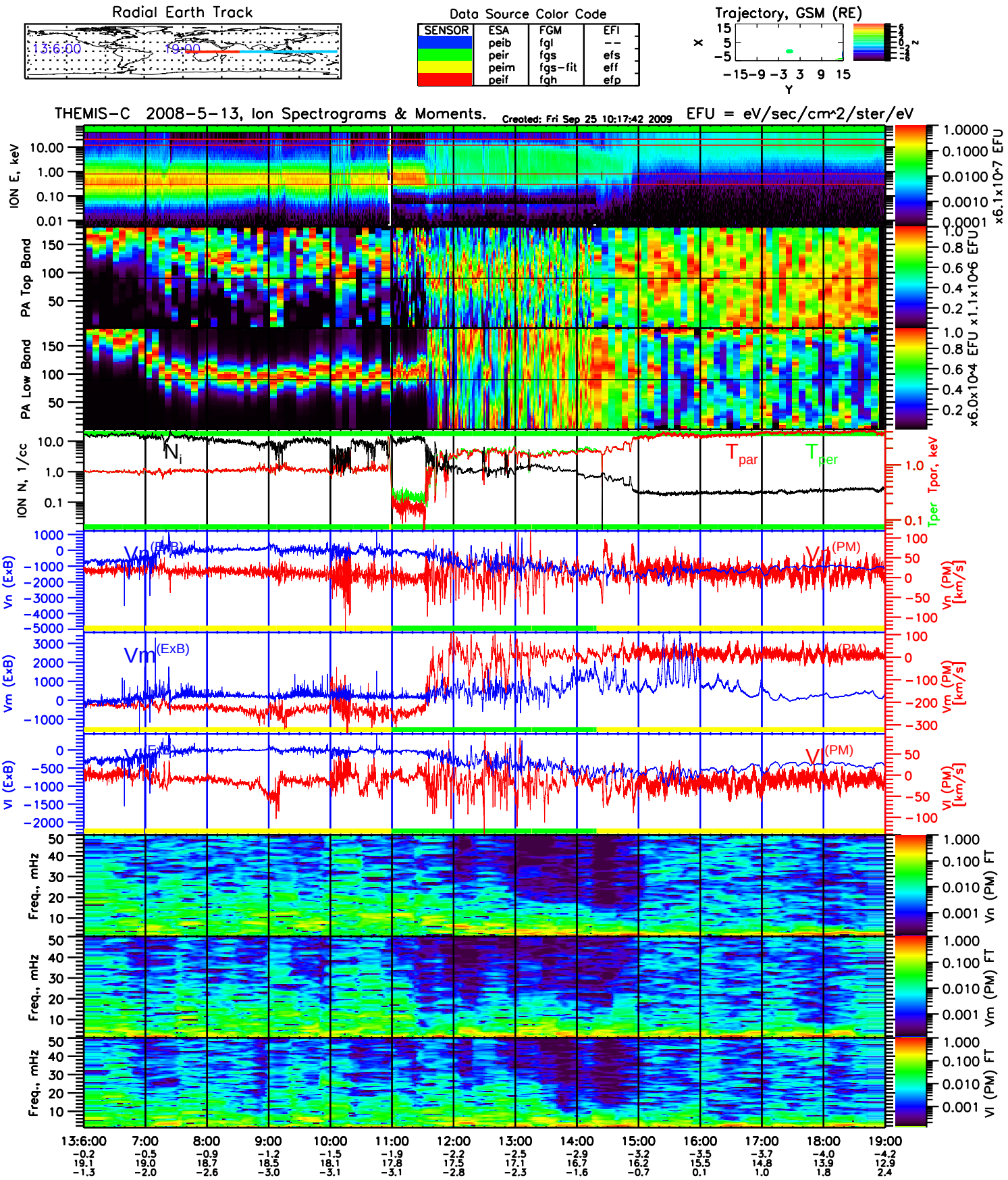
Radial Earth Track
13:6:00
19:00
Data Source Color Code
SENSOR
ESA
FGM
EFI
peib
fgl
--
peir
fgs
efs
peim
fgs-fit
eff
peif
fgh
efp
Trajectory, GSM (RE)
X
Y
Z
THEMIS-C 2008-5-13, Ion Spectrograms & Moments.
Created: Fri Sep 25 10:17:42 2009
EFU = eV/sec/cm^2/ster/eV
ION E, keV
PA Top Band
PA Low Band
x6.1x10^7 EFU
x1.1x10^6 EFU
x6.0x10^4 EFU
ION N, 1/cc
Ni
Tpar
Tper
Tpar, keV
Tper
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
13:6:00 -0.2 19.1 -1.3
7:00 -0.5 19.0 -2.0
8:00 -0.9 18.7 -2.6
9:00 -1.2 18.5 -3.0
10:00 -1.5 18.1 -3.1
11:00 -1.9 17.8 -3.1
12:00 -2.2 17.5 -2.8
13:00 -2.5 17.1 -2.3
14:00 -2.9 16.7 -1.6
15:00 -3.2 16.2 -0.7
16:00 -3.5 15.5 0.1
17:00 -3.7 14.8 1.0
18:00 -4.0 13.9 1.8
19:00 -4.2 12.9 2.4