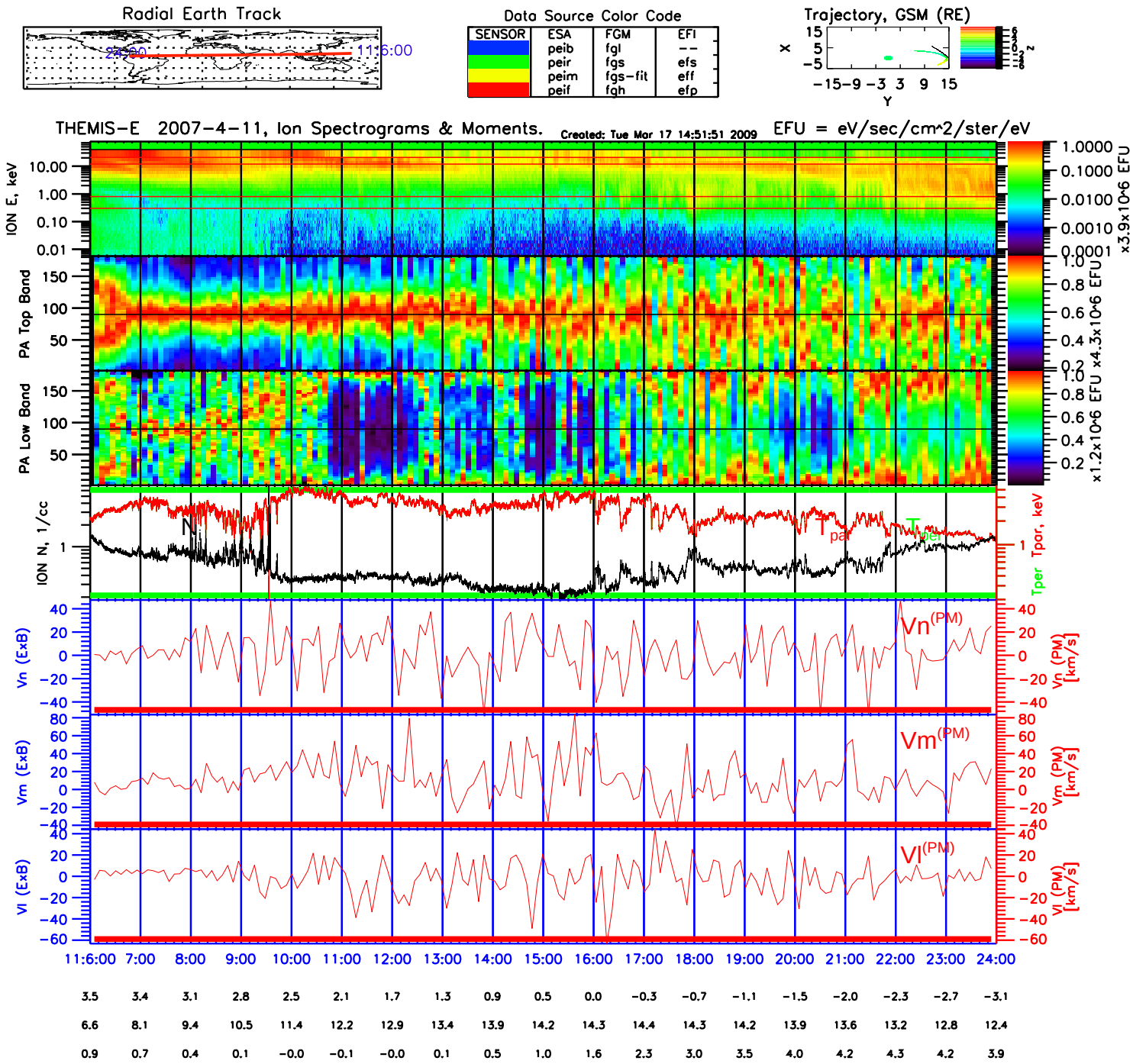
Radial Earth Track
24:00
11:6:00
Data Source Color Code
SENSOR
ESA
FGM
EFI
peib
fgl
--
peir
fgs
efs
peim
fgs-fit
eff
peif
fgh
efp
Trajectory, GSM (RE)
X
Y
Z
THEMIS-E 2007-4-11, Ion Spectrograms & Moments.
Created: Tue Mar 17 14:51:51 2009
EFU = eV/sec/cm^2/ster/eV
ION E, keV
PA Top Band
PA Low Band
ION N, 1/cc
Tpar, keV
Tper
Vn (ExB)
Vm (ExB)
Vl (ExB)
Vn (PM) [km/s]
Vm (PM) [km/s]
Vl (PM) [km/s]
x3.9x10^6 EFU
x4.3x10^6 EFU
x1.2x10^6 EFU
11:6:00 7:00 8:00 9:00 10:00 11:00 12:00 13:00 14:00 15:00 16:00 17:00 18:00 19:00 20:00 21:00 22:00 23:00 24:00
3.5 3.4 3.1 2.8 2.5 2.1 1.7 1.3 0.9 0.5 0.0 -0.3 -0.7 -1.1 -1.5 -2.0 -2.3 -2.7 -3.1
6.6 8.1 9.4 10.5 11.4 12.2 12.9 13.4 13.9 14.2 14.3 14.4 14.3 14.2 13.9 13.6 13.2 12.8 12.4
0.9 0.7 0.4 0.1 -0.0 -0.1 -0.0 0.1 0.5 1.0 1.6 2.3 3.0 3.5 4.0 4.2 4.3 4.2 3.9