

Interactive comment on “Second-order Scalar Wave Field Modeling with First-order Perfectly Matched Layer” by Xiaoyu Zhang et al.

Anonymous Referee #2

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The manuscript is very good as a whole. It proposes a efficient and useful method for seismic modeling. The language is nice and clear.

Detailed suggestions and questions are in the Supplement. Briefly, several aspects need attention:

- (1) Some statements need to be less stronger, otherwise additional examples are needed
- (2) Explanation of figures should be more detailed, especially in the caption
- (3) Some figures should be plotted more clearly to support conclusion

Please also note the supplement to this comment:

C1

<https://www.solid-earth-discuss.net/se-2018-48/se-2018-48-RC2-supplement.pdf>

Interactive comment on Solid Earth Discuss., <https://doi.org/10.5194/se-2018-48>, 2018.