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Reply on RC1

Jie Gong et al.

Author comment on "The first global 883 GHz cloud ice survey: IceCube Level 1 data calibration, processing and analysis" by Jie Gong et al., Earth Syst. Sci. Data Discuss., <https://doi.org/10.5194/essd-2021-101-AC1>, 2021

Thanks for your kind words and acknowledgement of our work and its importance. Based on your and the other reviewers' suggestions, we've included one more Appendix section (now Appendix E) to thoroughly discuss IceCube instrument noise estimation. We also rewrite the paragraph around Line 365 to clarify the different cloud-precipitation processes over ocean and land that we can derive from the diurnal cycles of IWP and surface precipitation. Hope the revision can enhance the quality of the presentation.