

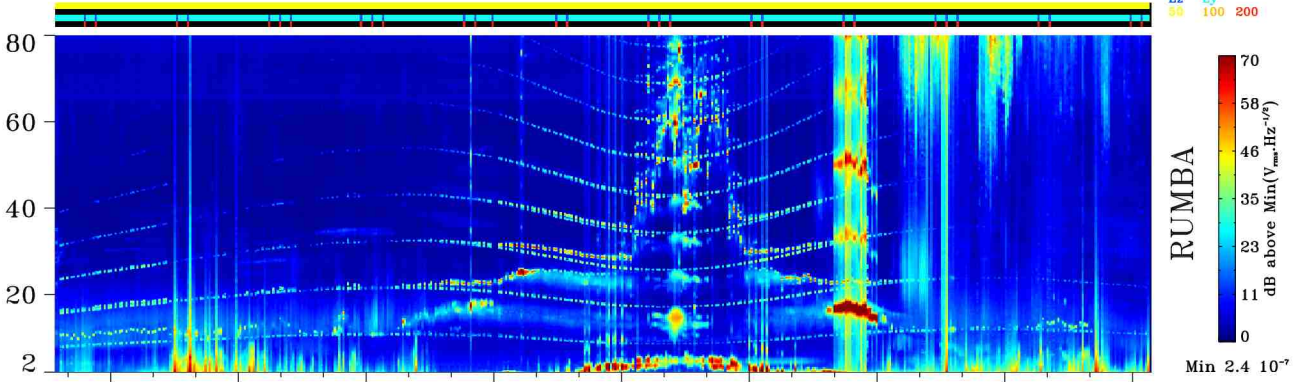
CLUSTER-WHISPER ELECTRIC FIELD SPECTROGRAM

JAN 15, 2002 Day 15 Orbit 239

Method: Average

presence
HBR Ez Ey
50 100 200

C1

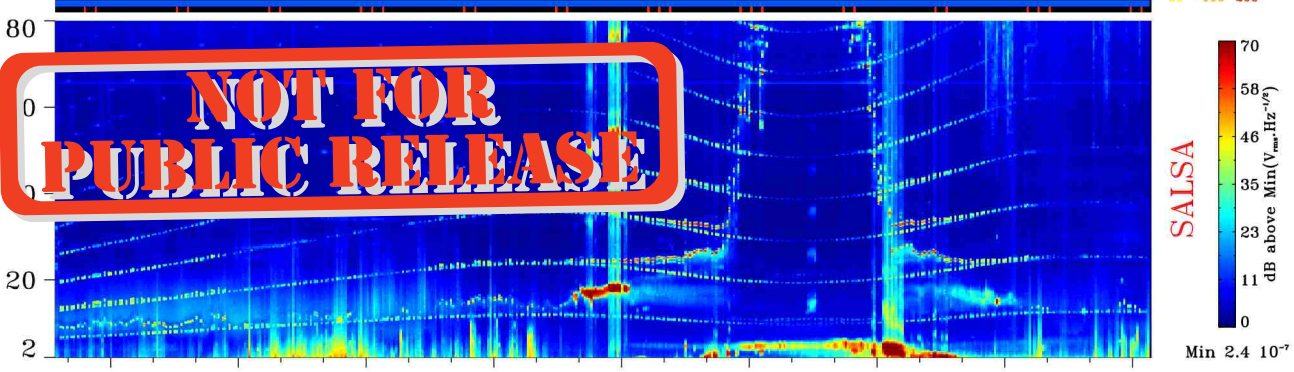


UT	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00
Sep(Km)	17056	18065	18929	19516	19731	19566	19098	18441	17700

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

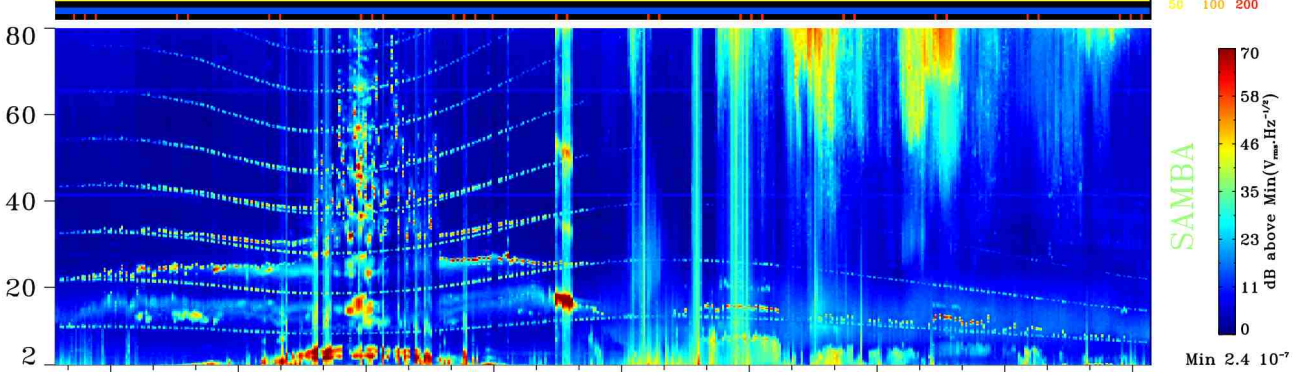


UT	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00
Sep(Km)	24831	26059	27100	27793	28012	27711	26951	25869	24621

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

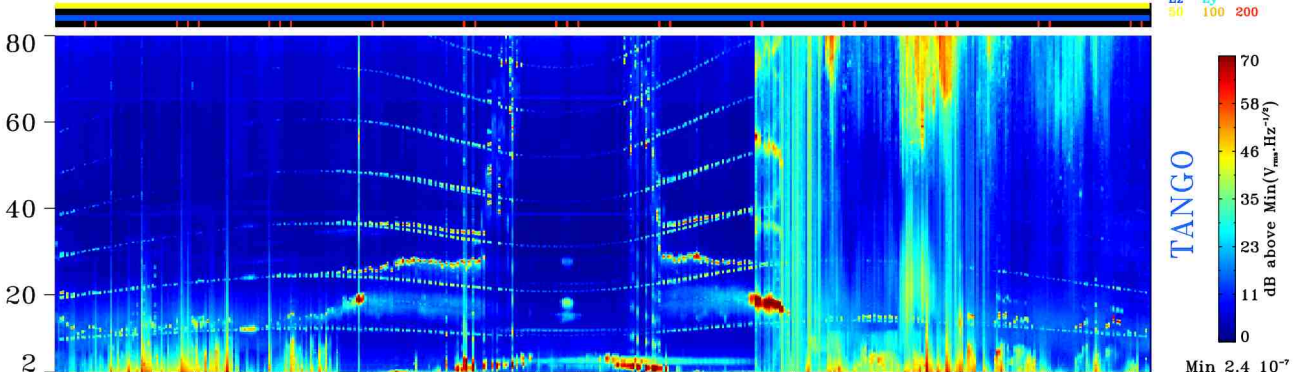


UT	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00
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SAMBA
70
58
46
35
23
11
0
dB above Min($V_{min} \cdot Hz^{-1/2}$)
Min $2.4 \cdot 10^{-7}$

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
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

TANGO
70
58
46
35
23
11
0
dB above Min($V_{min} \cdot Hz^{-1/2}$)
Min $2.4 \cdot 10^{-7}$