

Interactive comment on “First Odin sub-mm retrievals in the tropical upper troposphere: humidity and cloud ice signals” by M. Ekström et al.

M. Ekström et al.

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Thanks Cory for your comments. Concerning the description of the cloud affected retrievals there is an error in text which made it confusing.

p 8657, l 20. "By interpreting the T_B depression as a measure..." should read "By interpreting the ΔT_B as a measure..."

The sentence you pointed out should then be changed to make it clear:

p. 8657, l 21-22. "The weights are based on statistics of the outcome of a large number of clear-sky retrievals and the corresponding ΔT_B ."

The cloud influence is hence determined by information in the measurement spectra

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and not on simulations.

Thanks again for pointing out this confusion. These corrections will of course be included in the revised manuscript.

Interactive comment on Atmos. Chem. Phys. Discuss., 6, 8649, 2006.

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