

***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 James

Thank you very much for your review and comments.

Regarding figure 2. You are completely right that this figure only shows the transform of a single gate. The effect of repetitive sampling is to give a comb-like sampling of the single gate frequency response. This comb-like sampling proceeds identically, irrespective of the choice of the single gate shape. Therefore the lessons learned from figure 2 still apply. In the revision of the manuscript we will be more explicit about what

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figure 2 shows and clarify the down-stream effects of repetitive sampling (most likely by adding an appendix with the mathematics of this).

Kind regards

Jakob

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