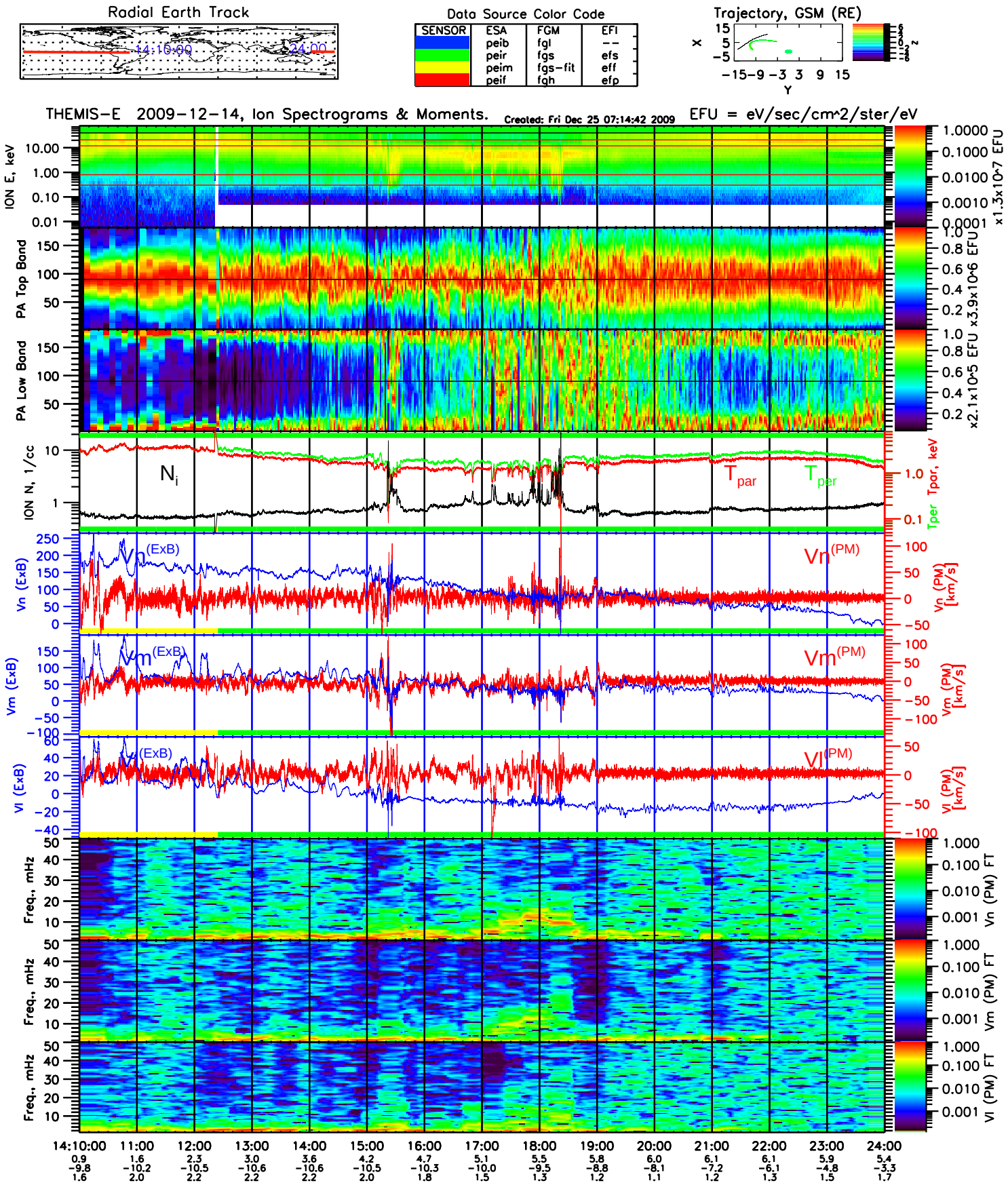
Radial Earth Track
14:10:00
24:00
Data Source Color Code
SENSOR
ESA
FGM
EFI
peib
fgl
--
peir
fgs
efs
peim
fgs-fit
eff
peif
fgh
efp
Trajectory, GSM (RE)
X
Y
Z
THEMIS-E 2009-12-14, Ion Spectrograms & Moments.
Created: Fri Dec 25 07:14:42 2009
EFU = eV/sec/cm^2/ster/eV
ION E, keV
PA Top Band
PA Low Band
x1.3x10^7 EFU
x3.9x10^6 EFU
x2.1x10^5 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
14:10:00 0.9 -9.8 1.6
11:00 1.6 -10.2 2.0
12:00 2.3 -10.5 2.2
13:00 3.0 -10.6 2.2
14:00 3.6 -10.6 2.2
15:00 4.2 -10.5 2.0
16:00 4.7 -10.3 1.8
17:00 5.1 -10.0 1.5
18:00 5.5 -9.5 1.3
19:00 5.8 -8.8 1.2
20:00 6.0 -8.1 1.1
21:00 6.1 -7.2 1.2
22:00 6.1 -6.1 1.3
23:00 5.9 -4.8 1.5
24:00 5.4 -3.3 1.7