Open Access MAGNETIC RESONANCE Discussions

Magn. Reson. Discuss., referee comment RC1
https://doi.org/10.5194/mr-2021-13-RC1, 2021

Comment on mr-2021-13

Anja Böckmann (Referee)

Referee comment on "Competing transfer pathways in direct and indirect dynamic nuclear polarization magic anglespinning nuclear magnetic resonance experiments on HIV-1 capsid assemblies: implications for sensitivity and resolution" by Ivan V. Sergeyev et al., Magn. Reson. Discuss., https://doi.org/10.5194/mr-2021-13-RC1, 2021

The contribution from Polenova, Gronenborn and coworkers provides important information on DNP experimental setups for protein studies. The findings are presented in a very detailed manner, and a wealth of experimental description is given. The conclusions are well supported by the data. The paper will be highly helpful for design of DNP experiments in other labs, and can be accepted as is.

Minor:

Figure 1a) the epsylon =76 seems to be copy/pasted for all different colors?