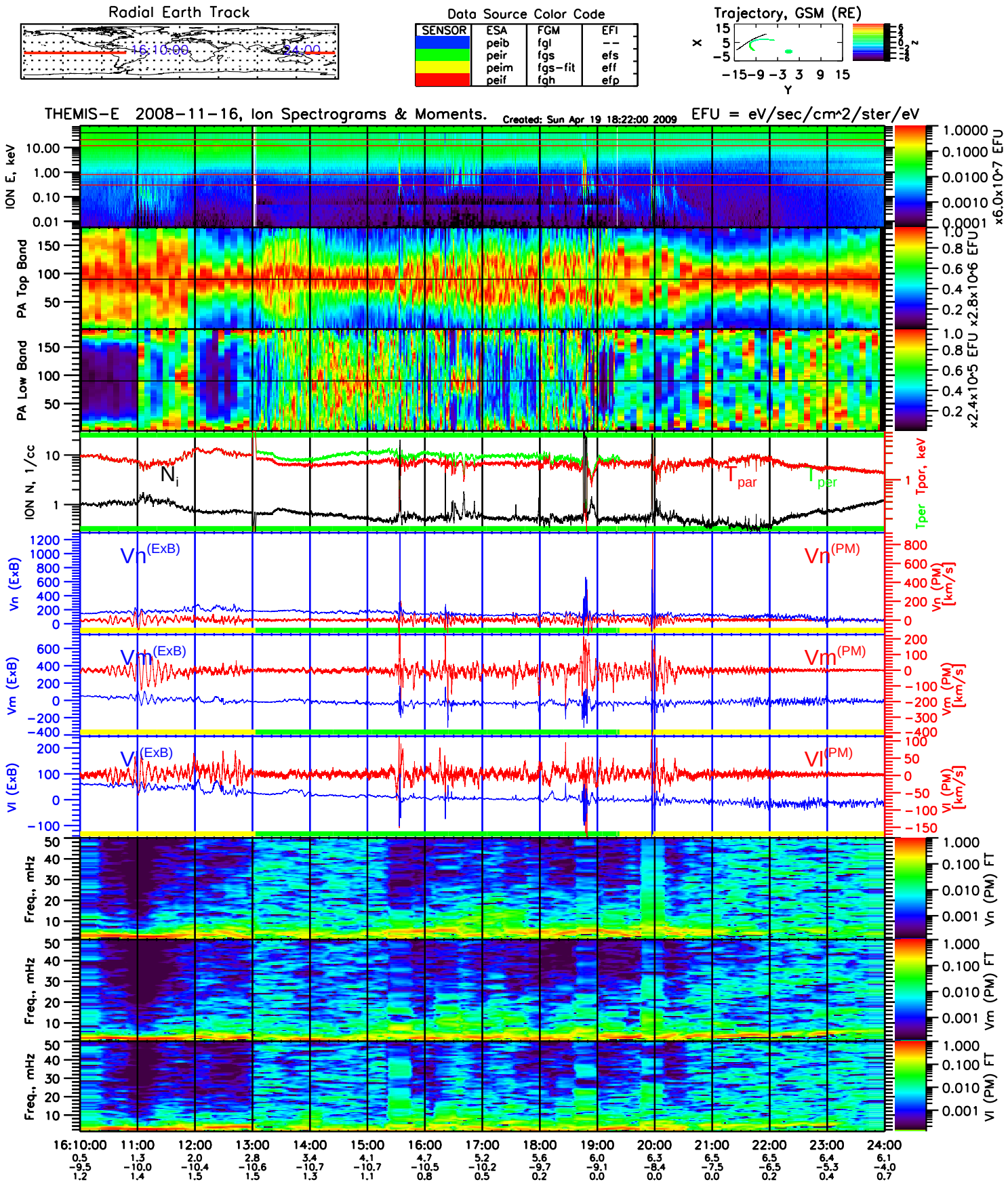
Radial Earth Track
16:10:00
24:00
Data Source Color Code
SENSOR
ESA
FGM
EFI
peib
fgl
--
peir
fgs
efs
peim
fgs-fit
eff
peif
fgh
efp
Trajectory, GSM (RE)
X
Y
Z
THEMIS-E 2008-11-16, Ion Spectrograms & Moments.
Created: Sun Apr 19 18:22:00 2009
EFU = eV/sec/cm^2/ster/eV
ION E, keV
PA Top Band
PA Low Band
x6.0x10^7 EFU
x2.8x10^6 EFU
x2.4x10^5 EFU
ION N, 1/cc
Ni
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
16:10:00 0.5 -9.5 1.2
11:00 1.3 -10.0 1.4
12:00 2.0 -10.4 1.5
13:00 2.8 -10.6 1.5
14:00 3.4 -10.7 1.3
15:00 4.1 -10.7 1.1
16:00 4.7 -10.5 0.8
17:00 5.2 -10.2 0.5
18:00 5.6 -9.7 0.2
19:00 6.0 -9.1 0.0
20:00 6.3 -8.4 0.0
21:00 6.5 -7.5 0.0
22:00 6.5 -6.5 0.2
23:00 6.4 -5.3 0.4
24:00 6.1 -4.0 0.7