

# High resolution wind speed measurements with quadcopter UAS: calibration and verification in a wind tunnel with active grid

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## 1 Review Comment 1

### 1.1 Suggestions for revision

1. *Although the paper is well structured, the authors still need to make better connections between figures and the tables with the general text. Particularly, I find the captions of some figures and tables lacking information which can make the reader lose interest quickly. A typical reader will glance at the figures and tables first before reading through the entire paper; therefore it is very important to already show relevant information on the captions like symbols used and their definitions, reference to equations if any, and a description of what the presented data was used for, and some short conclusions. It'd be best to see at least 2-3 lines of captions.*

We thank the reviewer for the advice and the opportunity to improve our descriptions. We agree that some tables and figures are not sufficiently described. Accordingly, we add relevant information such as explanations of the symbols and their definitions, including references to equations for a revised manuscript. However, we refrain from using short conclusions, as these require significant shortening of the content in order to fit into the size of a caption, which then may lead to oversimplification of the matter.

## **2 Relevant changes to the manuscript**

15 We list here the relevant changes to the manuscript:

1. Methods

- Caption modifications in response to referee comments.

2. Results

- Caption modifications in response to referee comments.

20 3. Appendix

- Caption modifications in response to referee comments.