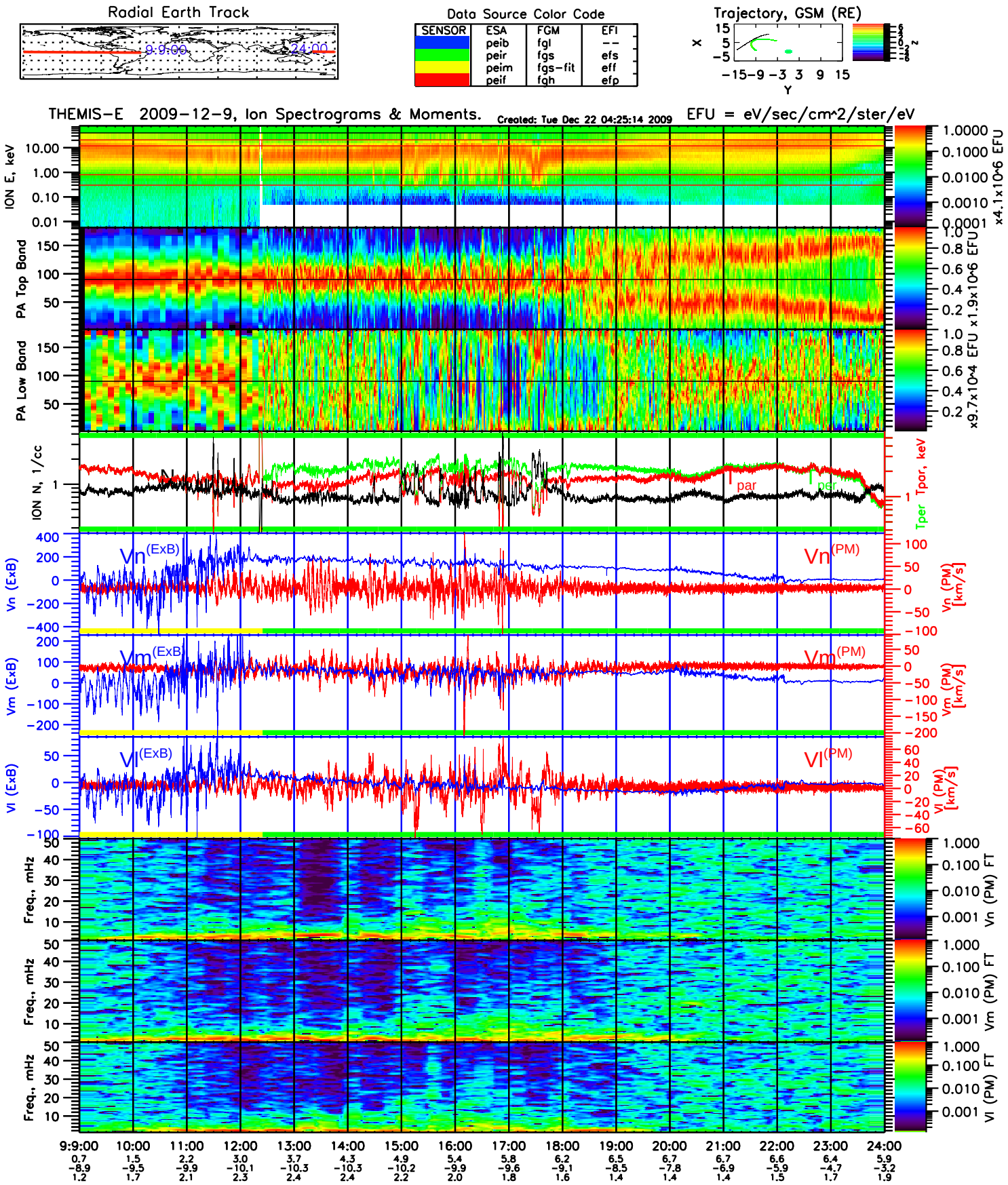
Radial Earth Track
9:00
24:00
Data Source Color Code
SENSOR
ESA
FGM
EFI
peib
fgl
--
peir
fgs
efs
peim
fgs-fit
eff
peif
fgh
efp
Trajectory, GSM (RE)
X
Y
Z
THEMIS-E 2009-12-9, Ion Spectrograms & Moments.
Created: Tue Dec 22 04:25:14 2009
EFU = eV/sec/cm^2/ster/eV
ION E, keV
PA Top Band
PA Low Band
ION N, 1/cc
Tper Tpar, keV
par
per
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
x4.1x10^6 EFU
x1.9x10^6 EFU
x9.7x10^4 EFU
9:9:00 0.7 -8.9 1.2
10:00 1.5 -9.5 1.7
11:00 2.2 -9.9 2.1
12:00 3.0 -10.1 2.3
13:00 3.7 -10.3 2.4
14:00 4.3 -10.3 2.4
15:00 4.9 -10.2 2.2
16:00 5.4 -9.9 2.0
17:00 5.8 -9.6 1.8
18:00 6.2 -9.1 1.6
19:00 6.5 -8.5 1.4
20:00 6.7 -7.8 1.4
21:00 6.7 -6.9 1.4
22:00 6.6 -5.9 1.5
23:00 6.4 -4.7 1.7
24:00 5.9 -3.2 1.9