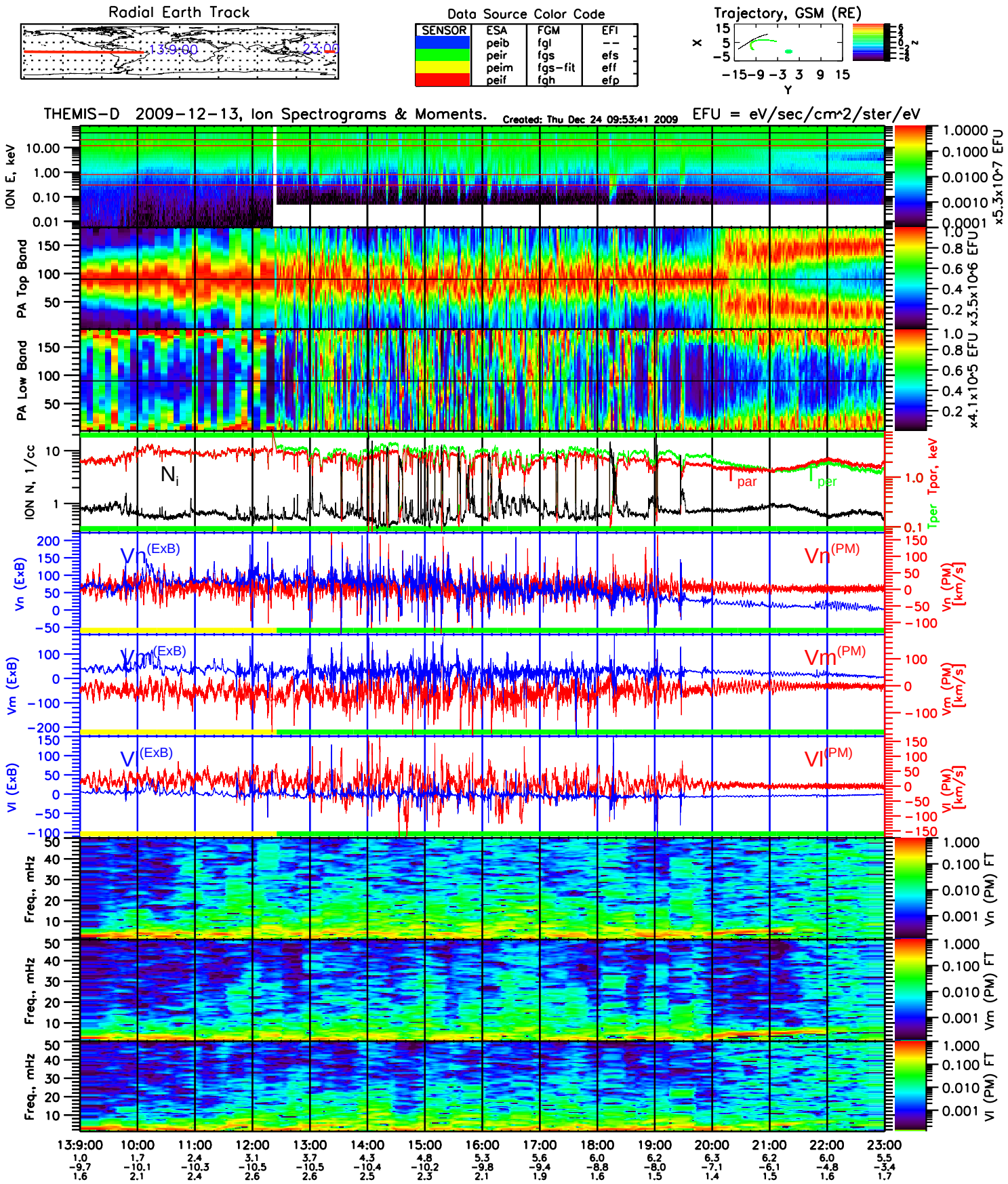
Radial Earth Track
13:9:00
23:06
Data Source Color Code
SENSOR
ESA
FGM
EFI
peib
fgl
--
peir
fgs
efs
peim
fgs-fit
eff
peif
fgh
efp
Trajectory, GSM (RE)
X
Y
Z
THEMIS-D 2009-12-13, Ion Spectrograms & Moments.
Created: Thu Dec 24 09:53:41 2009
EFU = eV/sec/cm^2/ster/eV
ION E, keV
x5.3x10^7 EFU
PA Top Band
x3.5x10^6 EFU
PA Low Band
x4.1x10^5 EFU
ION N, 1/cc
N_i
T_par
T_per
Tpar, keV
Tper
Vn (ExB)
Vn^(ExB)
Vn^(PM)
Vn (PM) [km/s]
Vm (ExB)
Vm^(ExB)
Vm^(PM)
Vm (PM) [km/s]
Vl (ExB)
V^(ExB)
Vl^(PM)
Vl (PM) [km/s]
Freq., mHz
Vn (PM) FT
Vm (PM) FT
Vl (PM) FT
13:9:00 1.0 -9.7 1.6
10:00 1.7 -10.1 2.1
11:00 2.4 -10.3 2.4
12:00 3.1 -10.5 2.6
13:00 3.7 -10.5 2.6
14:00 4.3 -10.4 2.5
15:00 4.8 -10.2 2.3
16:00 5.3 -9.8 2.1
17:00 5.6 -9.4 1.9
18:00 6.0 -8.8 1.6
19:00 6.2 -8.0 1.5
20:00 6.3 -7.1 1.4
21:00 6.2 -6.1 1.5
22:00 6.0 -4.8 1.6
23:00 5.5 -3.4 1.7