

Interactive comment on “Suppression of very low frequency radio noise in transient electromagnetic data with semi-tapered gates” by Jakob Juul Larsen et al.

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Dear authors,

I think the results presented in the paper are really good. I could not notice almost any text issues in the manuscript, just one out of nonstandard citation in line 99: where you put Harris (1978) should be (Harris, 1978).

For future works, or maybe as an addition to this one, some results related to very noisy environments could be integrated. For example, for airborne TEM data in highly mountainous terrain and mining districts, where the mining activity noise could be significant,

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even prohibitive in case to identify IP signals related to economic interest anomalies, for example. For the IP case, how to deal with the negative decays, as you culled them off in your procedure? Also, these IP signals might have standard error above the 10% criteria. How your strategy will behave if this threshold needs to be increased?

In any case, I think the paper can be accepted as it is, with the only citation correction I have mentioned above.

Congratulations for this work. I liked it a lot.

Interactive comment on Geosci. Instrum. Method. Data Syst. Discuss.,
<https://doi.org/10.5194/gi-2020-49>, 2020.

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