

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:	15 Oct 2013
End Date of Event:	15 Oct 2013
Storm Type:	Io B 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

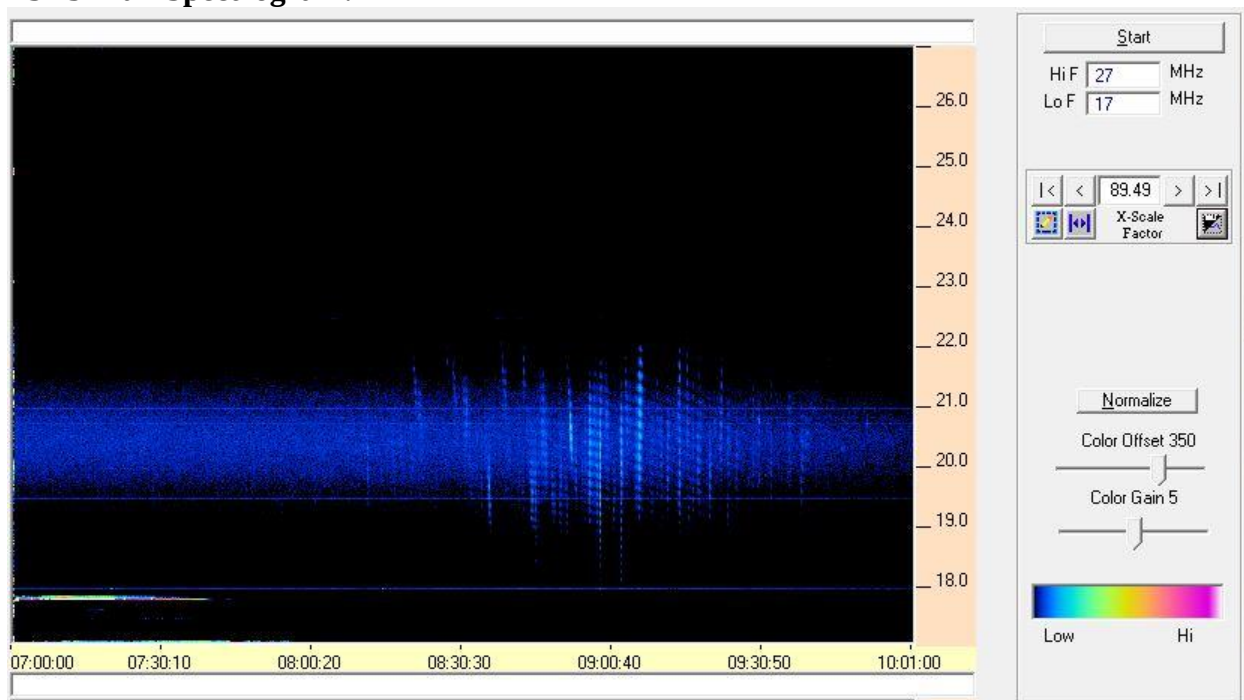
Jovian Storm Ephemerides

Interval	UTC	CML-III	Io SGC	Off Axis	D _E	J→S ∠	Δ J→E
Begin	7:00:00	+87.118	+71.238	+59.538	+1.70870667	- 92.43747	+5.02410017
Center	8:30:00	+141.527	+83.943	+39.301	+1.70847692	- 92.49487	+5.02313824
End	10:00:00	+195.936	+96.672	+18.857	+1.70824742	- 92.55229	+5.02217637

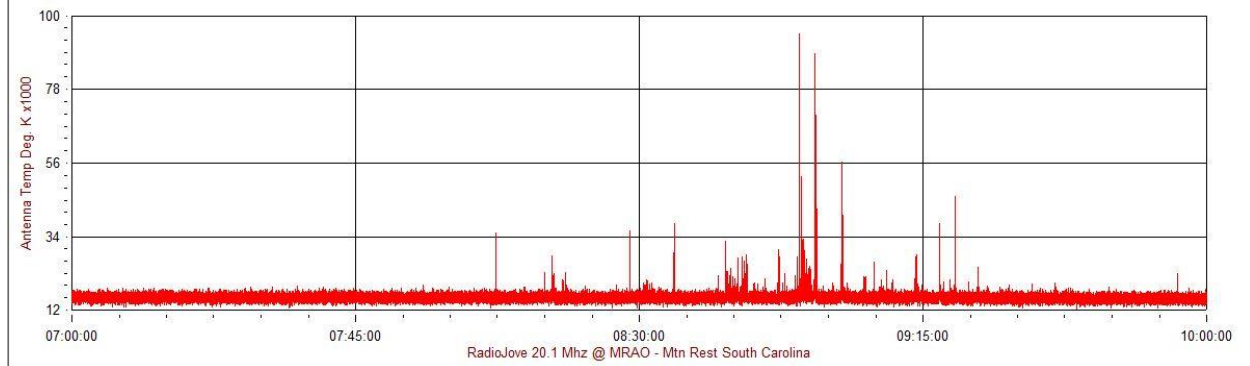
Data Files

Instrumentation	(MRAO-DMY- STORM)	Size (MB)
FSX-3	20131015-MRAO- IoB-0700-1001 h UTC.sps	42.056
RJ-1	UT131015031203.spd	6.183

Notes: A very bright event

FSX3- Full Spectrogram:

RJ-1 Tracing:



CML-Io Phase Plane & Sky-Antenna Map:

