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Interactive comment on “Autonomous Adaptive Low-Power Instrument Platform (AAL-PIP) for remote high latitude geospace data collection” by C. R. Clauer et al.

Anonymous Referee #2

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The manuscript describes a sophisticated low-power autonomous space physics platform and its instrumentation designed for East Antarctic Plateau. This is probably the most demanding imaginable environment on earth for such observations. The team has strong experience on the problems associated with this type of instrument systems. This shows in the presentation that is thorough and very interesting to read. I warmly recommend article to anybody contemplating polar region observations even in less harsh conditions.

I have only one very minor comment. It is a bit amusing that the measures in Figure 1

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are given in feet! The figure is also inconsistent with the text on page 286 where the distance to the induction magnetometer is given as 200 m whereas the figure indicates 200 ft (other unit conversions seem to be OK). This is of course not as critical as what happened with the ill-fated Mars mission several years ago, but wouldn't it be a pity to be on the ice cap and trying to deploy a 200-ft cable to a distance of 200 m.

In summary, this is an excellent instrument paper.

Interactive comment on Geosci. Instrum. Method. Data Syst. Discuss., 4, 271, 2014.

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