

Response to the Editor

Manuscript: Global Sampling Characteristics and Coverage Complementarity of 12 GNSS Radio Occultation Constellations

Editorial decision: 6 October 2026

Dear Editor,

Thank you for your decision to publish our manuscript subject to technical corrections. We have addressed the three issues below and provided a corrected manuscript. We also clarify the scope of the figure-formatting changes.

Comment 1

Editor: Table 1 format

Response: We have reformatted Table 1 to improve the presentation of the mission names, abbreviations, and satellite identifiers. The layout and alignment have been adjusted for readability.

Comment 2

Editor: Figure 2 is cut off on the right edge margin

Response: We have adjusted the layout and size of Fig. 2 so that the complete figure, including its right edge, fits within the manuscript margins. In the previous version, the subfigures were inserted separately into table cells for layout purposes. The panels of each multi-panel figure have now been combined into a single composite image, and the corresponding figures in the manuscript have been replaced with the consolidated versions.

These figure corrections concern only panel assembly, sizing, and placement. The plotted content and underlying data have not been changed. The scientific results and conclusions are unaffected.

Comment 3

Editor: Different references must be clearly separated in the corresponding section.

Response: We have revised the citation placement to distinguish the information supported by different sources. In Sect. 2.1, the GRACE-FO mission description is cited separately to Kornfeld et al. (2019), while the availability and daily output of RO profiles are attributed to the relevant Schmidt et al. (2020, 2022) sources. The description now specifies approximately 400 atmospheric profiles per day from the two-satellite system, supported by Schmidt et al. (2022), and the 2022 reference has been added to the reference list. Redundant citations in the

GeoOptics description in Sect. 2.1 and the GNSS-interference discussion in Sect. 3.2 have also been removed.

Thank you for helping us improve the clarity and presentation of the manuscript.

Sincerely,

The authors