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Geoscientific Instrumentation Methods and Data Systems Discussions

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Interactive comment on "Development of high-precision distributed wireless microseismic acquisition stations" *by* Shuaiqing Qiao et al.

Anonymous Referee #2

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1. The seismic test system has used ARM the master controller, why use the FPGA module ?

2. Line68, mentioned that the differential signal from the detector is converted into a single-ended signal through the amplifier, and then the single-ended signal is converted into a differential signal and converted into a differential signal input to the analog-to-digital conversion chip, why?

3. Chapter 4 mentions the connection between the central station and each relay, issuing commands and real-time data recovery. The data collected here means that all data collected by the collection station is transmitted by wireless.

4. In the conclusion of Section 5.1, the "equivalent error" is 0.51μV, which should be

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"equivalent input noise" and the expression is incorrect.

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