

Interactive comment on “The global tropospheric ammonia distribution as seen in the 13 year AIRS measurement record” by J. X. Warner et al.

J. X. Warner et al.

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The paper is very interesting and fills the gaps of the measurements of space-based NH₃. However, I still have two specific comments as follows.

1. The authors introduce the measurements of NH₃ by IASI and TES. Why not to compare the results with AIRS?

We appreciate very much the interest and comments for this manuscript from Dr. Tang. It is in our plan to carry out detailed quantitative comparison of NH₃ between AIRS and other sensors such as TES and IASI, which should results in a separate study.

2. The AIRS data are very important for the further researches. Are the data to be shared with the public?

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Yes, after reasonable validation. We will keep the community updated.

Interactive comment on Atmos. Chem. Phys. Discuss., 15, 35823, 2015.

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