

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 Sep 2013
End Date of Event:	12 Sep 2013
Storm Type:	Io A & C Events
Observer On Duty (UTC)	Unattended
Observer Off Duty (UTC)	Unattended

Spectrograph Settings

Channels	Range MHz	Color Offset	Color Gain	Comments
400	18-27	285	2.25	Version 2.2.19

Jovian Storm Ephemerides

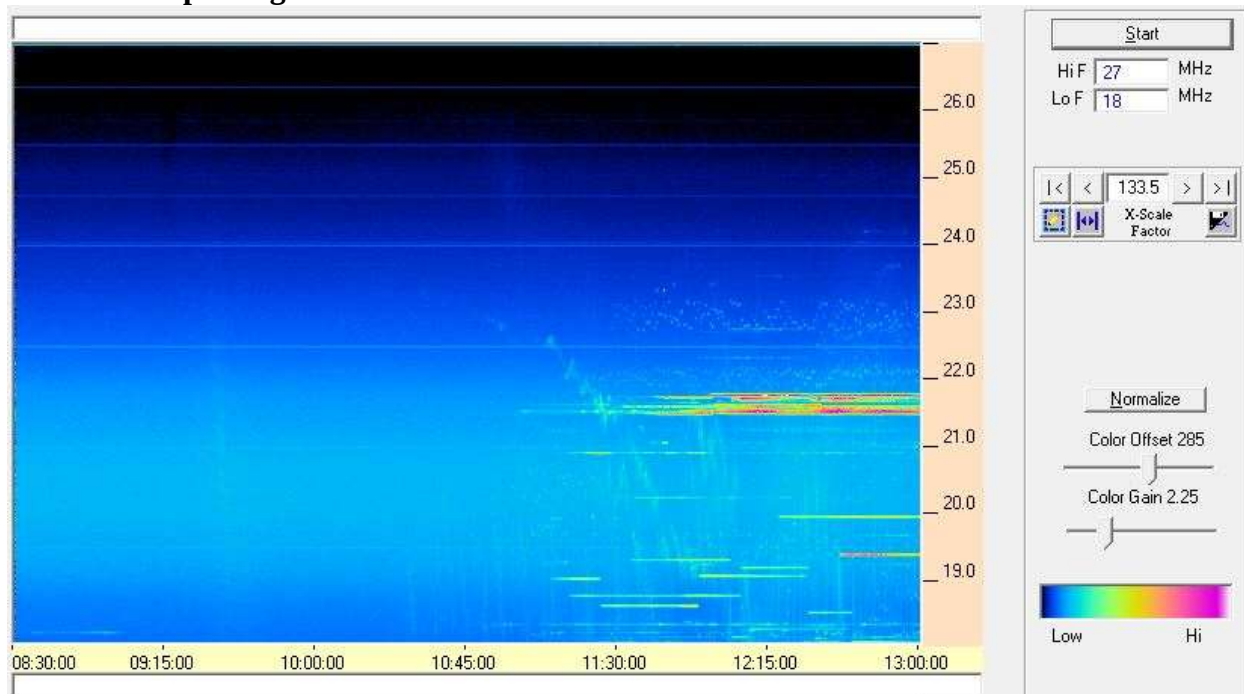
Interval	UTC	CML-III	Io SGC	Off Axis	D _E	J→S ∠	Δ J→E
Begin	7:56:00	+194.621	+206.743	+72.056	+1.85754958	+63.87783	+5.51467955
Center	9:29:00	+250.838	+219.983	+51.486	+1.85721601	+63.93081	+5.51379004
End	11:02:00	+307.055	+233.215	+30.476	+1.85688256	+63.98379	+5.51290011

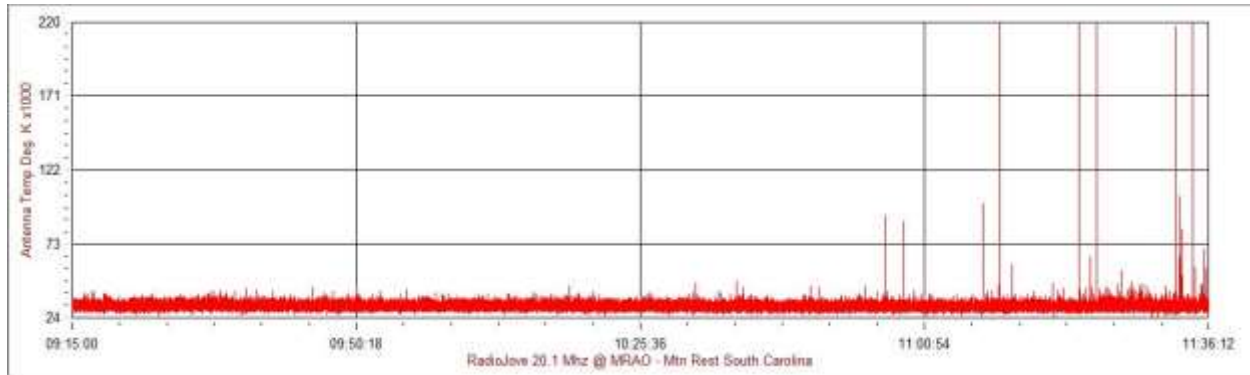
Data Files

Instrumentation	(MRAO-DMY- STORM)	Size (MB)
FSX-3	20130912-MRAO-IoA and Io C- 13h.sps	62.735
RJ-1	UT130912003612.spd	6.182

Notes:

FSX3- Full Spectrogram:



RJ-1 Tracing:**CML-Io Phase Plane & Sky-Antenna Map:**