

Interactive comment on “Use of radio occultation to probe the high latitude ionosphere” by A. J. Mannucci et al.

Anonymous Referee #2

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This paper reported “E-layer dominant ionosphere” (ELDI) profiles during both HSS and CME events using of COSMIC satellites data. This study provides very important scientific information on the ionospheric impacts of energetic particle precipitation during geomagnetic storms. The methodology is valid and clear. One minor comment is that since the error of COSMIC data has a strong seasonal dependence in the high latitudes, it may contribute to the inter-hemisphere asymmetry reported in the paper.

Interactive comment on Atmos. Meas. Tech. Discuss., 8, 2093, 2015.