

Subject: [radiojove-data] 07 Mar 2014 non-Lo-A

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Date: 03/08/2014 20:39

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

Here's some non-Lo-A from Friday morning.

RCP L-bursting observed from 16 to 32 MHz.

Jupiter was 20° to 31° off axis.

Jupiter was trailing the Sun by 114°.

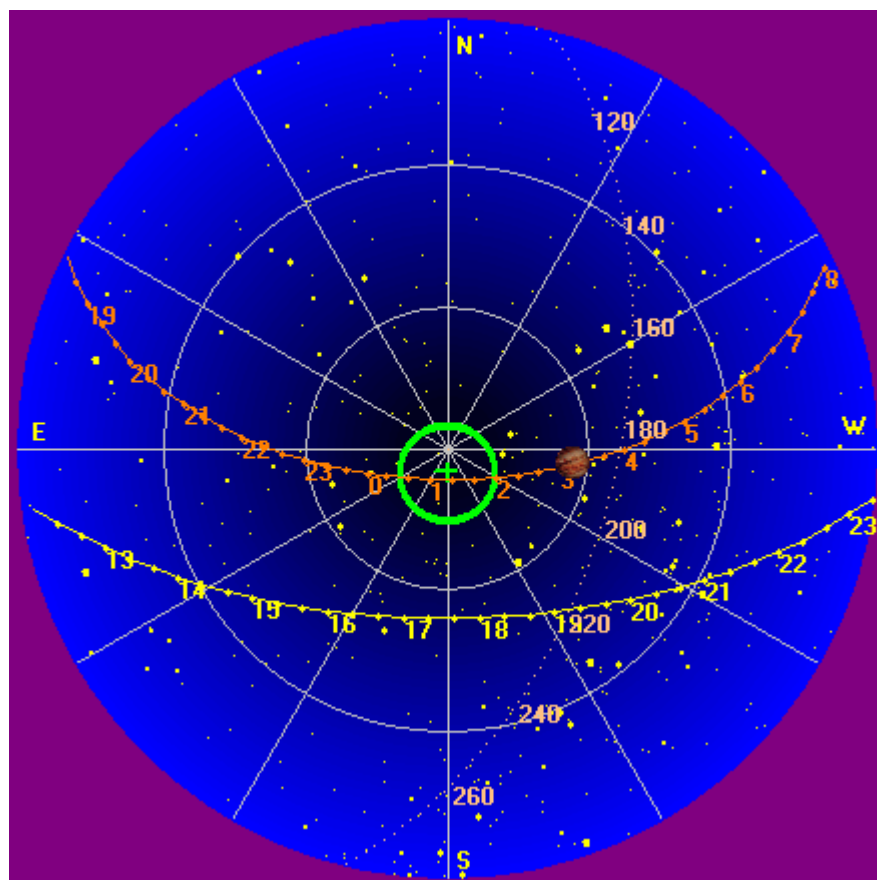
The 10.7 cm (2.8 GHz) solar flux has been slightly elevated, which usually indicates good propagation conditions. This means hams are happy and Jovians are not. The shortwave bands below 18 MHz barely faded at all that morning. When the Sun is inactive and propagation is poor, that band is dead for at least several hours.

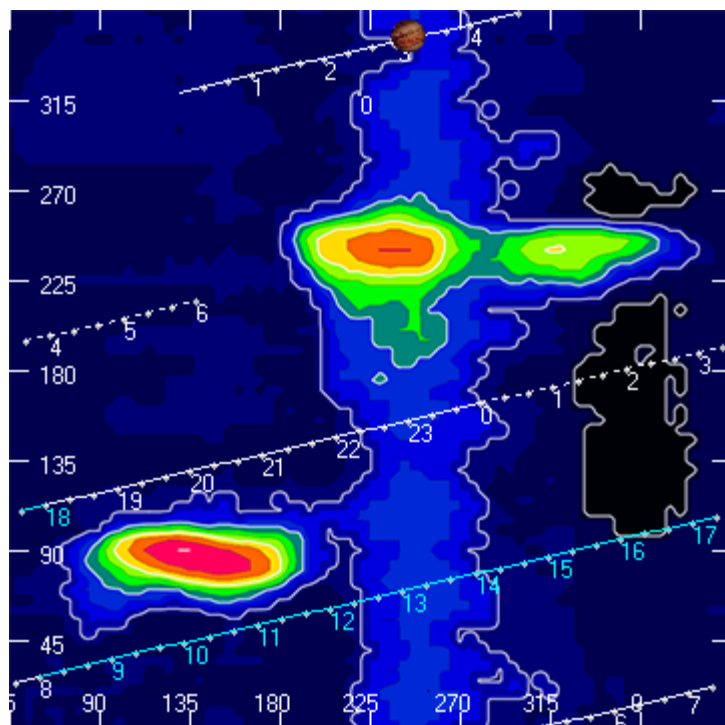
<http://www.spaceweather.gc.ca/solarflux/sx-eng.php>

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Dave

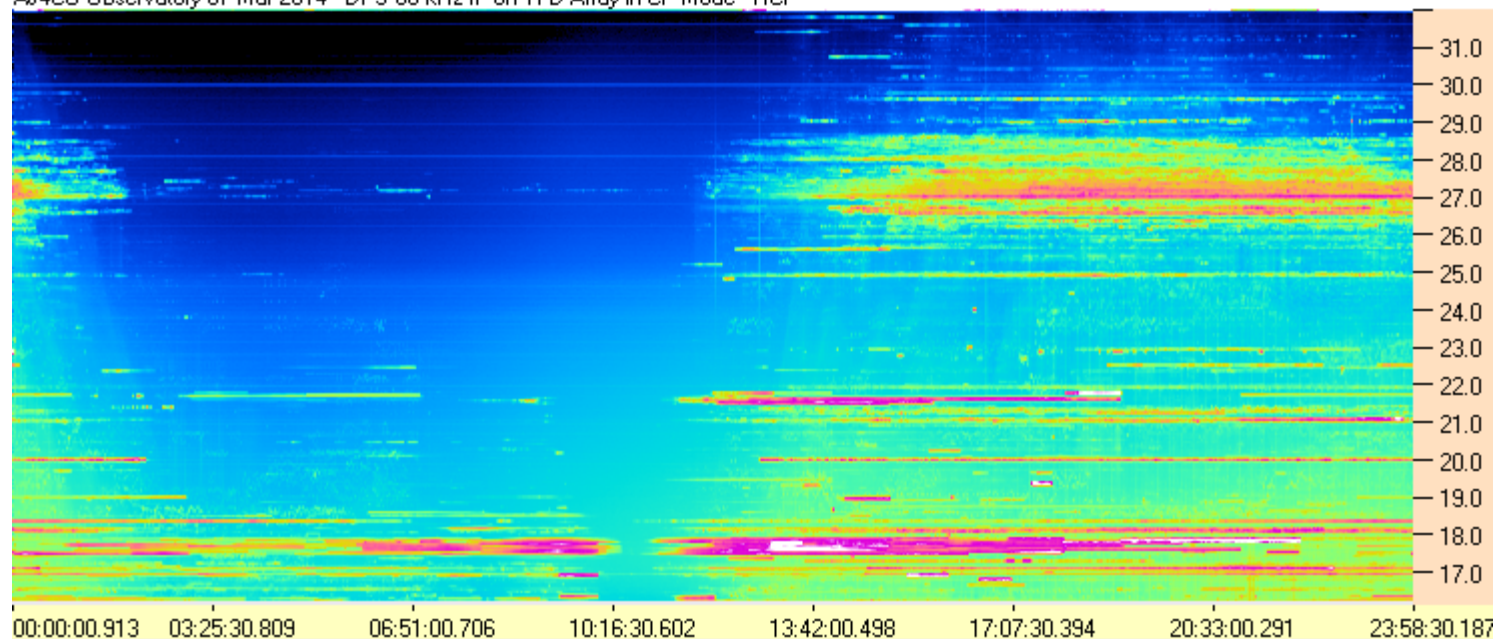
AJ4CO Observatory, 07 Mar 2014





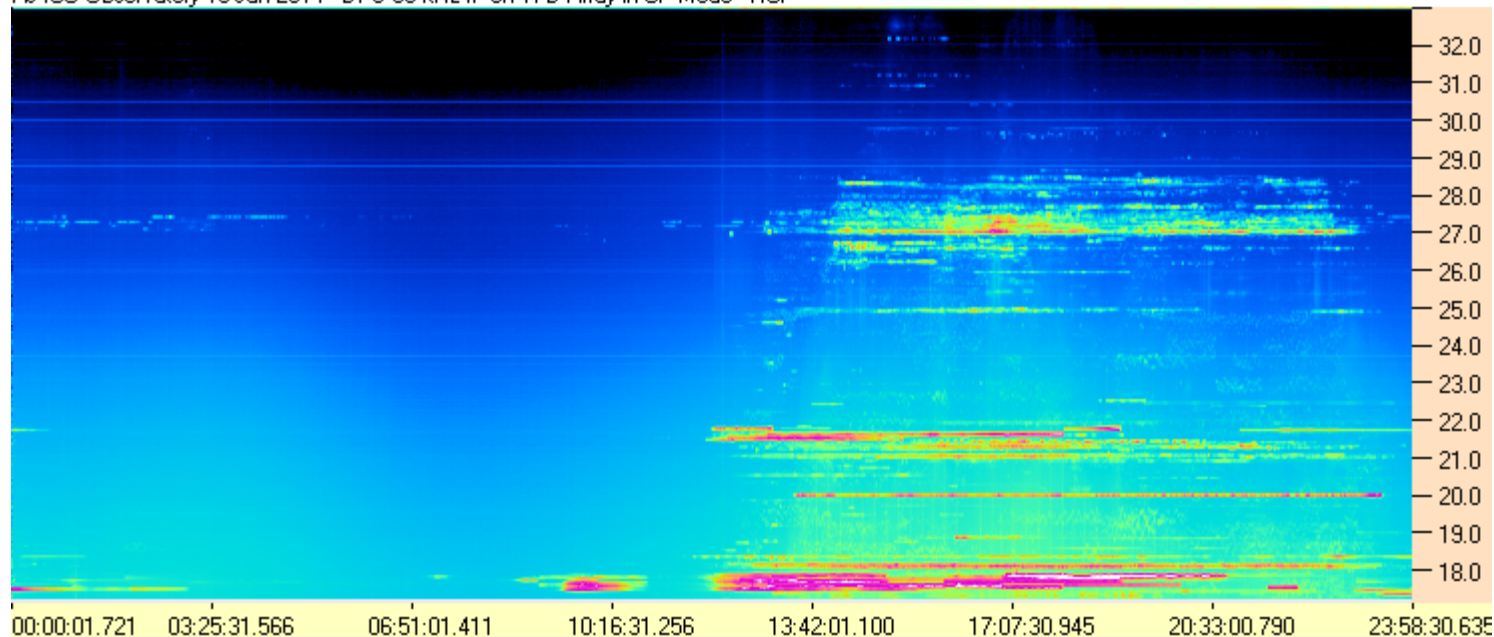
Good propagation conditions partially masking the Jovian emission circa 0300 UTC:

AJ4CO Observatory 07 Mar 2014 - DPS 60 kHz IF on TFD Array in CP Mode - RCP

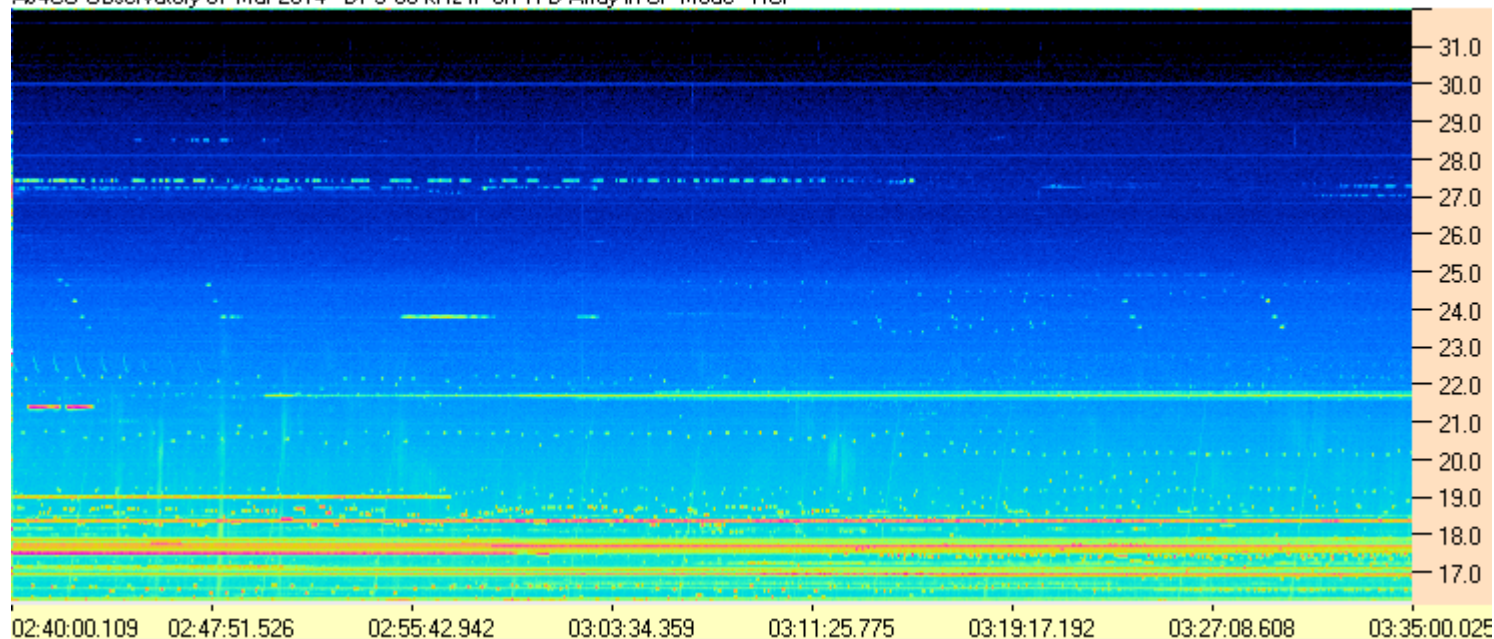


Compared to a day with a lower solar flux and poor propagation conditions:
Note: color gain and offset configured the same in both spectrograms.

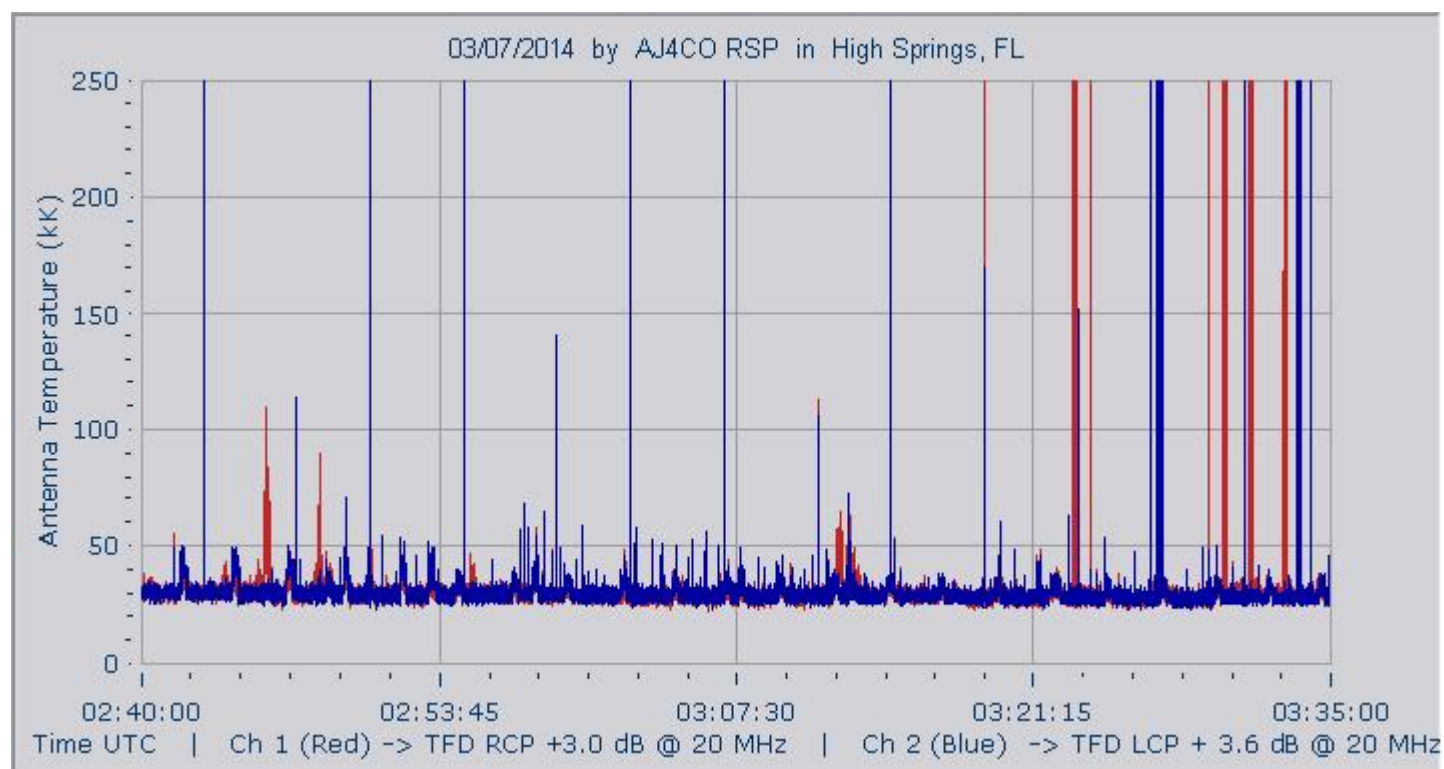
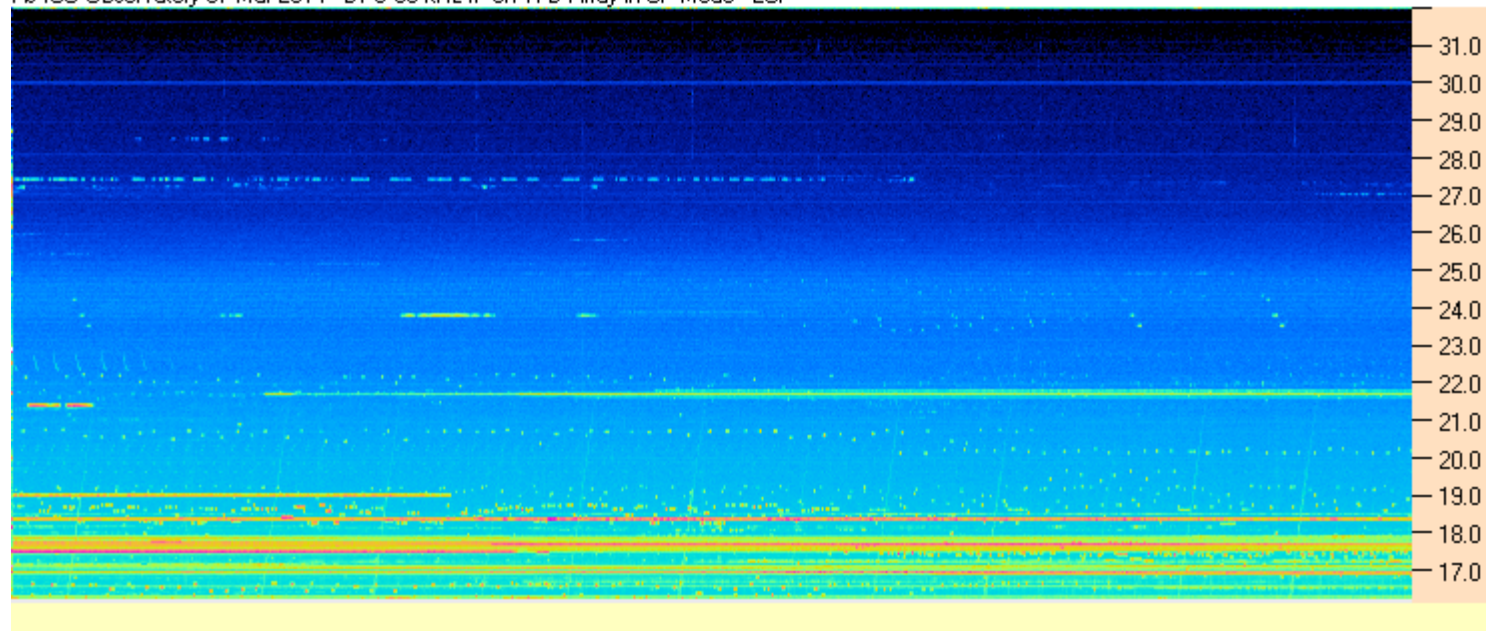
AJ4CO Observatory 19 Jan 2014 - DPS 60 kHz IF on TFD Array in CP Mode - RCP



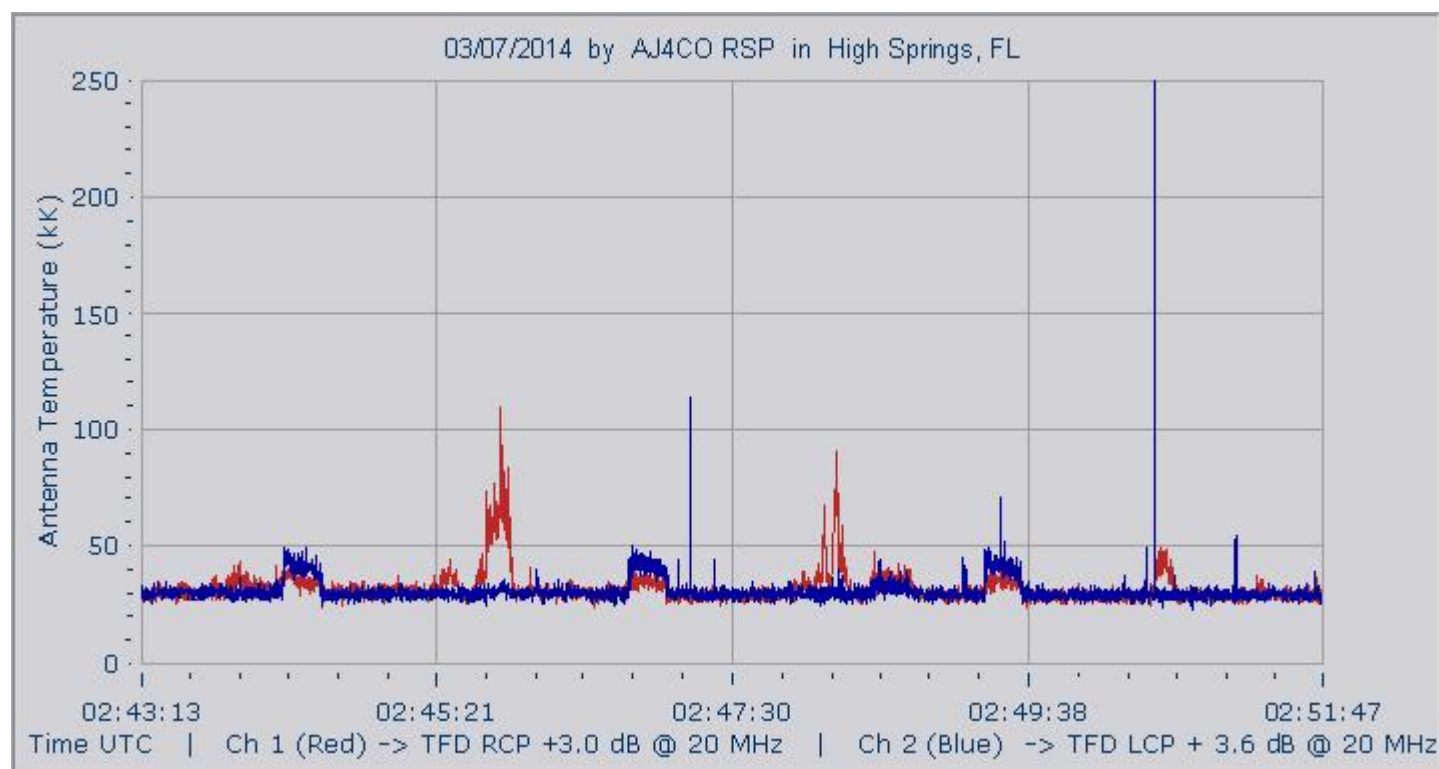
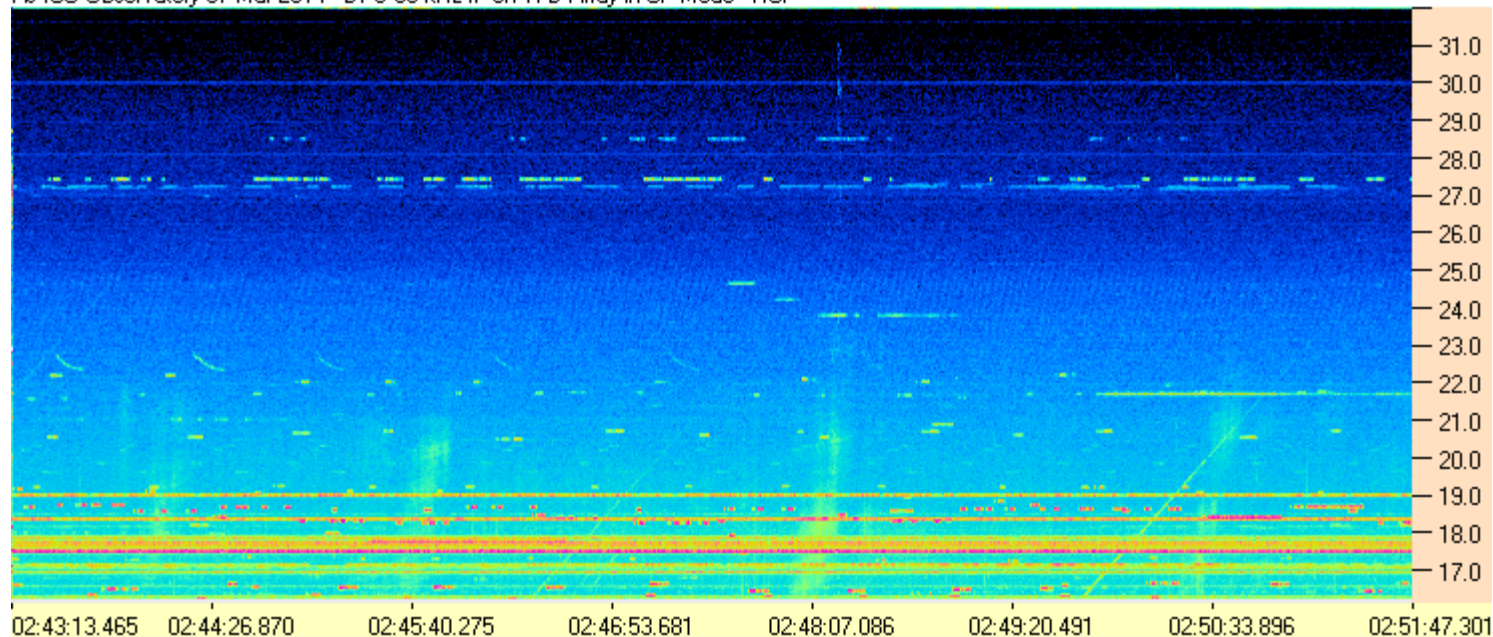
AJ4CO Observatory 07 Mar 2014 - DPS 60 kHz IF on TFD Array in CP Mode - RCP



AJ4CO Observatory 07 Mar 2014 - DPS 60 kHz IF on TFD Array in CP Mode - LCP



AJ4CO Observatory 07 Mar 2014 - DPS 60 kHz IF on TFD Array in CP Mode - RCP



AJ4CO Observatory 07 Mar 2014 - DPS 60 kHz IF on TFD Array in CP Mode - RCP

