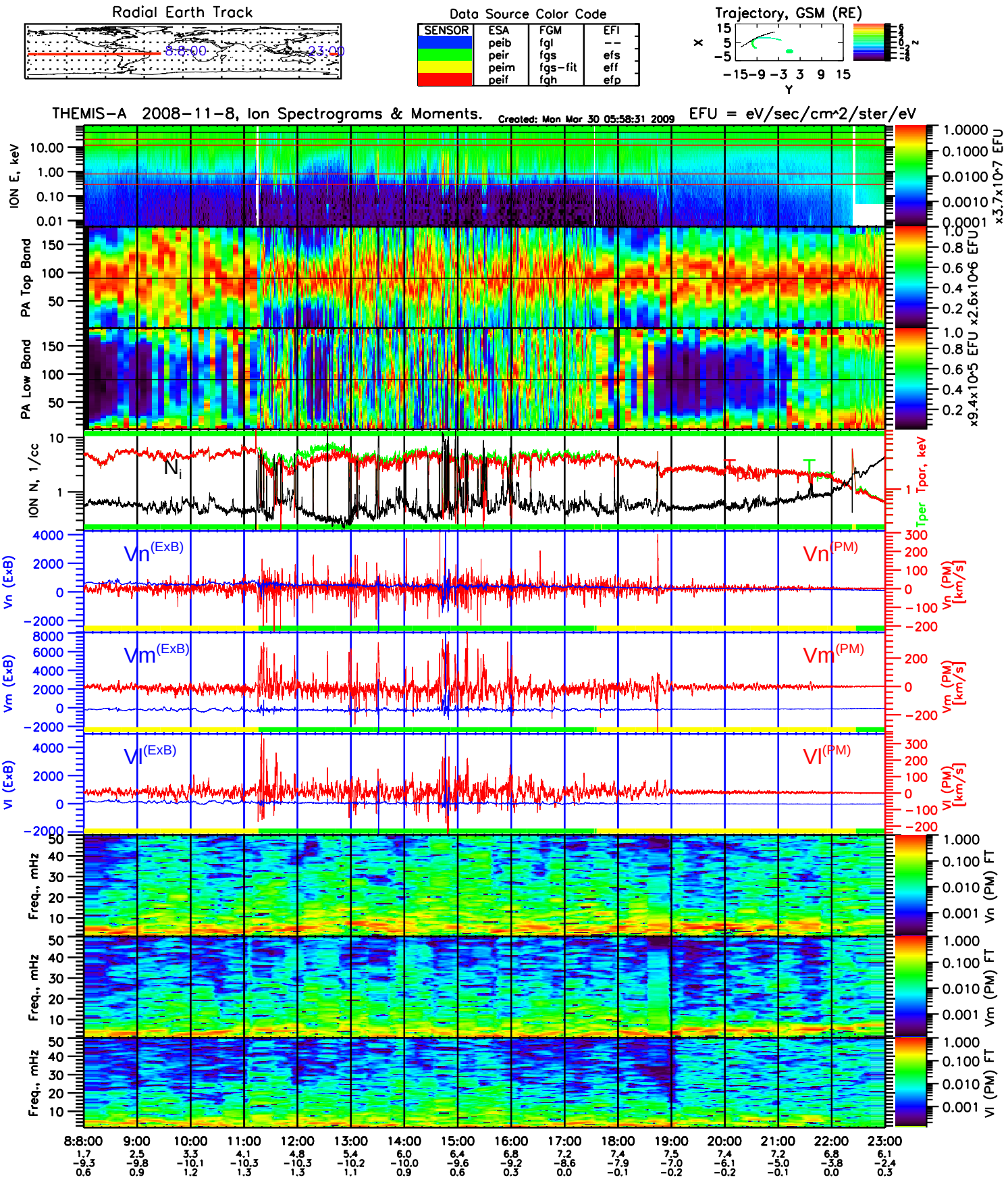
Radial Earth Track
8:8:00
23:00
Data Source Color Code
SENSOR
ESA
FGM
EFI
peib
fgl
--
peir
fgs
efs
peim
fgs-fit
eff
peif
fgh
efp
Trajectory, GSM (RE)
X
Y
Z
THEMIS-A 2008-11-8, Ion Spectrograms & Moments.
Created: Mon Mar 30 05:58:31 2009
EFU = eV/sec/cm^2/ster/eV
ION E, keV
PA Top Band
PA Low Band
x3.7x10^7 EFU
x2.6x10^6 EFU
x9.4x10^5 EFU
ION N, 1/cc
Ni
Tpar
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
8:8:00 1.7 -9.3 0.6
9:00 2.5 -9.8 0.9
10:00 3.3 -10.1 1.2
11:00 4.1 -10.3 1.3
12:00 4.8 -10.3 1.3
13:00 5.4 -10.2 1.1
14:00 6.0 -10.0 0.9
15:00 6.4 -9.6 0.6
16:00 6.8 -9.2 0.3
17:00 7.2 -8.6 0.0
18:00 7.4 -7.9 -0.1
19:00 7.5 -7.0 -0.2
20:00 7.4 -6.1 -0.2
21:00 7.2 -5.0 -0.1
22:00 6.8 -3.8 0.0
23:00 6.1 -2.4 0.3