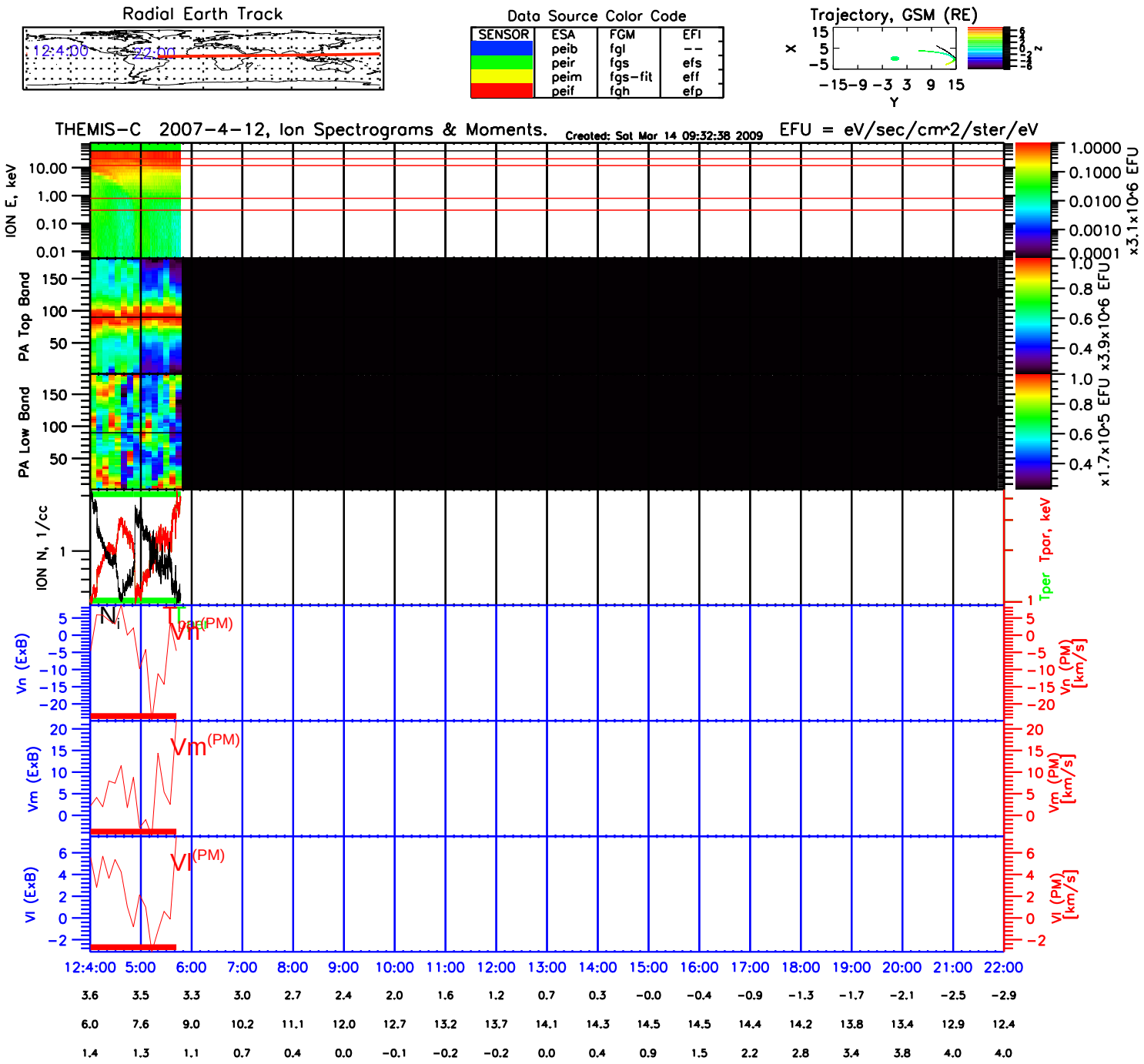
Radial Earth Track
12:4:00
22:00
Data Source Color Code
SENSOR
ESA
peib
peir
peim
peif
FGM
fgl
fgs
fgs-fit
fgh
EFI
efs
eff
efp
Trajectory, GSM (RE)
X
Y
Z
THEMIS-C 2007-4-12, Ion Spectrograms & Moments.
Created: Sat Mar 14 09:32:38 2009
EFU = eV/sec/cm^2/ster/eV
ION E, keV
PA Top Band
PA Low Band
ION N, 1/cc
Tper Tpar, keV
Vn (ExB)
Vm (ExB)
Vl (ExB)
Vn (PM) [km/s]
Vm (PM) [km/s]
Vl (PM) [km/s]
x3.1x10^6 EFU
x3.9x10^6 EFU
x1.7x10^5 EFU
N
Tper
Vn(PM)
Vm(PM)
Vl(PM)
12:4:00 5:00 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
3.6 3.5 3.3 3.0 2.7 2.4 2.0 1.6 1.2 0.7 0.3 -0.0 -0.4 -0.9 -1.3 -1.7 -2.1 -2.5 -2.9
6.0 7.6 9.0 10.2 11.1 12.0 12.7 13.2 13.7 14.1 14.3 14.5 14.5 14.4 14.2 13.8 13.4 12.9 12.4
1.4 1.3 1.1 0.7 0.4 0.0 -0.1 -0.2 -0.2 0.0 0.4 0.9 1.5 2.2 2.8 3.4 3.8 4.0 4.0