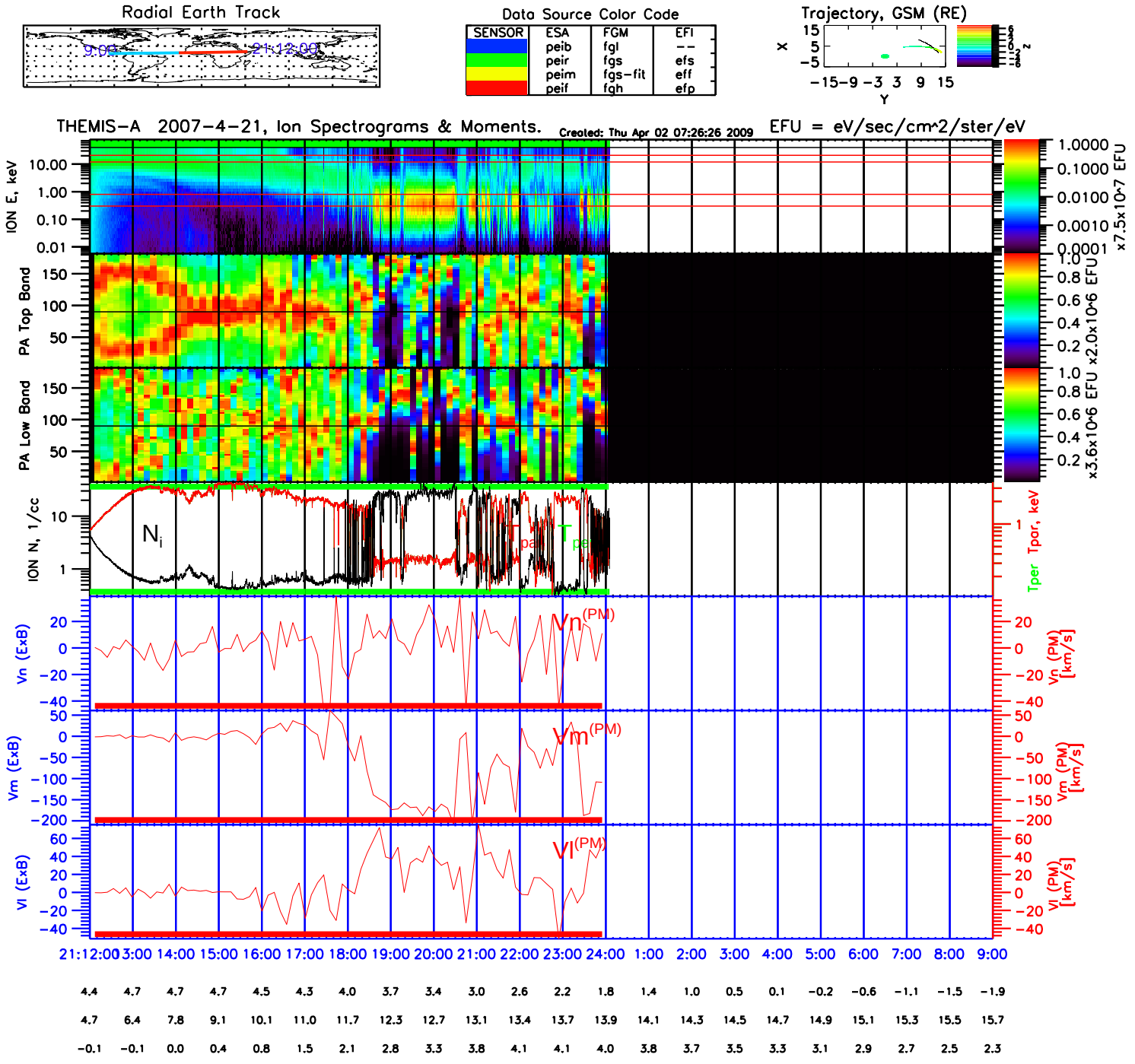
Radial Earth Track
9:00
21:12:00
Data Source Color Code
SENSOR
ESA
FGM
EFI
peib
peir
peim
peif
fgl
fgs
fgs-fit
fgh
efs
eff
efp
Trajectory, GSM (RE)
X
Y
Z
THEMIS-A 2007-4-21, Ion Spectrograms & Moments.
Created: Thu Apr 02 07:26:26 2009
EFU = eV/sec/cm^2/ster/eV
ION E, keV
PA Top Band
PA Low Band
ION N, 1/cc
N_i
T_par
T_per
Tper Tpar, keV
Vn (ExB)
Vm (ExB)
Vl (ExB)
Vn^(PM)
Vm^(PM)
Vl^(PM)
Vn (PM) [km/s]
Vm (PM) [km/s]
Vl (PM) [km/s]
x7.5x10^7 EFU
x2.0x10^6 EFU
x3.6x10^6 EFU
21:12:00 3:00 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 5:00 6:00 7:00 8:00 9:00
4.4 4.7 4.7 4.7 4.5 4.3 4.0 3.7 3.4 3.0 2.6 2.2 1.8 1.4 1.0 0.5 0.1 -0.2 -0.6 -1.1 -1.5 -1.9
4.7 6.4 7.8 9.1 10.1 11.0 11.7 12.3 12.7 13.1 13.4 13.7 13.9 14.1 14.3 14.5 14.7 14.9 15.1 15.3 15.5 15.7
-0.1 -0.1 0.0 0.4 0.8 1.5 2.1 2.8 3.3 3.8 4.1 4.1 4.0 3.8 3.7 3.5 3.3 3.1 2.9 2.7 2.5 2.3