

***Interactive comment on “Estimate of bias in Aura
TES HDO/H₂O profiles from comparison of TES
and in situ HDO/H₂O measurements at the Mauna
Loa Observatory” by J. Worden et al.***

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Received and published: 18 April 2011

The referee reports were mostly concerned with the error estimates and requested to state the underlying assumptions clearly in the manuscript. I think that this has been done adequately in the revised version. We all agree that there are still open questions in the field of satellite retrievals of isotopic composition. This is now also illustrated by the improved discussion of errors in the revised version. In general, this study is a significant step forward as regards validation of water isotope measurements from satellites.

Interactive comment on Atmos. Chem. Phys. Discuss., 10, 25355, 2010.

C15048