

Interactive comment on “High-resolution atmospheric water vapor measurements with a scanning differential absorption lidar” by F. Späth et al.

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Received and published: 29 January 2015

All three reviewers have stated clearly that the paper would need substantial revision to be acceptable for ACP. Based on the reviews and my own reading of the article, I judge the necessary modifications to be too large to be done in the usual revision process that follows the open discussion phase. I therefore can not encourage you to submit a revised manuscript.

All reviewers also agree on that the measurement itself is extremely valuable and that there are aspects of the article that merit publication. I therefore recommend one of

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two alternatives:

Alternative one, to submit a new substantially revised manuscript to ACP, stressing the results that are of interest to the wider atmospheric science community. Alternative two, to more thoroughly focus on the technique, clearly documenting which aspects are new relative to earlier publications, and to submit to a more technical journal such as AMT.

Both alternatives mean that the paper will be quite a different paper from its current form. It therefore then should get a new review process.

Interactive comment on Atmos. Chem. Phys. Discuss., 14, 29057, 2014.

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