

Atmos. Meas. Tech. Discuss., community comment CC2  
<https://doi.org/10.5194/amt-2021-103-CC2>, 2021  
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## Reply on CC1

Hiroshi Ishimoto

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Community comment on "Ash particle refractive index model for simulating the brightness temperature spectrum of volcanic ash clouds from satellite infrared sounder measurements" by Hiroshi Ishimoto et al., Atmos. Meas. Tech. Discuss.,  
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Thank you very much for introducing a very good paper. It was helpful to know the relationship between porosity/glass-to-crystal ratio and complex refractive index, though still I don't know whether these effects can explain the results of ash measurements. I will refer this paper in the revised manuscript.