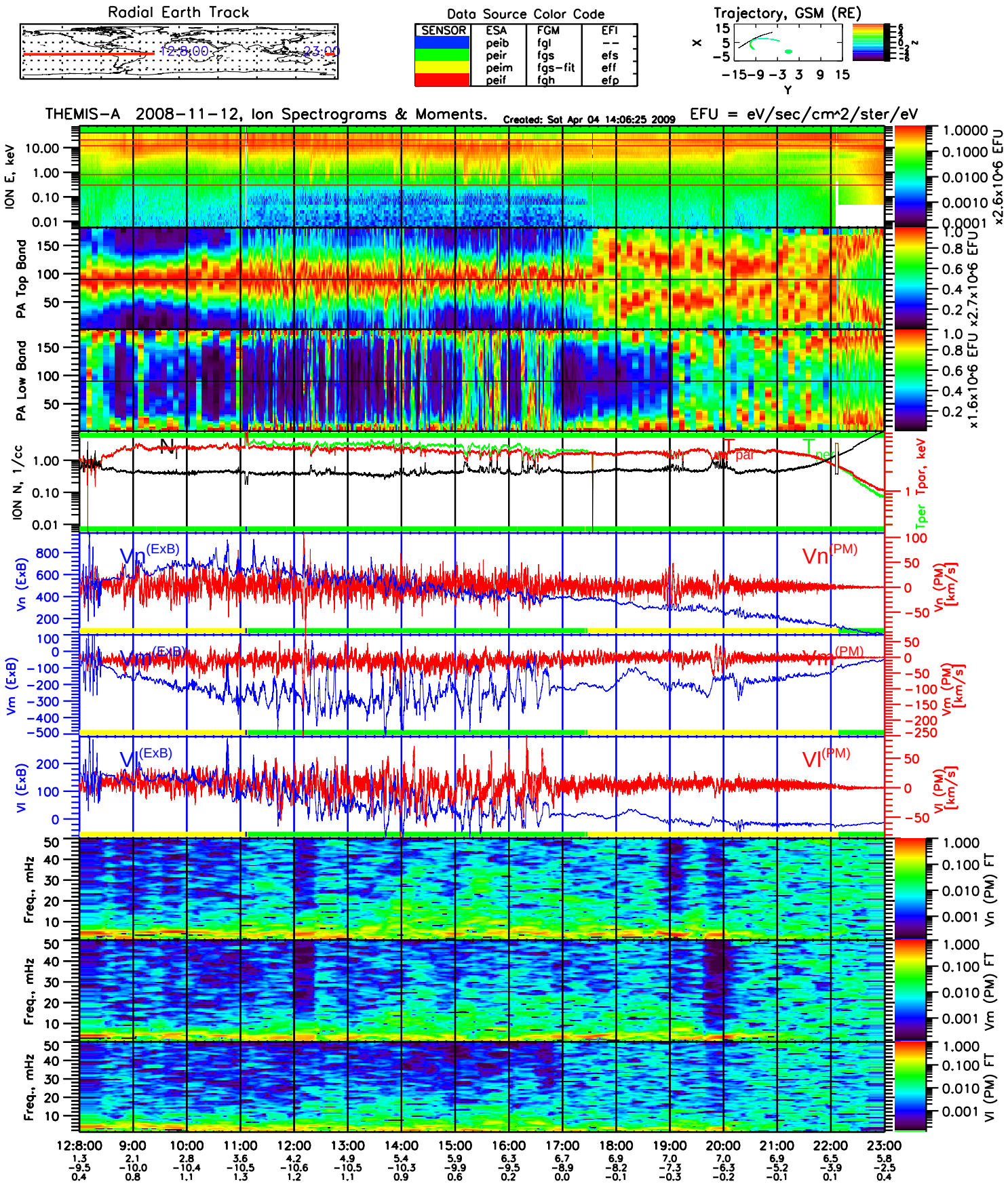
Radial Earth Track
12:8:00
23:00
Data Source Color Code
SENSOR
ESA
FGM
EFI
peib
fgl
--
peir
fgs
efs
peim
fgs-fit
eff
peif
fgh
efp
Trajectory, GSM (RE)
X
Y
Z
THEMIS-A 2008-11-12, Ion Spectrograms & Moments.
Created: Sat Apr 04 14:06:25 2009
EFU = eV/sec/cm^2/ster/eV
ION E, keV
PA Top Band
PA Low Band
x2.6x10^6 EFU
x2.7x10^6 EFU
x1.6x10^6 EFU
ION N, 1/cc
N
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
12:8:00 1.3 -9.5 0.4
9:00 2.1 -10.0 0.8
10:00 2.8 -10.4 1.1
11:00 3.6 -10.5 1.3
12:00 4.2 -10.6 1.2
13:00 4.9 -10.5 1.1
14:00 5.4 -10.3 0.9
15:00 5.9 -9.9 0.6
16:00 6.3 -9.5 0.2
17:00 6.7 -8.9 0.0
18:00 6.9 -8.2 -0.1
19:00 7.0 -7.3 -0.3
20:00 7.0 -6.3 -0.2
21:00 6.9 -5.2 -0.1
22:00 6.5 -3.9 0.1
23:00 5.8 -2.5 0.4