

The number of lines in the comments corresponds to the revised manuscript after the second-round revision. The number of lines in the responses (in red) corresponds to the revised manuscript with changes noted for the third-round revision.

Dear authors, thank you for revising the manuscript. Before I can accept the paper for publication, please fully address the last comment of the reviewer and mention in line 415ff that each field campaign consisted (only) of a single radiosonde. regards, Max Maahn

Thank you for your guidance and assistance during the peer-review process.

We have revised the sentences in Line 414-420: “It is essential to note that the sample size for this study was limited to three field campaigns, each accompanied by one radiosonde launch. The two instruments, HiSRAMS and AERI, are planned to be deployed in additional field campaigns and calibration experiments in the future, which will validate the closure assessment concluded here.”