

L 1 add “geostationary” after “space-based”

Done

L 73 add “at 0° longitude” after “geostationary” – better here than in L 83

Done

L 79 “A total of four ...” : better say “deployed” as per the EUMETSAT operational

Done

baseline; and suggest “2042”, nominally 20 years after I1, rather than 2040

Done

L 109 add “of EUMETSAT” after “(L2PF)”.

Done

L 124 make URL a reference (EUMETSAT, 2026), possibly also L 403

Done

L 201 “Optimal” not “Optical”

Done

L 204 include same reference as in L 109

Done

L 370 does everyone know what “blooming” is ? I am only guessing. Consider a different term, or explain it.

Following the editor's suggestion, we have added a citation to the literature documenting GLM instrument artifacts and the blooming filter, rather than expanding the manuscript text with a detailed description of the blooming mechanism.

L 397 why is the reference to NORDLIS deleted? Can it be replaced?

The citation has been relocated to the introduction. NORDLIS is now included in the list of relevant ground-based systems cited in the manuscript. We prefer this approach, as it allows us to introduce all key networks, their acronyms, and their respective citations together in the introduction and use them consistently throughout the remainder of the paper.

L 448 “United States”

Done

L 488 consider “poor” rather than “bad”

Done

Additional note:

Following the request of the editorial support team:

1. *In the next revision, please remove the word "TEXT" from the headings of the technical sections of the PDF manuscript. (Note: This has been completed.)*
2. *Some tables contain coloured cells and/or coloured values. Please note that this will not be possible in the final revised version of the paper due to the HTML conversion. When preparing the final version, you may use footnotes or italic/bold font instead.*

Regarding point 2, we have modified Table 2 as requested. However, when compiling the difference .tex file for the track-changes version, the formatting updates to the table caused compilation errors. Consequently, the track-changes PDF currently retains the old format of Table 2 with shaded cells, while the final clean manuscript includes the updated, publication-ready version of the table. Please note that text references to the shaded cells in Table 2 have already been removed across the manuscript. We hope this compromise is acceptable.