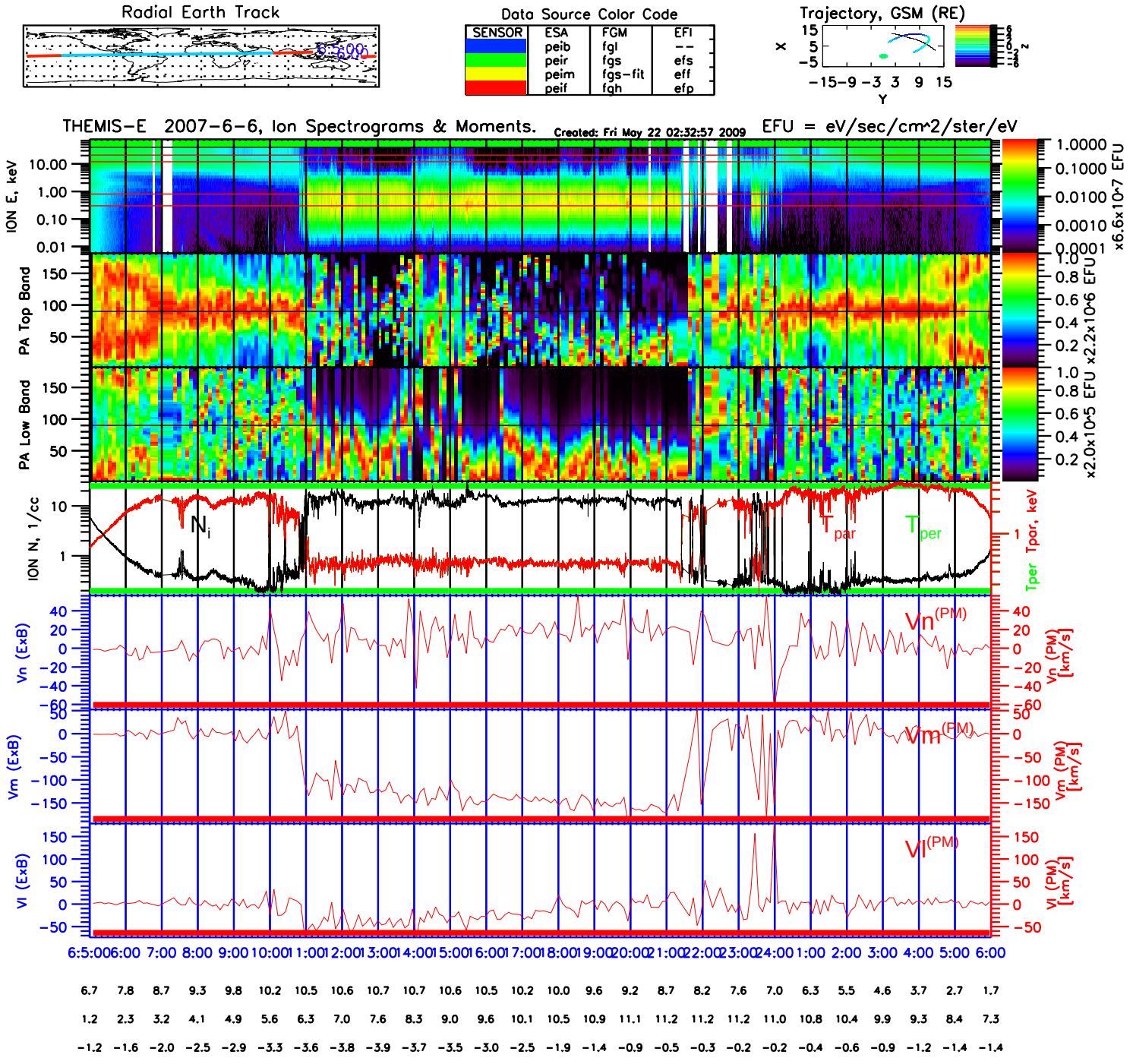
Radial Earth Track
Data Source Color Code
SENSOR
ESA
FGM
EFI
peib
peir
peim
peif
fgl
fgs
fgs-fit
fgh
efs
eff
efp
Trajectory, GSM (RE)
THEMIS-E 2007-6-6, Ion Spectrograms & Moments.
Created: Fri May 22 02:32:57 2009
EFU = eV/sec/cm^2/ster/eV
ION E, keV
PA Top Band
PA Low Band
ION N, 1/cc
Ni
Tpar
Tper
Vn (ExB)
Vm (ExB)
Vl (ExB)
Vn(PM)
Vm(PM)
Vl(PM)
Vn (PM) [km/s]
Vm (PM) [km/s]
Vl (PM) [km/s]
x6.6x10^7 EFU
x2.2x10^6 EFU
x2.0x10^5 EFU
6:5006:00 7:00 8:00 9:00 10:001 1:001 2:001 3:001 4:001 5:001 6:001 7:001 8:001 9:002 0:002 1:002 2:002 3:00 4:00 5:00 6:00
6.7 7.8 8.7 9.3 9.8 10.2 10.5 10.6 10.7 10.7 10.6 10.5 10.2 10.0 9.6 9.2 8.7 8.2 7.6 7.0 6.3 5.5 4.6 3.7 2.7 1.7
1.2 2.3 3.2 4.1 4.9 5.6 6.3 7.0 7.6 8.3 9.0 9.6 10.1 10.5 10.9 11.1 11.2 11.2 11.2 11.0 10.8 10.4 9.9 9.3 8.4 7.3
-1.2 -1.6 -2.0 -2.5 -2.9 -3.3 -3.6 -3.8 -3.9 -3.7 -3.5 -3.0 -2.5 -1.9 -1.4 -0.9 -0.5 -0.3 -0.2 -0.2 -0.4 -0.6 -0.9 -1.2 -1.4 -1.4