

Author response to comments of Referee #3

Thank you very much for the constructive comments. Our responses to the comments are as follows:

Specific comments:

Thank you for the constructive analysis, considerations and positive recommendation. On the ionospheric model, it is producing large-scale longitudinal variations in full, i.e., using correct local time at all longitudes (not just LT of tangent point). Nevertheless, we agree with the reviewer that part of the ionospheric variability is clearly missed by such a large-scale model. Therefore our future analyses will address also the smaller scales, down to ionospheric irregularities.

Technical corrections:

Please, double check figures citations throughout the text. For example, at page 776 line 10 it should be Figure 10 and not Figure 1.

Agreed; we carefully cross checked throughout the text and corrected as necessary.

Acronyms used to identify different dataset (e.g. orns) would be better identified if in Italic, for example. Please, doublecheck whether any fontchange is possible to allow for a better identification of the datasets throughout the text.

Agreed; we tried to use Italic and found it to indeed allow better identification. So we carefully changed the acronyms of the datasets throughout the text to Italic.