

MRAO - SUG OBSERVATION REPORT

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

Instrumentation: FSX-3 -10 bit
 RJ-1@20.1Mhz

Start Date of Event:	03 Oct 2013
End Date of Event:	03 Oct 2013
Storm Type:	Non-Io-A Event
Observer On Duty (UTC)	Unattended
Observer Off Duty (UTC)	Unattended

Jovian Storm Ephemerides

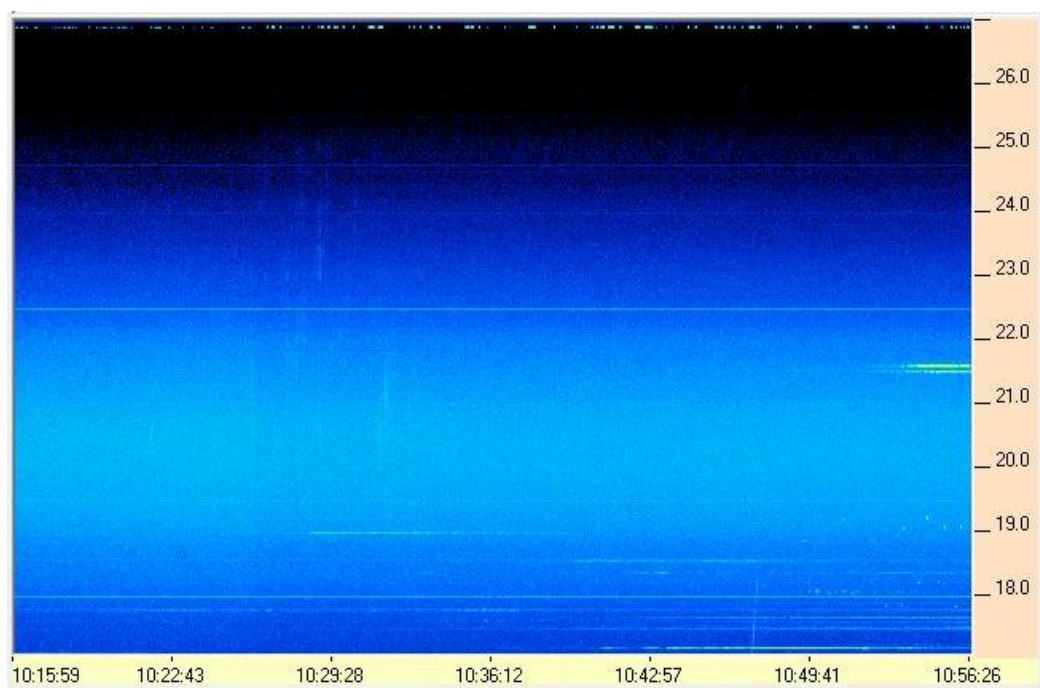
Interval	UTC	CML-III	Io SGC	Off Axis	D _E	J→S ∠	Δ J→E
Begin	10:20:00	+201.735	+178.264	+23.968	+1.75647836	- 81.77712	+5.20633863
Center	10:27:30	+206.269	+179.333	+22.264	+1.75645570	- 81.78171	+5.20625923
End	10:35:00	+210.803	+180.401	+20.560	+1.75643305	- 81.78629	+5.20617984

Data Files

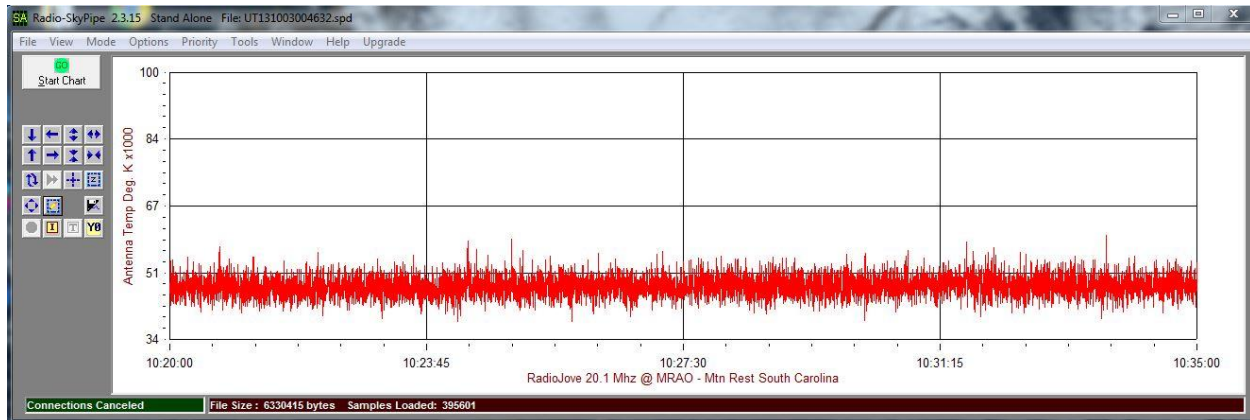
Instrumentation	(MRAO-DMY- STORM)	Size (MB)
FSX-3	MRAO-03102013-nonIoA.sps	23.4
RJ-1	UT131003004632nonA.spd	6.1

Notes: FSX-3 set to 400 channels 17-26 Mhz – Color Offset 289 Color Gain 2.25

FSX3- Full Spectrogram:



RJ-1 Tracing:



CML-Io Phase Plane & Sky-Antenna Map:

