

Adaptive modulation amplitude in 2D spectral-spatial EPR imaging

T. Czechowski,^{1,2} M. Baranowski,^{1,3,2} A. Boś-Liedke,^{1,4} and K. Tadyszak^{1,5}

¹*NanoBioMedical Centre, Adam Mickiewicz University, Poznań, Poland*

²*noviLET, Poznań, Poland*

³*Department of Physics, Faculty of Physics,
Adam Mickiewicz University, Poznań, Poland*

⁴*Department of Medical Physics, Faculty of Physics,
Adam Mickiewicz University, Poznań, Poland*

⁵*Institute of Molecular Physics Polish Academy of Sciences, Poznań, Poland*

A study concerning the image quality in Electron Paramagnetic Resonance Imaging (EPRI) in 2D spectral-spatial (2D SSI) experiments is presented. The aim of the measurements is to improve the signal to noise ratio (SNR) of the projections by applying a more consciously selected modulation amplitude parameter. The study demonstrates the advantages of the adaptive method, which involves selecting different and dependent on cosine function modulation amplitudes for each projection.

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