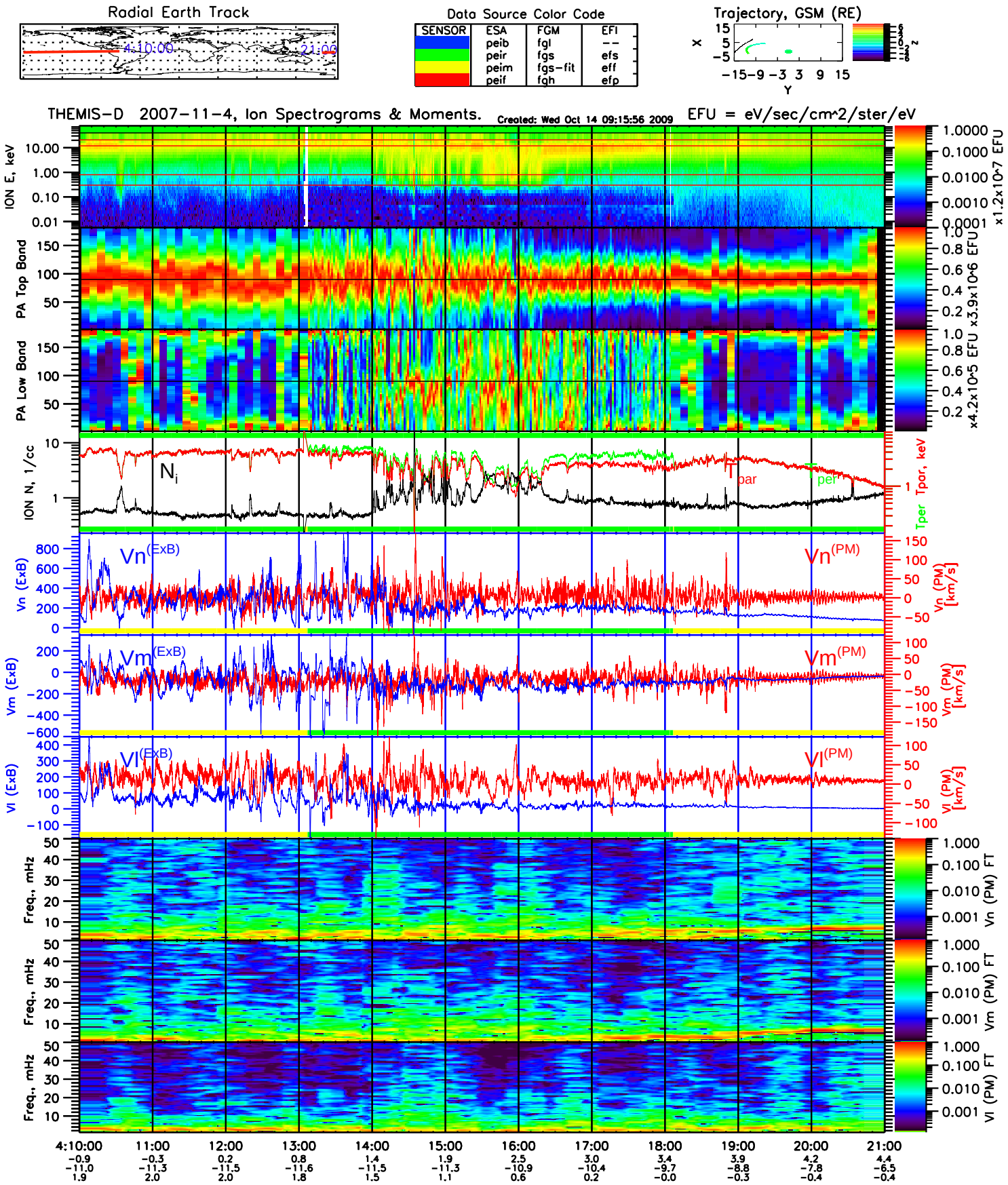
Radial Earth Track
4:10:00
21:00
Data Source Color Code
SENSOR
ESA
FGM
EFI
peib
fgl
--
peir
fgs
efs
peim
fgs-fit
eff
peif
fgh
efp
Trajectory, GSM (RE)
X
Y
Z
THEMIS-D 2007-11-4, Ion Spectrograms & Moments.
Created: Wed Oct 14 09:15:56 2009
EFU = eV/sec/cm^2/ster/eV
ION E, keV
PA Top Band
PA Low Band
x1.2x10^7 EFU
x3.9x10^6 EFU
x4.2x10^5 EFU
ION N, 1/cc
N_i
T_par
T_per
Tper Tpar, keV
Vn (ExB)
Vn^(ExB)
Vn^(PM)
Vn (PM) [km/s]
Vm (ExB)
Vm^(ExB)
Vm^(PM)
Vm (PM) [km/s]
Vl (ExB)
Vl^(ExB)
Vl^(PM)
Vl (PM) [km/s]
Freq., mHz
Vn (PM) FT
Vm (PM) FT
Vl (PM) FT
4:10:00 -0.9 -11.0 1.9
11:00 -0.3 -11.3 2.0
12:00 0.2 -11.5 2.0
13:00 0.8 -11.6 1.8
14:00 1.4 -11.5 1.5
15:00 1.9 -11.3 1.1
16:00 2.5 -10.9 0.6
17:00 3.0 -10.4 0.2
18:00 3.4 -9.7 -0.0
19:00 3.9 -8.8 -0.3
20:00 4.2 -7.8 -0.4
21:00 4.4 -6.5 -0.4