

Peer Review

Review of: "Deep Learning-Based CKM Construction with Image Super-Resolution"

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The paper is well-written with a clear explanation of the concepts and procedures that are easy to follow. The Numerical Results section could be further improved if the following issues could be addressed:

1. There appears to be a significant RMSE performance difference between the RadioMapSeer dataset and the CKMImageNet dataset (Table I, Table II). It would be helpful to offer some explanation for such a large difference.
 1. Is this due to the larger dynamic range in the CKMImageNet data? If so, would it be helpful to limit the dynamic range of the data?
 2. Which dataset is a more realistic representation of the real world?
2. When pathloss RMSE is discussed (Figure 5), it is limited to the RadioMapSeer dataset, yet most, if not all, of the visual illustrations (Figure 4) appear to be based on the CKMImageNet dataset. It would be helpful to offer some explanation for this selective treatment.
 1. Perhaps a visual comparison of the two datasets may help to explain the RMSE performance difference.

Declarations

Potential competing interests: No potential competing interests to declare.