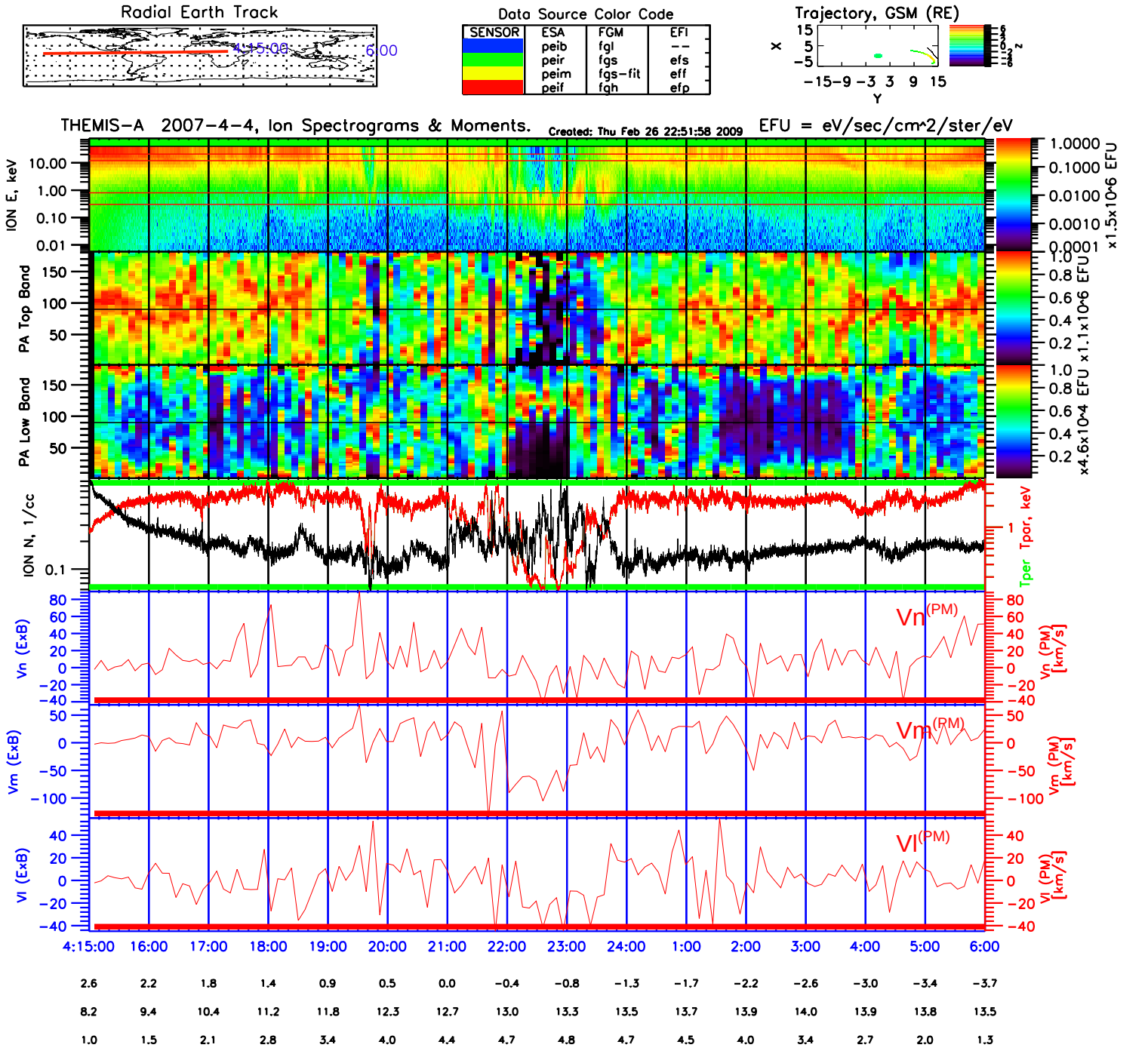
Radial Earth Track
4:15:00
6:00
Data Source Color Code
SENSOR
ESA
peib
peir
peim
peif
FGM
fgl
fgs
fgs-fit
fgh
EFI
efs
eff
efp
Trajectory, GSM (RE)
X
Y
Z
THEMIS-A 2007-4-4, Ion Spectrograms & Moments.
Created: Thu Feb 26 22:51:58 2009
EFU = eV/sec/cm^2/ster/eV
ION E, keV
PA Top Band
PA Low Band
ION N, 1/cc
Tper Tpar, keV
Vn (ExB)
Vn (PM) [km/s]
Vm (ExB)
Vm (PM) [km/s]
Vl (ExB)
Vl (PM) [km/s]
x1.5x10^6 EFU
x1.1x10^6 EFU
x4.6x10^4 EFU
4:15:00
16:00
17:00
18:00
19:00
20:00
21:00
22:00
23:00
24:00
1:00
2:00
3:00
4:00
5:00
6:00
2.6 2.2 1.8 1.4 0.9 0.5 0.0 -0.4 -0.8 -1.3 -1.7 -2.2 -2.6 -3.0 -3.4 -3.7
8.2 9.4 10.4 11.2 11.8 12.3 12.7 13.0 13.3 13.5 13.7 13.9 14.0 13.9 13.8 13.5
1.0 1.5 2.1 2.8 3.4 4.0 4.4 4.7 4.8 4.7 4.5 4.0 3.4 2.7 2.0 1.3