

Interactive comment on “Vertical Velocity Variance Measurements from Wind Profiling Radars” by Katherine McCaffrey et al.

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This is an important study which gives confidence in remotely measured vertical velocity variances. The study is well written and should be published more or less as is.

Maybe, the Conclusions could be formulated a bit better. The Conclusions should not just repeat the most important numbers from the results section (which already have been highlighted in the abstract as well). The authors should try to formulate the main results in new words, maybe in form of a few bullet points. The conclusions should illustrate the impact of the outcome of the presented research.

Especially, the last paragraph of the Conclusions could be extended. Presently, it just reports the well-known fact that the range of the 449 MHz wind profiler is larger than

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the one of the 915 MHz instrument. The results section (see lines 418ff) gives more information on the different abilities of the two wind profilers. The results from lines 418ff should be commented on in the Conclusions as well.

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