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Reply to the Anonymous Referee #3

Jakub L. Nowak et al.

Author comment on "Coupled and decoupled stratocumulus-topped boundary layers: turbulence properties" by Jakub L. Nowak et al., Atmos. Chem. Phys. Discuss., <https://doi.org/10.5194/acp-2021-214-AC3>, 2021

We are grateful to the Referee #3 for the comments on our manuscript. Following the suggestion of this and other reviewers we reduced the number of acronyms by replacing them with the corresponding expanded expressions, in particular those which were not used frequently in the text. This group includes: SC, BL, ENA, TAS, CTEI, J11, WB04, YA00, CP, DCP. The last two were shortened to C and D, respectively, and only kept in sec. 6 to order the list of conclusions. However, we prefer to keep the acronyms of the following types:

- denoting the sublayers of the atmosphere: STBL, SML, TSL, SBL, SCL, EIL, FT, because they are used very frequently in the text as well as in the tables and figures,
- denoting the flight segments: PROF, LEG, for the same reason,
- commonly used abbreviations: TKE, LCL, SFC, PSD, because we expect them to be familiar to the readers,
- names of instruments or platforms: ACTOS, SMART-HELIOS, MODIS, GPS, for the same reason.

Moreover, we added the expanded names of the sublayers to the headings of Tables A1 and A2.