

MRAO - SUG OBSERVATION REPORT

Observatory: MRAO
Location: Mountain Rest, South Carolina
Observer: Andrew S. Mount

Instrumentation: FSX-3,10bit
 RJ-1@20.1MHz

Event

Start Date of Event:	14 Oct 2013
End Date of Event:	14 Oct 2013
Storm Type:	Io C Event
Observer On Duty (UTC)	Unattended
Observer Off Duty (UTC)	Unattended

Spectrograph Settings

Channels	Range MHz	Color Offset	Color Gain	Comments
400	17-27	350	5	Ver 2.2.19

Jovian Storm Ephemerides

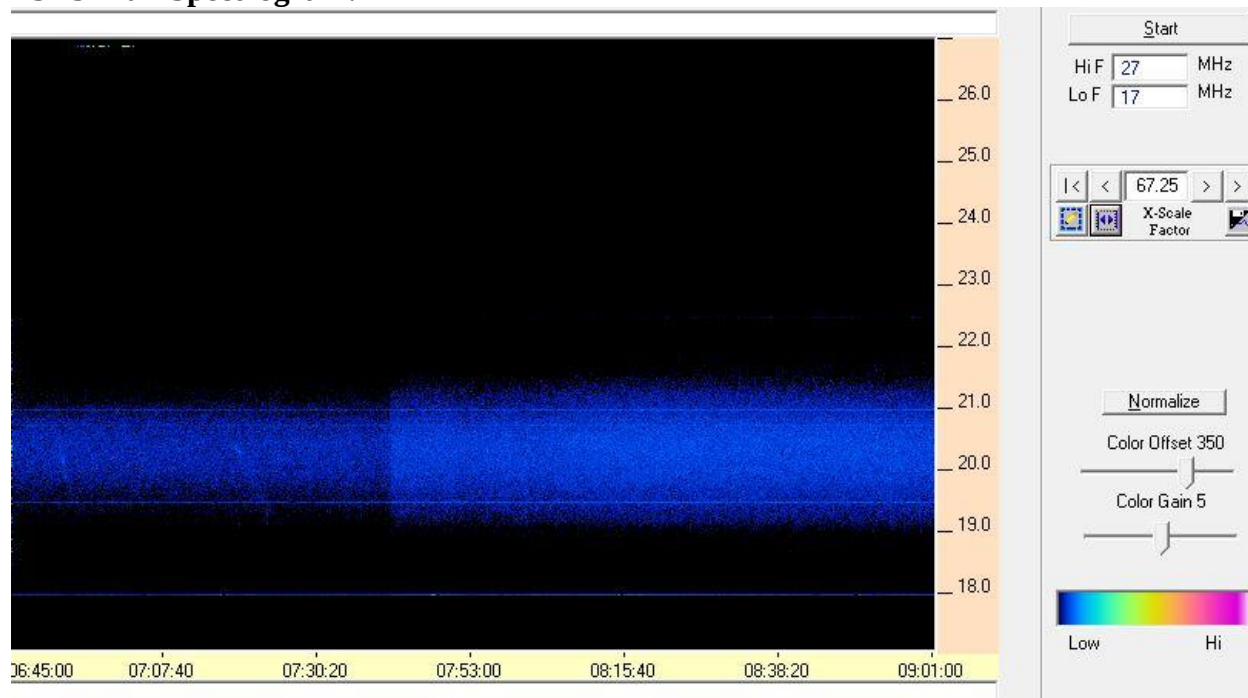
Interval	UTC	CML-III	Io SGC	Off Axis	D _E	J→S ∠	Δ J→E
Begin	6:45:00	+287.510	+226.474	+63.667	+1.71245471	- 91.51125	+5.03965655
Center	7:53:00	+328.619	+236.127	+48.476	+1.71227813	- 91.55446	+5.03892932
End	9:01:00	+9.728	+245.769	+33.085	+1.71210169	- 91.59767	+5.03820211

Data Files

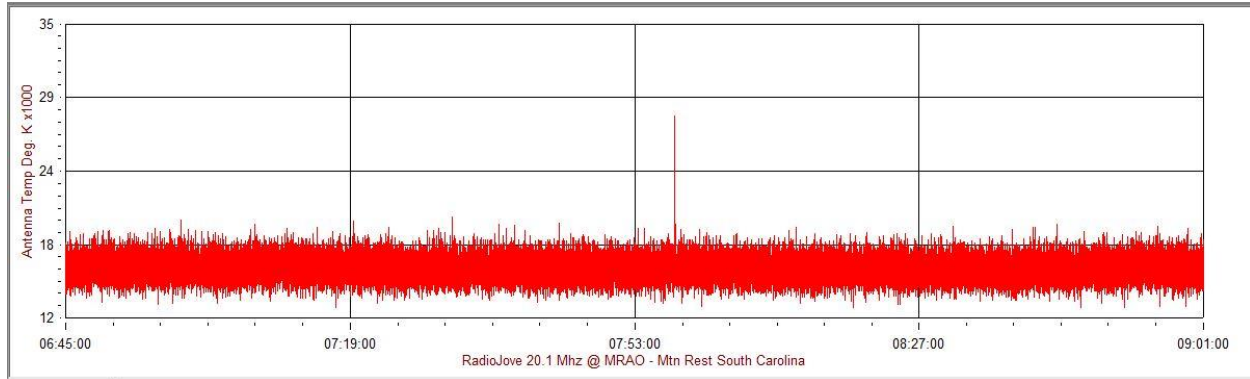
Instrumentation	(MRAO-DMY- STORM)	Size (MB)
FSX-3	20131014-MRAO-IoA-645-900 UTC.sps	31.601
RJ-1	UT131014031202.spd	6.182

Notes: Event occurred on the edge of the antenna pattern. Difficult to detect.

FSX3- Full Spectrogram:



RJ-1 Tracing:



CML-Io Phase Plane & Sky-Antenna Map:

