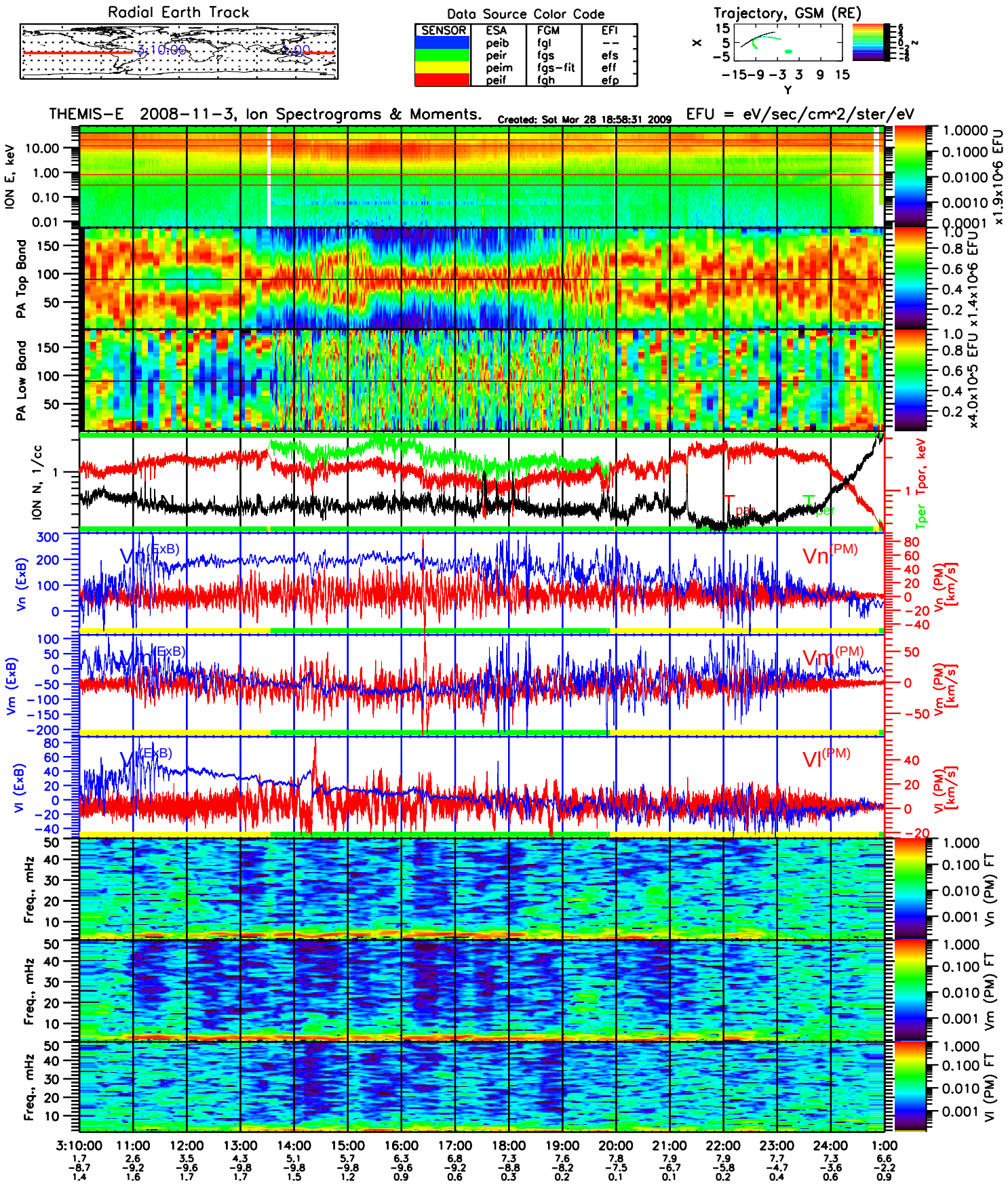
Radial Earth Track
3:10:00
1:00
Data Source Color Code
SENSOR
ESA
FGM
EFI
peib
fgl
--
peir
fgs
efs
peim
fgs-fit
eff
peif
fgh
efp
Trajectory, GSM (RE)
X
Y
Z
THEMIS-E 2008-11-3, Ion Spectrograms & Moments.
Created: Sat Mar 28 18:58:31 2009
EFU = eV/sec/cm^2/ster/eV
ION E, keV
PA Top Band
PA Low Band
x1.9x10^6 EFU
x1.4x10^6 EFU
x4.0x10^5 EFU
ION N, 1/cc
Tpar, keV
Tper
Vn (ExB)
Vn (PM) [km/s]
Vm (ExB)
Vm (PM) [km/s]
Vl (ExB)
Vl (PM) [km/s]
Freq., mHz
Vn (PM) FT
Vm (PM) FT
Vl (PM) FT
3:10:00 1.7 -8.7 1.4
11:00 2.6 -9.2 1.6
12:00 3.5 -9.6 1.7
13:00 4.3 -9.8 1.7
14:00 5.1 -9.8 1.5
15:00 5.7 -9.8 1.2
16:00 6.3 -9.6 0.9
17:00 6.8 -9.2 0.6
18:00 7.3 -8.8 0.3
19:00 7.6 -8.2 0.2
20:00 7.8 -7.5 0.1
21:00 7.9 -6.7 0.1
22:00 7.9 -5.8 0.2
23:00 7.7 -4.7 0.4
24:00 7.3 -3.6 0.6
1:00 6.6 -2.2 0.9