

Atmos. Chem. Phys. Discuss., referee comment RC2
<https://doi.org/10.5194/acp-2021-453-RC2>, 2021
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Technical comments from RC1 (new formatted)

Anonymous Referee #1

Referee comment on "Optically thin clouds in the trades" by Theresa Mieslinger et al.,
Atmos. Chem. Phys. Discuss., <https://doi.org/10.5194/acp-2021-453-RC2>, 2021

- **P1, L14:** Typo: overestiamtion --> overestimation
- **Sun:** "Sun" is a proper name and should be written with capital letter. It appears several times throughout the manuscript.
- **P2, L51:** hectometer --> hectometre
- **P2, L52:** reflectances --> I think it should be without plural-s, "reflectance"; It appears several times throughout the manuscript.
- **P5, L118:** Space sign between number and unit
- **P6, L148:** light --> radiation
- **P6, L141:** 1D --> one-dimensional (1D)
- **P6, L146:** chapter 2.3 --> Sect. 2.3
- **P7, L187:** an distribution --> a distribution
- **P14, L319-L320:** from the table I calculate 23 %. Probably due to rounding errors.
- **P15, Tab. 3:** missing space sign in $60 \times 60 \text{ km}^2$
- **P17, Fig. 9:** Include (a) and (b) in the panels and maybe include headlines, naming the properties (all-sky reflectance, cond. prob. of total cloud reflectance), which are shown.
- **P17, L365-366:** "As expected,..." This sentence is missing something. It is hard to understand, what it is about.
- **P22, L497:** ... simple clear sky model (SCSM). In Sect. 3.1 it was called simplified clear sky model.