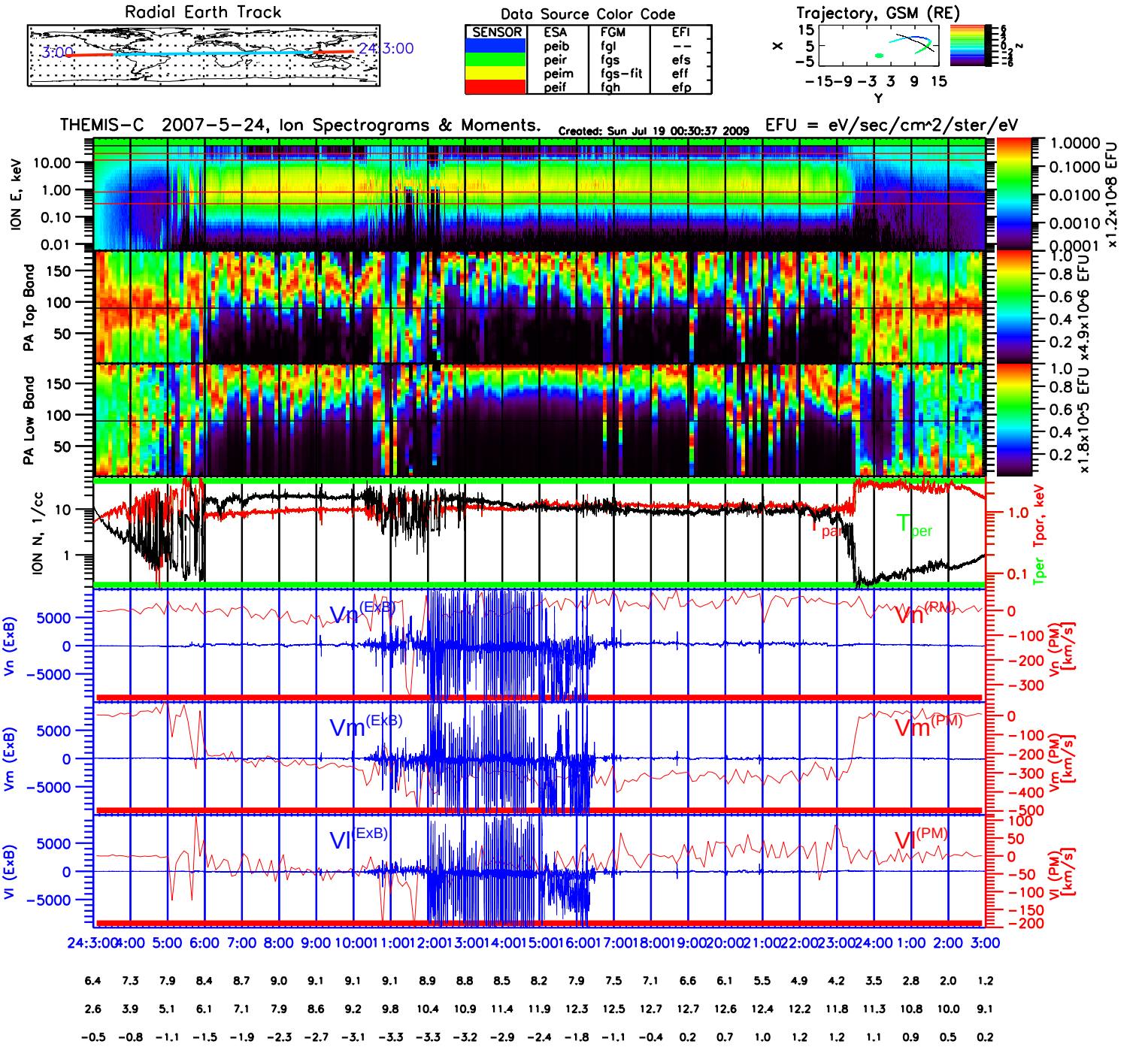
Radial Earth Track
3:00
24:3:00
Data Source Color Code
SENSOR
ESA
FGM
EFI
peib
peir
peim
peif
fgl
fgs
fgs-fit
fgh
efs
eff
efp
Trajectory, GSM (RE)
X
Y
Z
THEMIS-C 2007-5-24, Ion Spectrograms & Moments.
Created: Sun Jul 19 00:30:37 2009
EFU = eV/sec/cm^2/ster/eV
ION E, keV
PA Top Band
PA Low Band
ION N, 1/cc
Tpar
Tper
Tper Tpar, keV
Vn (ExB)
Vm (ExB)
Vl (ExB)
Vn(ExB)
Vm(ExB)
Vl(ExB)
Vn(PM)
Vm(PM)
Vl(PM)
Vn (PM) [km/s]
Vm (PM) [km/s]
Vl (PM) [km/s]
x1.2x10^8 EFU
x4.9x10^6 EFU
x1.8x10^5 EFU
24:3:00 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 21:00 22:00 23:00 24:00 1:00 2:00 3:00
6.4 7.3 7.9 8.4 8.7 9.0 9.1 9.1 9.1 8.9 8.8 8.5 8.2 7.9 7.5 7.1 6.6 6.1 5.5 4.9 4.2 3.5 2.8 2.0 1.2
2.6 3.9 5.1 6.1 7.1 7.9 8.6 9.2 9.8 10.4 10.9 11.4 11.9 12.3 12.5 12.7 12.7 12.6 12.4 12.2 11.8 11.3 10.8 10.0 9.1
-0.5 -0.8 -1.1 -1.5 -1.9 -2.3 -2.7 -3.1 -3.3 -3.3 -3.2 -2.9 -2.4 -1.8 -1.1 -0.4 0.2 0.7 1.0 1.2 1.2 1.1 0.9 0.5 0.2