

Subject: [radiojove-data] 04 Feb 2016 Solar with polarization flip

From: Dave Typinski <davetyp@typnet.net>

Date: 02/05/2016 18:49

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

Adding to Tom, Dick and John's nice reports (ever think of changing your name to Harry?), here's a Florida view of the hot solar burst from Thursday afternoon.

Very interesting polarization flip-flop, first RCP then LCP. What does this mean? What can we infer from this about the emission process?

The Sun was, apparently, near a 25 MHz null in the TFD array's pattern.

Prepared by the U.S. Dept. of Commerce, NOAA, Space Weather Prediction Center
Edited Events for 2016 Feb 04

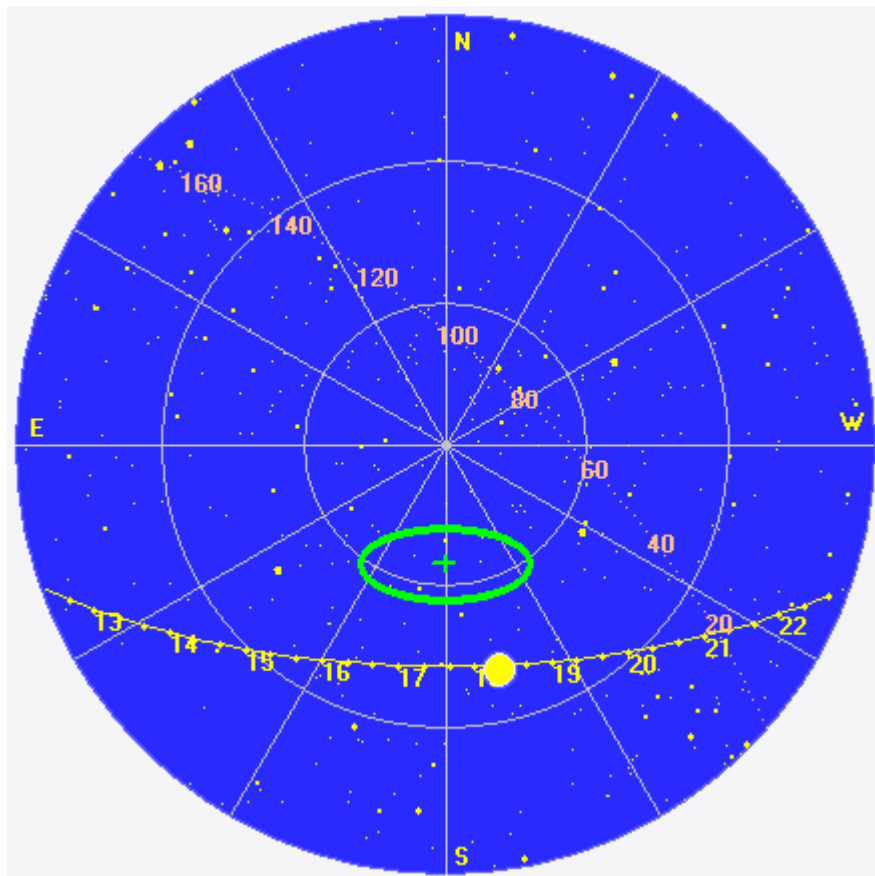
#Event	Begin	Max	End	Obs	Q	Type	Loc/Frq	Particulars	Reg#
2750 +	1818	////	1820	SAG	C	RSP	025-180	III/2	2494

<ftp://ftp.swpc.noaa.gov/pub/indices/events/README>

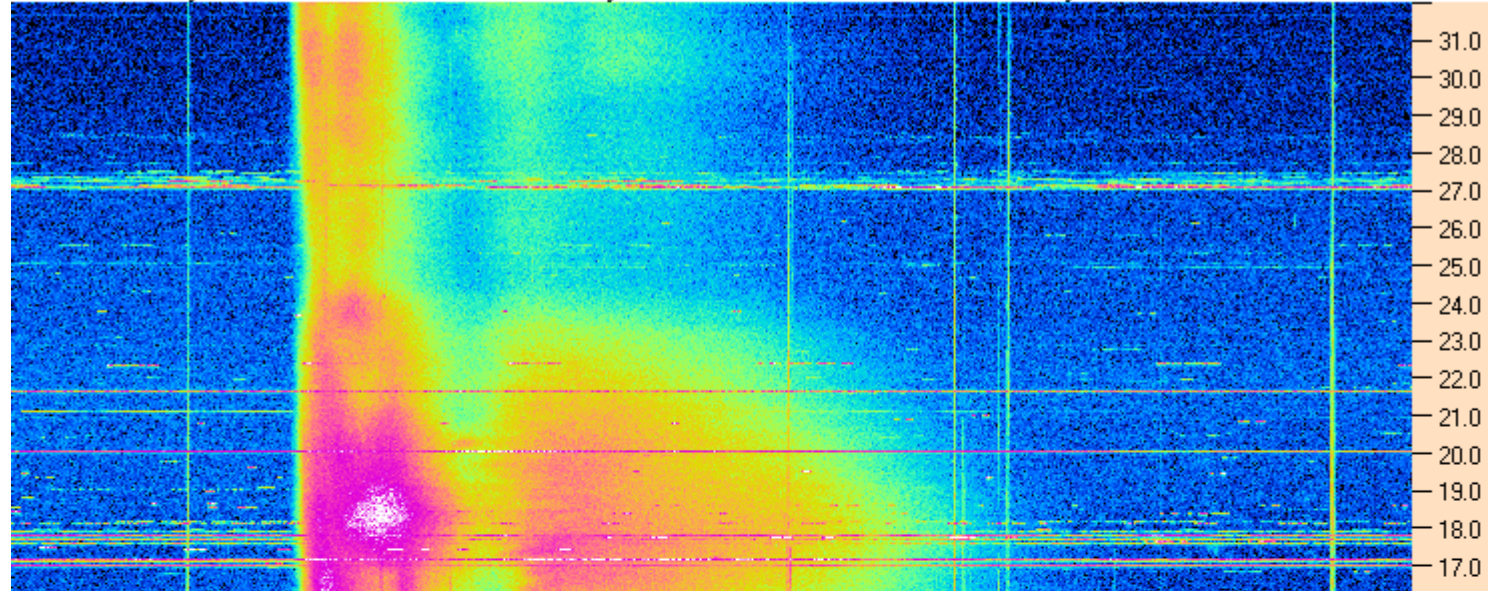
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Dave

AJ4CO Observatory 04 Feb 2016



AJ4CO Observatory 04 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 2.25



18:18:00 18:18:34 18:19:09 18:19:43 18:20:17 18:20:52 18:21:26 18:22:00

AJ4CO Observatory 04 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 2.25

