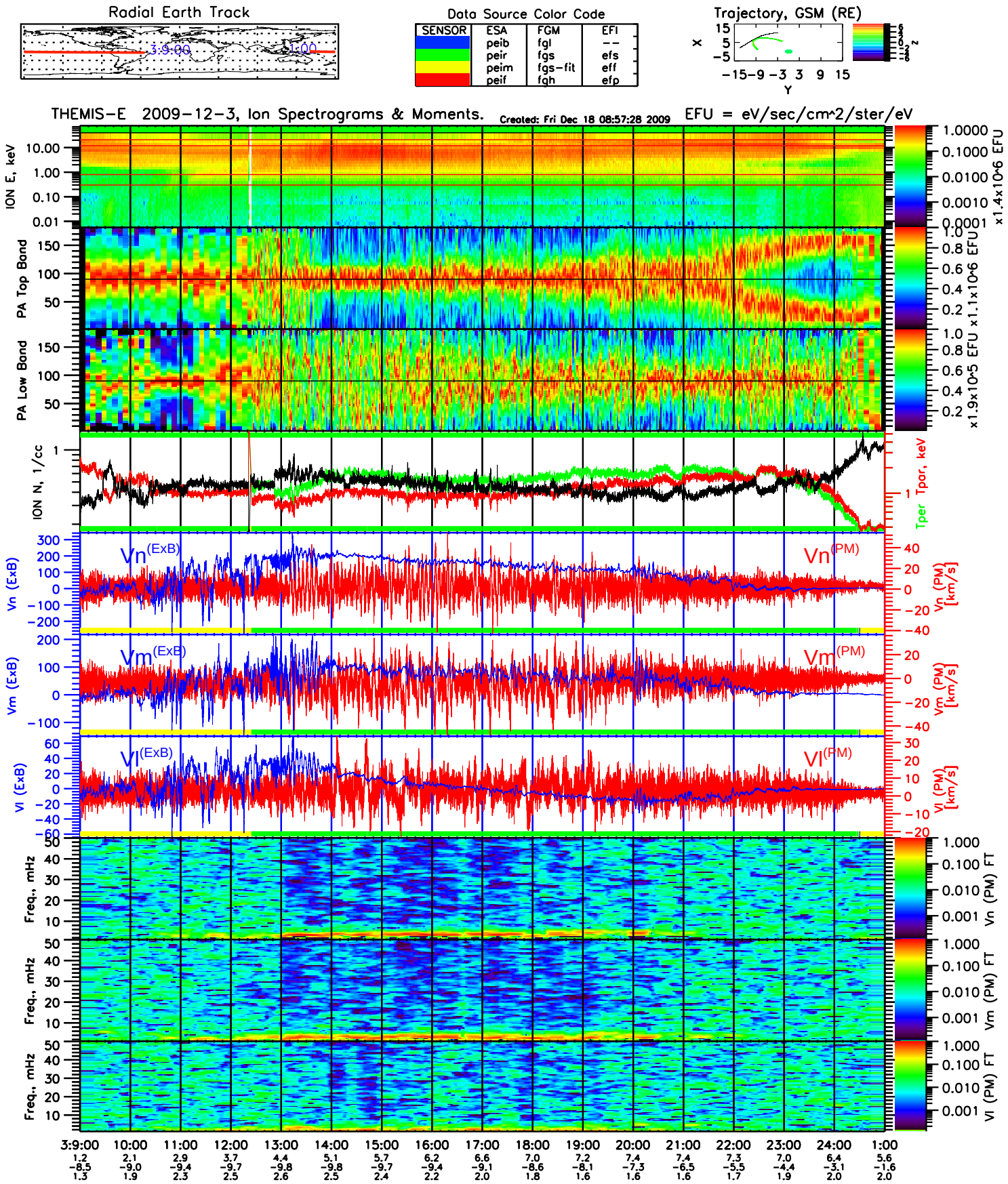
Radial Earth Track
3:9:00
1:00
Data Source Color Code
SENSOR
ESA
FGM
EFI
peib
fgl
--
peir
fgs
efs
peim
fgs-fit
eff
peif
fgh
efp
Trajectory, GSM (RE)
X
Y
Z
THEMIS-E 2009-12-3, Ion Spectrograms & Moments.
Created: Fri Dec 18 08:57:28 2009
EFU = eV/sec/cm^2/ster/eV
ION E, keV
PA Top Band
PA Low Band
x1.4x10^6 EFU
x1.1x10^6 EFU
x1.9x10^5 EFU
ION N, 1/cc
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
3:9:00 1.2 -8.5 1.3
10:00 2.1 -9.0 1.9
11:00 2.9 -9.4 2.3
12:00 3.7 -9.7 2.5
13:00 4.4 -9.8 2.6
14:00 5.1 -9.8 2.5
15:00 5.7 -9.7 2.4
16:00 6.2 -9.4 2.2
17:00 6.6 -9.1 2.0
18:00 7.0 -8.6 1.8
19:00 7.2 -8.1 1.6
20:00 7.4 -7.3 1.6
21:00 7.4 -6.5 1.6
22:00 7.3 -5.5 1.7
23:00 7.0 -4.4 1.9
24:00 6.4 -3.1 2.0
1:00 5.6 -1.6 2.0