

Interactive
Comment

Interactive comment on “Validation of ACE-FTS v2.2 measurements of HCl, HF, CCl₃F and CCl₂F₂ using space-, balloon- and ground-based instrument observations” by E. Mahieu et al.

Anonymous Referee #1

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As an addendum to my previous comments, the paper should contain a formal error budget for the individual retrievals. How do errors in the pointing, temperature, SNR, fitting, interfering spectral lines etc. affect the retrieval? In particular, something should be presented showing expected systematic and random errors as a function of altitude.

If for anything else, this would be necessary for ACE measurements to be used as part of a long-term study of changes in trace gases across different instruments in different epochs.

Interactive comment on Atmos. Chem. Phys. Discuss., 8, 3431, 2008.

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Interactive Discussion

Discussion Paper

