Supplementary Information to

Impact of Particle Size on the Nonlinear Magnetic Response of Iron Oxide Nanoparticles in Frequency mixing magnetic detection

Ali Mohammad Pourshahidi [1*], Neha Jean [1], Corinna Kaulen [2], Simon Jakobi [3], and Hans-Joachim Krause [1*]

[1] Institute of Biological Information Processing, Bioelectronics (IBI-3), Forschungszentrum Jülich, Germany; n.jean@fz-juelich.de (N.J.)
[2] Ostbayerische Technische Hochschule Regensburg,Germany; corinna.kaulen@oth-regensburg.de (C.K.)
[3] RWTH Aachen, Institute of Inorganic Chemistry,Germany; simon.jakobi@rwth-aachen.de (S.J.)
* Correspondence: a.pourshahidi@fz-juelich.de (A.M.P.); h.-j.krause@fz-juelich.de (H.-J.K.); Tel.:+49-2461-2955

Plot showing the intensity weighted DLS spectra for the samples NH15 and NH19:

