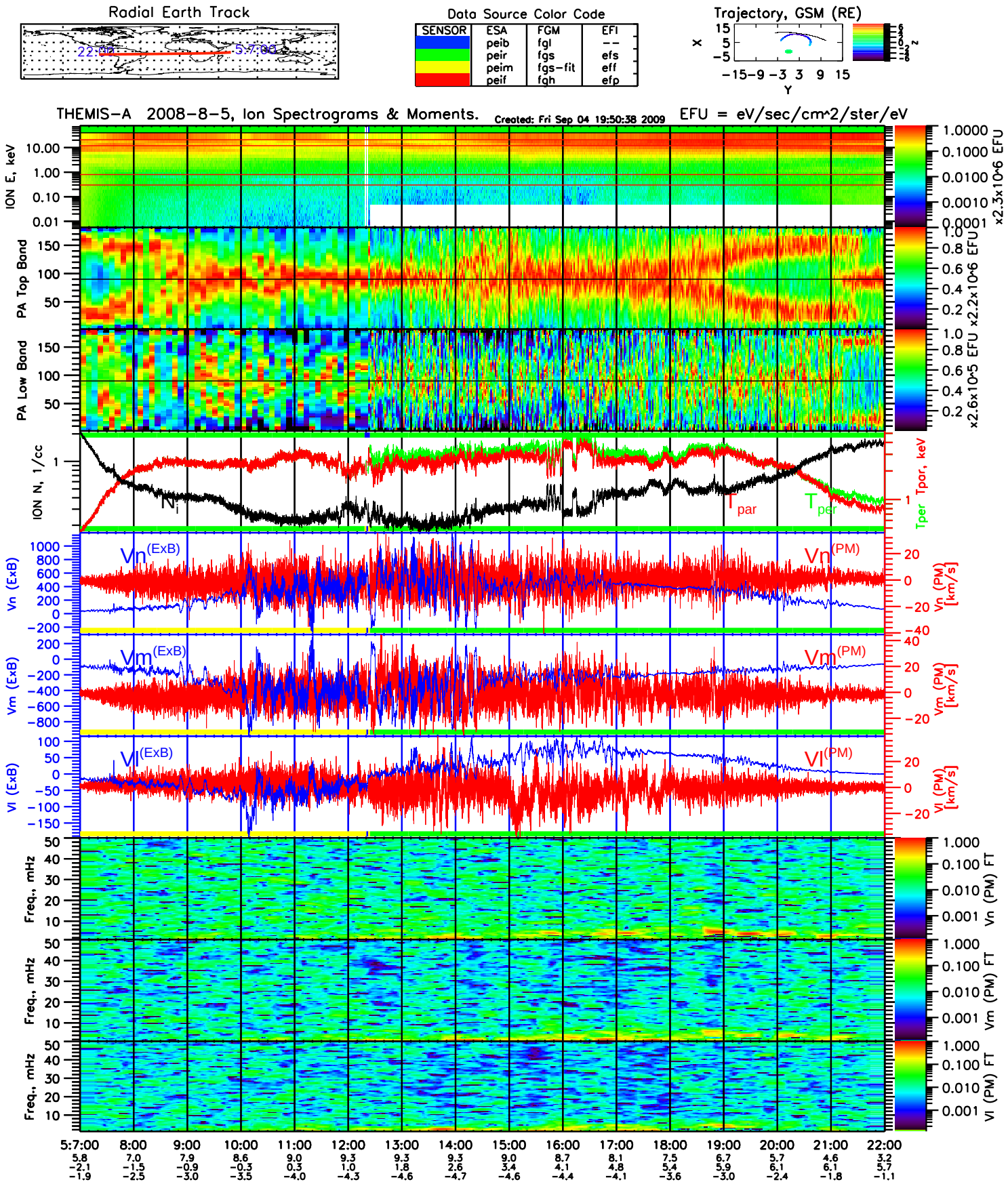
Radial Earth Track
22:00
5:7:00
Data Source Color Code
SENSOR
ESA
FGM
EFI
peib
fgl
--
peir
fgs
efs
peim
fgs-fit
eff
peif
fgh
efp
Trajectory, GSM (RE)
X
Y
Z
THEMIS-A 2008-8-5, Ion Spectrograms & Moments.
Created: Fri Sep 04 19:50:38 2009
EFU = eV/sec/cm^2/ster/eV
ION E, keV
x2.3x10^6 EFU
PA Top Band
x2.2x10^6 EFU
PA Low Band
x2.6x10^5 EFU
ION N, 1/cc
Tper Tpar, keV
Ni
Tpar
Tper
Vn (ExB)
Vn (PM) [km/s]
Vn(ExB)
Vn(PM)
Vm (ExB)
Vm (PM) [km/s]
Vm(ExB)
Vm(PM)
Vl (ExB)
Vl (PM) [km/s]
Vl(ExB)
Vl(PM)
Freq., mHz
Vn (PM) FT
Vm (PM) FT
Vl (PM) FT
5:7:00 5.8 -2.1 -1.9
8:00 7.0 -1.5 -2.5
9:00 7.9 -0.9 -3.0
10:00 8.6 -0.3 -3.5
11:00 9.0 0.3 -4.0
12:00 9.3 1.0 -4.3
13:00 9.3 1.8 -4.6
14:00 9.3 2.6 -4.7
15:00 9.0 3.4 -4.6
16:00 8.7 4.1 -4.4
17:00 8.1 4.8 -4.1
18:00 7.5 5.4 -3.6
19:00 6.7 5.9 -3.0
20:00 5.7 6.1 -2.4
21:00 4.6 6.1 -1.8
22:00 3.2 5.7 -1.1