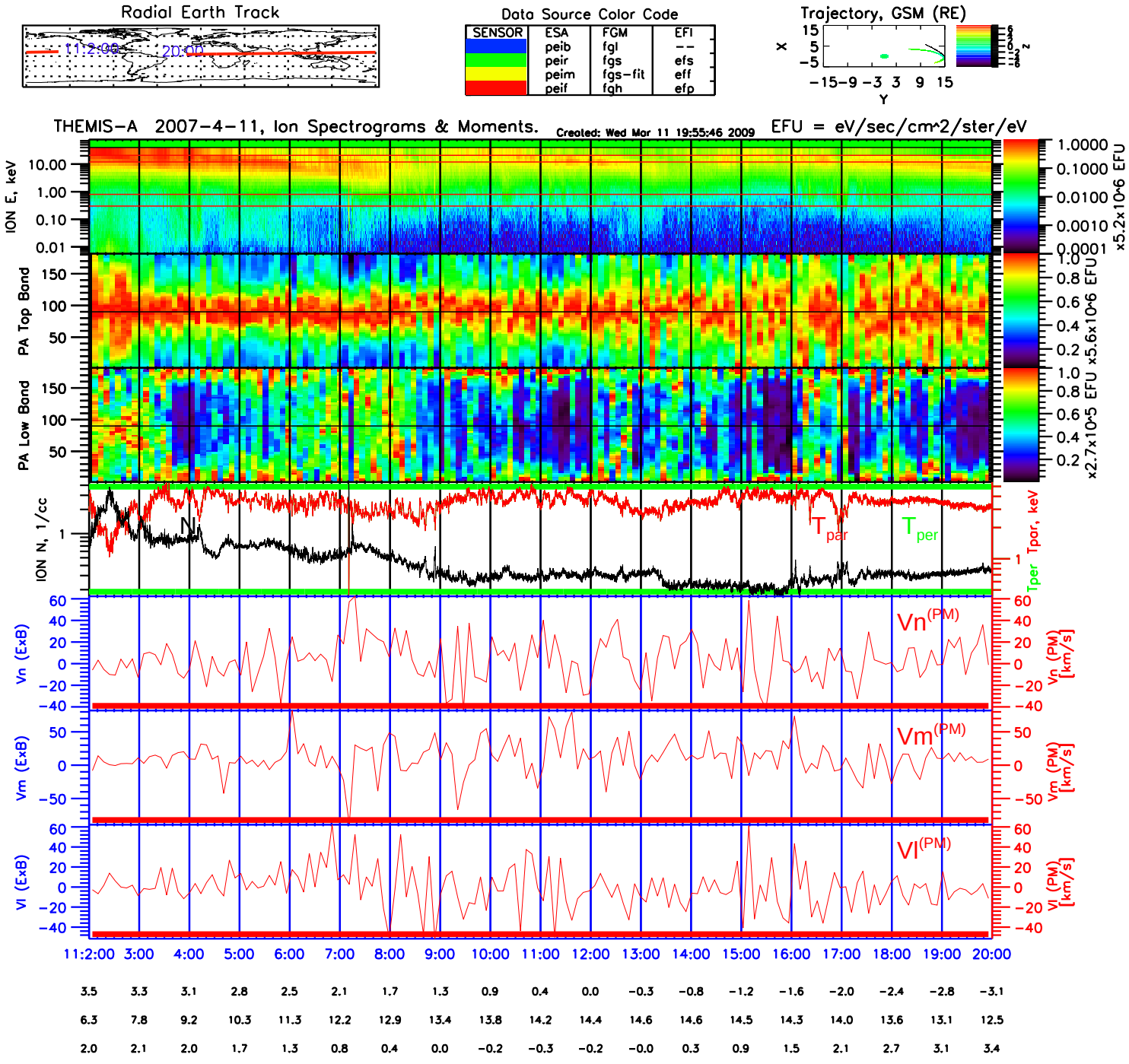
Radial Earth Track
11:2:00
20:00
Data Source Color Code
SENSOR
ESA
peib
peir
peim
peif
FGM
fgl
fgs
fgs-fit
fgh
EFI
efs
eff
efp
Trajectory, GSM (RE)
X
Y
Z
THEMIS-A 2007-4-11, Ion Spectrograms & Moments.
Created: Wed Mar 11 19:55:46 2009
EFU = eV/sec/cm^2/ster/eV
ION E, keV
PA Top Band
PA Low Band
x5.2x10^6 EFU
x5.6x10^6 EFU
x2.7x10^5 EFU
ION N, 1/cc
N
Tpar
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)
11:2:00 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 17:00 18:00 19:00 20:00
3.5 3.3 3.1 2.8 2.5 2.1 1.7 1.3 0.9 0.4 0.0 -0.3 -0.8 -1.2 -1.6 -2.0 -2.4 -2.8 -3.1
6.3 7.8 9.2 10.3 11.3 12.2 12.9 13.4 13.8 14.2 14.4 14.6 14.6 14.5 14.3 14.0 13.6 13.1 12.5
2.0 2.1 2.0 1.7 1.3 0.8 0.4 0.0 -0.2 -0.3 -0.2 -0.0 0.3 0.9 1.5 2.1 2.7 3.1 3.4