

Interactive comment on “Testing remote sensing on artificial observations: impact of drizzle and 3-D cloud structure on effective radius retrievals” by T. Zinner et al.

T. Zinner et al.

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We cite your specific comments in " " and our reply after the "->". Thanks.

Specific comments

1) " comparisons with precedent studies are necessary. Please give some discussions to compare your results with, for example, Minnis et al. (2004) about the effect of drizzle on particle size retrievals. Also about 3-D effects. "

-> Discussion and reference to other results was extended.

2) " reorganization of the manuscript is needed for more readability. The suggestion of
C6263

Reviewer #2 would be very useful.

-> The manuscript was reorganized following Reviewer 2's comments. Hopefully readability improved.

Technical correction

" L7 of p1231, text says channel 20 (2.1 mm), but 2.1 mm is channel 7. Please check it. " -> Corrected! Should read "channel 20 (3.7 um)".

Interactive comment on Atmos. Chem. Phys. Discuss., 10, 1221, 2010.