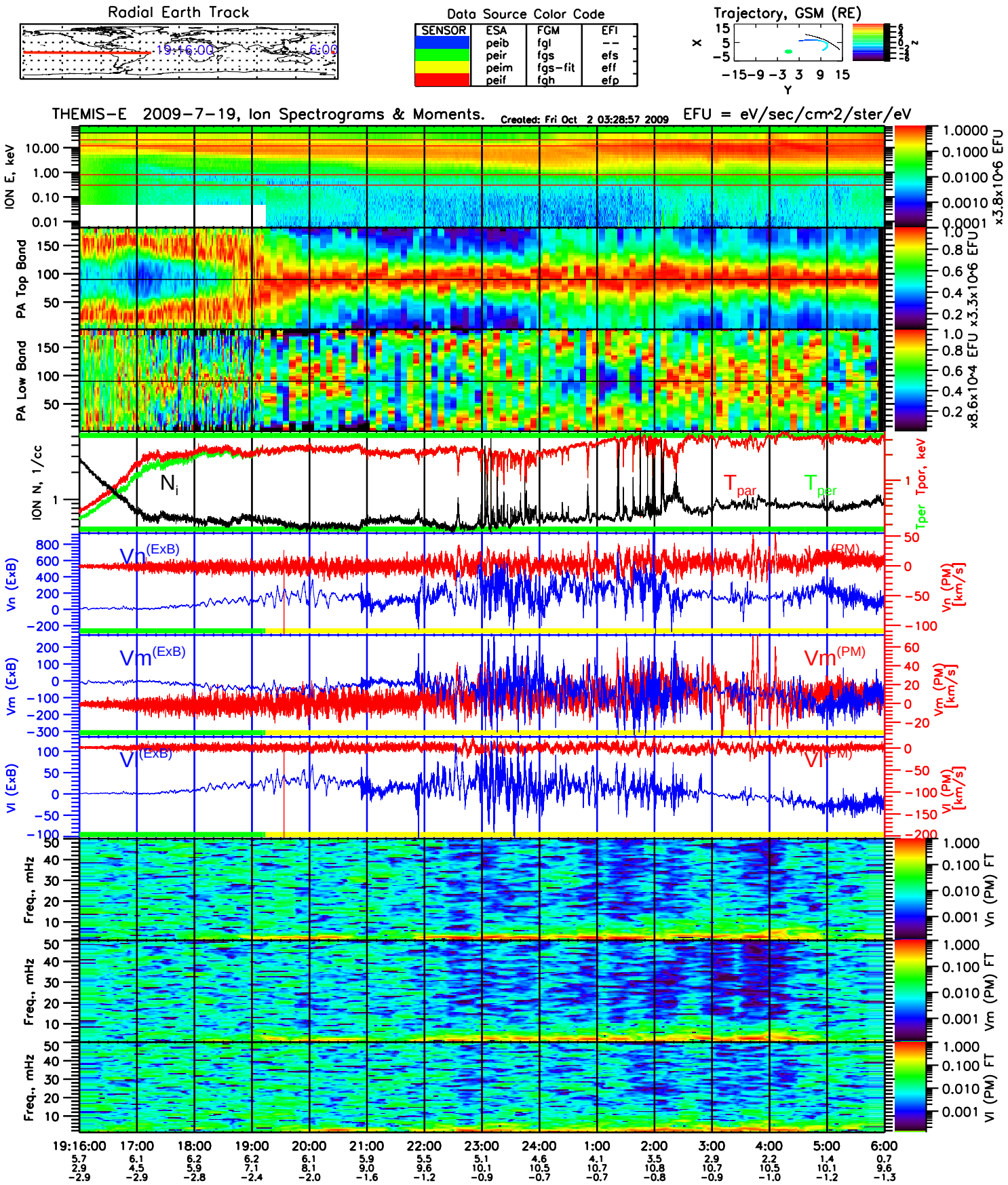
Radial Earth Track
19:16:00
6:00
Data Source Color Code
SENSOR
ESA
FGM
EFI
peib
fgl
--
peir
fgs
efs
peim
fgs-fit
eff
peif
fgh
efp
Trajectory, GSM (RE)
X
Y
Z
THEMIS-E 2009-7-19, Ion Spectrograms & Moments.
Created: Fri Oct 2 03:28:57 2009
EFU = eV/sec/cm^2/ster/eV
ION E, keV
x3.8x10^6 EFU
PA Top Band
x3.3x10^6 EFU
PA Low Band
x8.6x10^4 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)
Vl^(ExB)
Vl^(PM)
Vl (PM) [km/s]
Freq., mHz
Vn (PM) FT
Vm (PM) FT
Vl (PM) FT
19:16:00 5.7 2.9 -2.9
17:00 6.1 4.5 -2.9
18:00 6.2 5.9 -2.8
19:00 6.2 7.1 -2.4
20:00 6.1 8.1 -2.0
21:00 5.9 9.0 -1.6
22:00 5.5 9.6 -1.2
23:00 5.1 10.1 -0.9
24:00 4.6 10.5 -0.7
1:00 4.1 10.7 -0.7
2:00 3.5 10.8 -0.8
3:00 2.9 10.7 -0.9
4:00 2.2 10.5 -1.0
5:00 1.4 10.1 -1.2
6:00 0.7 9.6 -1.3