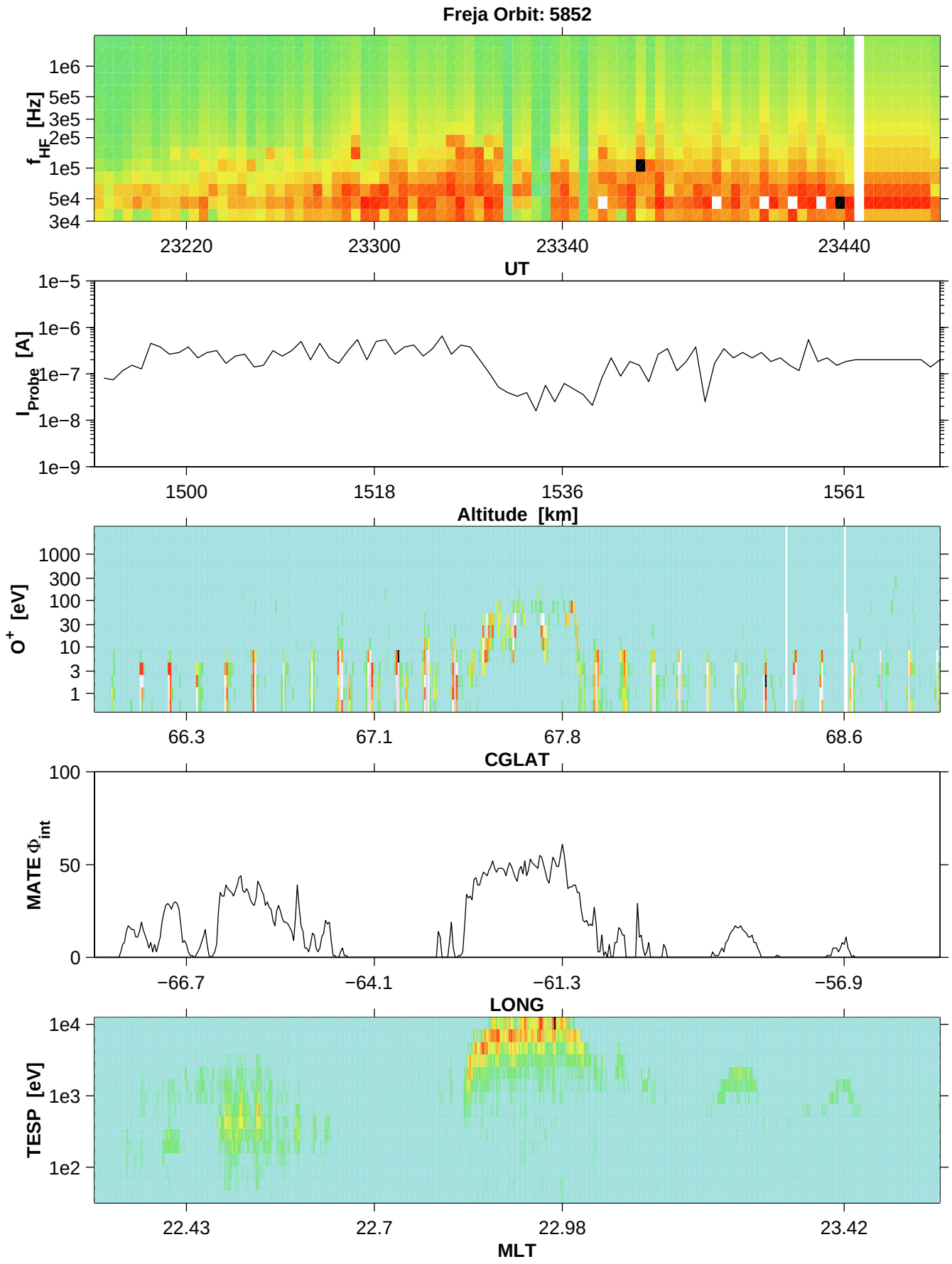
Freja Orbit: 5852
f_{HF} [Hz]
1e6
5e5
3e5
2e5
1e5
5e4
3e4
23220
23300
23340
23440
UT
I_{Probe} [A]
1e−5
1e−6
1e−7
1e−8
1e−9
1500
1518
1536
1561
Altitude [km]
O^+ [eV]
1000
300
100
30
10
3
1
66.3
67.1
67.8
68.6
CGLAT
MATE Φ_{int}
100
50
0
−66.7
−64.1
−61.3
−56.9
LONG
TESP [eV]
1e4
1e3
1e2
22.43
22.7
22.98
23.42
MLT