

Interactive comment on “Intercomparison of slant column measurements of NO₂ and O₄ by MAX-DOAS and zenith-sky UV and visible spectrometers” by H. K. Roscoe et al.

Anonymous Referee #1

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General Comments This paper is fully within the scope of AMT and it meets scientific quality requirements. The paper is easy to read and of very high importance for the community, involving both ground-based long term networks like NDACC and validation of space based experiments. The difficulty of the exercise itself and the important number of participants make the paper not always easy to follow, but chosen parameters discussed in the inter comparison procedure are judiciously chosen: both uv and visible NO₂ measurements, O₄ for cloud effects, and also the straight-line slopes and intercepts.

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Specific Comments No discussion in the instrument presentation about the field of view of the instruments. Is this a not important parameter ? if yes, please state

No technical corrections proposed

Interactive comment on Atmos. Meas. Tech. Discuss., 3, 3383, 2010.

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