Interactive comment on “The AquaVIT-1 intercomparison of atmospheric water vapor measurement techniques” by D. W. Fahey et al.

T. Sanlow
tttttttt@trashmail.com

Received and published: 26 April 2014

Dear authors, I really liked to read the paper, but one point makes me a bit confused. You write a lot (table etc.) about the uncertainties of the instruments, some of these are really low... for H2O. The deviations are instead larger, so the instruments don’t always fit in the range of the uncertainties.

Could it be, that the uncertainties are a bit too optimistic? I would suggest discussing that issue a bit more, because measurements outside the uncertainty ranges should be an exception and not “just” a thing.

Cheers T.Sandlow (TTF)