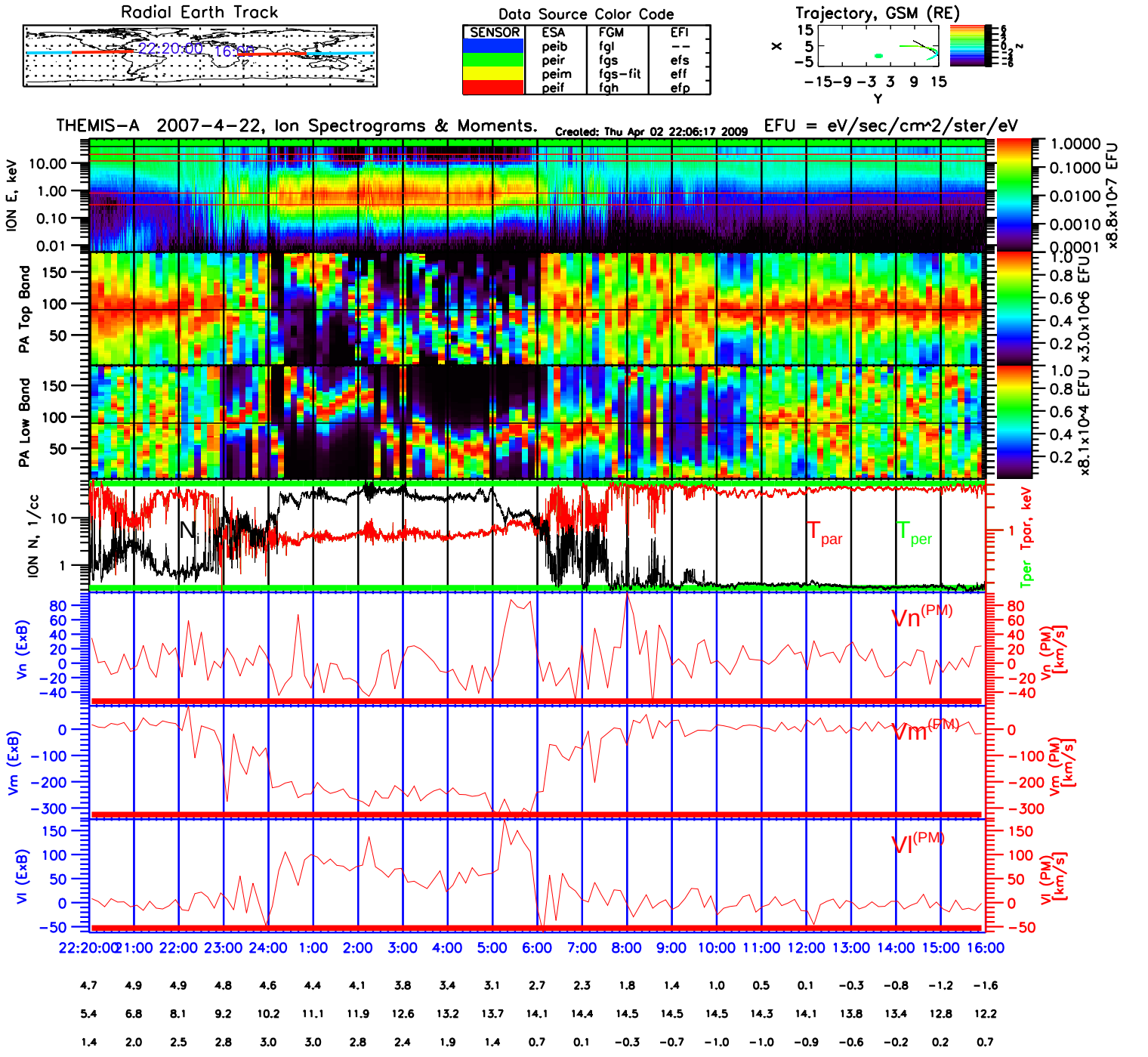
Radial Earth Track
22:20:00 16Re
Data Source Color Code
SENSOR
ESA
peib
peir
peim
peif
FGM
fgl
fgs
fgs-fit
fgh
EFI
efs
eff
efp
Trajectory, GSM (RE)
X
Y
Z
THEMIS-A 2007-4-22, Ion Spectrograms & Moments.
Created: Thu Apr 02 22:06:17 2009
EFU = eV/sec/cm^2/ster/eV
ION E, keV
PA Top Band
PA Low Band
x8.8x10^7 EFU
x3.0x10^6 EFU
x8.1x10^4 EFU
ION N, 1/cc
Ni
Tpar
Tper
Tper Tpar, keV
Vn (ExB)
Vn (PM) [km/s]
Vn(PM)
Vm (ExB)
Vm (PM) [km/s]
Vm(PM)
Vl (ExB)
Vl (PM) [km/s]
Vl(PM)
22:20:00 21:00 22:00 23:00 24:00 1:00 2:00 3:00 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
4.7 4.9 4.9 4.8 4.6 4.4 4.1 3.8 3.4 3.1 2.7 2.3 1.8 1.4 1.0 0.5 0.1 -0.3 -0.8 -1.2 -1.6
5.4 6.8 8.1 9.2 10.2 11.1 11.9 12.6 13.2 13.7 14.1 14.4 14.5 14.5 14.5 14.3 14.1 13.8 13.4 12.8 12.2
1.4 2.0 2.5 2.8 3.0 3.0 2.8 2.4 1.9 1.4 0.7 0.1 -0.3 -0.7 -1.0 -1.0 -0.9 -0.6 -0.2 0.2 0.7