

## ***Interactive comment on “Carbon monoxide total column retrievals from TROPOMI shortwave infrared measurements” by Jochen Landgraf et al.***

**Anonymous Referee #2**

Received and published: 16 June 2016

This paper describes the algorithm for the operational estimate of CO columns from TROPOMI measurements acquired from the S5P satellite. The paper also performs sensitivity analysis to demonstrate that the accuracy and precision shall be within the requirements. I found this paper very clear and thorough. It is a rather technical paper, but that may become a must-read for those that shall use the TROPOMI products. I recommend this paper to be accepted as is.

I also read the review by reviewer #1. He recommends deletion of Equation (6) from which eq 8 is derived. I tend to disagree. Eq 6 is somewhat easier to understand and it is usefull to see how Eq 8 is obtained.

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Interactive comment on Atmos. Meas. Tech. Discuss., doi:10.5194/amt-2016-114, 2016.