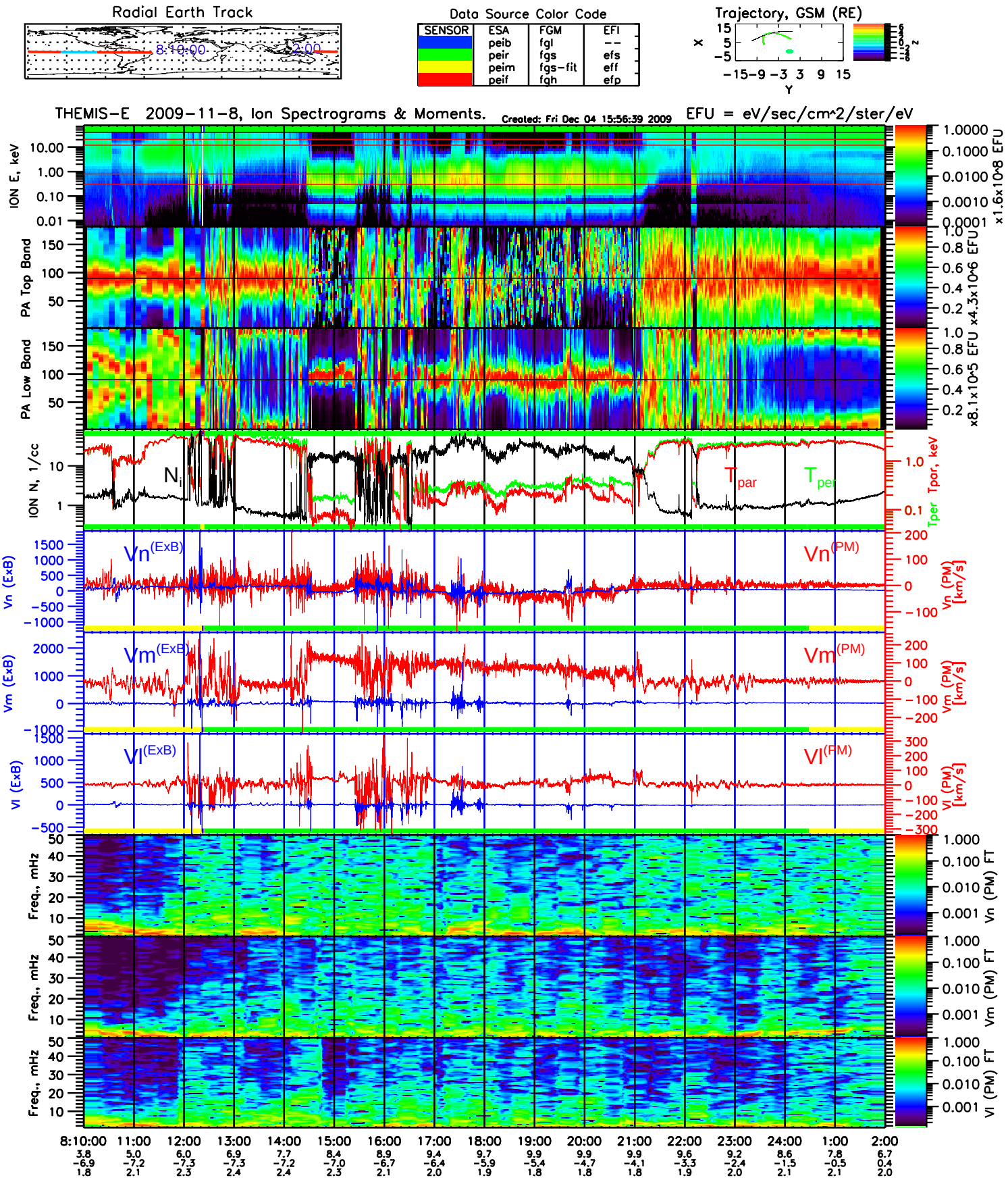
Radial Earth Track
8:10:00
2:00
Data Source Color Code
SENSOR
ESA
FGM
EFI
peib
fgl
--
peir
fgs
efs
peim
fgs-fit
eff
peif
fgh
efp
Trajectory, GSM (RE)
X
Y
Z
THEMIS-E 2009-11-8, Ion Spectrograms & Moments.
Created: Fri Dec 04 15:56:39 2009
EFU = eV/sec/cm^2/ster/eV
ION E, keV
PA Top Band
PA Low Band
x1.6x10^8 EFU
x4.3x10^6 EFU
x8.1x10^5 EFU
ION N, 1/cc
Ni
Tpar
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
8:10:00 3.8 -6.9 1.8
11:00 5.0 -7.2 2.1
12:00 6.0 -7.3 2.3
13:00 6.9 -7.3 2.4
14:00 7.7 -7.2 2.4
15:00 8.4 -7.0 2.3
16:00 8.9 -6.7 2.1
17:00 9.4 -6.4 2.0
18:00 9.7 -5.9 1.9
19:00 9.9 -5.4 1.8
20:00 9.9 -4.7 1.8
21:00 9.9 -4.1 1.8
22:00 9.6 -3.3 1.9
23:00 9.2 -2.4 2.0
24:00 8.6 -1.5 2.1
1:00 7.8 -0.5 2.1
2:00 6.7 0.4 2.0