

JOVIAN DAM OBSERVATION REPORT Log Entry 887–889

25 Feb 2017 nA/nD/C

Some non-Io-A, non-Io-D, and Io-C.

RCP dominant L bursts 0651–0720 UTC from 16 to 23 MHz, negative frequency drift emission envelopes. (non-Io-A) Naming this one as non-Io because experience indicates Io-A has an emission envelope that is curved in the time-freq plane and faster drifting, while non-Io emission usually (always?) has an emission envelope that drifts linearly (at least in the 16-32 MHz range) and is slower drifting.

LCP dominant L bursts 0704-0741 UTC from 16 to 24 MHz, positive frequency drift emission envelopes. (non-Io-D)

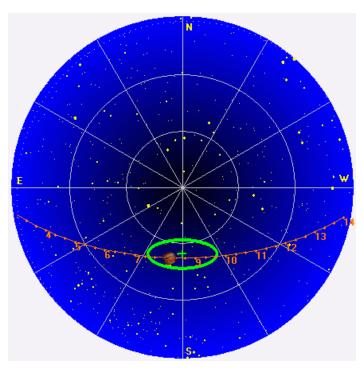
LCP dominant L bursts 0900-0930 UTC from 16 to 19 MHz, negative frequency drift emission envelopes. (Io-C)

Weak line noise starting ca. 0845 UTC.

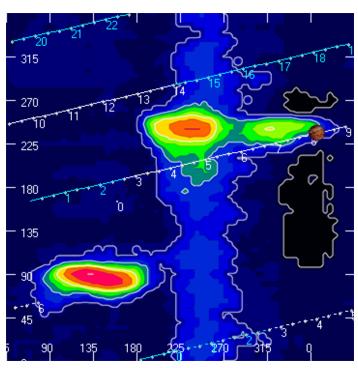
Jupiter was -26° to $+14^{\circ}$ off axis.

Jupiter was leading the Sun by 134°.

Jupiter's location at midpoint of observed emission (0810 UTC)



Sky map with array HPBW in green.



CML-Io phase plane.

