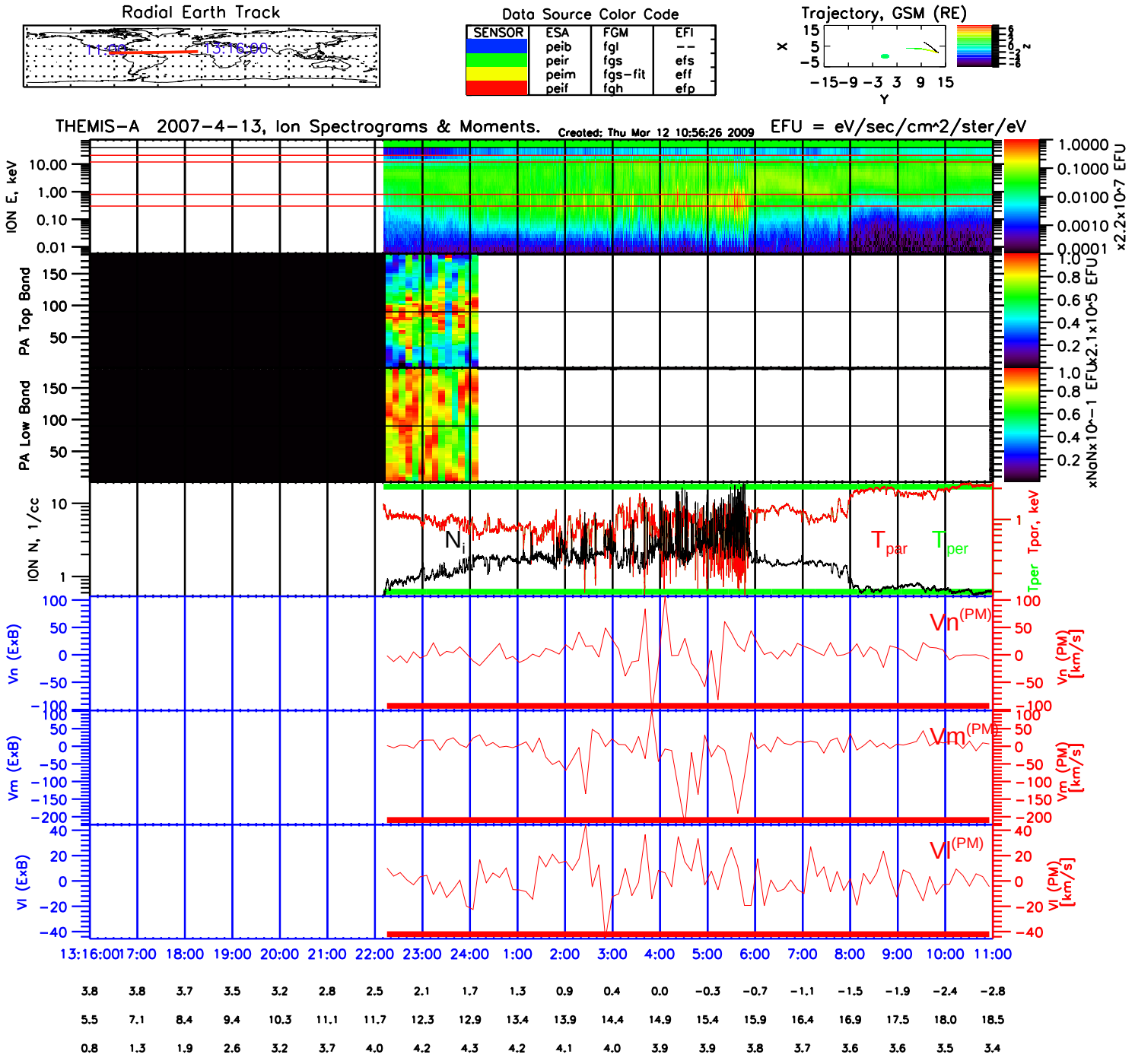
Radial Earth Track
Data Source Color Code
SENSOR
ESA
FGM
EFI
peib
peir
peim
peif
fgl
fgs
fgs-fit
fgh
efs
eff
efp
Trajectory, GSM (RE)
THEMIS-A 2007-4-13, Ion Spectrograms & Moments.
Created: Thu Mar 12 10:56:26 2009
EFU = eV/sec/cm^2/ster/eV
ION E, keV
PA Top Band
PA Low Band
ION N, 1/cc
Ni
Tpar
Tper
Vn (ExB)
Vm (ExB)
Vl (ExB)
Vn(PM)
Vm(PM)
Vl(PM)
Vn (PM) [km/s]
Vm (PM) [km/s]
Vl (PM) [km/s]
13:16:00 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 7:00 8:00 9:00 10:00 11:00
3.8 3.8 3.7 3.5 3.2 2.8 2.5 2.1 1.7 1.3 0.9 0.4 0.0 -0.3 -0.7 -1.1 -1.5 -1.9 -2.4 -2.8
5.5 7.1 8.4 9.4 10.3 11.1 11.7 12.3 12.9 13.4 13.9 14.4 14.9 15.4 15.9 16.4 16.9 17.5 18.0 18.5
0.8 1.3 1.9 2.6 3.2 3.7 4.0 4.2 4.3 4.2 4.1 4.0 3.9 3.9 3.8 3.7 3.6 3.6 3.5 3.4