

## ***Interactive comment on “Global temperature estimates in the troposphere and stratosphere: a validation study of COSMIC/FORMOSAT-3 measurements” by P. Kishore et al.***

**P. Kishore et al.**

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We appreciate you for your careful review. We are happy that you are basically satisfied with our paper. During revision we considered your suggestions very carefully and the manuscript is modified accordingly. We believe that your suggestions were valuable to improve the quality of the paper. In the following we give our responses to your comments.

In the text, in Page5, it is mentioned that “... We understand the point you raised, we checked the COSMIC data sets and the section is modified with correct information on height resolution of the data sets. Please see the text.

In page 9 of the manuscript, “... Thanks for your valuable suggestion. We

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explained the observed positive and negative differences and a reference are added in the text.

The discrepancy of about 2.5 K observed, Thanks for your suggestion. Explanations are added in the text.

In Page no. 12. We agree with this suggestion. In Figure 3, we gave possible reasons for the discrepancies.

In page 13. Thanks for the comment. Yes, the statement is correct.

The global mean differences presented in Figure 6 and 7

Thanks for your suggestion. Yes, 100 hPa pressure level, we mentioned in the text.

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Interactive comment on Atmos. Chem. Phys. Discuss., 8, 8327, 2008.

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