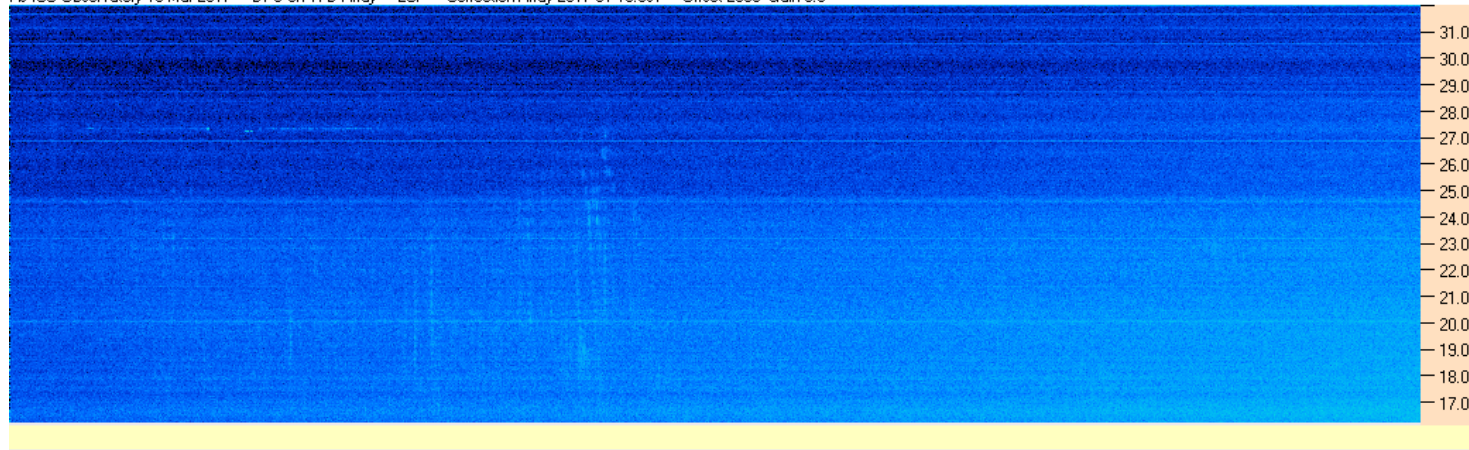


CML-Io phase plane.

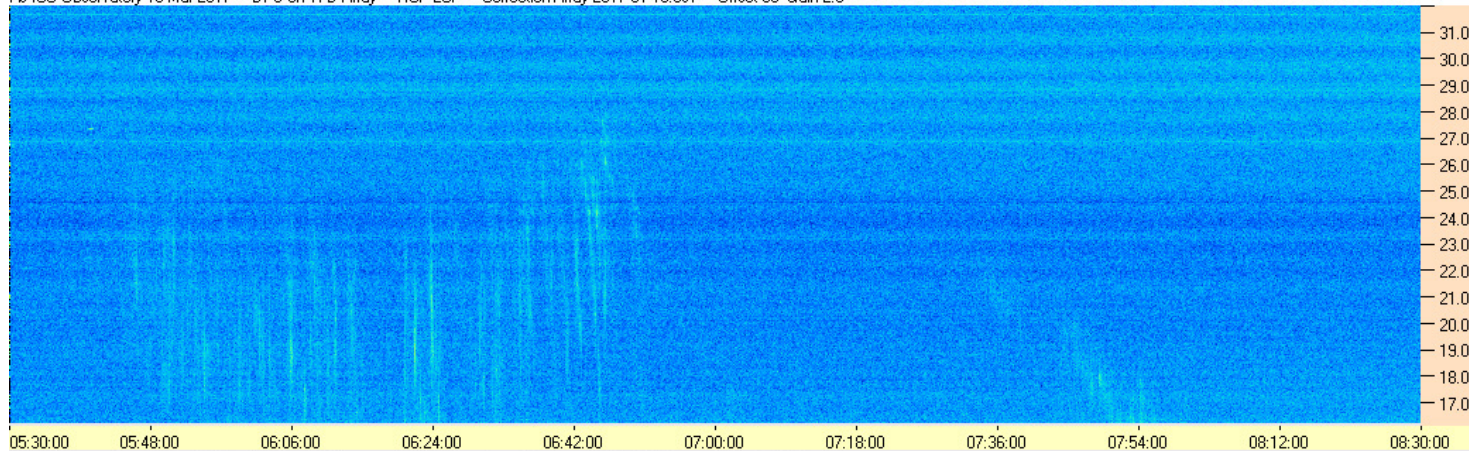
AJ4CO Observatory 18 Mar 2017 - DPS on TFD Array - RCP - Correction Array 2017 01 10.csv - Offset 2060 Gain 5.0



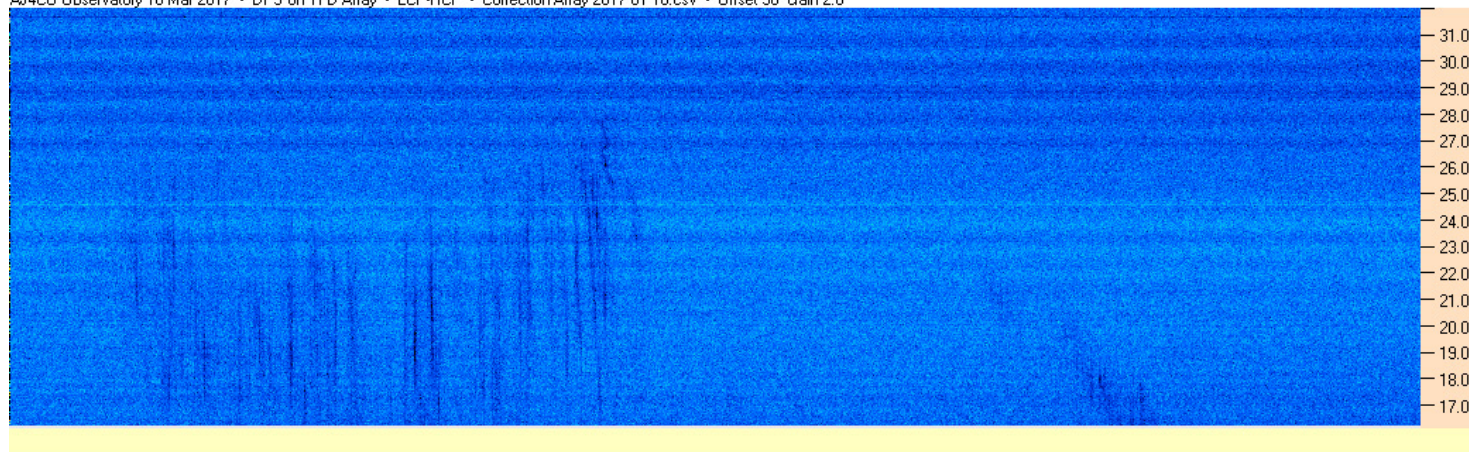
AJ4CO Observatory 18 Mar 2017 - DPS on TFD Array - LCP - Correction Array 2017 01 10.csv - Offset 2060 Gain 5.0

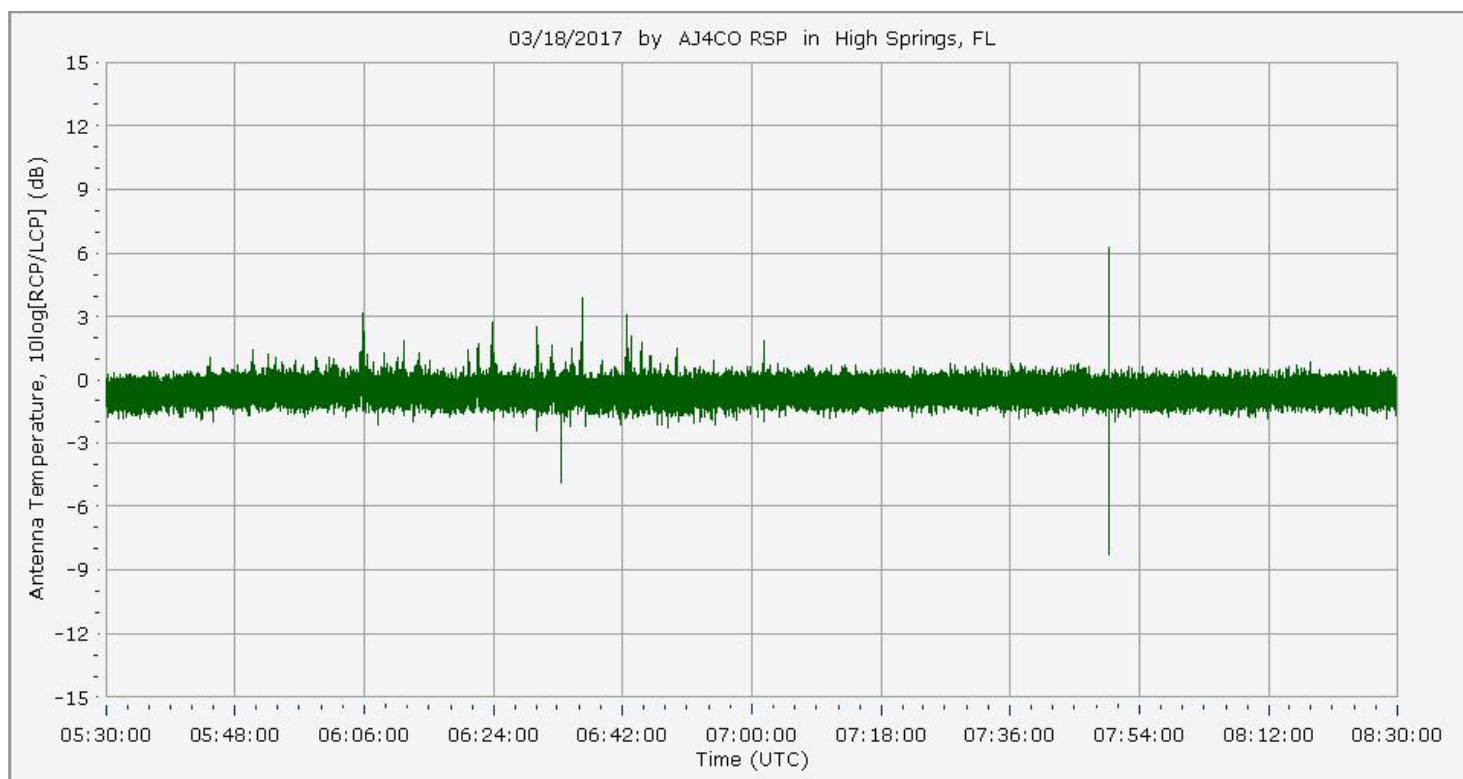
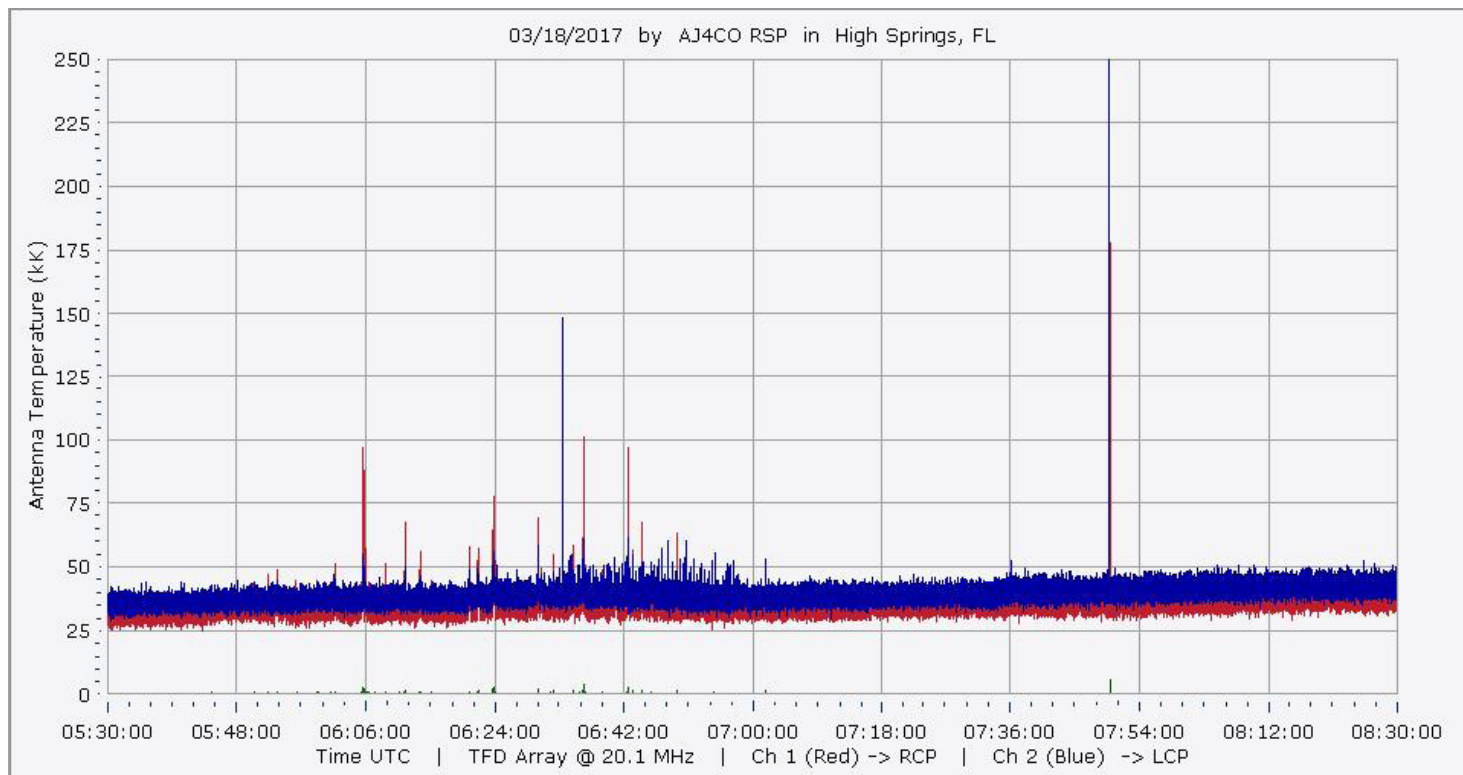


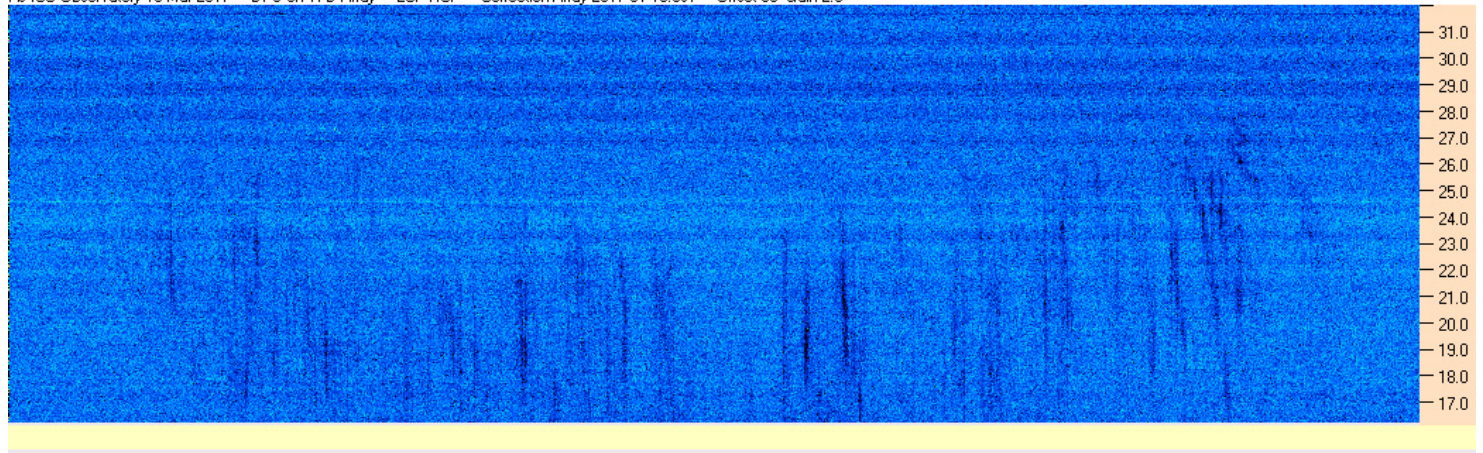
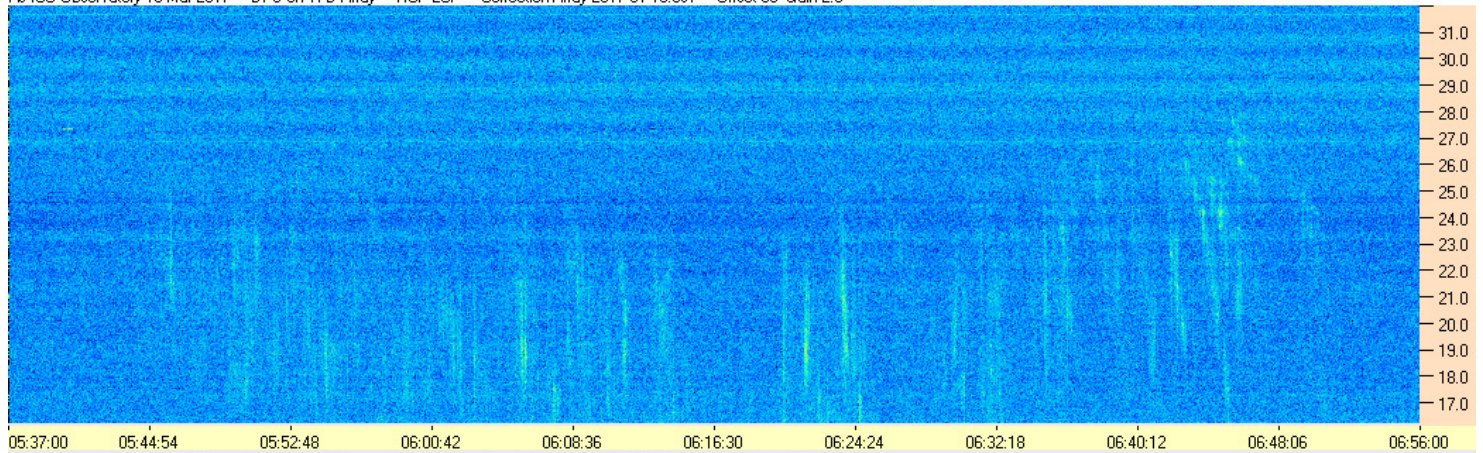
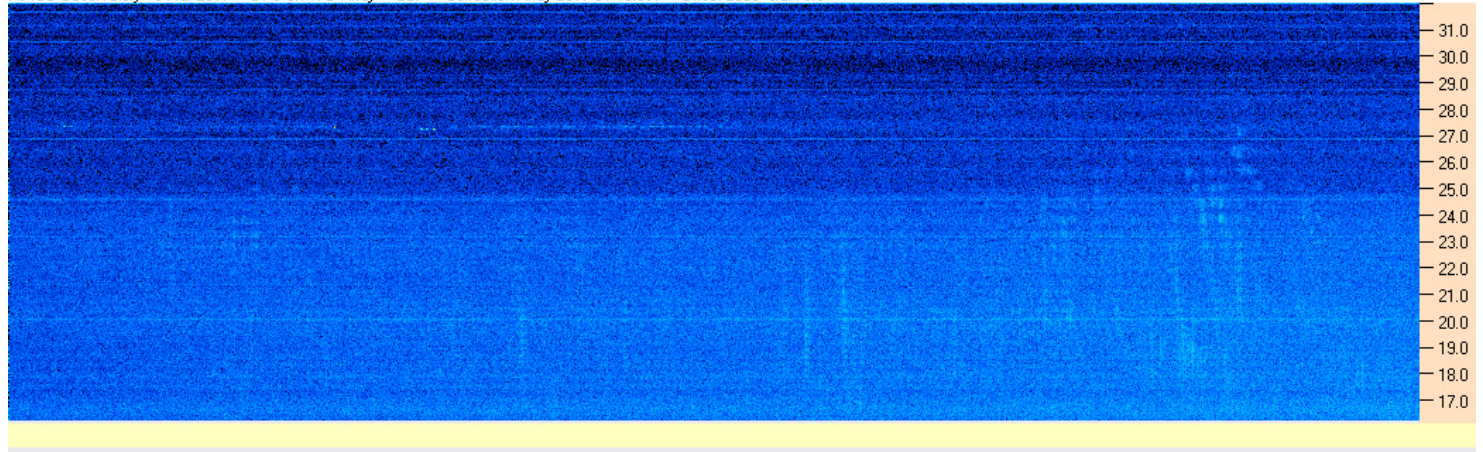
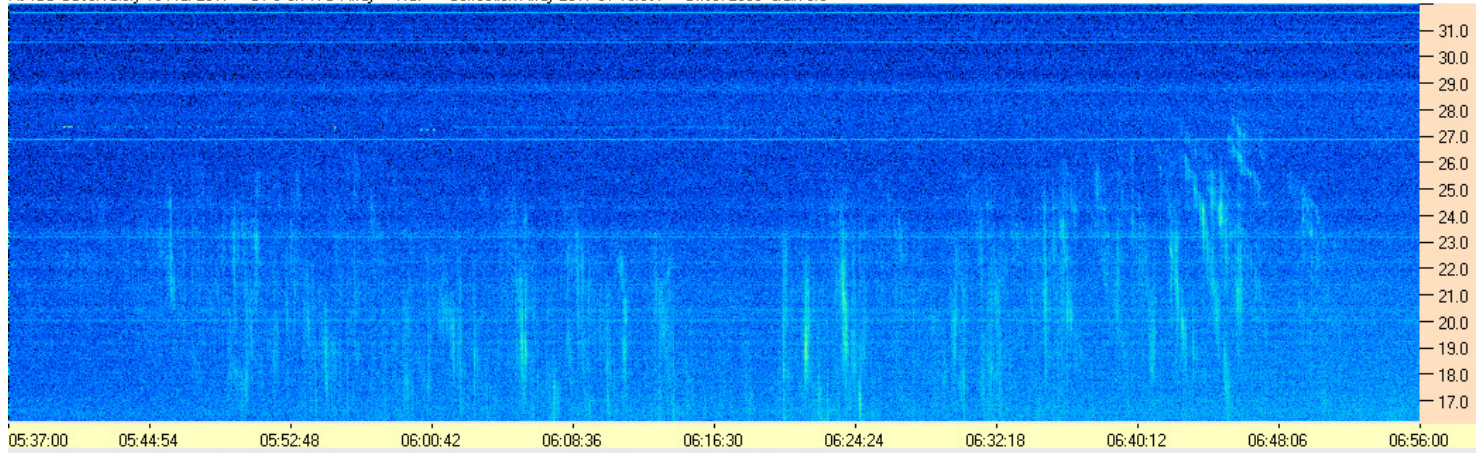
AJ4CO Observatory 18 Mar 2017 - DPS on TFD Array - RCP-LCP - Correction Array 2017 01 10.csv - Offset 50 Gain 2.0

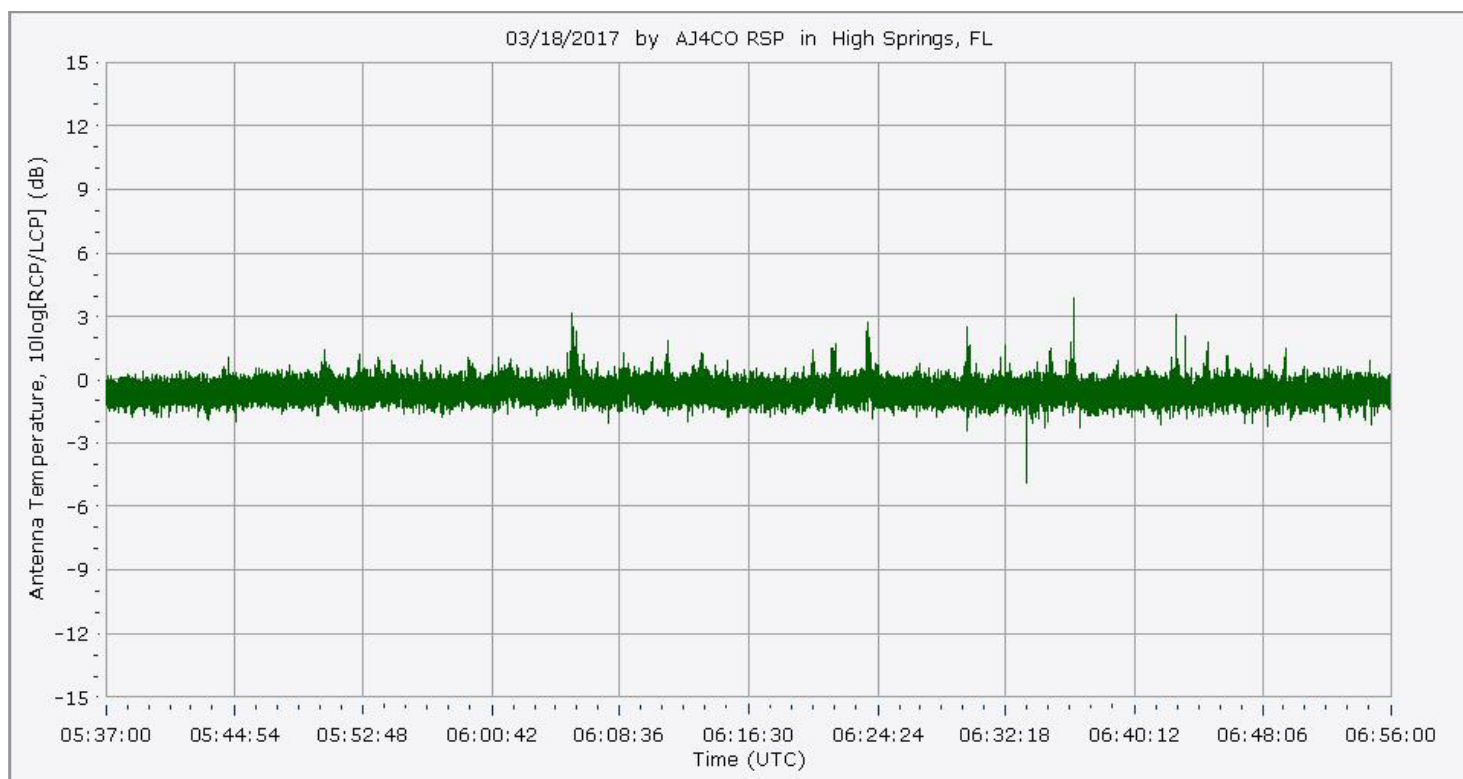
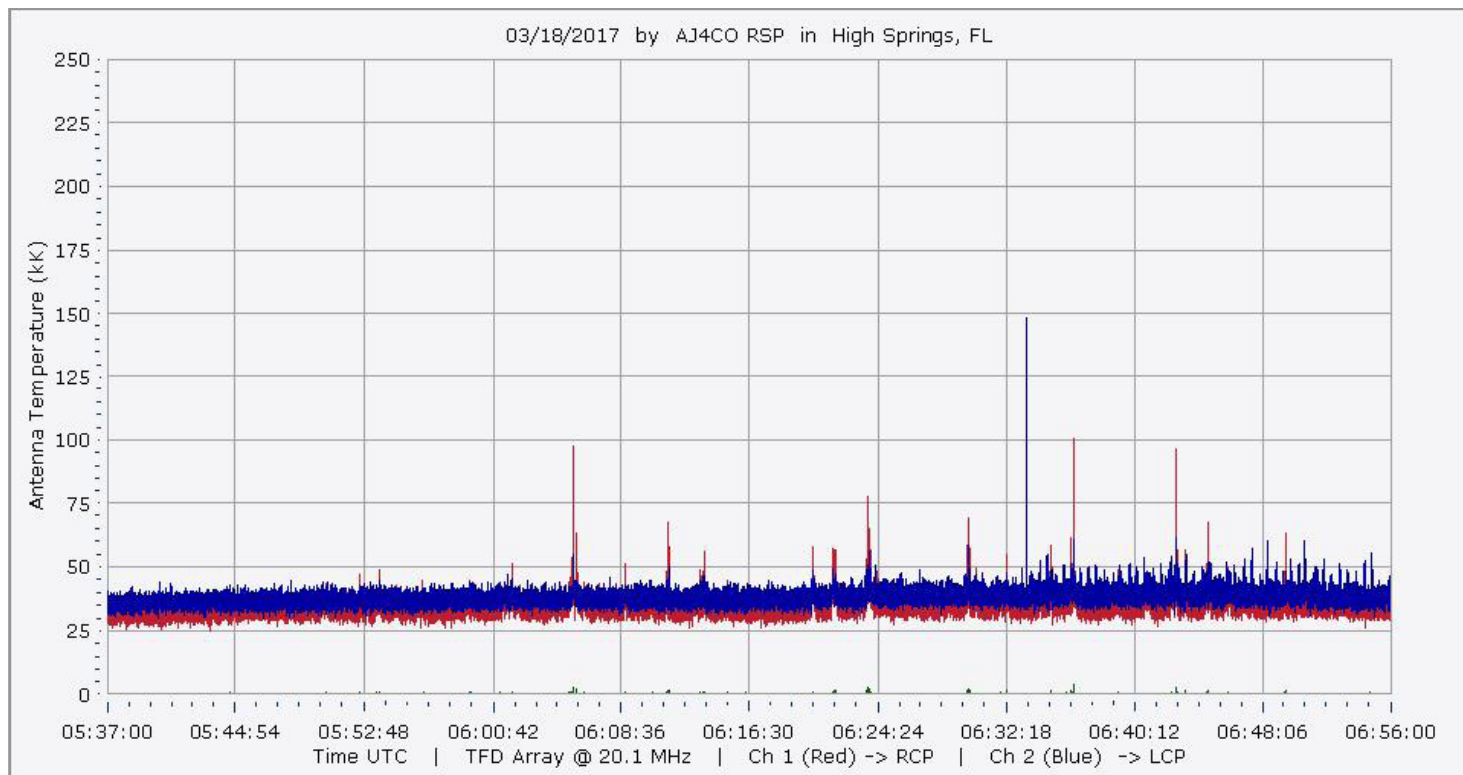


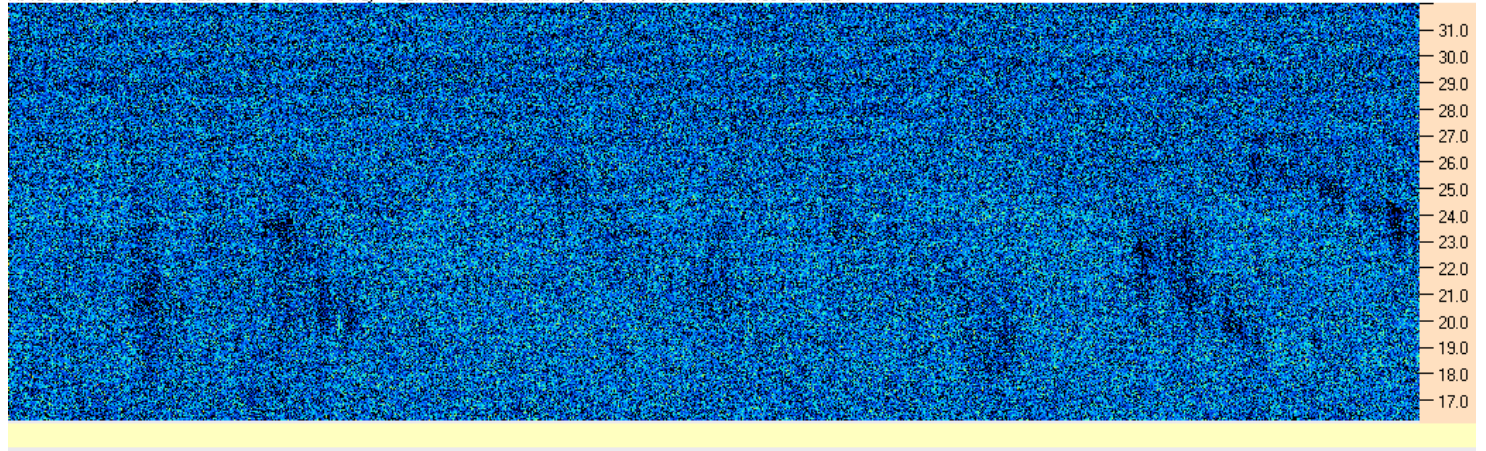
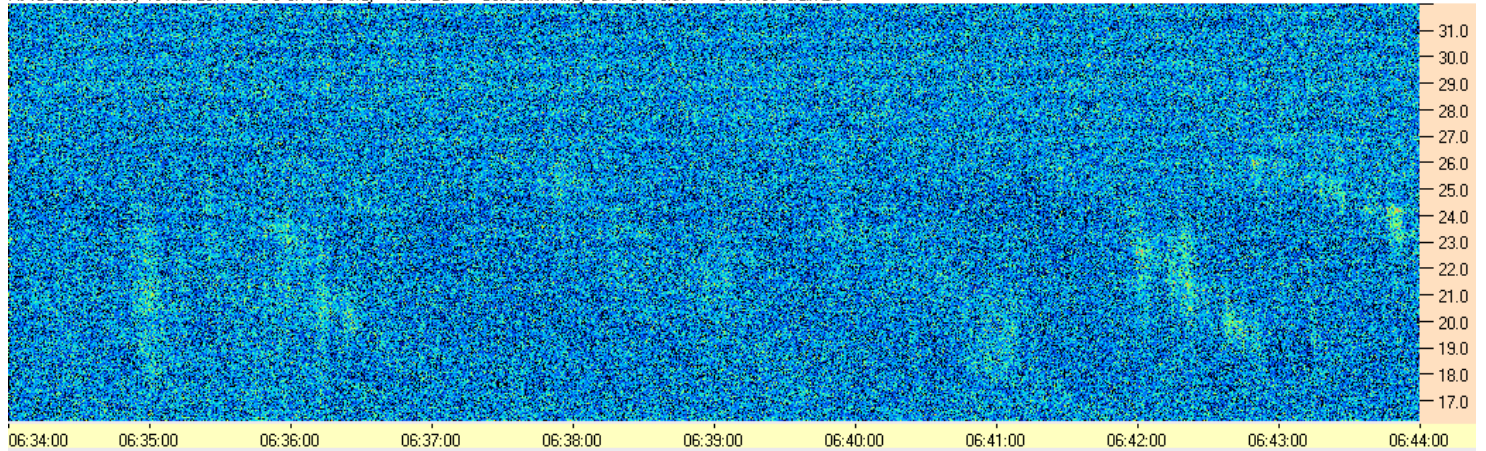
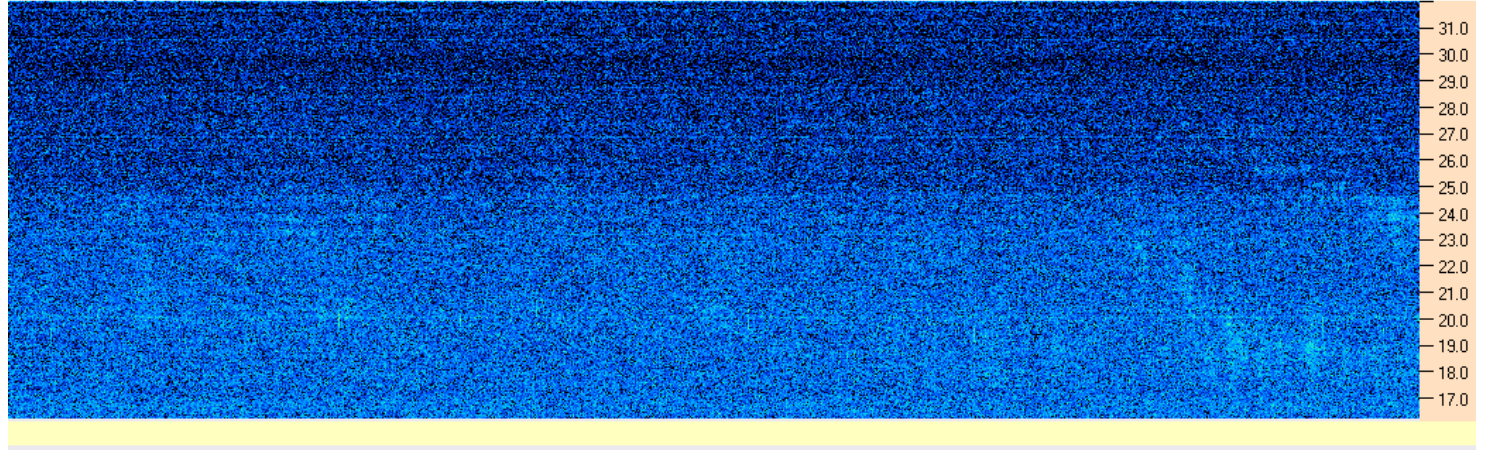
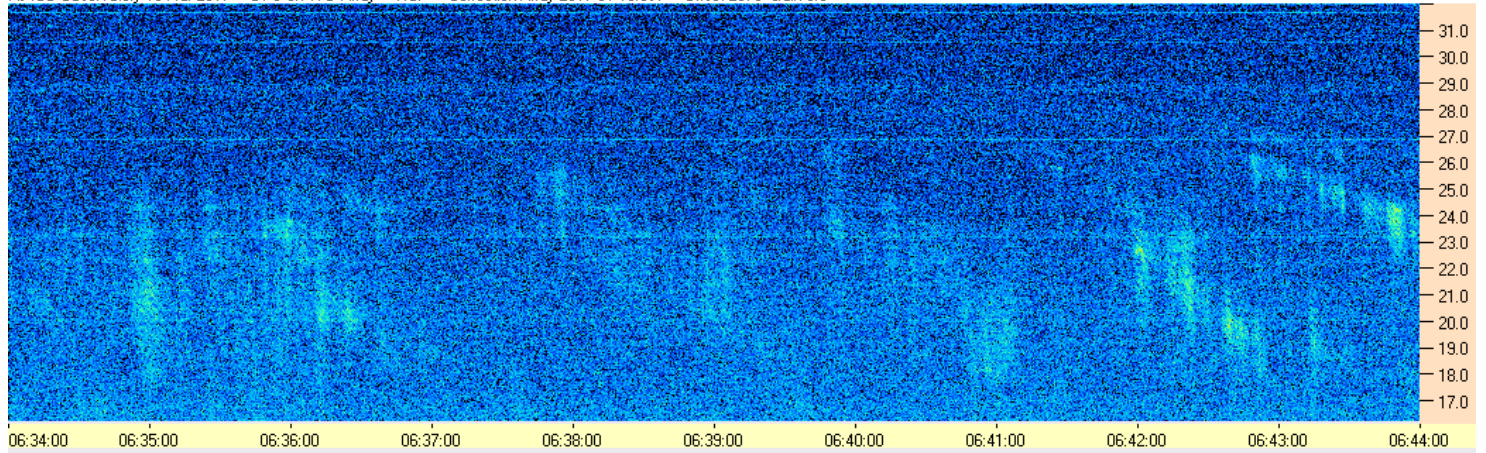
AJ4CO Observatory 18 Mar 2017 - DPS on TFD Array - LCP-RCP - Correction Array 2017 01 10.csv - Offset 50 Gain 2.0

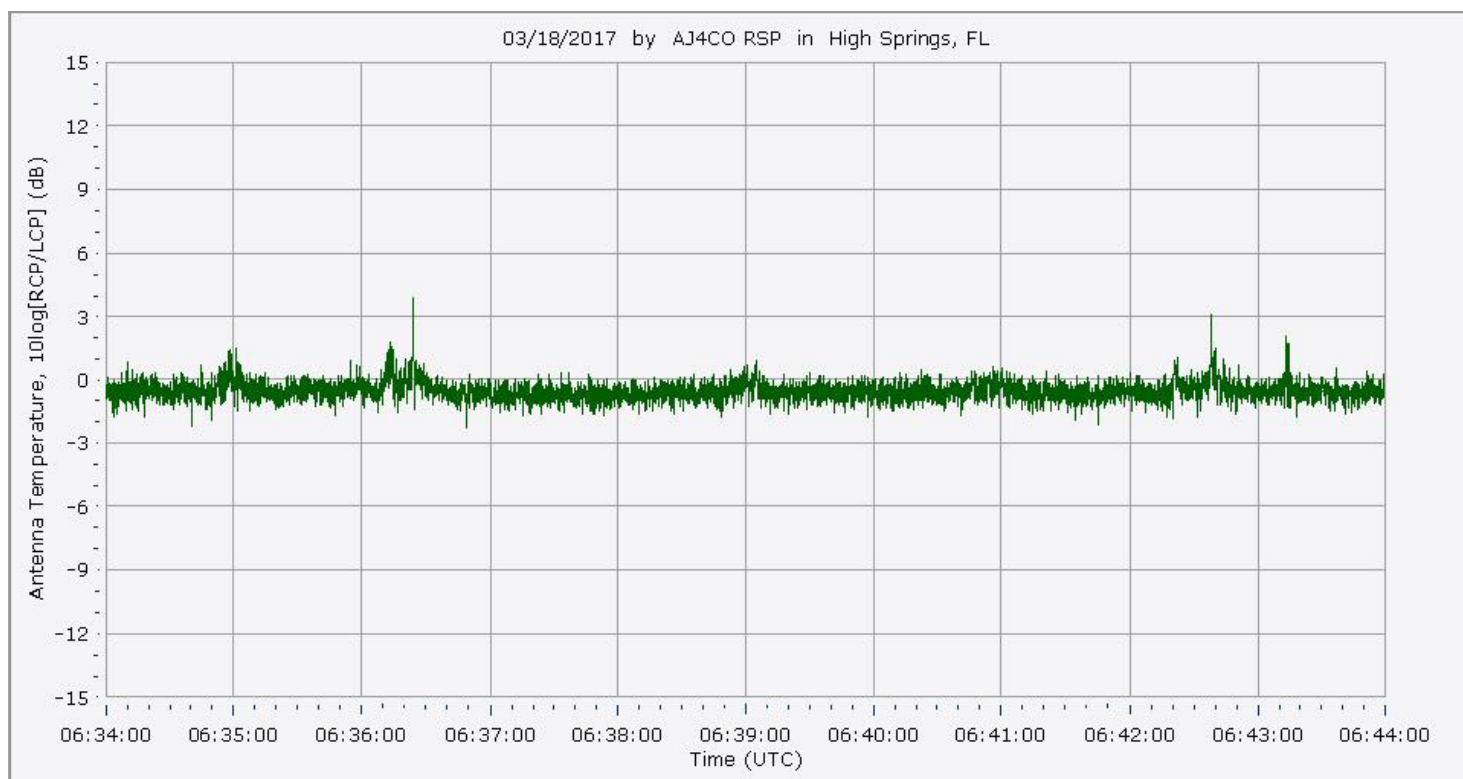
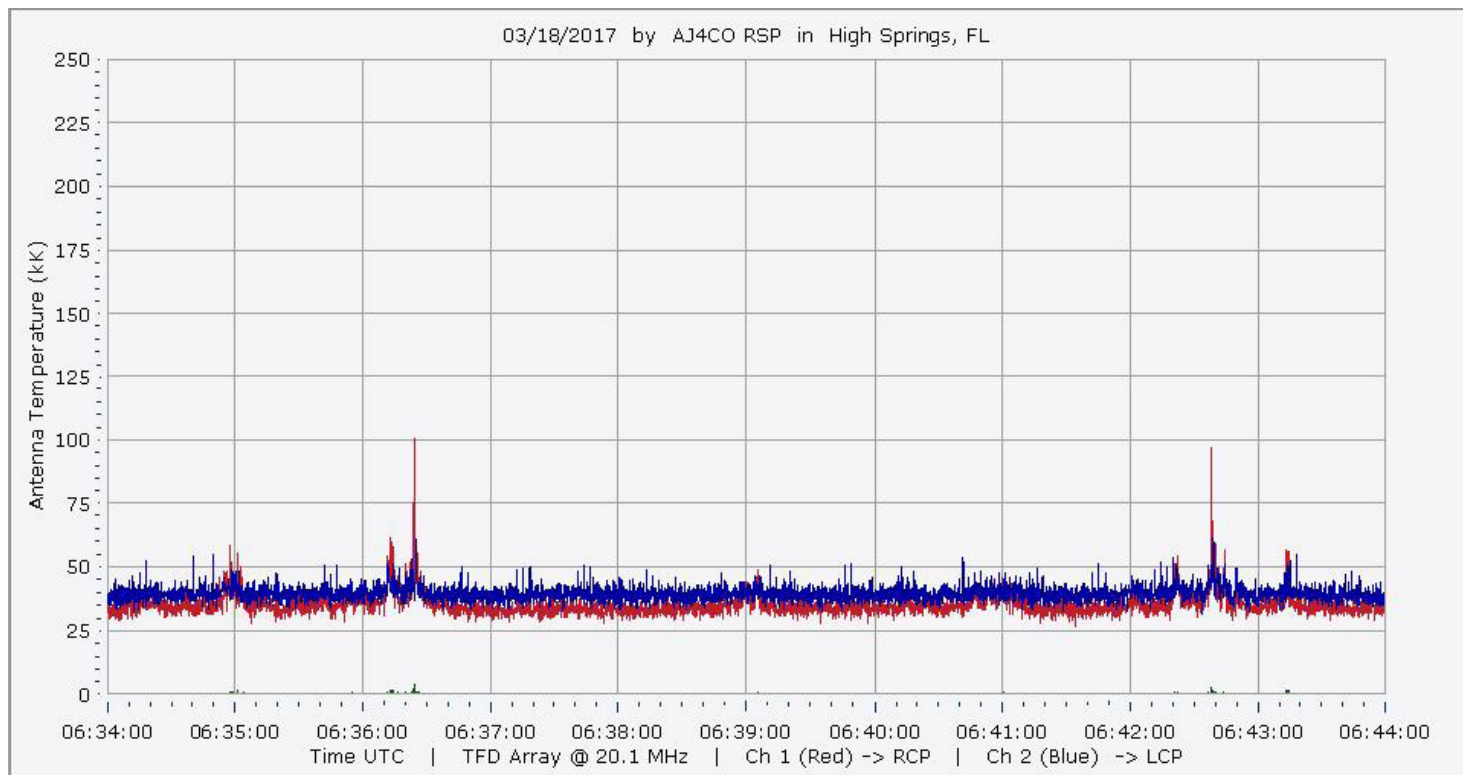




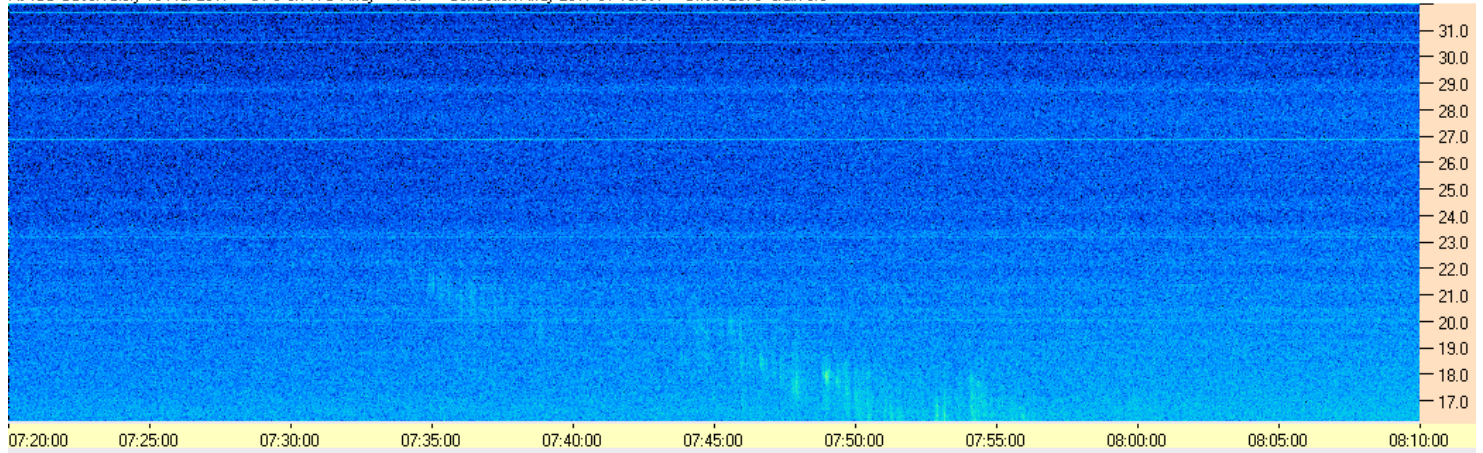




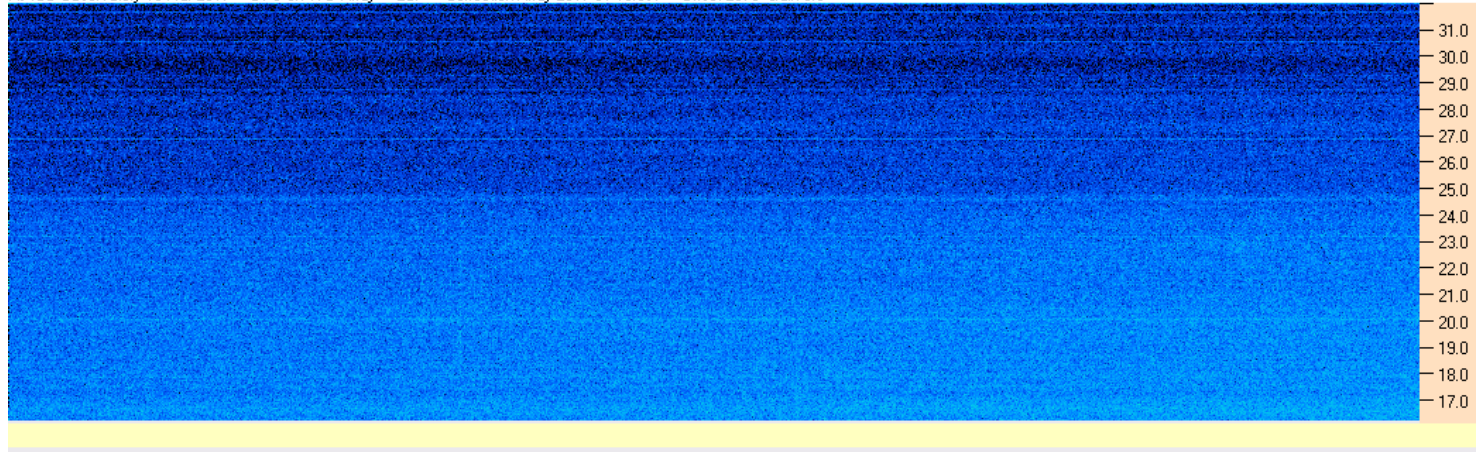




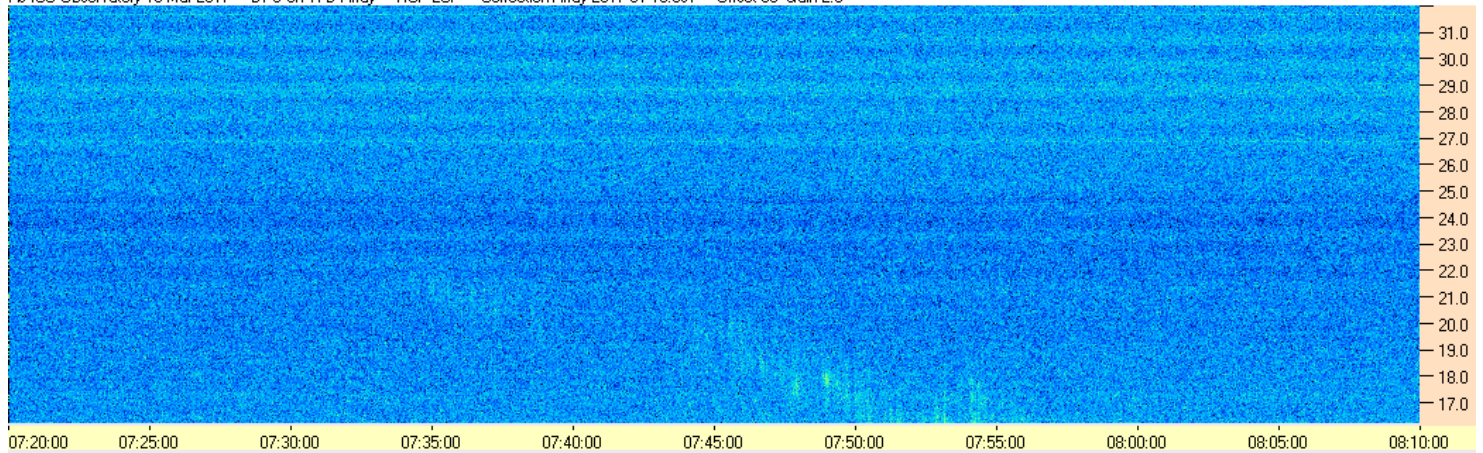
AJ4CO Observatory 18 Mar 2017 - DPS on TFD Array - RCP - Correction Array 2017 01 10.csv - Offset 2070 Gain 5.0



AJ4CO Observatory 18 Mar 2017 - DPS on TFD Array - LCP - Correction Array 2017 01 10.csv - Offset 2070 Gain 5.0



AJ4CO Observatory 18 Mar 2017 - DPS on TFD Array - RCP-LCP - Correction Array 2017 01 10.csv - Offset 50 Gain 2.0



AJ4CO Observatory 18 Mar 2017 - DPS on TFD Array - LCP-RCP - Correction Array 2017 01 10.csv - Offset 50 Gain 2.0

