

Interactive comment on “Orthogonally spin-labeled rulers help to identify crosstalk signals and improve DEER signal fidelity” by Markus Teucher et al.

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Received and published: 1 July 2020

Thanks to a private communication with Dr. J. E. Lovett, we became aware of a paper in which a Gd-Gd crosstalk signal was detected in a GdNO DEER channel (Shah et al. *Inorg. Chem.* 2019, 58, 5, 3015–3025). The authors swapped pump and observer frequency, which is suggested as possible method to suppress the crosstalk signal in our manuscript, and indeed the crosstalk signal decreased. This paper will be cited in the final version of the manuscript.

Interactive comment on Magn. Reson. Discuss., <https://doi.org/10.5194/mr-2020-15>, 2020.

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Discussion paper

