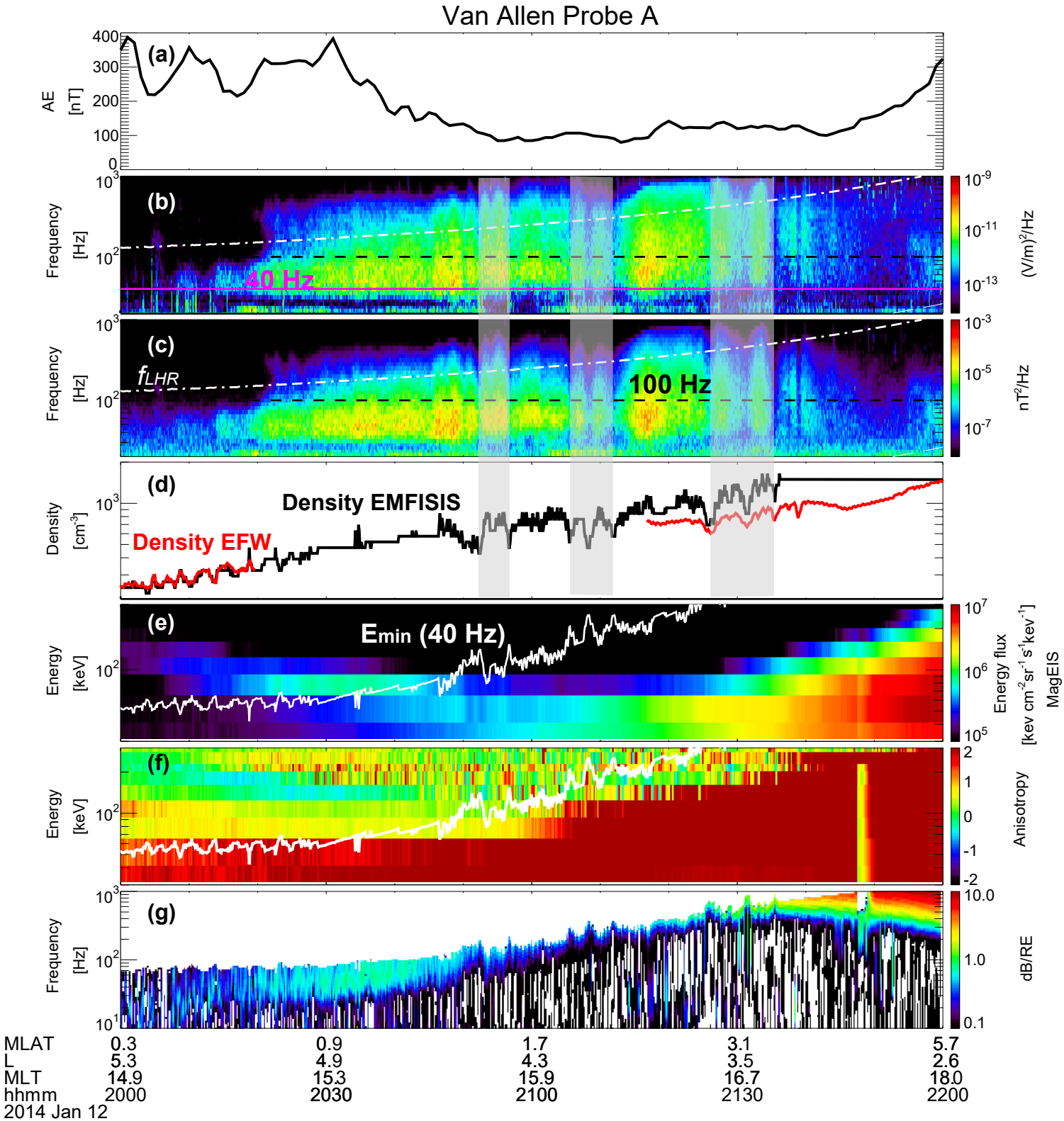
Van Allen Probe A
(a)
AE [nT]
400
300
200
100
0
(b)
Frequency [Hz]
40 Hz
(V/m)²/Hz
(c)
f_{LHR}
100 Hz
nT²/Hz
(d)
Density [cm⁻³]
Density EMFISIS
Density EFW
(e)
Energy [keV]
Emin (40 Hz)
Energy flux [kev cm⁻² sr⁻¹ s⁻¹ kev⁻¹]
MagEIS
(f)
Anisotropy
(g)
dB/RE
MLAT 0.3 0.9 1.7 3.1 5.7
L 5.3 4.9 4.3 3.5 2.6
MLT 14.9 15.3 15.9 16.7 18.0
hhmm 2000 2030 2100 2130 2200
2014 Jan 12