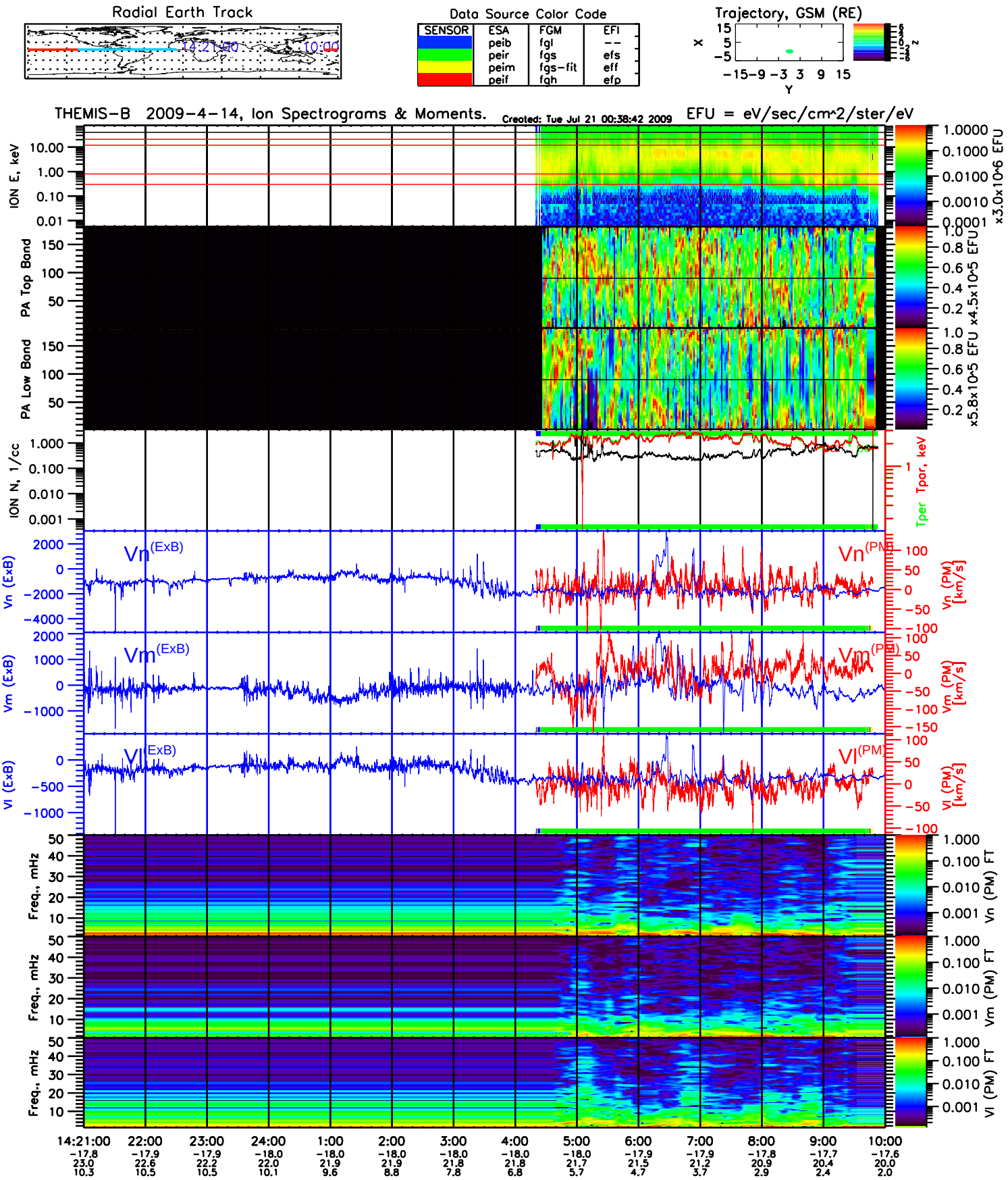
Radial Earth Track
14:21:00
10:00
Data Source Color Code
SENSOR
ESA
FGM
EFI
peib
fgl
--
peir
fgs
efs
peim
fgs-fit
eff
peif
fgh
efp
Trajectory, GSM (RE)
X
Y
Z
THEMIS-B 2009-4-14, Ion Spectrograms & Moments.
Created: Tue Jul 21 00:38:42 2009
EFU = eV/sec/cm^2/ster/eV
ION E, keV
x3.0x10^6 EFU
PA Top Band
x4.5x10^5 EFU
PA Low Band
x5.8x10^5 EFU
ION N, 1/cc
Tper Tpar, keV
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
14:21:00 -17.8 23.0 10.3
22:00 -17.9 22.6 10.5
23:00 -17.9 22.2 10.5
24:00 -18.0 22.0 10.1
1:00 -18.0 21.9 9.6
2:00 -18.0 21.9 8.8
3:00 -18.0 21.8 7.8
4:00 -18.0 21.8 6.8
5:00 -18.0 21.7 5.7
6:00 -17.9 21.5 4.7
7:00 -17.9 21.2 3.7
8:00 -17.8 20.9 2.9
9:00 -17.7 20.4 2.4
10:00 -17.6 20.0 2.0