

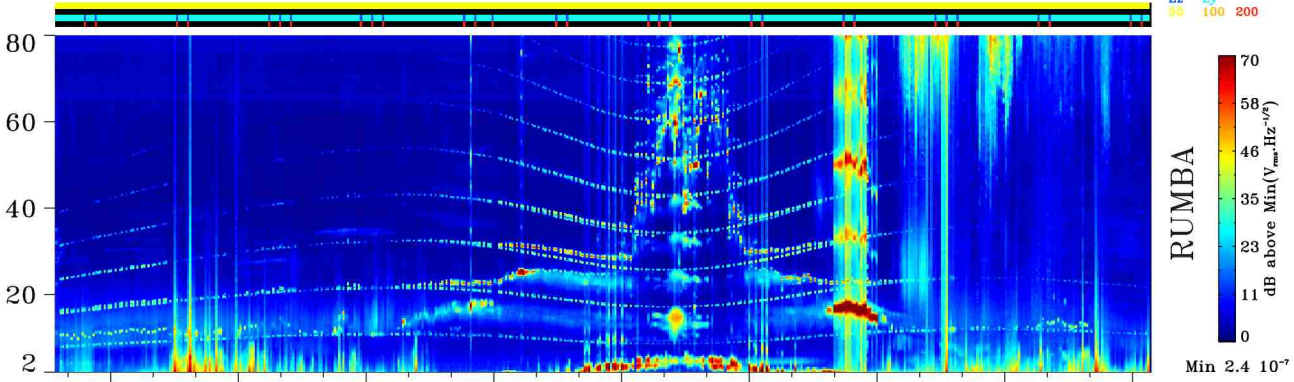
# CLUSTER-WHISPER ELECTRIC FIELD SPECTROGRAM

JAN 15, 2002 Day 15 Orbit 239

Method: Average

presence  
HBR Ez Ey  
50 100 200

C1



UT  
Sep(Km)

13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00
17056	18065	18929	19516	19731	19566	19098	18441	17700

RUMBA

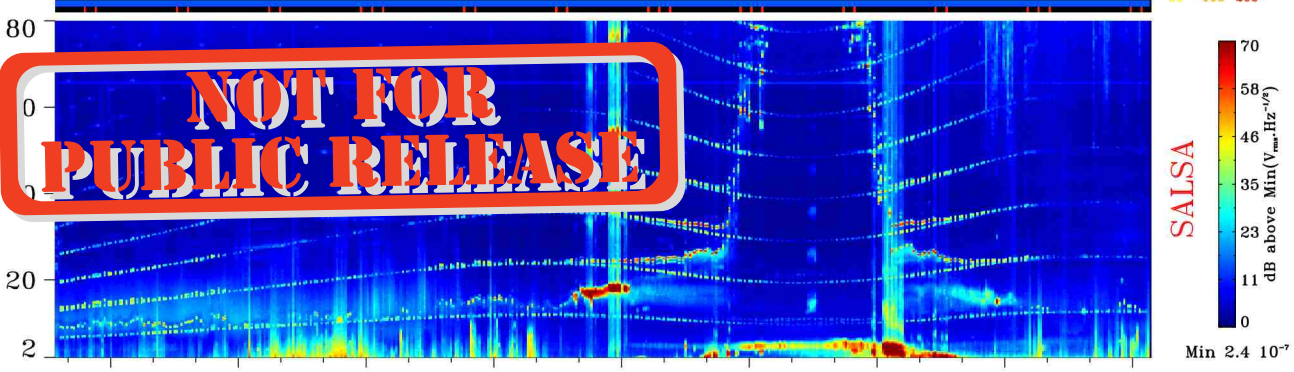
70  
58  
46  
35  
23  
11  
0

dB above Min( $V_{min} \cdot Hz^{-1/2}$ )

Min  $2.4 \cdot 10^{-7}$

presence  
HBR Ez Ey  
50 100 200

C2



UT  
Sep(Km)

13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00
24831	26059	27100	27793	28012	27711	26951	25869	24621

SALSA

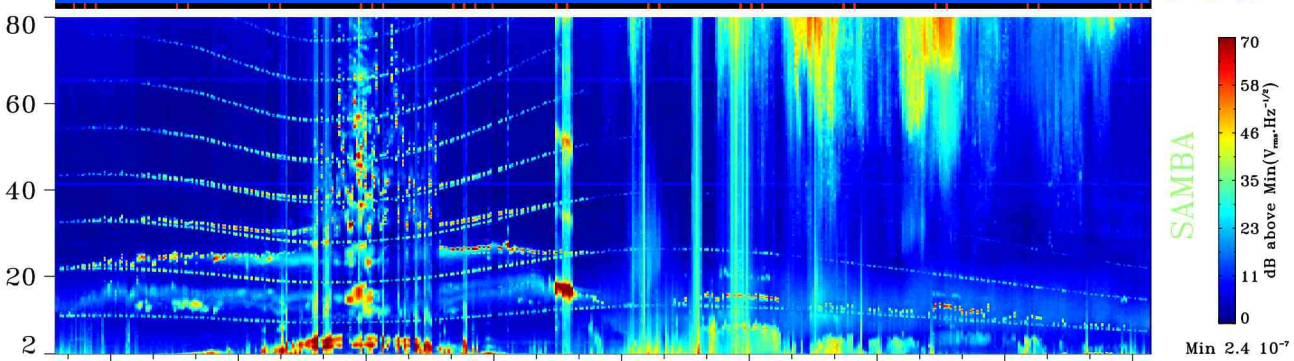
70  
58  
46  
35  
23  
11  
0

dB above Min( $V_{min} \cdot Hz^{-1/2}$ )

Min  $2.4 \cdot 10^{-7}$

presence  
HBR Ez Ey  
50 100 200

C3



UT

13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00
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SAMBA

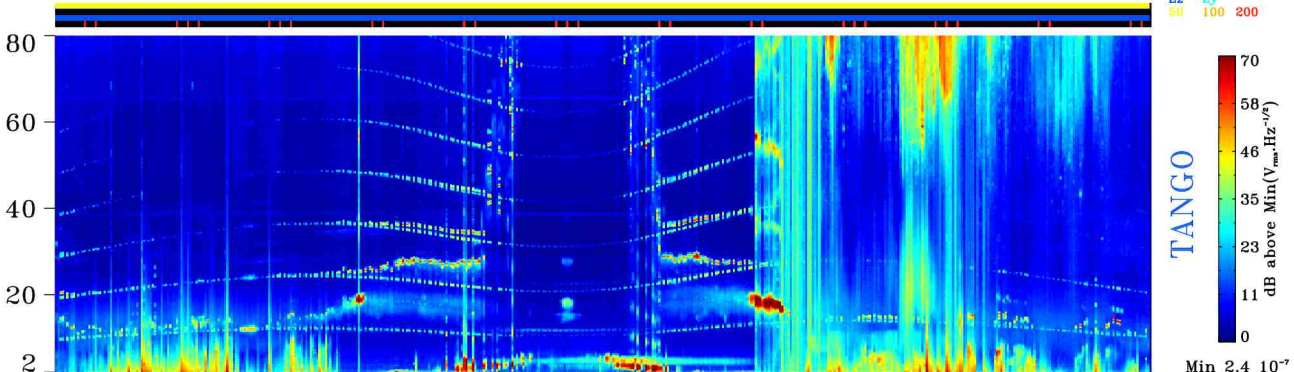
70  
58  
46  
35  
23  
11  
0

dB above Min( $V_{min} \cdot Hz^{-1/2}$ )

Min  $2.4 \cdot 10^{-7}$

presence  
HBR Ez Ey  
50 100 200

C4



UT

13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00
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TANGO

70  
58  
46  
35  
23  
11  
0

dB above Min( $V_{min} \cdot Hz^{-1/2}$ )

Min  $2.4 \cdot 10^{-7}$

Dist(Re)	4.74	4.47	4.34	4.38	4.57	4.90	5.32	5.80	6.31
Lat(deg)	-36.0	-21.3	-5.0	11.8	27.6	41.3	52.4	60.7	66.0
LT(Gse)	4.2	3.7	3.2	2.8	2.3	1.7	1.0	0.1	23.0
Sep(Km)	12552	12914	13079	12968	12555	11907	11134	10338	9579