

Atmos. Chem. Phys. Discuss., author comment AC1 https://doi.org/10.5194/acp-2021-55-AC1, 2021 © Author(s) 2021. This work is distributed under the Creative Commons Attribution 4.0 License.

## Reply on RC1

Guangjie Zheng et al.

Author comment on "Impact of non-ideality on reconstructing spatial and temporal variations in aerosol acidity with multiphase buffer theory" by Guangjie Zheng et al., Atmos. Chem. Phys. Discuss., https://doi.org/10.5194/acp-2021-55-AC1, 2021

Please see our point-to-point responses in the attached pdf file.

Please also note the supplement to this comment: <a href="https://acp.copernicus.org/preprints/acp-2021-55/acp-2021-55-AC1-supplement.pdf">https://acp.copernicus.org/preprints/acp-2021-55/acp-2021-55-AC1-supplement.pdf</a>