

Interactive comment on “Technical Note: Possible errors in flux measurements due to limited digitalization” by Thomas Foken et al.

Anonymous Referee #1

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I am missing a detailed description of all the steps of A/D and D/A conversions from the measured signal to the final data storage on the data acquisition system. These steps and their individual resolution in signal amplitude depend highly on the devices (gas analyser and sonic anemometer and also data storage device) being used. Not only today but also several years ago various combinations of instruments have been used which should be accounted for in this paper. The influence of the selected range of a measured gas concentration which is being converted to a specific voltage output of the gas analyser should also be considered in more detail.

Interactive comment on Atmos. Meas. Tech. Discuss., doi:10.5194/amt-2018-150, 2018.