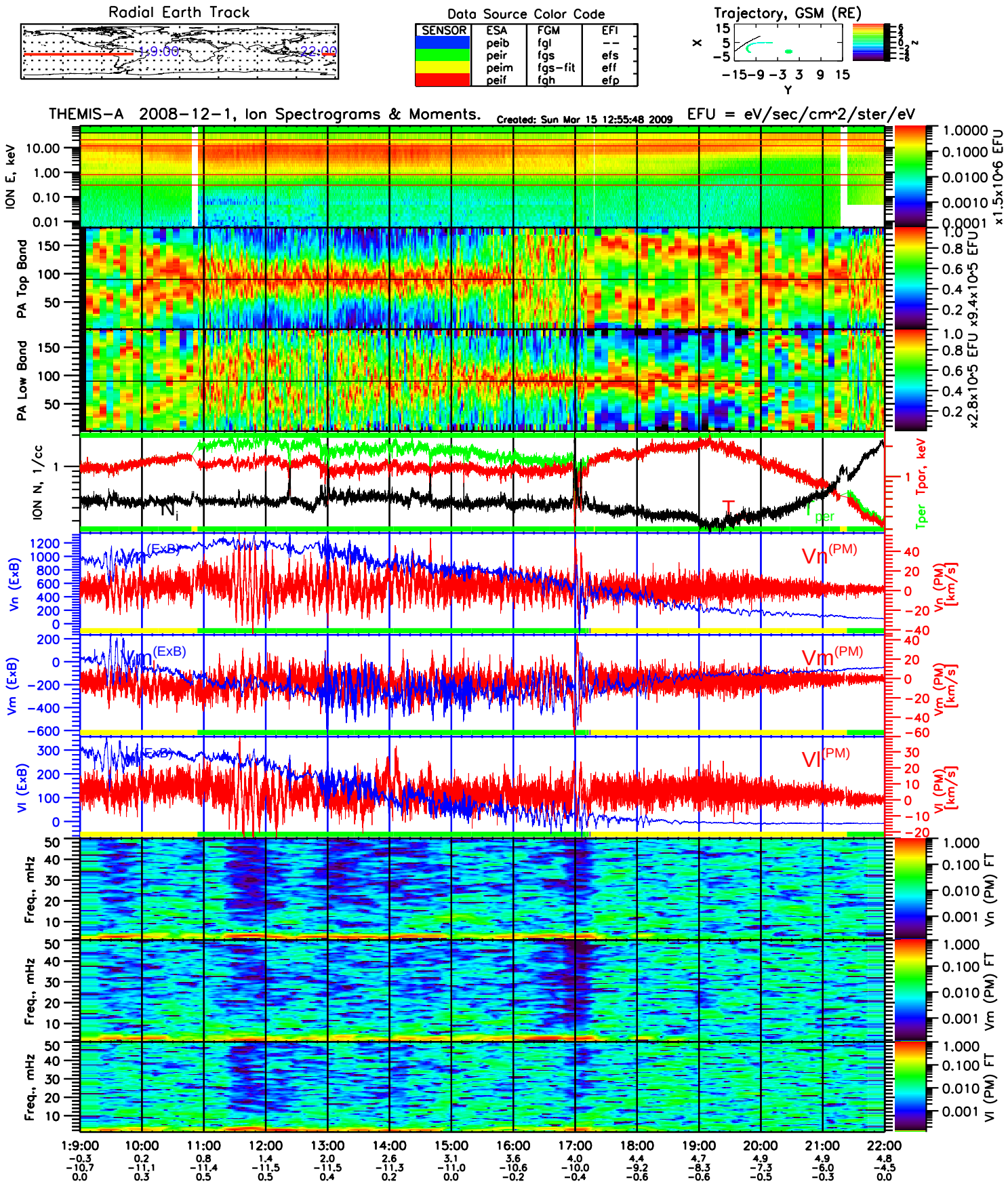
Radial Earth Track
1:9:00
22:00
Data Source Color Code
SENSOR
ESA
FGM
EFI
peib
fgl
--
peir
fgs
efs
peim
fgs-fit
eff
peif
fgh
efp
Trajectory, GSM (RE)
X
Y
Z
THEMIS-A 2008-12-1, Ion Spectrograms & Moments.
Created: Sun Mar 15 12:55:48 2009
EFU = eV/sec/cm^2/ster/eV
ION E, keV
PA Top Band
PA Low Band
x1.5x10^6 EFU
x9.4x10^5 EFU
x2.8x10^5 EFU
ION N, 1/cc
Tper Tpar, keV
Vn (ExB)
Vm (ExB)
Vl (ExB)
Vn (PM) [km/s]
Vm (PM) [km/s]
Vl (PM) [km/s]
Freq., mHz
Vn (PM) FT
Vm (PM) FT
Vl (PM) FT
1:9:00 -0.3 -10.7 0.0
10:00 0.2 -11.1 0.3
11:00 0.8 -11.4 0.5
12:00 1.4 -11.5 0.5
13:00 2.0 -11.5 0.4
14:00 2.6 -11.3 0.2
15:00 3.1 -11.0 0.0
16:00 3.6 -10.6 -0.2
17:00 4.0 -10.0 -0.4
18:00 4.4 -9.2 -0.6
19:00 4.7 -8.3 -0.6
20:00 4.9 -7.3 -0.5
21:00 4.9 -6.0 -0.3
22:00 4.8 -4.5 0.0