

Interactive comment on “Study of electron spectral diffusion process under DNP conditions by ELDOR spectroscopy focusing on the ^{14}N Solid Effect” by Marie Ramirez Cohen et al.

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Thank you Nino for pointing this out – apologies for the omission. We revised this part and now we write in p. 5 In some earlier works the contributions from different nuclei in the EDNMR spectra were taken into account by superimposing their individual spectra ignoring the contributions of combination frequencies (Tan et al., 2019, Wang et al., 2018). In others, the combinations were also taken into account and reproduced in the simulated spectra (Cox et al., 2017). The appearance of these lines depends on the experimental conditions (Cox et al., 2017). As under DNP conditions the duration of the microwave irradiation is long we also took into account for ^{14}N - ^1H combination

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lines in the ELDOR spectral simulations.

Interactive comment on Magn. Reson. Discuss., <https://doi.org/10.5194/mr-2020-3>, 2020.

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