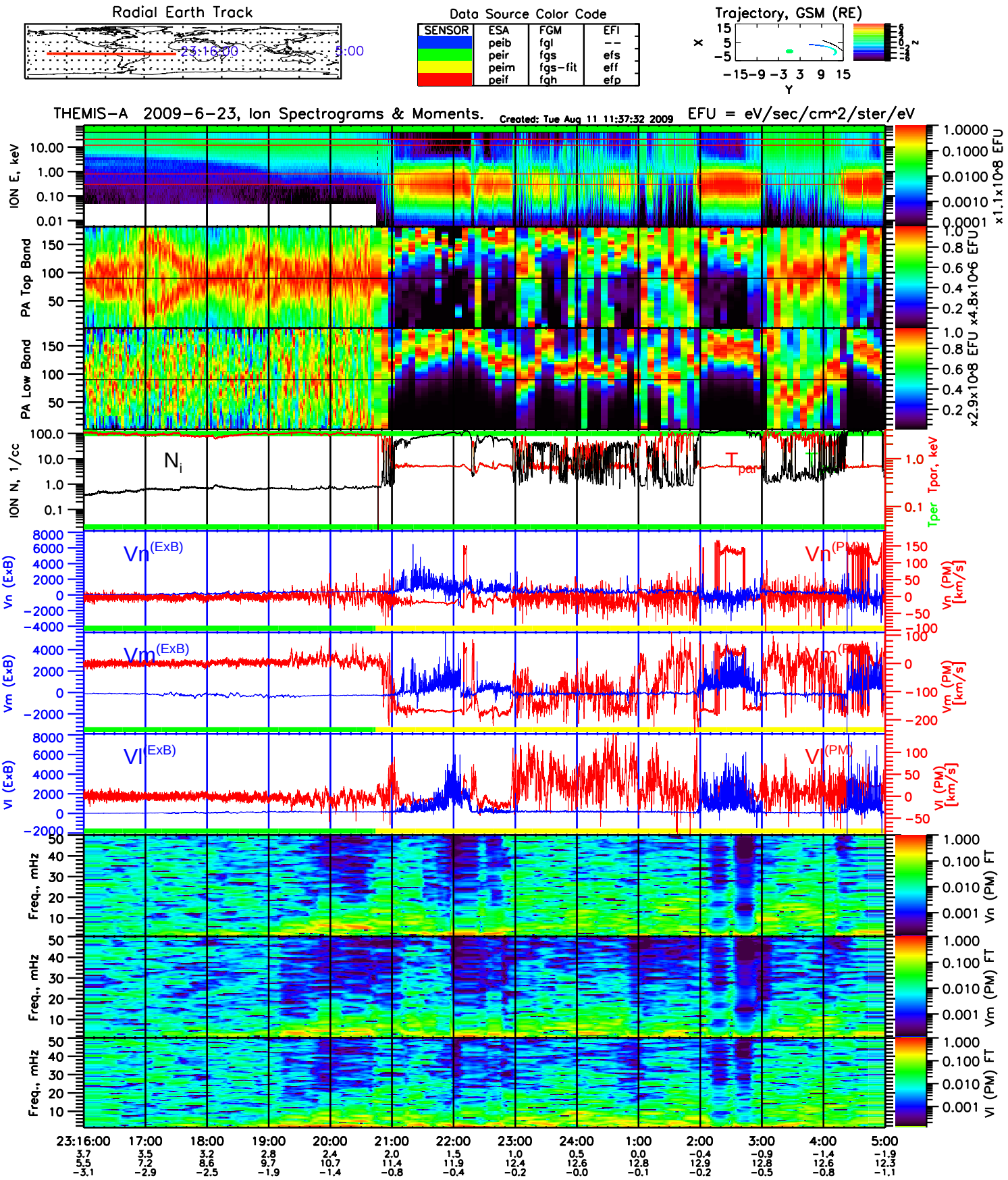
Radial Earth Track
23:16:00
5:00
Data Source Color Code
SENSOR
ESA
FGM
EFI
peib
fgl
--
peir
fgs
efs
peim
fgs-fit
eff
peif
fgh
efp
Trajectory, GSM (RE)
X
Y
Z
THEMIS-A 2009-6-23, Ion Spectrograms & Moments.
Created: Tue Aug 11 11:37:32 2009
EFU = eV/sec/cm^2/ster/eV
ION E, keV
PA Top Band
PA Low Band
x1.1x10^8 EFU
x4.8x10^6 EFU
x2.9x10^8 EFU
ION N, 1/cc
N_i
T_par
T_per
Tpar, keV
Tper
Vn (ExB)
Vn^(ExB)
Vn^(PM)
Vn (PM) [km/s]
Vm (ExB)
Vm^(ExB)
Vm^(PM)
Vm (PM) [km/s]
Vl (ExB)
Vl^(ExB)
Vl^(PM)
Vl (PM) [km/s]
Freq., mHz
Vn (PM) FT
Vm (PM) FT
Vl (PM) FT
23:16:00 3.7 5.5 -3.1
17:00 3.5 7.2 -2.9
18:00 3.2 8.6 -2.5
19:00 2.8 9.7 -1.9
20:00 2.4 10.7 -1.4
21:00 2.0 11.4 -0.8
22:00 1.5 11.9 -0.4
23:00 1.0 12.4 -0.2
24:00 0.5 12.6 -0.0
1:00 0.0 12.8 -0.1
2:00 -0.4 12.9 -0.2
3:00 -0.9 12.8 -0.5
4:00 -1.4 12.6 -0.8
5:00 -1.9 12.3 -1.1