

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:	05 Oct 2013
End Date of Event:	05 Oct 2013
Storm Type:	IoA Event
Observer On Duty (UTC)	Unattended
Observer Off Duty (UTC)	Unattended

Spectrograph Settings

Channels	Range MHz	Color Offset	Color Gain	Comments
400	17-27	322	2.4	Ver 2.2.19

Jovian Storm Ephemerides

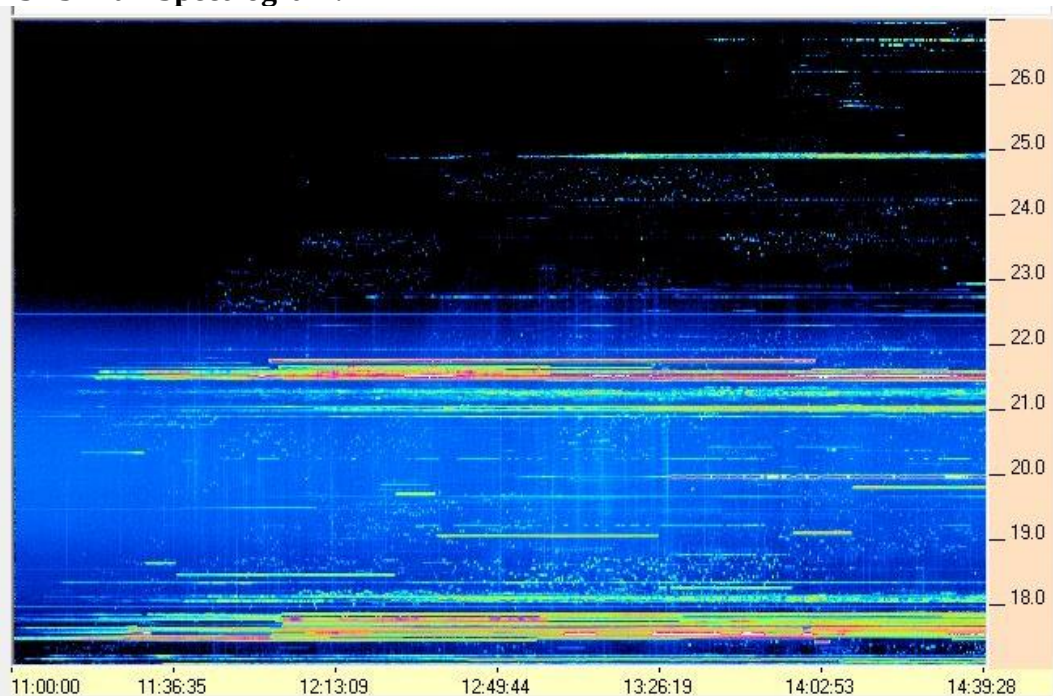
Interval	UTC	CML-III	Io SGC	Off Axis	D _E	J→S ∠	Δ J→E
Begin	11:00:00	+166.936	+231.238	+13.334	+1.74776139	- 83.56720	+5.17535974
Center	12:50:00	+233.434	+246.851	+12.557	+1.74743710	- 83.63489	+5.17419024
End	14:40:00	+299.931	+262.433	+37.504	+1.74711311	- 83.70260	+5.17302057

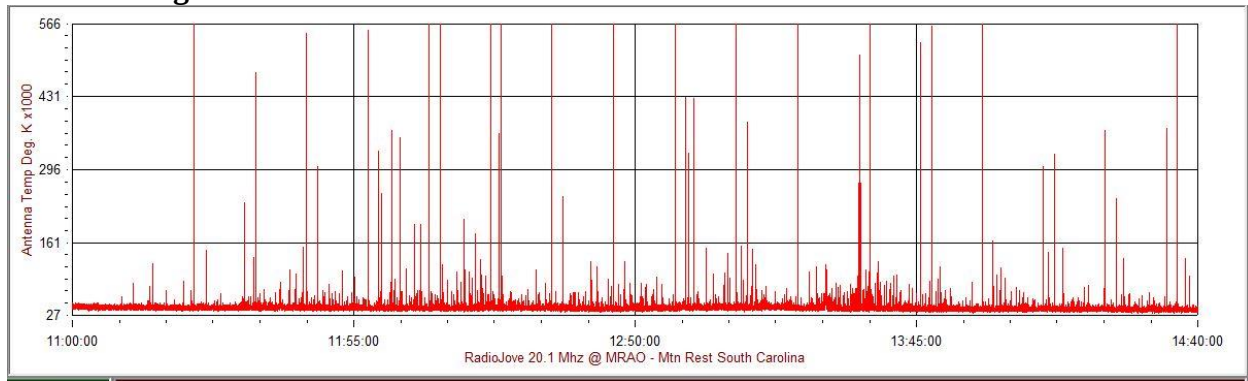
Data Files

Instrumentation	(MRAO-DMY- STORM)	Size (MB)
FSX-3	20131003-MRAO-Io A -11-1439h UTC.sps	50.994
RJ-1	UT131005104043.spd	6.183

Notes:

FSX3- Full Spectrogram:



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