

The idea of this manuscript is original and unique, and it describes the technical realization of the wireless microseismic acquisition station for geophysical exploration. I have attached below several comments arising from the manuscript, which might be helpful to further improve the quality of the publication of the paper.

1. The format of the article references is not uniform, and the references need to be enriched;
2. The experimental part of the paper mentions the performance of the collection station and the dynamic range of the sampling rate, but the key parameter of SNR is not involved and needed to be added;
3. Figure 8 in the text is a little bit messy, and should be adjusted appropriately.

In terms of geophysical detection instruments, it has solved the difficulty of deploying and patrolling stations in the field. It is strongly recommended to make minor modifications to be accepted.