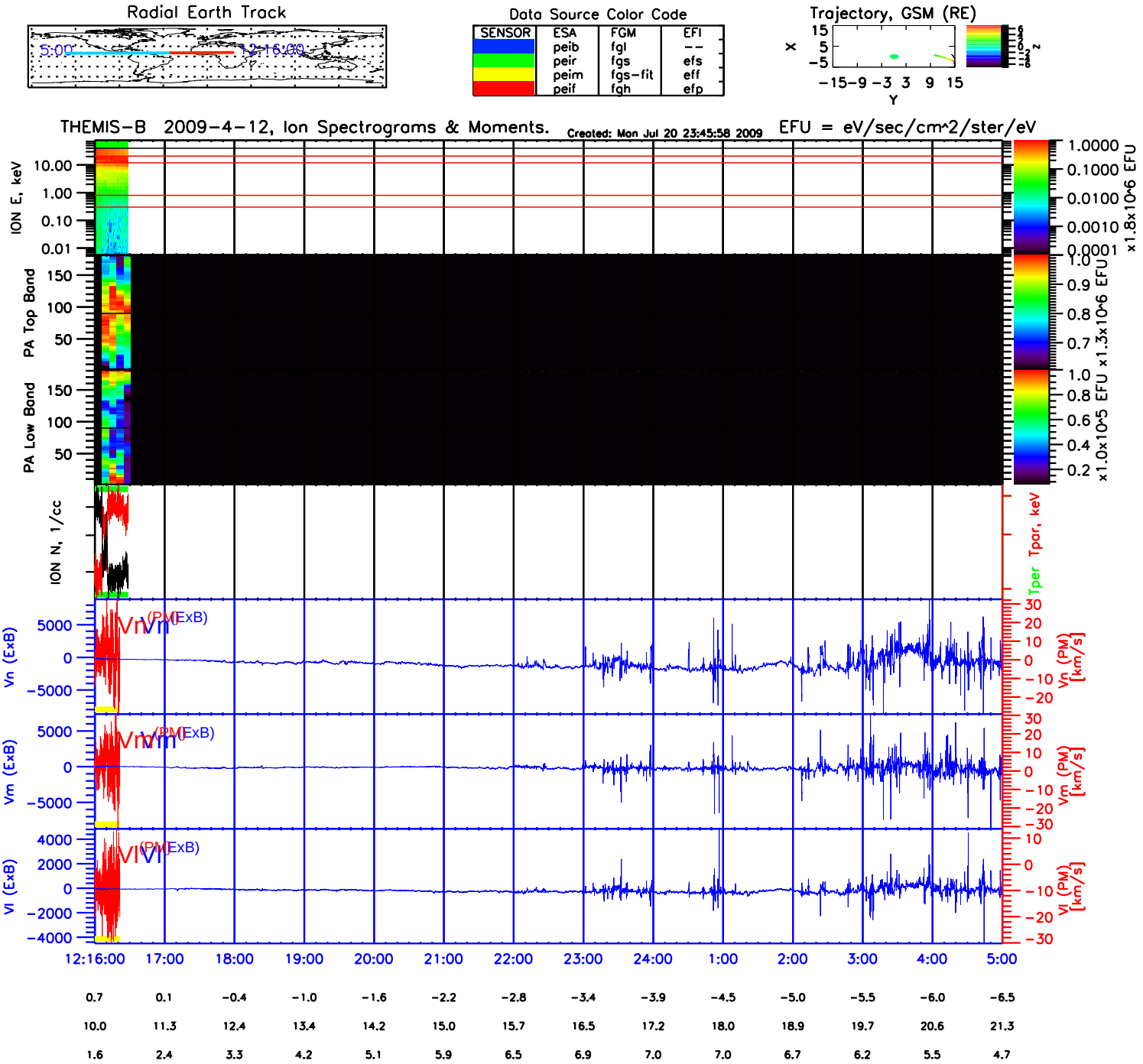
Radial Earth Track
5:00
12:16:00
Data Source Color Code
SENSOR
ESA
FGM
EFI
peib
fgl
peir
fgs
efs
peim
fgs-fit
eff
peif
fgh
efp
Trajectory, GSM (RE)
X
Y
Z
THEMIS-B 2009-4-12, Ion Spectrograms & Moments.
Created: Mon Jul 20 23:45:58 2009
EFU = eV/sec/cm^2/ster/eV
ION E, keV
PA Top Band
PA Low Band
ION N, 1/cc
Tper
Tpar, keV
x1.8x10^6 EFU
x1.3x10^6 EFU
x1.0x10^5 EFU
Vn (ExB)
Vm (ExB)
Vl (ExB)
Vn (PM) [km/s]
Vm (PM) [km/s]
Vl (PM) [km/s]
Vn (PM)
Vn (ExB)
Vm (PM)
Vm (ExB)
Vl (PM)
Vl (ExB)
12:16:00
17:00
18:00
19:00
20:00
21:00
22:00
23:00
24:00
1:00
2:00
3:00
4:00
5:00
0.7 0.1 -0.4 -1.0 -1.6 -2.2 -2.8 -3.4 -3.9 -4.5 -5.0 -5.5 -6.0 -6.5
10.0 11.3 12.4 13.4 14.2 15.0 15.7 16.5 17.2 18.0 18.9 19.7 20.6 21.3
1.6 2.4 3.3 4.2 5.1 5.9 6.5 6.9 7.0 7.0 6.7 6.2 5.5 4.7