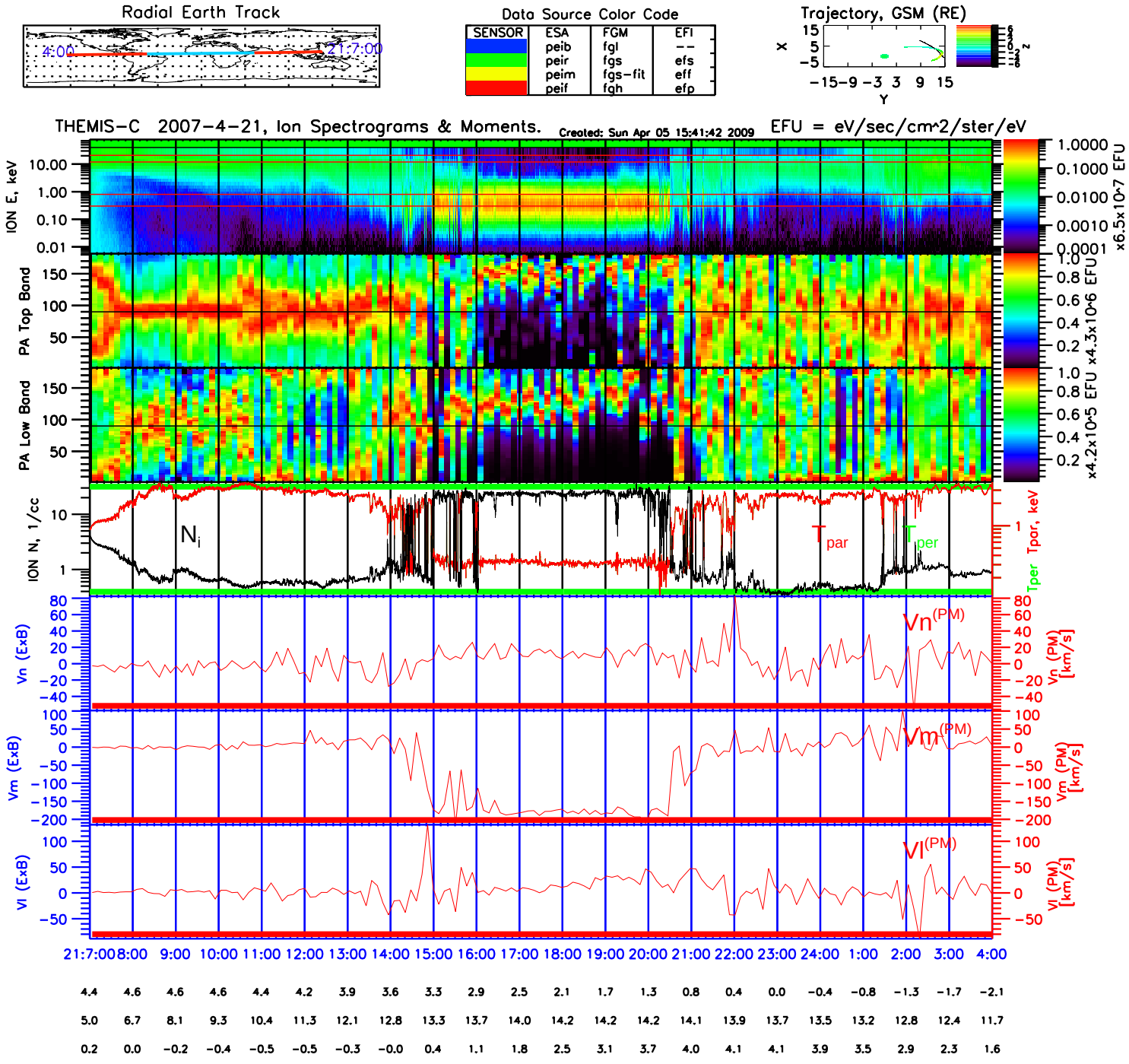
Radial Earth Track
4:00
21:7:00
Data Source Color Code
SENSOR
ESA
peib
peir
peim
peif
FGM
fgl
fgs
fgs-fit
fgh
EFI
efs
eff
efp
Trajectory, GSM (RE)
X
Y
Z
THEMIS-C 2007-4-21, Ion Spectrograms & Moments.
Created: Sun Apr 05 15:41:42 2009
EFU = eV/sec/cm^2/ster/eV
ION E, keV
PA Top Band
PA Low Band
x6.5x10^7 EFU
x4.3x10^6 EFU
x4.2x10^5 EFU
ION N, 1/cc
N_i
T_par
T_per
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)
21:7:00 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 4:00
4.4 4.6 4.6 4.6 4.4 4.2 3.9 3.6 3.3 2.9 2.5 2.1 1.7 1.3 0.8 0.4 0.0 -0.4 -0.8 -1.3 -1.7 -2.1
5.0 6.7 8.1 9.3 10.4 11.3 12.1 12.8 13.3 13.7 14.0 14.2 14.2 14.2 14.1 13.9 13.7 13.5 13.2 12.8 12.4 11.7
0.2 0.0 -0.2 -0.4 -0.5 -0.5 -0.3 -0.0 0.4 1.1 1.8 2.5 3.1 3.7 4.0 4.1 4.1 3.9 3.5 2.9 2.3 1.6