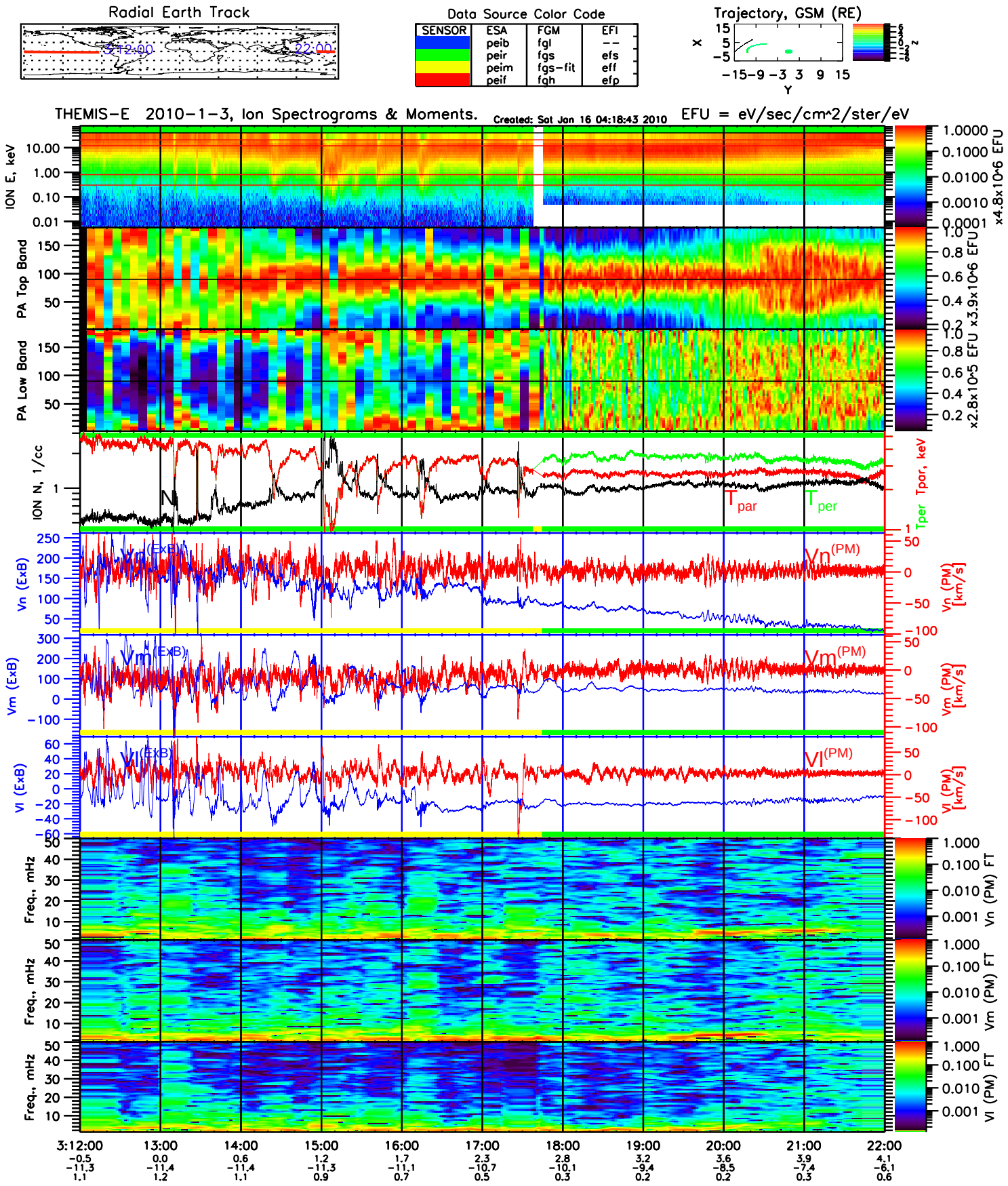
Radial Earth Track
3:12:00
22:00
Data Source Color Code
SENSOR
ESA
FGM
EFI
peib
peir
peim
peif
fgl
fgs
fgs-fit
fgh
efs
eff
efp
Trajectory, GSM (RE)
X
Y
Z
THEMIS-E 2010-1-3, Ion Spectrograms & Moments.
Created: Sat Jan 16 04:18:43 2010
EFU = eV/sec/cm^2/ster/eV
ION E, keV
PA Top Band
PA Low Band
ION N, 1/cc
Tpar, keV
Tper
Tpar
Tper
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
x4.8x10^6 EFU
x3.9x10^6 EFU
x2.8x10^5 EFU
3:12:00 -0.5 -11.3 1.1
13:00 0.0 -11.4 1.2
14:00 0.6 -11.4 1.1
15:00 1.2 -11.3 0.9
16:00 1.7 -11.1 0.7
17:00 2.3 -10.7 0.5
18:00 2.8 -10.1 0.3
19:00 3.2 -9.4 0.2
20:00 3.6 -8.5 0.2
21:00 3.9 -7.4 0.3
22:00 4.1 -6.1 0.6