

Atmos. Meas. Tech. Discuss., author comment AC1  
<https://doi.org/10.5194/amt-2020-518-AC1>, 2021  
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## Reply on CC1

Jing Feng et al.

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Author comment on "A simulation-experiment-based assessment of retrievals of above-cloud temperature and water vapor using a hyperspectral infrared sounder" by Jing Feng et al., Atmos. Meas. Tech. Discuss., <https://doi.org/10.5194/amt-2020-518-AC1>, 2021

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**Thank you for your constructive comments. Following your suggestions, we have revised the manuscript to clarify the noise level of the instrument used in this study and to improve the instrument channel selection by removing O3 and CH4 channels.**

Please also note the supplement to this comment:

<https://amt.copernicus.org/preprints/amt-2020-518/amt-2020-518-AC1-supplement.pdf>