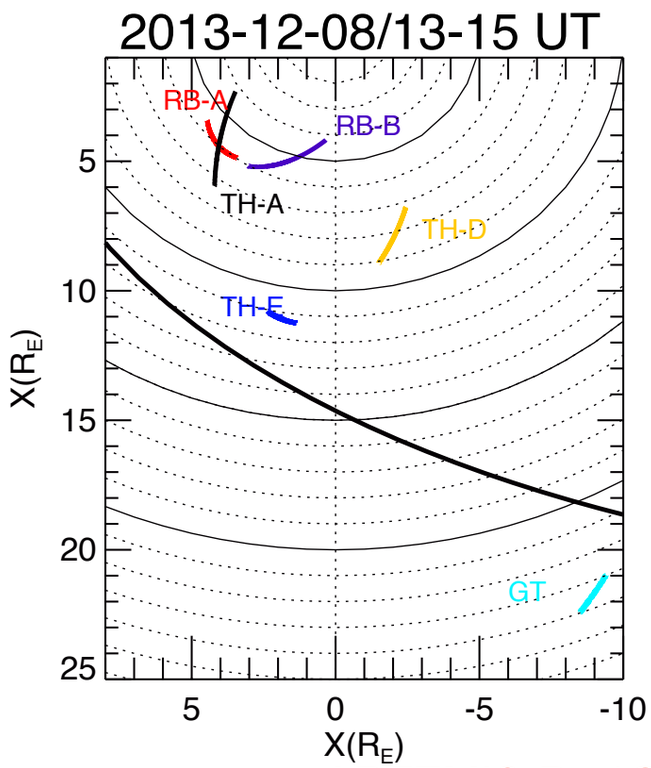
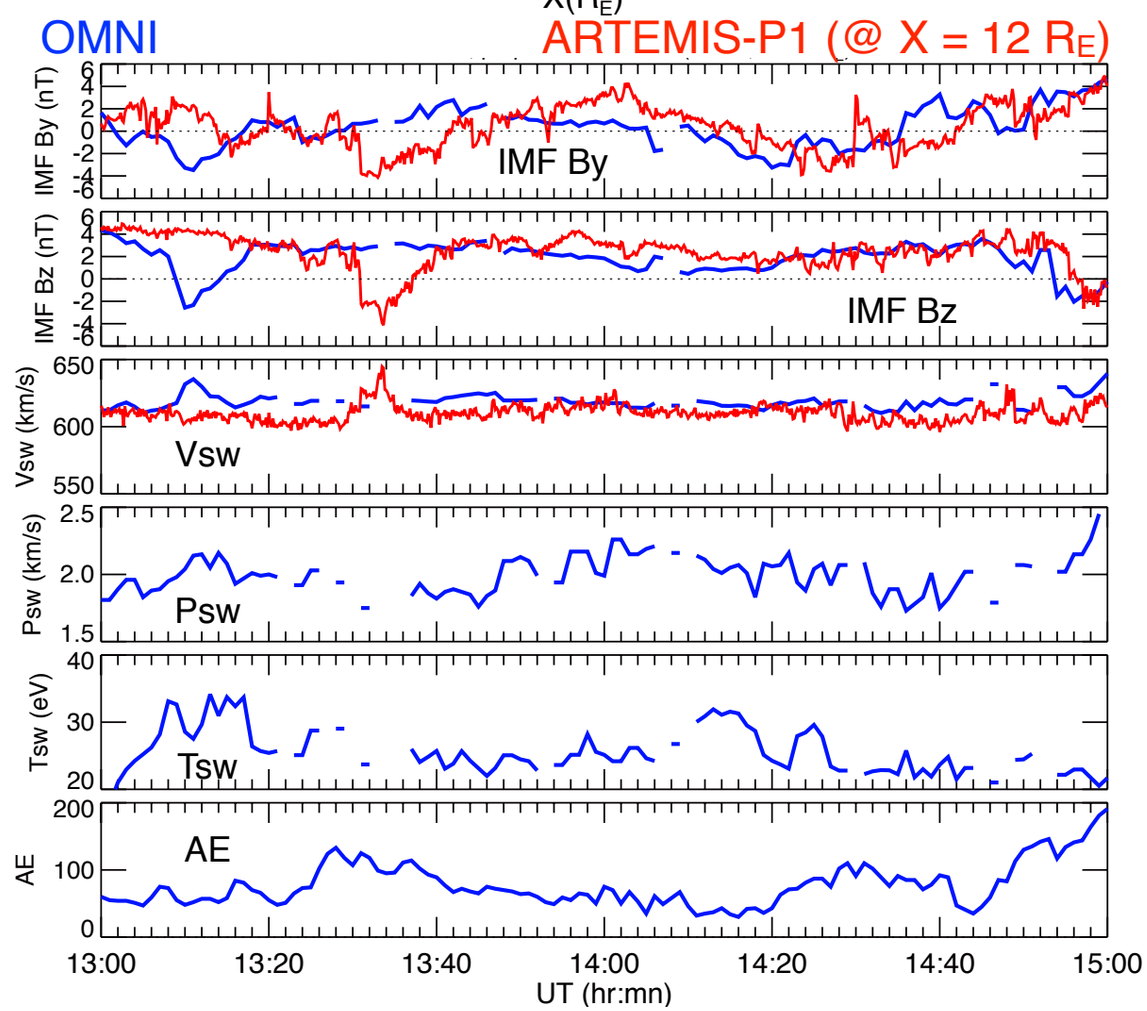
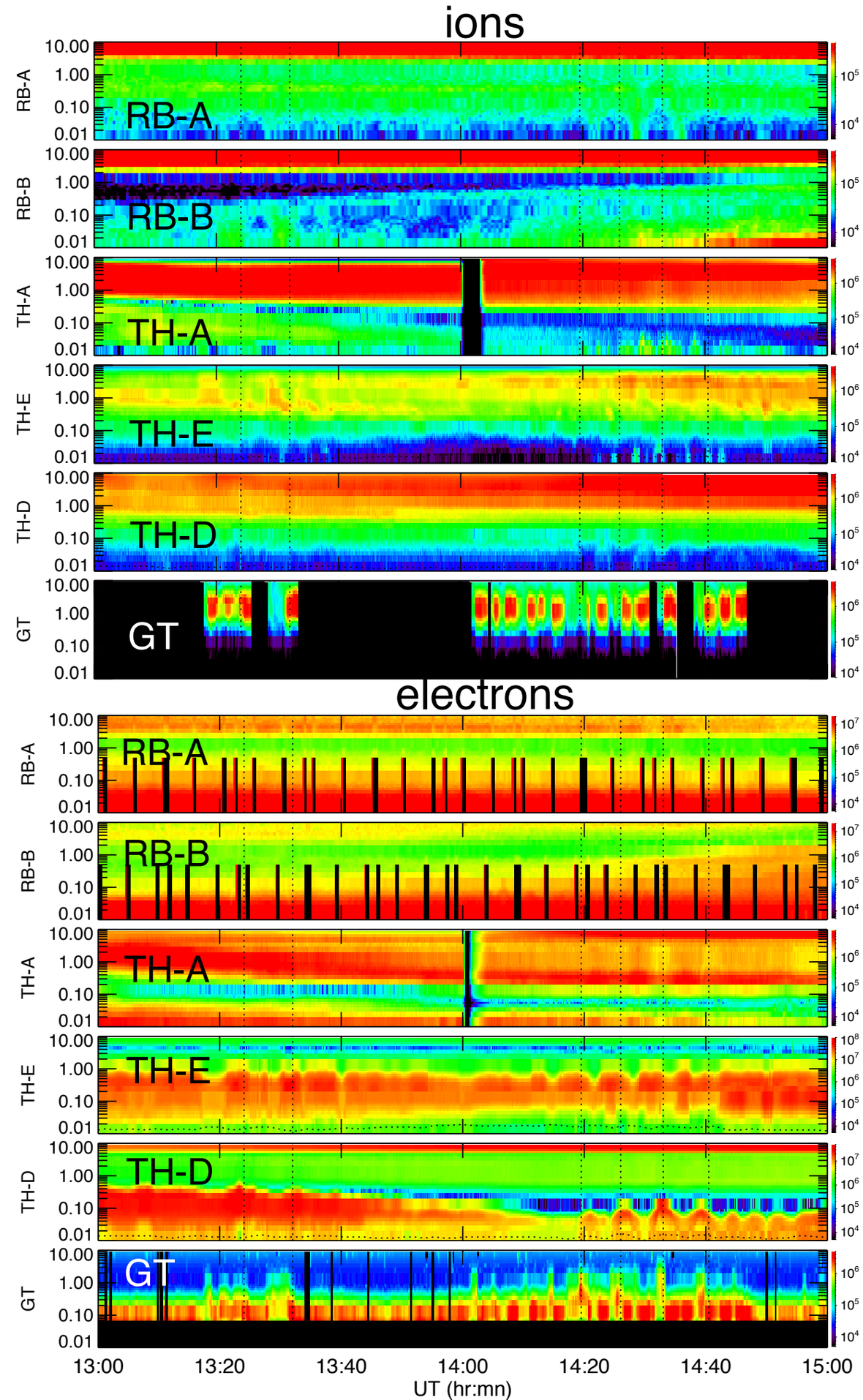
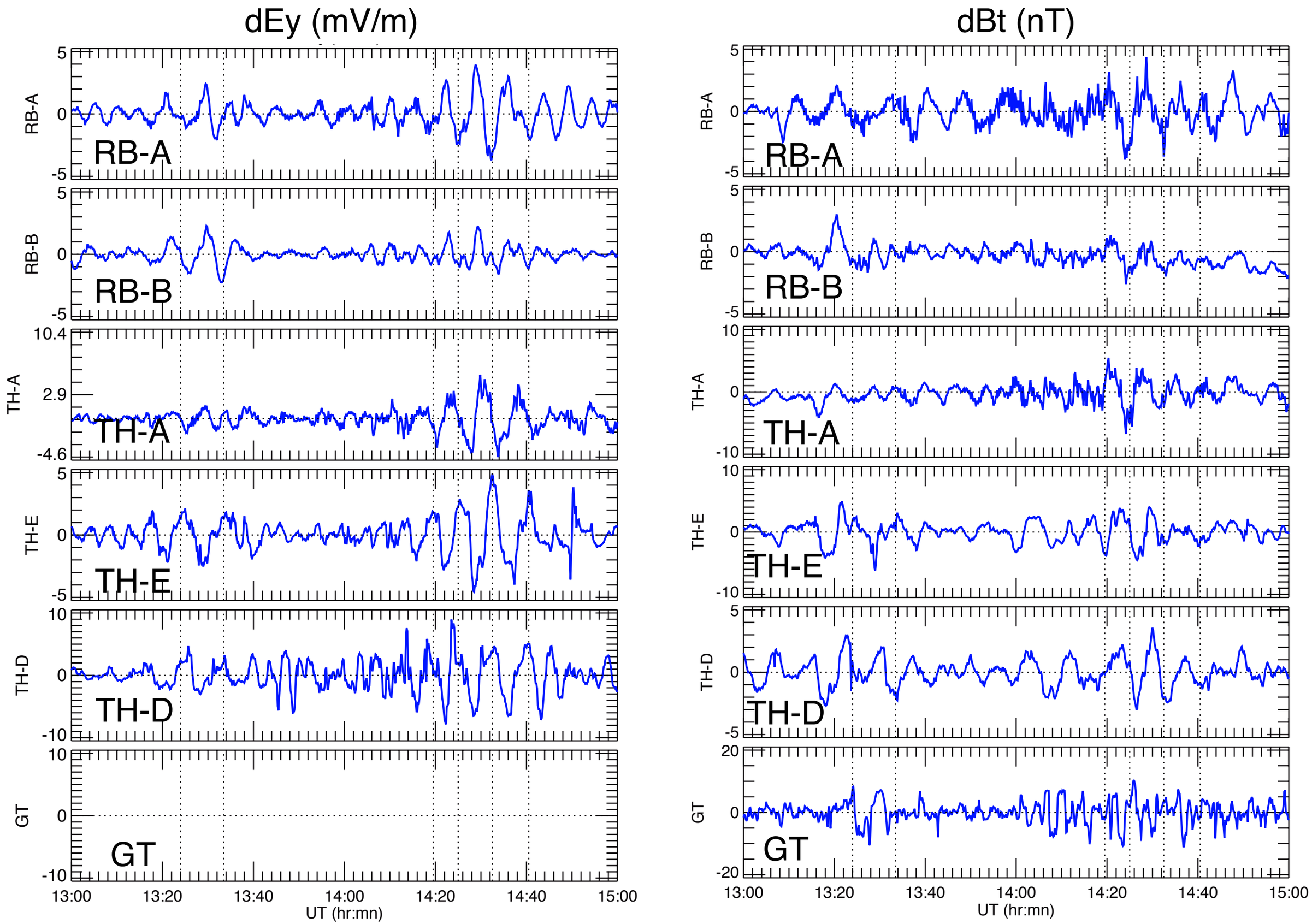
collaboration with Richard Thorne, Xiaoyan Xing, Mike Hartinger, Aaron Breneman, T. Nagai



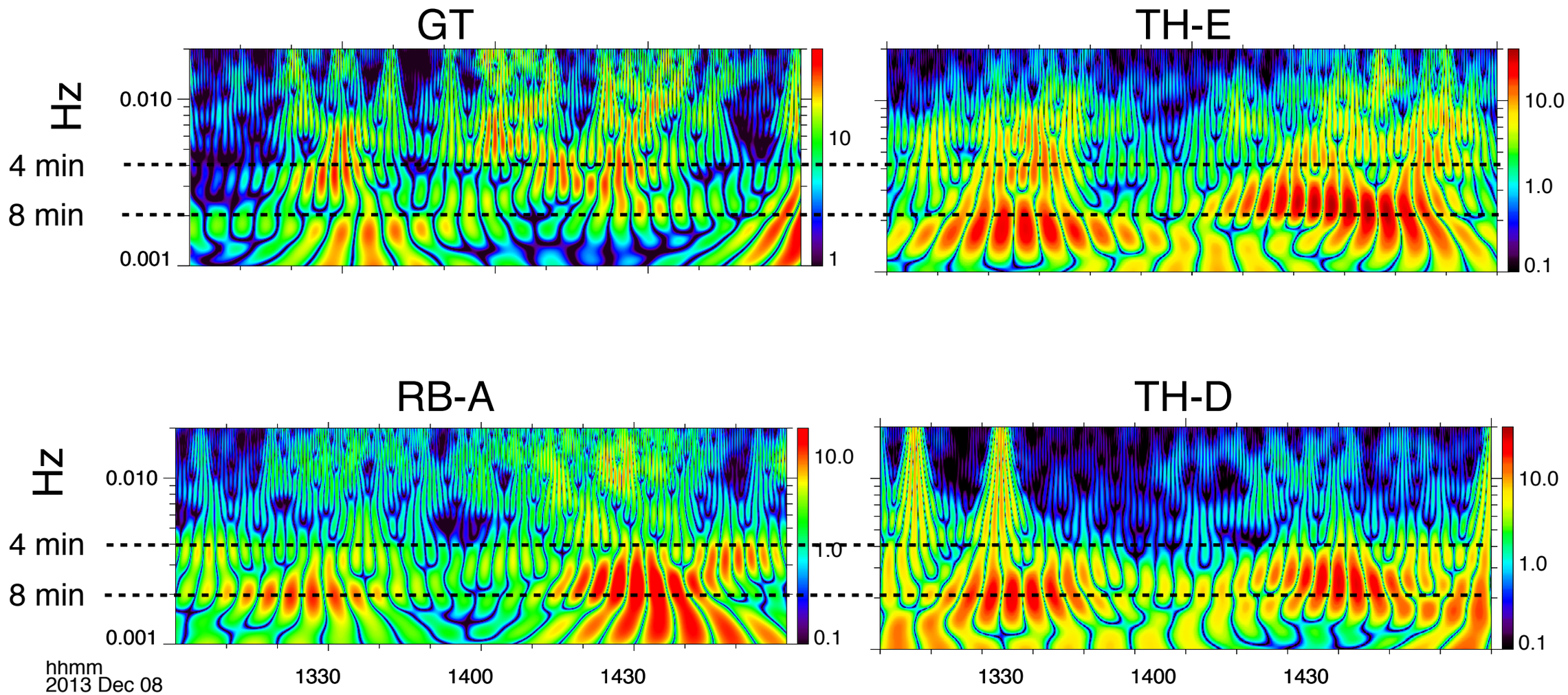




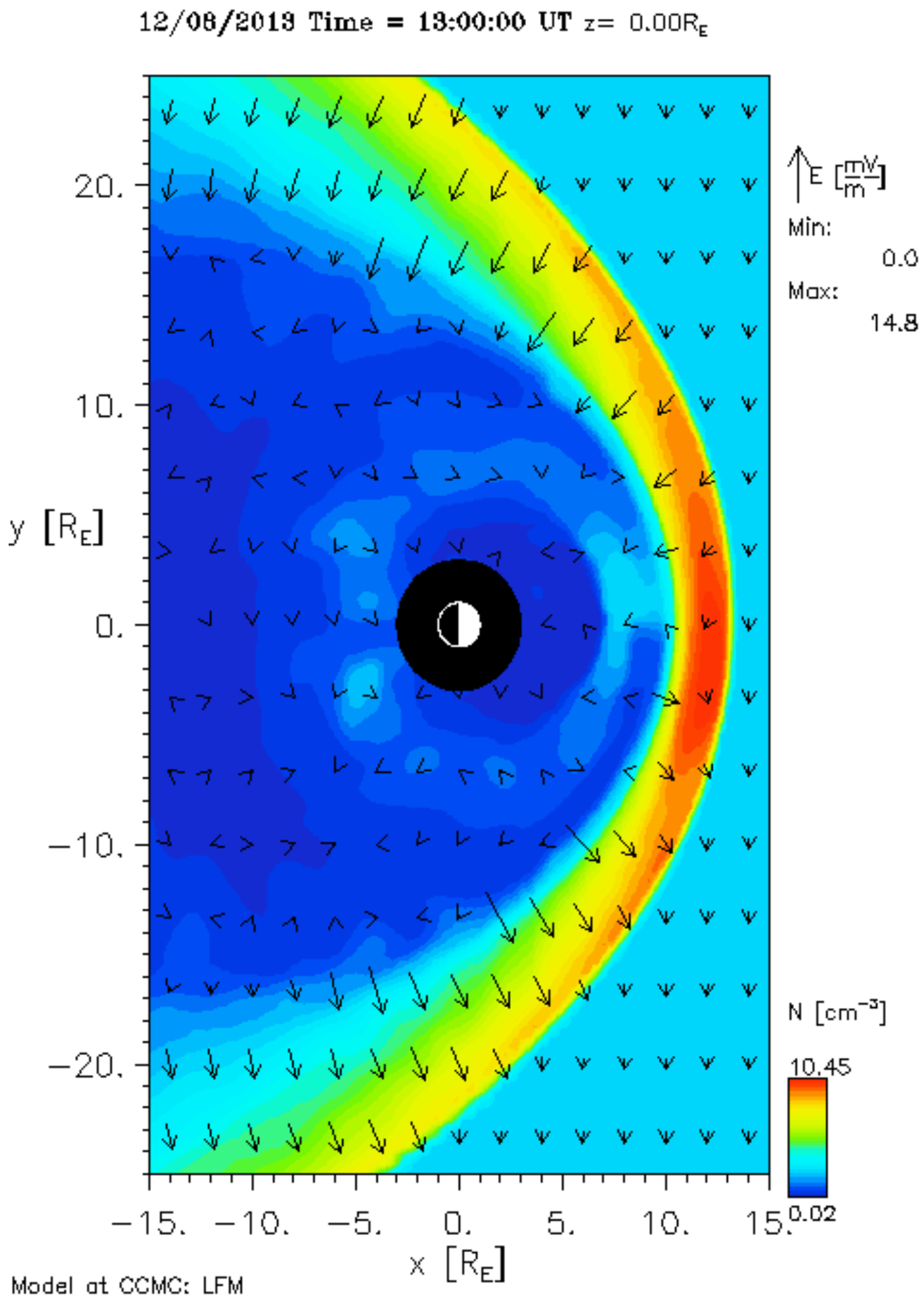
dEy and dBt from 10-min running average



Bx amplitude spectrums
(Morlet wavelet)



done by Xiaoyan Xing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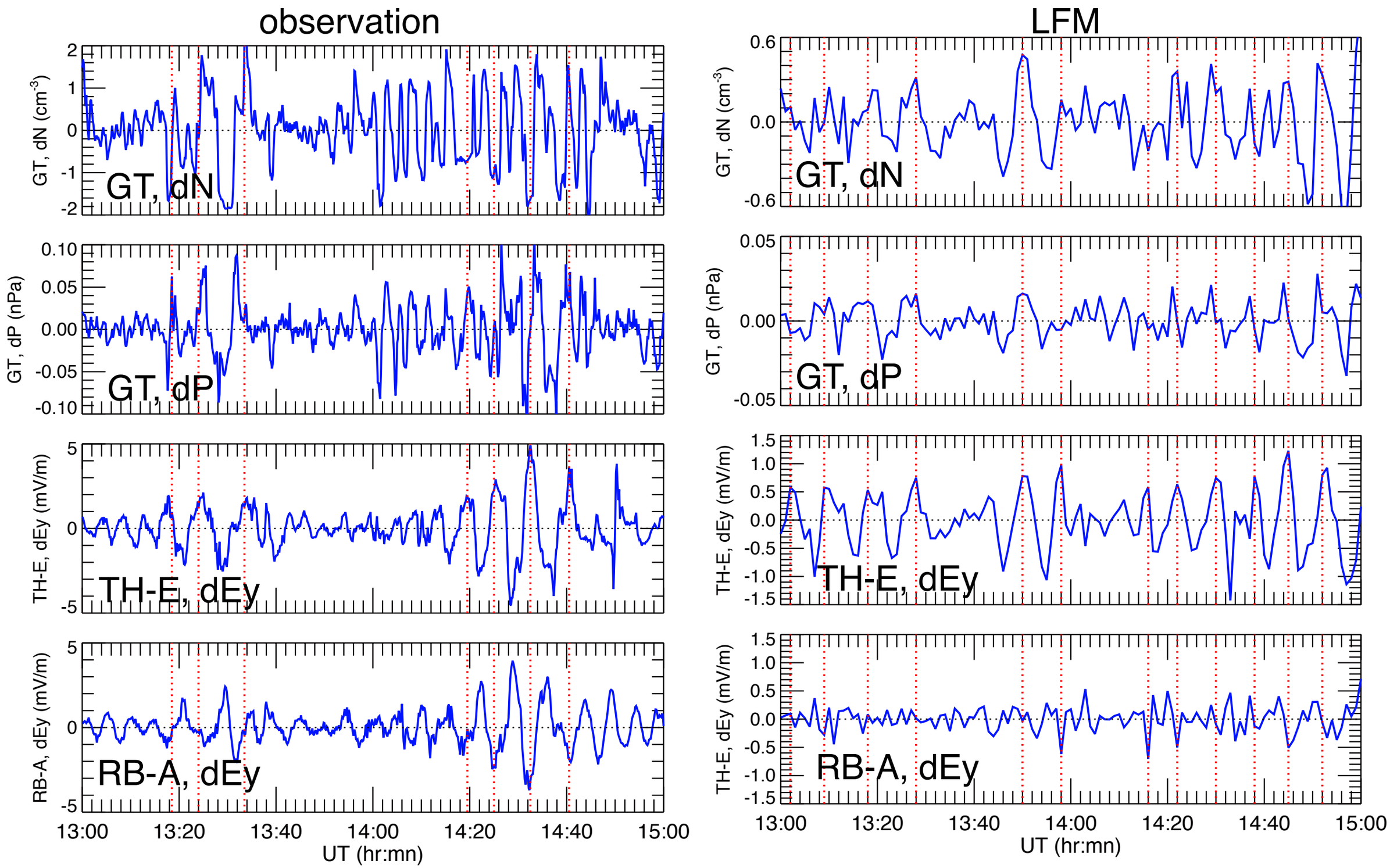
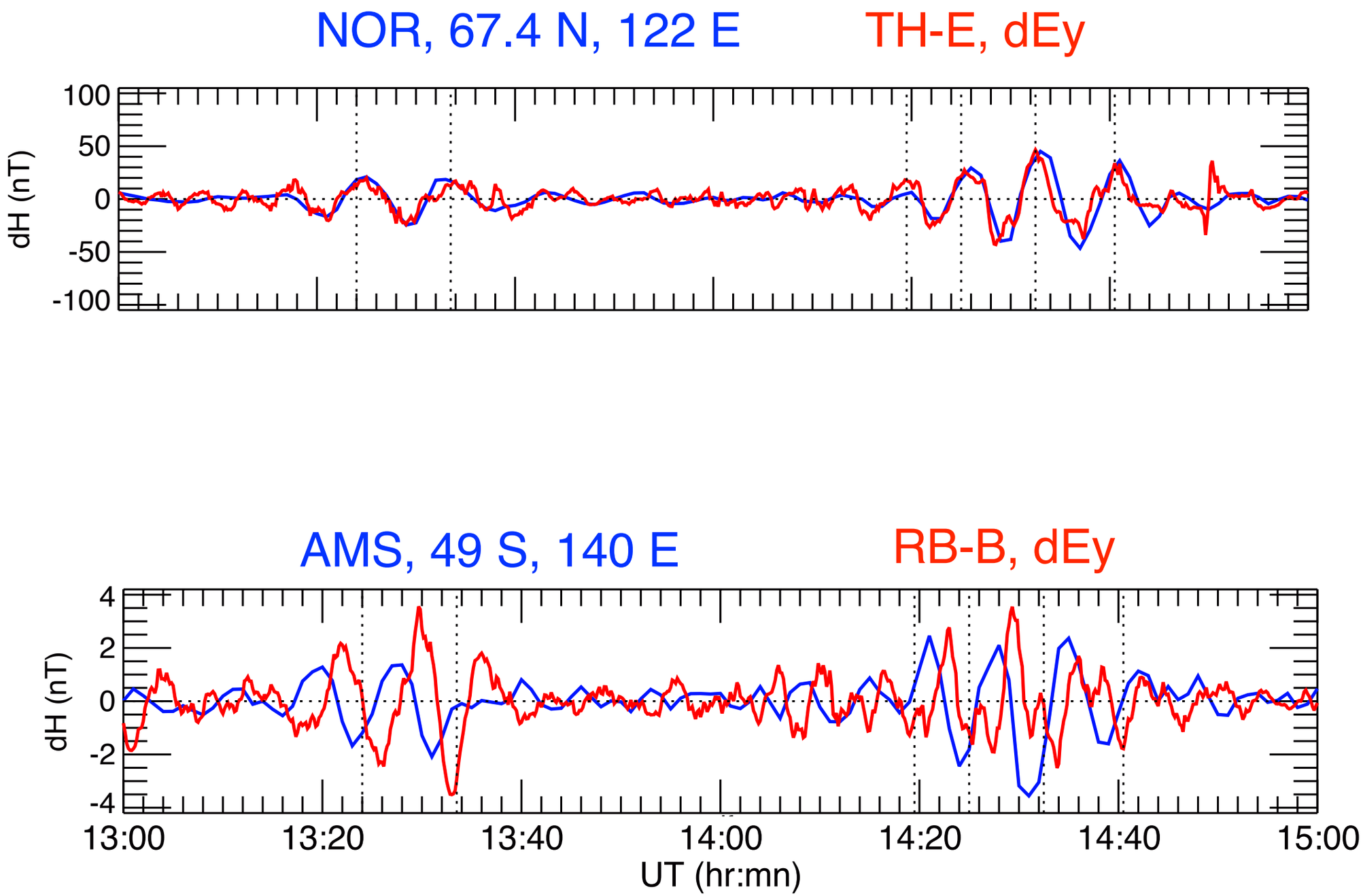
E [mV/m]
Min:
0.0
Max:
14.8
N [cm^{-3}]
10.45
0.02
y [R$_E$]
x [R$_E$]
20.
10.
0.
−10.
−20.
−15.
−10.
−5.
0.
5.
10.
15.
Model at CCMC: LFM

compare observation with LFM event simulation



compare dEy with ground magnetometers at ~18 MLT