

Effect of Hydrogenation on the Microwave Absorption Properties of BaTiO₃ Nanoparticles

Lihong Tian,^{a,b} Xiaodong Yan,^a JiLian Xu,^c Petra Wallenmeyer,^a James Murowchick,^d Lei Liu,^{c,*} Xiaobo Chen^{a,*}

^a Department of Chemistry, University of Missouri – Kansas City, Kansas City, MO 64110, USA.

^b Hubei Collaborative Innovation Center for Advanced Organochemical Materials, Hubei University, Wuhan, 430062, China.

^c State Key Laboratory of Luminescence and Applications, Changchun Institute of Optics, Fine Mechanics and Physics, Chinese Academy of Sciences, Changchun, 130033, People's Republic of China.

^d Department of Geosciences, University of Missouri – Kansas City, Kansas City, MO 64110, USA.

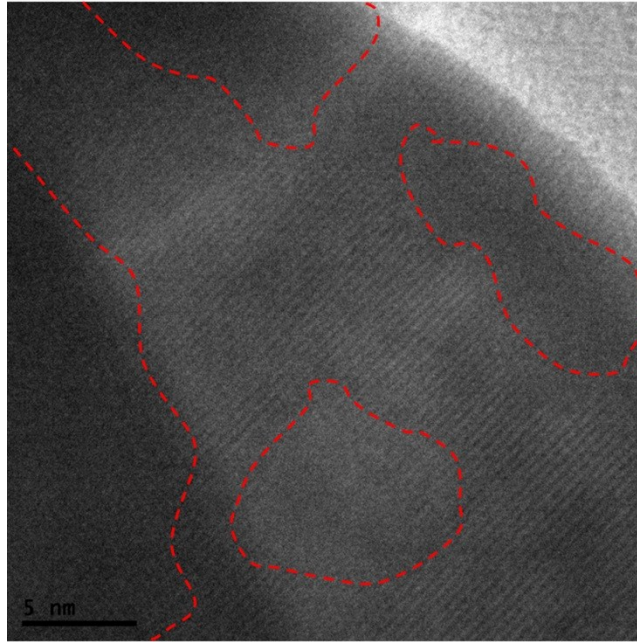


Figure S1. High-resolution transmission electron microscopy image of hydrogenated BaTiO₃ nanoparticles.