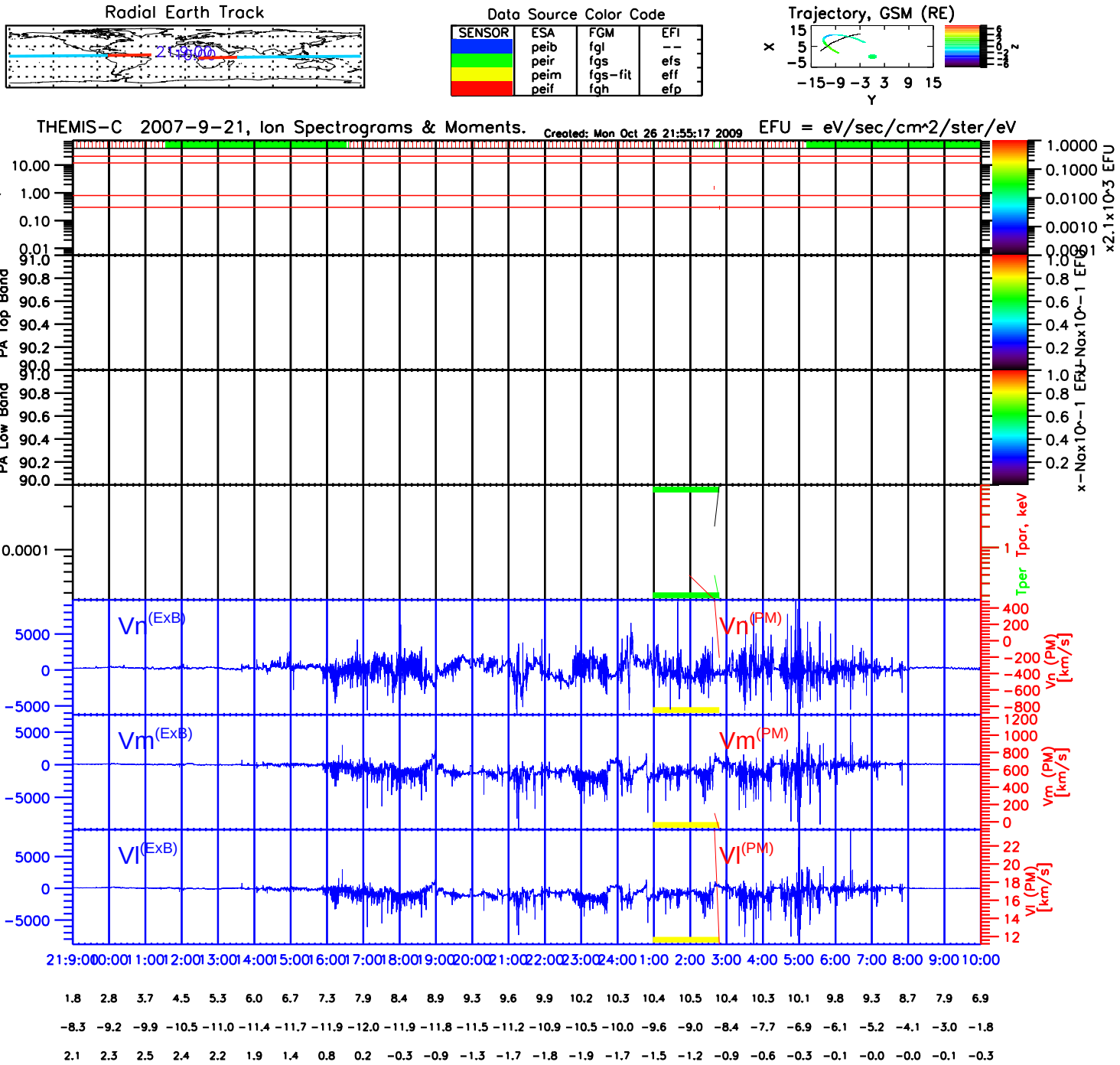
Radial Earth Track
Data Source Color Code
SENSOR
ESA
peib
peir
peim
peif
FGM
fgl
fgs
fgs-fit
fgh
EFI
efs
eff
efp
Trajectory, GSM (RE)
THEMIS-C 2007-9-21, Ion Spectrograms & Moments.
Created: Mon Oct 26 21:55:17 2009
EFU = eV/sec/cm^2/ster/eV
ION E, keV
PA Top Band
PA Low Band
ION N, 1/cc
Tper Tpar, keV
Vn (ExB)
Vm (ExB)
Vl (ExB)
Vn(ExB)
Vn(PM)
Vm(ExB)
Vm(PM)
Vl(ExB)
Vl(PM)
Vn (PM) [km/s]
Vm (PM) [km/s]
Vl (PM) [km/s]
x2.1x10^3 EFU
x-Nax10^-1 EFU
21:9:00 0:00 1:00 2:00 3:00 4:00 5:00 6:00 7:00 8:00 9:00 10:00
1.8 2.8 3.7 4.5 5.3 6.0 6.7 7.3 7.9 8.4 8.9 9.3 9.6 9.9 10.2 10.3 10.4 10.5 10.4 10.3 10.1 9.8 9.3 8.7 7.9 6.9
-8.3 -9.2 -9.9 -10.5 -11.0 -11.4 -11.7 -11.9 -12.0 -11.9 -11.8 -11.5 -11.2 -10.9 -10.5 -10.0 -9.6 -9.0 -8.4 -7.7 -6.9 -6.1 -5.2 -4.1 -3.0 -1.8
2.1 2.3 2.5 2.4 2.2 1.9 1.4 0.8 0.2 -0.3 -0.9 -1.3 -1.7 -1.8 -1.9 -1.7 -1.5 -1.2 -0.9 -0.6 -0.3 -0.1 -0.0 -0.0 -0.1 -0.3