Interactive comment on “The TRiple-frequency and Polarimetric radar Experiment for improving process observation of winter precipitation” by José Dias Neto et al.

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The purpose of these comments are to enhance the original manuscript and are suggestions, not formal requests needed to be met for publication. I recommend the manuscript for publication based on the need for triple-frequency datasets in the planning of future spaceborne missions, which takes years of preemptive planning and novel observations. Please address the main concerns of the other reviewers and consider the following comments.

1) Please consider adding recent work on triple frequency snow retrievals into your introduction and discussion:


2) Figure 8: The red-green colorbar is difficult to read for those who have a color deficiency. Please consider using a red-blue colorbar (python: 'seismic' or cmocean.cm.balance)

3) Figure 9: Consider normalizing each vertical bin to the maximum frequency in that row rather than plotting the frequency. Also please cite the Yuter and Houze (1995) paper for readers who do not know how to read CFADs. See this reference for guidance: http://olympex.atmos.washington.edu/publications/2018/JGR18_McMurdieetal_TerrEnhancedPrecip.pdf