

Interactive comment on “Cloud radar with hybrid mode towards estimation of shape and orientation of ice crystals” by A. Myagkov et al.

Anonymous Referee #2

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This is an interesting and well written paper, I just have a couple of questions on the radar design. Do the receivers have any protection other than the circulators? If not, it would appear that the leakage power would be sufficient to damage the receivers. Do you know the mechanism for the variation of $\Delta\varphi_{RP}$ with ambient conditions? Presumably it is primarily temperature, but it seems a large variation.

Interactive comment on Atmos. Meas. Tech. Discuss., 8, 9105, 2015.