

## ***Interactive comment on “Airborne measurements of particulate organic matter by PTR-MS: a pilot study” by Felix Piel et al.***

**Anonymous Referee #2**

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General This is a report on applying the CHARON PTR-MS inlet in flight experiments. It is nice fitting the scope of AMT. The paper shows that the time response is good enough to allow jet aircraft measurements. The paper announces the suitability of the CHARON for such measurements. There is a variety of interesting findings described. Often, it would be great when the PTR-MS information could be accompanied by filter sampling and offline analysis to add detail to the findings which the PTR-MS data cannot resolve alone. Maybe that could be worth a mention.

In my view, the paper could be accepted subject to only minor revision.

Details

page 6, line 27: Maybe such possible improvements could be summarized towards the

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end of the paper ?

p8,l29: Is that inofmation that the three mentioned m/z are produced fm N,N-deithylethanolamin included in the references above or where is this information traceable ?

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Interactive comment on *Atmos. Meas. Tech. Discuss.*, doi:10.5194/amt-2019-181, 2019.

**AMTD**

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