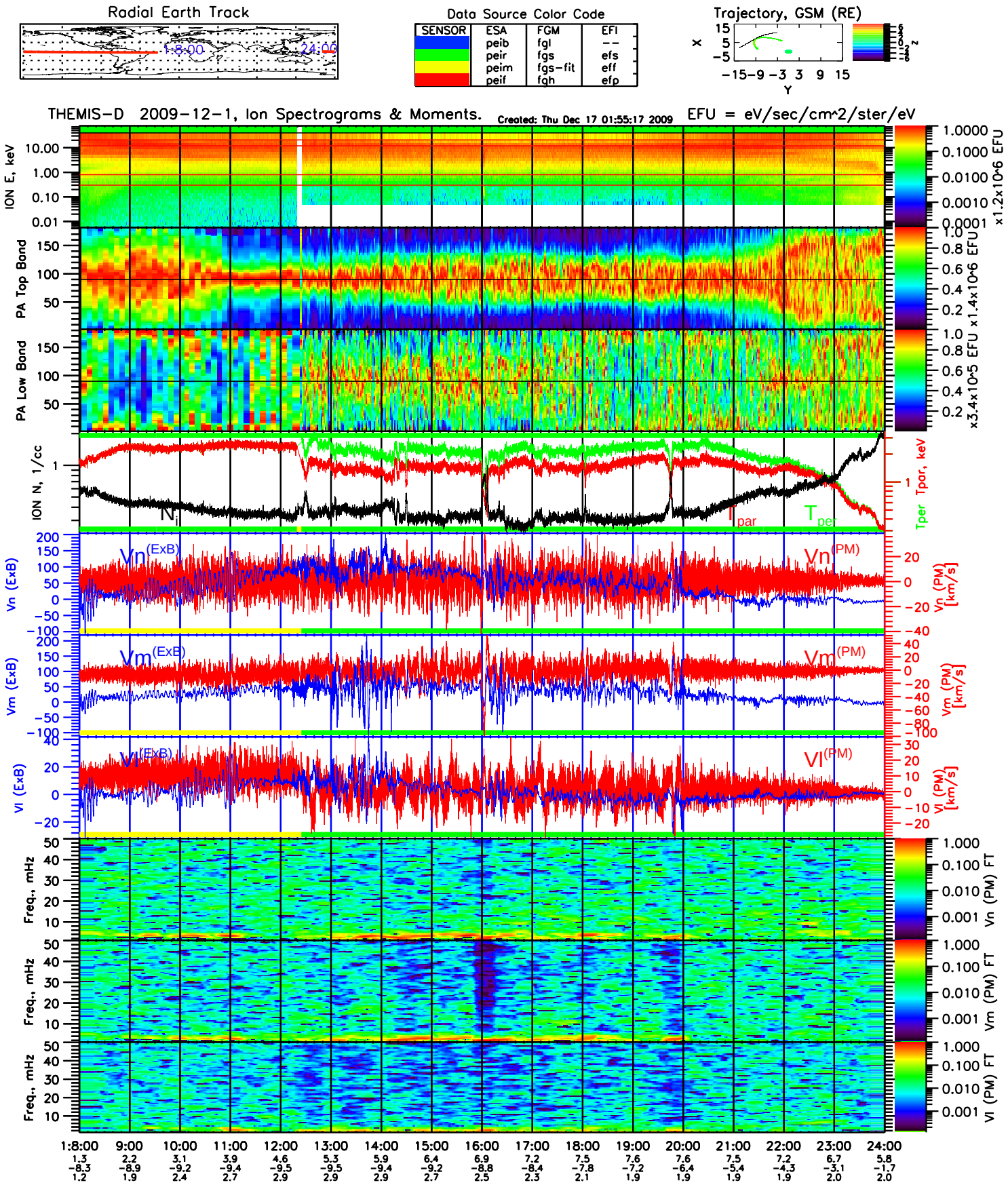
Radial Earth Track
1:8:00
24:00
Data Source Color Code
SENSOR
ESA
FGM
EFI
peib
fgl
--
peir
fgs
efs
peim
fgs-fit
eff
peif
fgh
efp
Trajectory, GSM (RE)
X
Y
Z
THEMIS-D 2009-12-1, Ion Spectrograms & Moments.
Created: Thu Dec 17 01:55:17 2009
EFU = eV/sec/cm^2/ster/eV
ION E, keV
PA Top Band
PA Low Band
x1.2x10^6 EFU
x1.4x10^6 EFU
x3.4x10^5 EFU
ION N, 1/cc
Tper Tpar, keV
Ni
Tpar
Tper
Vn (ExB)
Vn (PM) [km/s]
Vn(ExB)
Vn(PM)
Vm (ExB)
Vm (PM) [km/s]
Vm(ExB)
Vm(PM)
Vl (ExB)
Vl (PM) [km/s]
Vl(ExB)
Vl(PM)
Freq., mHz
Vn (PM) FT
Vm (PM) FT
Vl (PM) FT
1:8:00 1.3 -8.3 1.2
9:00 2.2 -8.9 1.9
10:00 3.1 -9.2 2.4
11:00 3.9 -9.4 2.7
12:00 4.6 -9.5 2.9
13:00 5.3 -9.5 2.9
14:00 5.9 -9.4 2.9
15:00 6.4 -9.2 2.7
16:00 6.9 -8.8 2.5
17:00 7.2 -8.4 2.3
18:00 7.5 -7.8 2.1
19:00 7.6 -7.2 1.9
20:00 7.6 -6.4 1.9
21:00 7.5 -5.4 1.9
22:00 7.2 -4.3 1.9
23:00 6.7 -3.1 2.0
24:00 5.8 -1.7 2.0