

Interactive comment on “Validation of the Atmospheric Chemistry Experiment (ACE) version 2.2 temperature using ground-based and space-borne measurements” by R. J. Sica et al.

Anonymous Referee #2

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This paper presents careful comparisons of ACE-FTS temperature profiles with coincident profiles measured by other satellite instruments, and by a number of ground-based techniques. The amount of data used for the comparisons is substantial, the selection methods well described and well justified. The discrepancies are presented and discussed honestly.

Since the ACE-FTS temperature measurements (and the other measurements compared) are used widely, this validation description should be of value to many scientists, and should be published.

typographical correction : p 12501, line 21 'large' should be 'larger'

Interactive comment on Atmos. Chem. Phys. Discuss., 7, 12463, 2007.

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