

# ***Interactive comment on “Uncertainty of atmospheric microwave absorption model: impact on ground-based radiometer simulations and retrievals” by Domenico Cimini et al.***

## **Anonymous Referee #2**

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The paper is scientifically sound and well written. I recommend publication. I only have a very minor suggestion: Please consider adding the citation: Wentz, F., and T. Meissner, Atmospheric Absorption Model for Dry Air and Water Vapor at Microwave Frequencies below 100 GHz Derived from Spaceborne Radiometer Observations, *Radio Sci.*, 51, doi:10.1002/2015RS005858, 2016. in the contxt of the water vapor continuum. The satellite results on the vapor continuum seems to match the ground observation by Turner et al. 2010 pretty well.

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Interactive comment on Atmos. Chem. Phys. Discuss., https://doi.org/10.5194/acp-2018-536, 2018.

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Discussion paper

