

Interactive comment on “The ground-based MW radiometer OZORAM on Spitsbergen – description and validation of stratospheric and mesospheric O₃-measurements” by M. Palm et al.

Anonymous Referee #3

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I would like to see a description of the retrieval process and how eventual baseline problems are handled. My experience of similar systems is that you always have standing waves in the obtained IF spectrum and it possible to fit either a polynomial or periodic functions (or both) to the spectra in the retrieval process. No clear pattern is seen in the residuals in figure 3 and there can be two reasons for that; 1: the resolution in the figure is to low, two, and more important, the residuals show what is left after the retrieval which means that the obtained vertical ozone profiles will affected by the parts of the baseline not seen in the residuals.

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