

## ***Interactive comment on “Geophysical validation of temperature retrieved by the ESA processor from MIPAS/ENVISAT atmospheric limb-emission measurements” by M. Ridolfi et al.***

### **Anonymous Referee #2**

Received and published: 10 May 2007

This paper is a careful, comprehensive technical report which will be invaluable to users of MIPAS temperature measurements as a reference to the validity of the data product, at least for use of averages of the data. There is little science content, but papers like this, especially done with the care of this one, are the foundation necessary for scientific studies from a space-based instrument. The analysis employed is appears reasonable and may be of interest to graduate students in the area of data comparison. The important point is when the authors are finished with their analysis the results appear consistent with visual inspection of the plots, which gives me confidence in them.

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Interactive comment on Atmos. Chem. Phys. Discuss., 7, 5439, 2007.