

Subject: [radiojove-data] 13 Jul 2014 Io-A + Solar
From: Dave Typinski <davetyp@typnet.net>
Date: 07/14/2014 18:21
To: RadioJove-Data <radiojove-data@lists.nasa.gov>

Here's some Io-A from Sunday just after local noon, along with a Type III solar burst.

The Jovian emission was RCP dominant L bursting visible from 18 to 26 MHz; no modulation lanes.

The Jovian emission looks different than it does at opposition. It is smoother. I wonder if some of this smoothness is due to propagation through the solar corona, or if all the differences are due to greater ionization of the terrestrial ionosphere.

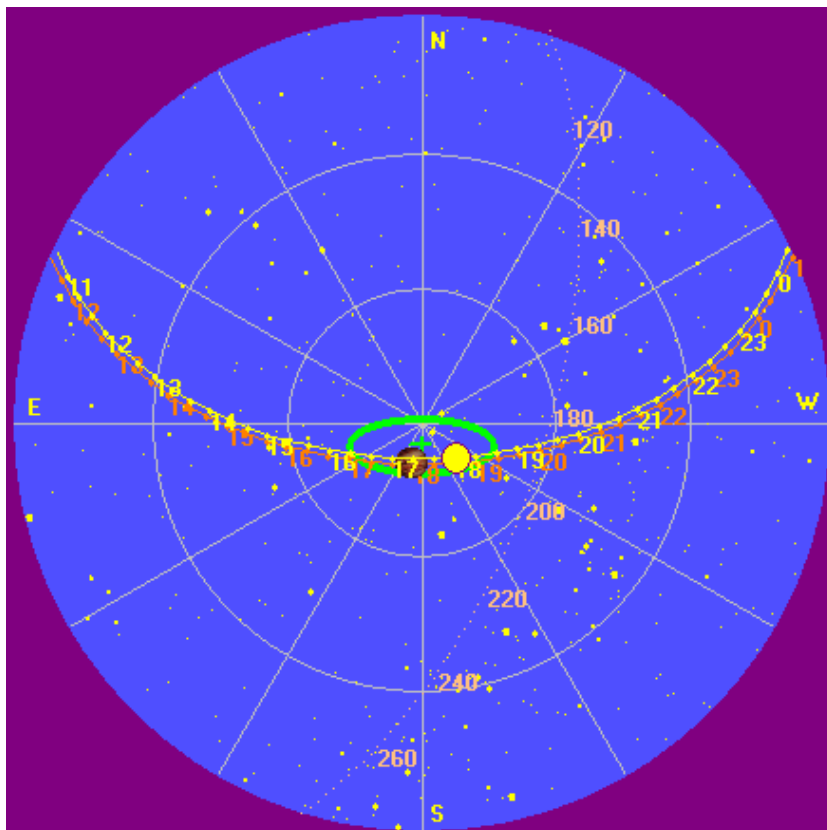
Jupiter was -13° to $+9^\circ$ off axis.

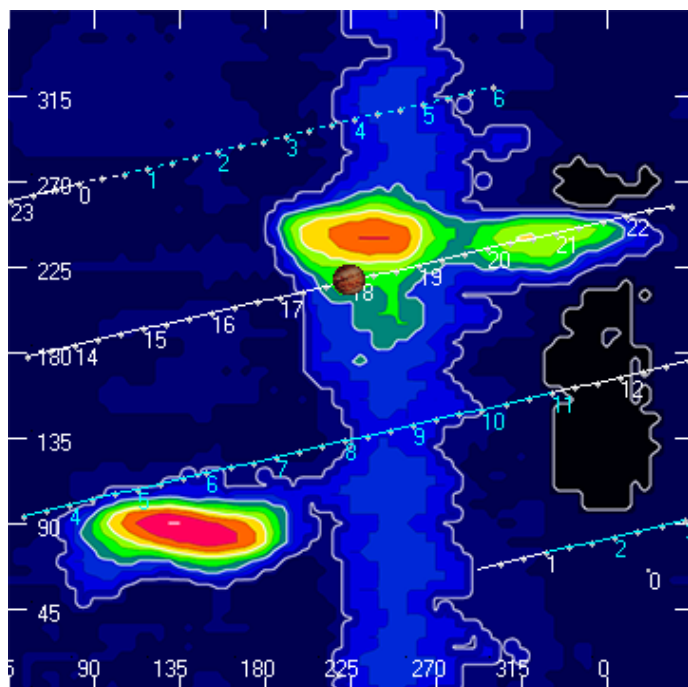
Jupiter was trailing the Sun by 8° .

--

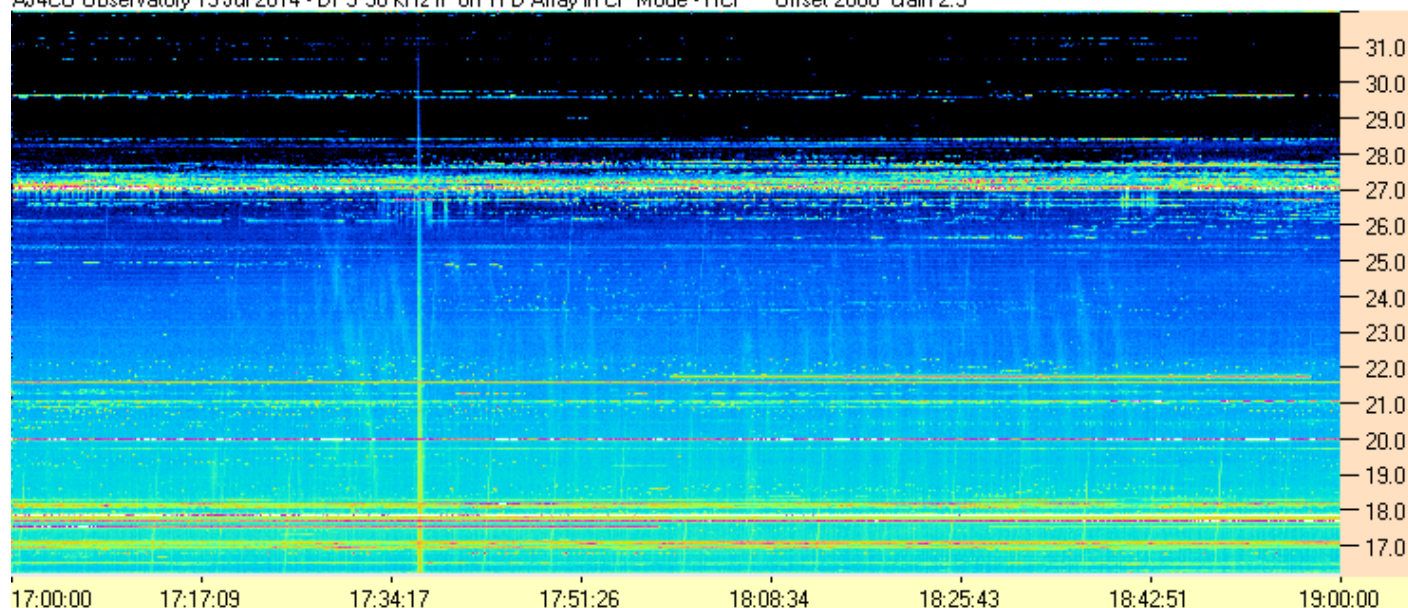
Dave

AJ4CO Observatory 13 Jul 2014

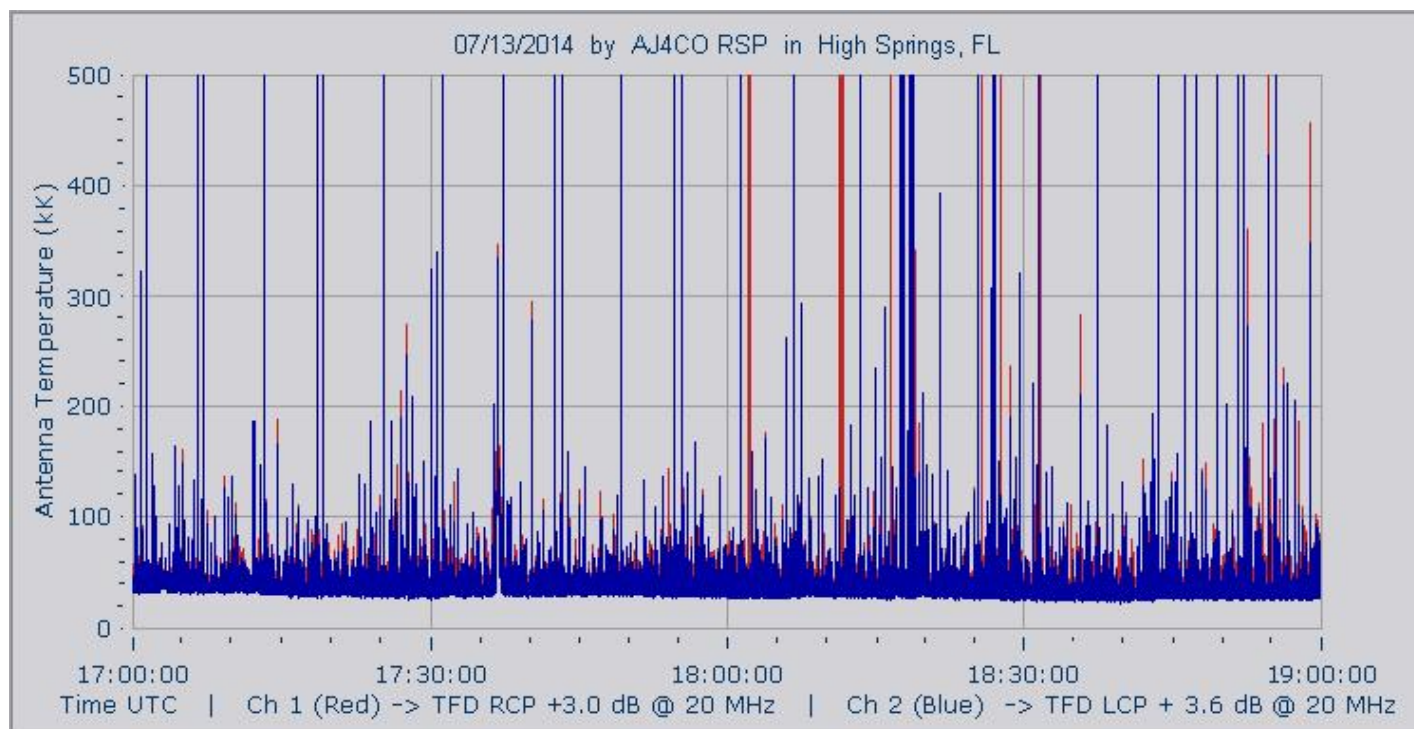
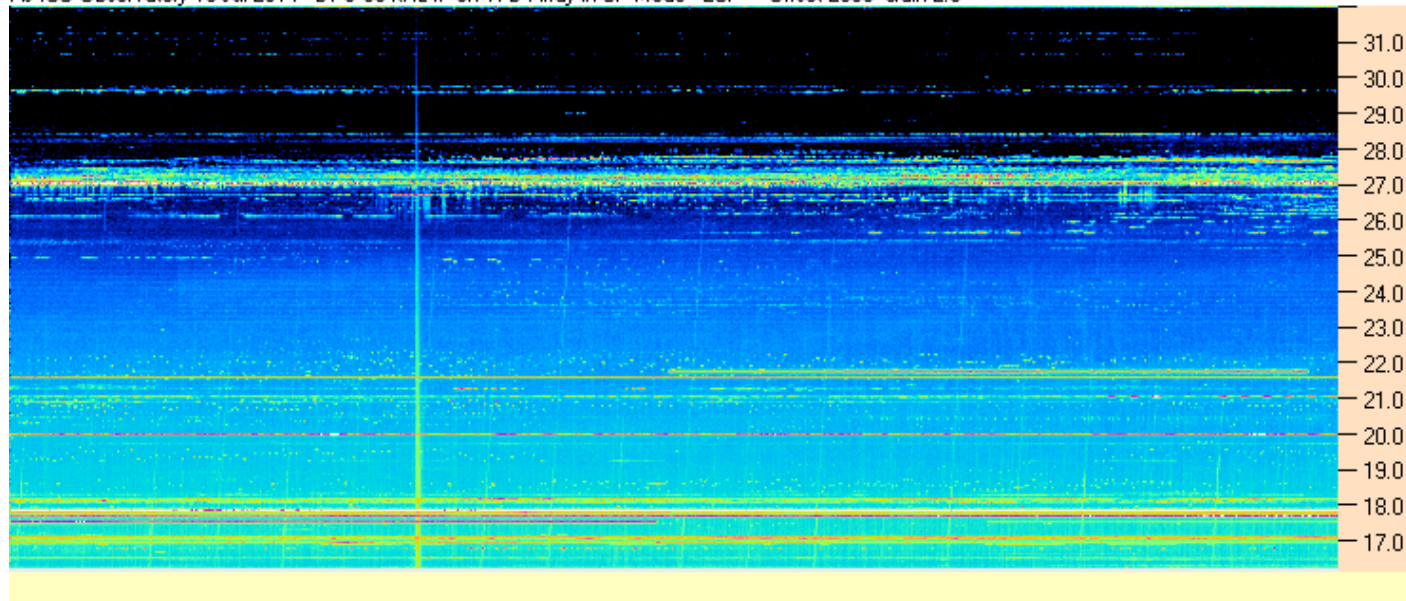




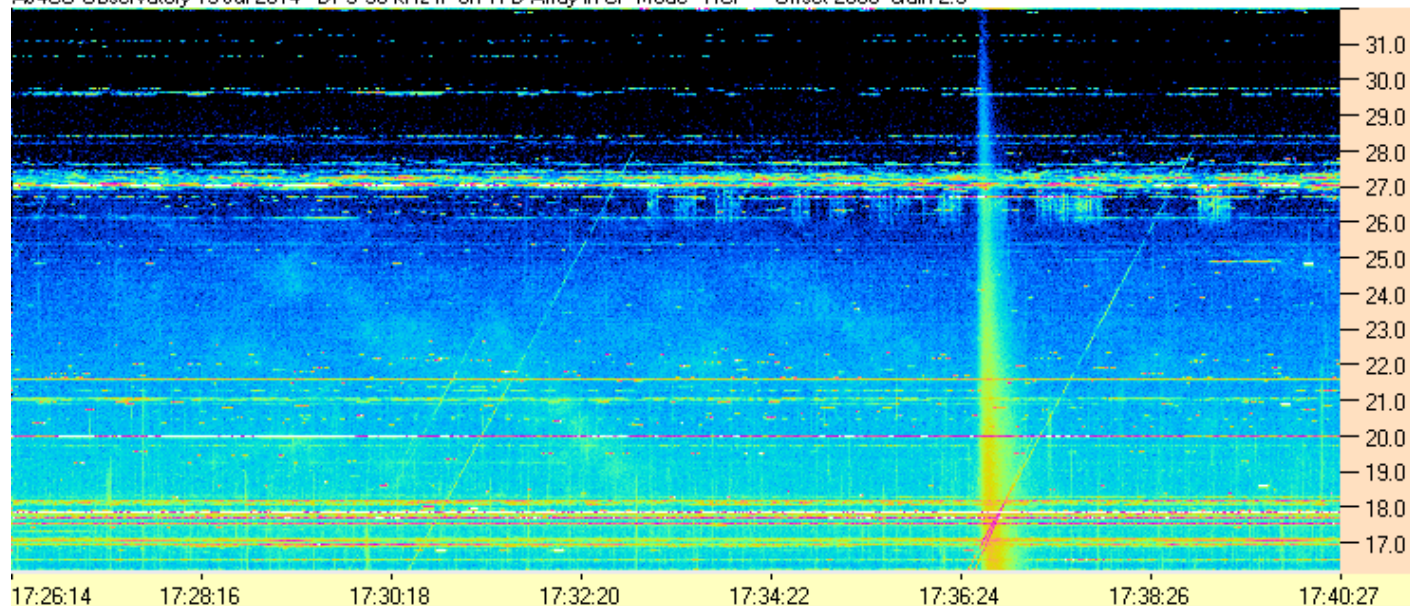
AJ400 Observatory 13 Jul 2014 - DPS 30 kHz IF on TFD Array in CP Mode - RCP Offset 2000 Gain 2.5



AJ4CO Observatory 13 Jul 2014 - DPS 30 kHz IF on TFD Array in CP Mode - LCP Offset 2000 Gain 2.5



AJ4CO Observatory 13 Jul 2014 - DPS 30 kHz IF on TFD Array in CP Mode - RCP Offset 2000 Gain 2.5



AJ4CO Observatory 13 Jul 2014 - DPS 30 kHz IF on TFD Array in CP Mode - LCP Offset 2000 Gain 2.5

