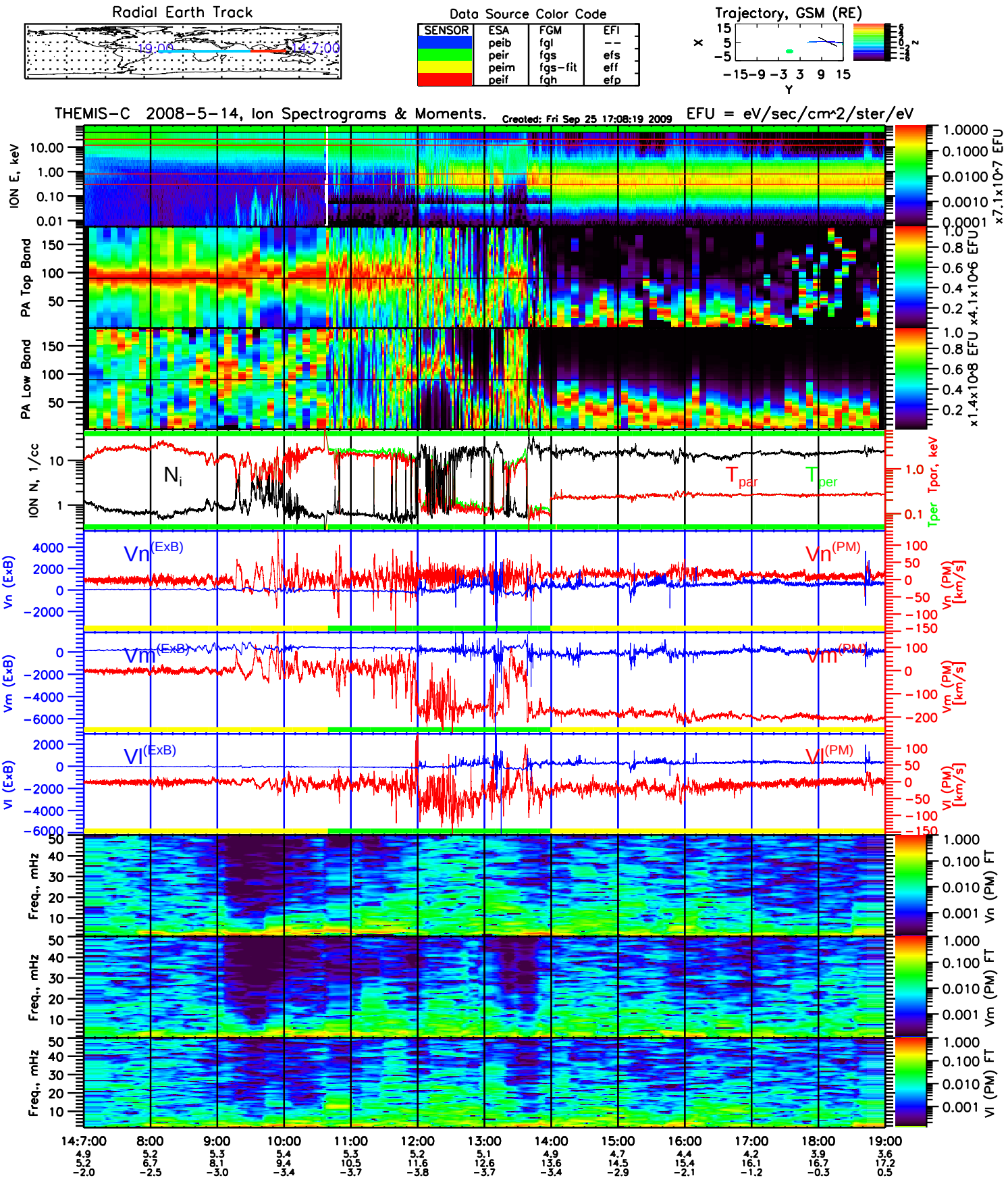
Radial Earth Track
19:00
14:7:00
Data Source Color Code
SENSOR
ESA
peib
peir
peim
peif
FGM
fgl
fgs
fgs-fit
fgh
EFI
efs
eff
efp
Trajectory, GSM (RE)
X
Y
Z
THEMIS-C 2008-5-14, Ion Spectrograms & Moments.
Created: Fri Sep 25 17:08:19 2009
EFU = eV/sec/cm^2/ster/eV
ION E, keV
PA Top Band
PA Low Band
x7.1x10^7 EFU
x4.1x10^6 EFU
x1.4x10^8 EFU
ION N, 1/cc
Ni
Tpar
Tper
Tpar, keV
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
14:7:00 4.9 5.2 -2.0
8:00 5.2 6.7 -2.5
9:00 5.3 8.1 -3.0
10:00 5.4 9.4 -3.4
11:00 5.3 10.5 -3.7
12:00 5.2 11.6 -3.8
13:00 5.1 12.6 -3.7
14:00 4.9 13.6 -3.4
15:00 4.7 14.5 -2.9
16:00 4.4 15.4 -2.1
17:00 4.2 16.1 -1.2
18:00 3.9 16.7 -0.3
19:00 3.6 17.2 0.5