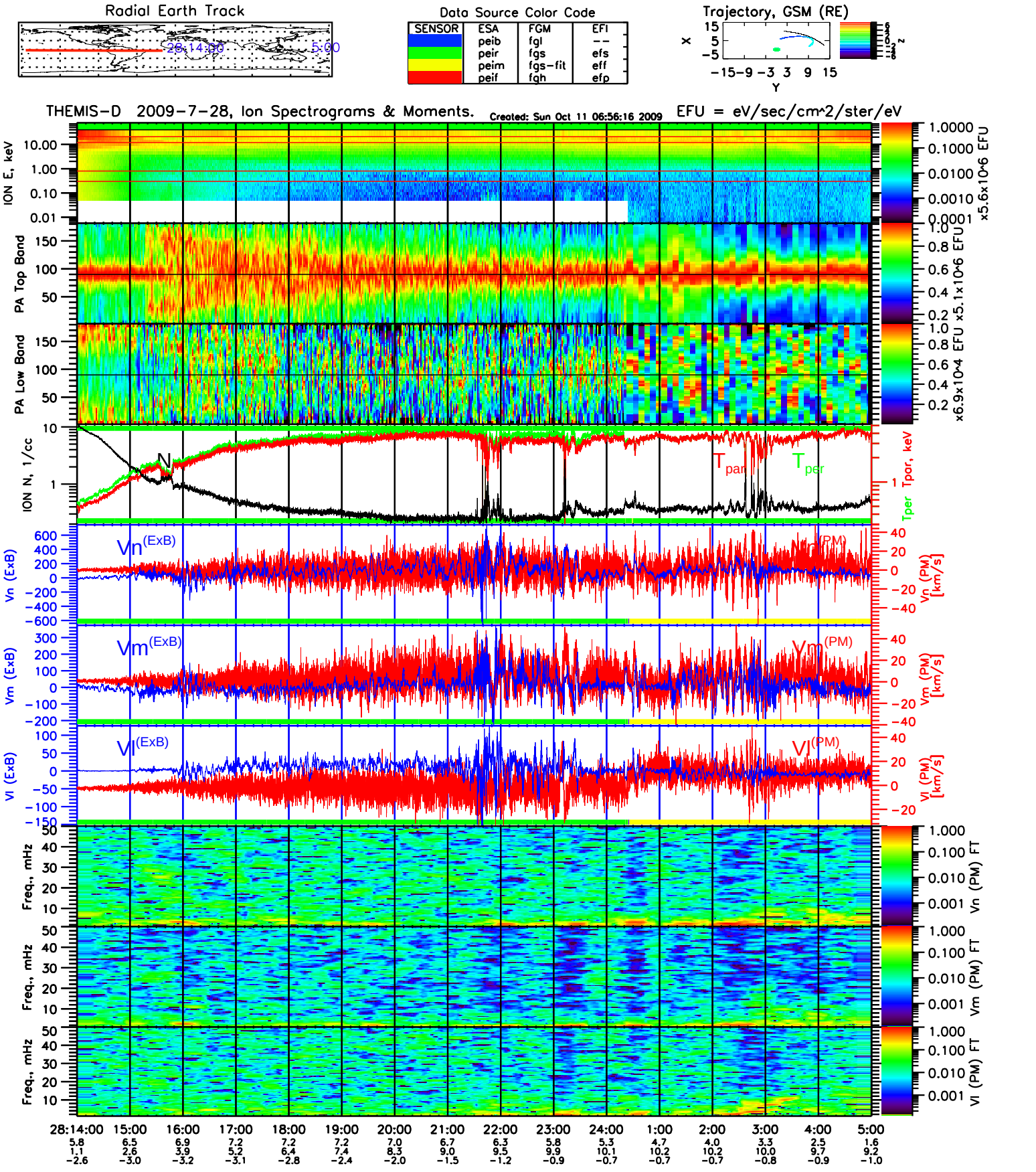
Radial Earth Track
28:14:00
5:00
Data Source Color Code
SENSOR
ESA
peib
peir
peim
peif
FGM
fgl
fgs
fgs-fit
fgh
EFI
efs
eff
efp
Trajectory, GSM (RE)
X
Y
Z
THEMIS-D 2009-7-28, Ion Spectrograms & Moments.
Created: Sun Oct 11 06:56:16 2009
EFU = eV/sec/cm^2/ster/eV
ION E, keV
PA Top Band
PA Low Band
x6.9x10^4 EFU
x5.1x10^6 EFU
x5.6x10^6 EFU
ION N, 1/cc
N
T par
T per
Tpar, keV
Tper
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
28:14:00 15:00 16:00 17:00 18:00 19:00 20:00 21:00 22:00 23:00 24:00 1:00 2:00 3:00 4:00 5:00
5.8 6.5 6.9 7.2 7.2 7.2 7.0 6.7 6.3 5.8 5.3 4.7 4.0 3.3 2.5 1.6
1.1 2.6 3.9 5.2 6.4 7.4 8.3 9.0 9.5 9.9 10.1 10.2 10.2 10.0 9.7 9.2
-2.6 -3.0 -3.2 -3.1 -2.8 -2.4 -2.0 -1.5 -1.2 -0.9 -0.7 -0.7 -0.7 -0.8 -0.9 -1.0