Electronic Supplementary Material (ESI) for RSC Advances.

Supporting Information

Fabrication of Fe_3O_4@SiO_2@RGO nanocomposites and their excellent absorption properties with low filler content

Ya-Fei Pan, Guang-Sheng Wang*, Yong-Hai Yue*

Key Laboratory of Bio-Inspired Smart Interfacial Science and Technology of Ministry of Education, School of Chemistry and Environment, Beihang University, Beijing 100191, PR China.

Correspondence should be addressed to Guang-Sheng Wang, E-mail: wanggsh@buaa.edu.cn

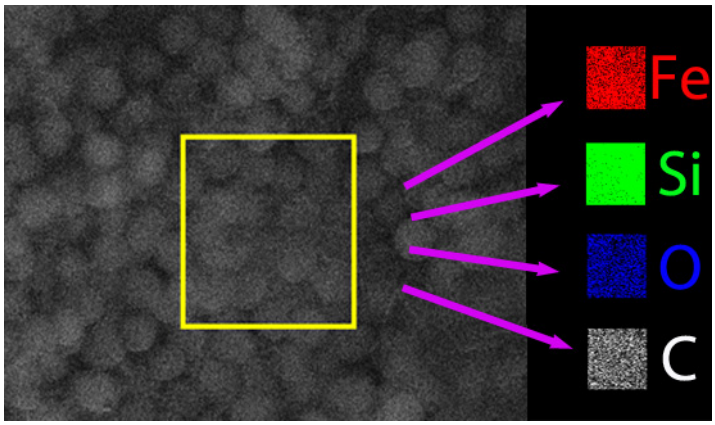

Figure S1. FESEM image of the Fe_3O_4@SiO_2@RGO nanocomposites and corresponding elemental maps of Fe, Si, O and C.

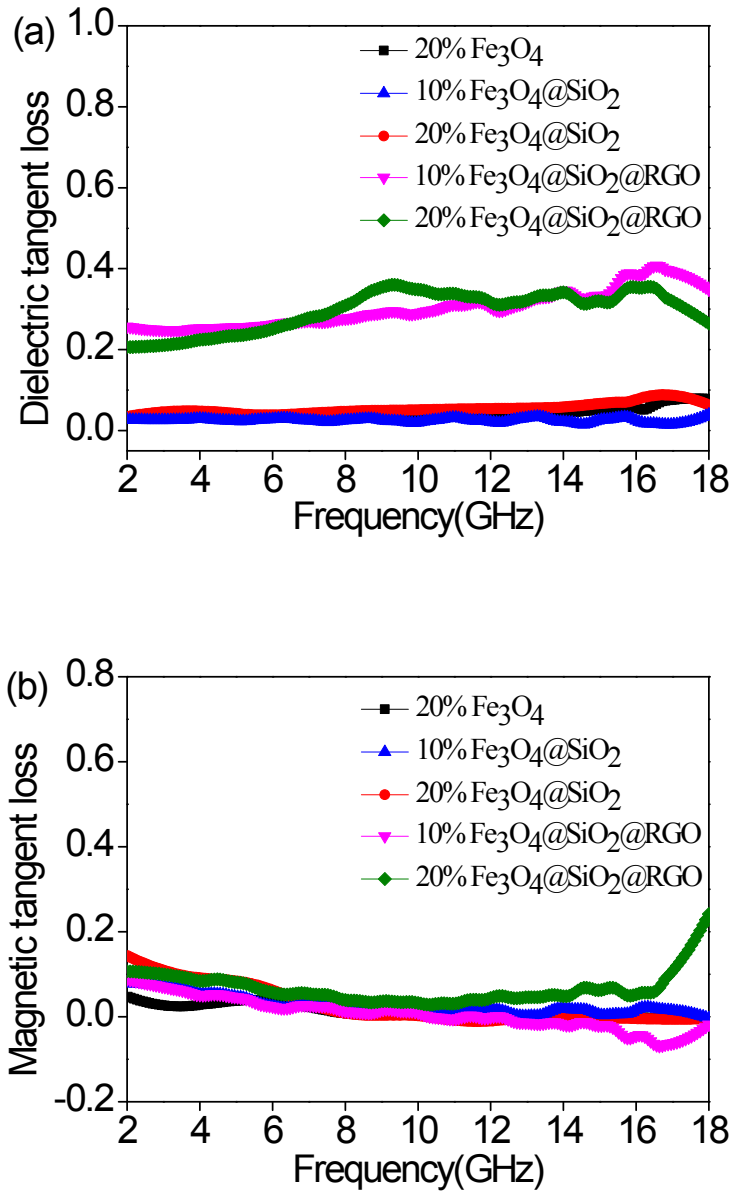

Figure S2. Frequency dependence of (a) dielectric tangent loss and (b) magnetic tangent loss of samples