

“Prediction of rainfall measurement errors using commercial microwave communication links” by A. Zinevich et al.

Reviewer Comments

My overall impression is that this paper contains significant theoretical and practical results and surely deserves publication in Atmospheric Measurement Techniques Discussions.

I have seen the comments by another reviewer and the responses to them given by the authors. In a way most of my concerns have been addressed but some of these are just repeated here for completeness.

GENERAL COMMENTS

1. The number of actual rain events discussed was too small. However the authors mention in their response that they have doubled this number which is an improvement of their practical results.
2. I also had a concern regarding the title. The authors seem to have rectified this by changing the title (which of course I was not able to see in the revised version to be submitted). Reference to rainfall intensity is most appropriate.
3. Reference to dry air in the text was misleading. The removal of the dry air terminology, as they authors say, makes the necessary adjustment.
4. There are a number of assumptions that are made in the paper. Reviewer 1 has rightfully listed them in his/her comment no. 1; I believe that the response of the authors is adequate.
5. Page 6, e is not defined in eq.11. The authors have added a definition.