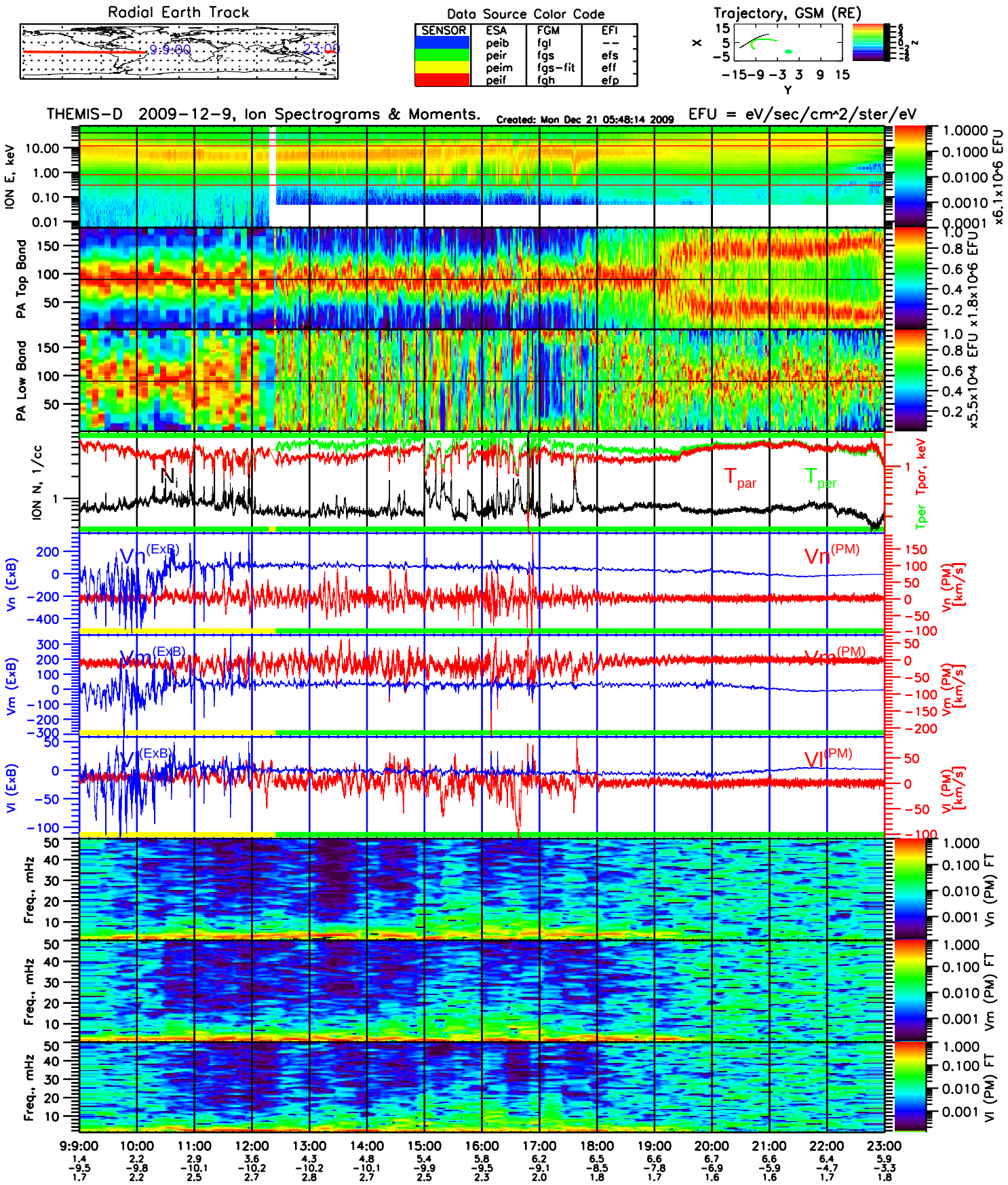
Radial Earth Track
9:9:00
23:00
Data Source Color Code
SENSOR
ESA
peib
peir
peim
peif
FGM
fgl
fgs
fgs-fit
fgh
EFI
efs
eff
efp
Trajectory, GSM (RE)
X
Y
Z
THEMIS-D 2009-12-9, Ion Spectrograms & Moments.
Created: Mon Dec 21 05:48:14 2009
EFU = eV/sec/cm^2/ster/eV
ION E, keV
PA Top Band
PA Low Band
ION N, 1/cc
Tpar
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
x6.1x10^6 EFU
x1.8x10^6 EFU
x5.5x10^4 EFU
9:9:00 1.4 -9.5 1.7
10:00 2.2 -9.8 2.2
11:00 2.9 -10.1 2.5
12:00 3.6 -10.2 2.7
13:00 4.3 -10.2 2.8
14:00 4.8 -10.1 2.7
15:00 5.4 -9.9 2.5
16:00 5.8 -9.5 2.3
17:00 6.2 -9.1 2.0
18:00 6.5 -8.5 1.8
19:00 6.6 -7.8 1.7
20:00 6.7 -6.9 1.6
21:00 6.6 -5.9 1.6
22:00 6.4 -4.7 1.7
23:00 5.9 -3.3 1.8