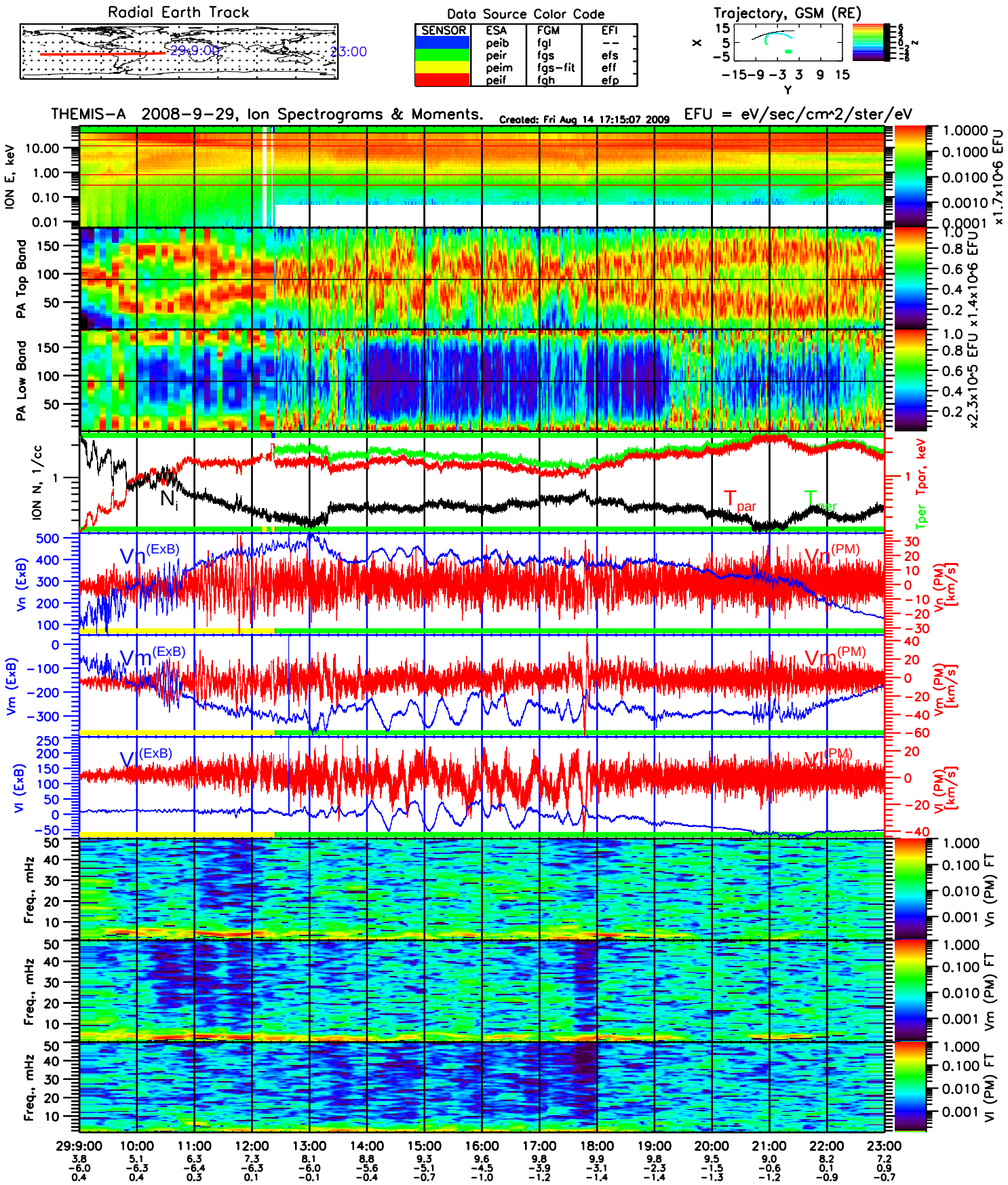
Radial Earth Track
29:9:00
23:00
Data Source Color Code
SENSOR
ESA
FGM
EFI
peib
fgl
--
peir
fgs
efs
peim
fgs-fit
eff
peif
fgh
efp
Trajectory, GSM (RE)
X
Y
Z
THEMIS-A 2008-9-29, Ion Spectrograms & Moments.
Created: Fri Aug 14 17:15:07 2009
EFU = eV/sec/cm^2/ster/eV
ION E, keV
x1.7x10^6 EFU
PA Top Band
x1.4x10^6 EFU
PA Low Band
x2.3x10^5 EFU
ION N, 1/cc
Tpar, keV
Tper
Ni
Tpar
Tper
Vn (ExB)
Vn (PM) [km/s]
Vn(ExB)
Vn(PM)
Vm (ExB)
Vm (PM) [km/s]
Vm(ExB)
Vm(PM)
Vl (ExB)
Vl (PM) [km/s]
V(ExB)
Vl(PM)
Freq., mHz
Vn (PM) FT
Vm (PM) FT
Vl (PM) FT
29:9:00 3.8 -6.0 0.4
10:00 5.1 -6.3 0.4
11:00 6.3 -6.4 0.3
12:00 7.3 -6.3 0.1
13:00 8.1 -6.0 -0.1
14:00 8.8 -5.6 -0.4
15:00 9.3 -5.1 -0.7
16:00 9.6 -4.5 -1.0
17:00 9.8 -3.9 -1.2
18:00 9.9 -3.1 -1.4
19:00 9.8 -2.3 -1.4
20:00 9.5 -1.5 -1.3
21:00 9.0 -0.6 -1.2
22:00 8.2 0.1 -0.9
23:00 7.2 0.9 -0.7