

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:	12 Oct 2013
End Date of Event:	12 Oct 2013
Storm Type:	Io-A 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	3.1	Software version 2.2.19

Jovian Storm Ephemerides

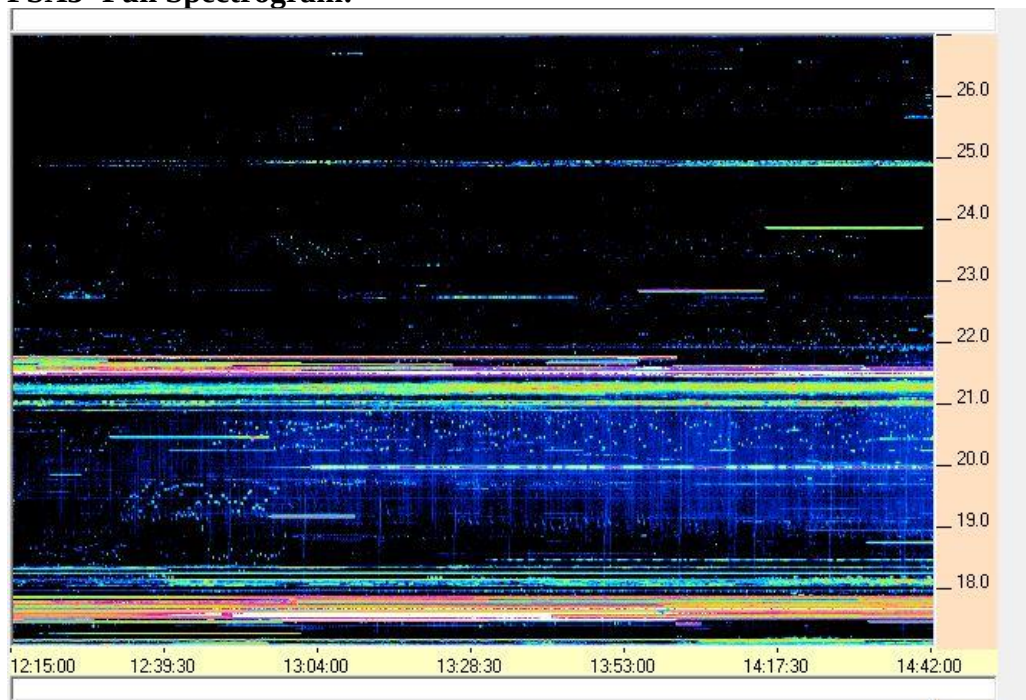
Interval	UTC	CML-III	Io SGC	Off Axis	D _E	J→S ∠	Δ J→E
Begin	12:15:00	+185.937	+226.146	+10.317	+1.71917549	- 89.89626	+5.06693556
Center	13:28:30	+230.370	+236.582	+26.919	+1.71897909	- 89.94267	+5.06614917
End	14:42:00	+274.804	+247.004	+43.597	+1.71878286	- 89.98908	+5.06536277

Data Files

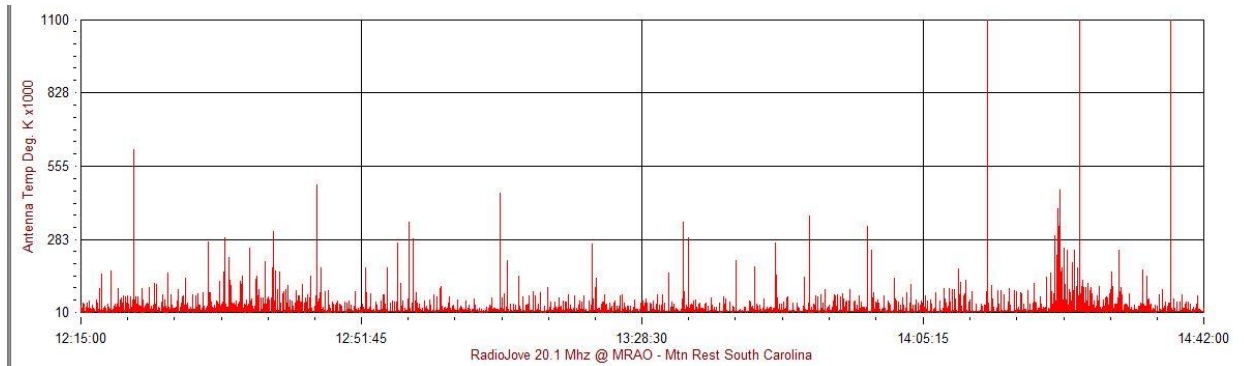
Instrumentation	(MRAO-DMY- STORM)	Size (MB)
FSX-3	20131012-MRAO-IoA-12-1430-UTC.sps	34.157
RJ-1	UT131012115812.spd	6.187

Notes:

FSX3- Full Spectrogram:



RJ-1 Tracing:



CML-Io Phase Plane & Sky-Antenna Map:

