**Manuscript: amt-2022-301 (Qu et al.)**

**Version 6**

***Remarks from the typesetter***

TS1, 2, 4, 5, 6, 7

**These 6 points are common about the adjustment of EarthCARE frame length. We adjusted the length of an EarthCARE frame from ~6565 km to ~5000 km, and from 6 frames per orbit to 8 frames per orbit. These adjustments will make this manuscript more consistent with the other papers in the same EarthCARE special issue. These adjustments will not have impact on the results presented in the manuscript.**

TS3

**This is an error that we found. The results presented in the first row of table 1 are for cases having less than 10% of invalid data. In the way stated in the sentence in the first row of table 1, it should be “More than 90% of columns have valid retrievals”, or “Less than 10% of columns have invalid retrievals”. Either option should be correct.**