

Interactive comment on “An Extended Radar Relative Calibration Adjustment (eRCA) Technique for Higher Frequency Radars and RHI Scans” by Alexis Hunzinger et al.

Anonymous Referee #2

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This manuscript proposes an extended version of the relative calibration adjustment (eRCA) technique for weather radar applications. In particular, the extension and applications are focused on range-height scans and higher frequency radars (C to Ka band). The eRCA method was demonstrated using DOE-ARM radar measurements from different field sites.

Overall, this manuscript is very well written, and it is easy to follow. I enjoyed reading this work. I recommend publication of this manuscript.

One quick comment about the FPG resolution of $1\text{-km} \times 1\text{-deg}$: Given the possible challenge to collect sufficient clutter data from a statistical point of view, would it be

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more effective to increase the FPG resolution, especially at Ka-band which has much higher resolution measurements?

A minor edit: On page 6 (line 25), please remove extra “the”.

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