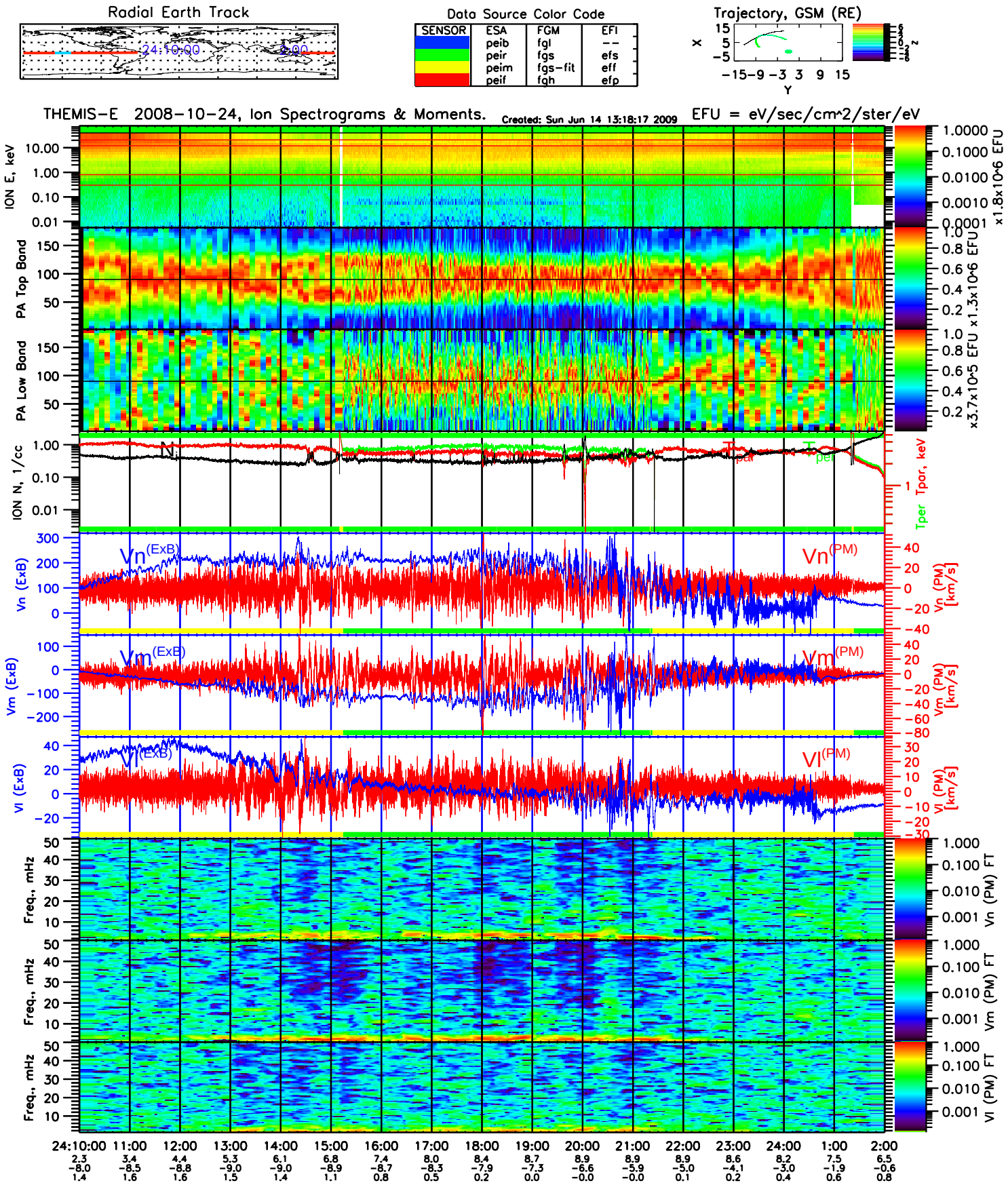
Radial Earth Track
24:10:00
2:00
Data Source Color Code
SENSOR
ESA
FGM
EFI
peib
fgl
--
peir
fgs
efs
peim
fgs-fit
eff
peif
fgh
efp
Trajectory, GSM (RE)
X
Y
Z
THEMIS-E 2008-10-24, Ion Spectrograms & Moments.
Created: Sun Jun 14 13:18:17 2009
EFU = eV/sec/cm^2/ster/eV
ION E, keV
PA Top Band
PA Low Band
x1.8x10^6 EFU
x1.3x10^6 EFU
x3.7x10^5 EFU
ION N, 1/cc
N
Tpar
Tper
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
24:10:00 2.3 -8.0 1.4
11:00 3.4 -8.5 1.6
12:00 4.4 -8.8 1.6
13:00 5.3 -9.0 1.5
14:00 6.1 -9.0 1.4
15:00 6.8 -8.9 1.1
16:00 7.4 -8.7 0.8
17:00 8.0 -8.3 0.5
18:00 8.4 -7.9 0.2
19:00 8.7 -7.3 0.0
20:00 8.9 -6.6 -0.0
21:00 8.9 -5.9 -0.0
22:00 8.9 -5.0 0.1
23:00 8.6 -4.1 0.2
24:00 8.2 -3.0 0.4
1:00 7.5 -1.9 0.6
2:00 6.5 -0.6 0.8