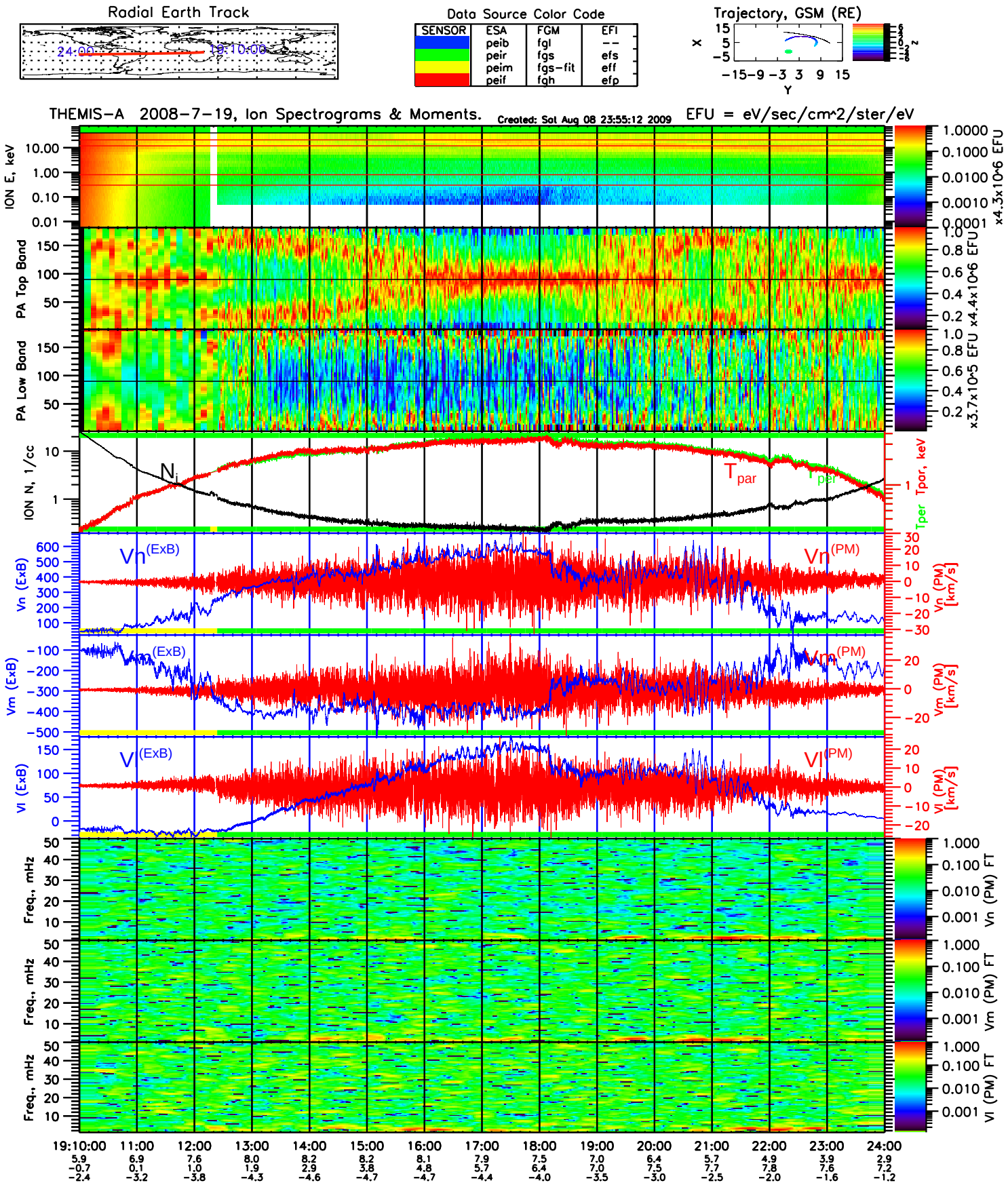
Radial Earth Track
24:00
19:10:00
Data Source Color Code
SENSOR
ESA
FGM
EFI
peib
fgl
--
peir
fgs
efs
peim
fgs-fit
eff
peif
fgh
efp
Trajectory, GSM (RE)
X
Y
Z
THEMIS-A 2008-7-19, Ion Spectrograms & Moments.
Created: Sat Aug 08 23:55:12 2009
EFU = eV/sec/cm^2/ster/eV
ION E, keV
x4.3x10^6 EFU
PA Top Band
x4.4x10^6 EFU
PA Low Band
x3.7x10^5 EFU
ION N, 1/cc
N_i
T_par
T_per
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)
V^(ExB)
Vl^(PM)
Vl (PM) [km/s]
Freq., mHz
Vn (PM) FT
Vm (PM) FT
Vl (PM) FT
19:10:00 5.9 -0.7 -2.4
11:00 6.9 0.1 -3.2
12:00 7.6 1.0 -3.8
13:00 8.0 1.9 -4.3
14:00 8.2 2.9 -4.6
15:00 8.2 3.8 -4.7
16:00 8.1 4.8 -4.7
17:00 7.9 5.7 -4.4
18:00 7.5 6.4 -4.0
19:00 7.0 7.0 -3.5
20:00 6.4 7.5 -3.0
21:00 5.7 7.7 -2.5
22:00 4.9 7.8 -2.0
23:00 3.9 7.6 -1.6
24:00 2.9 7.2 -1.2