

Supporting Information

Controlling the electric permittivity of honeycomb-like core-shell Ni/CuSiO₃ composite nanospheres to enhance microwave absorption properties

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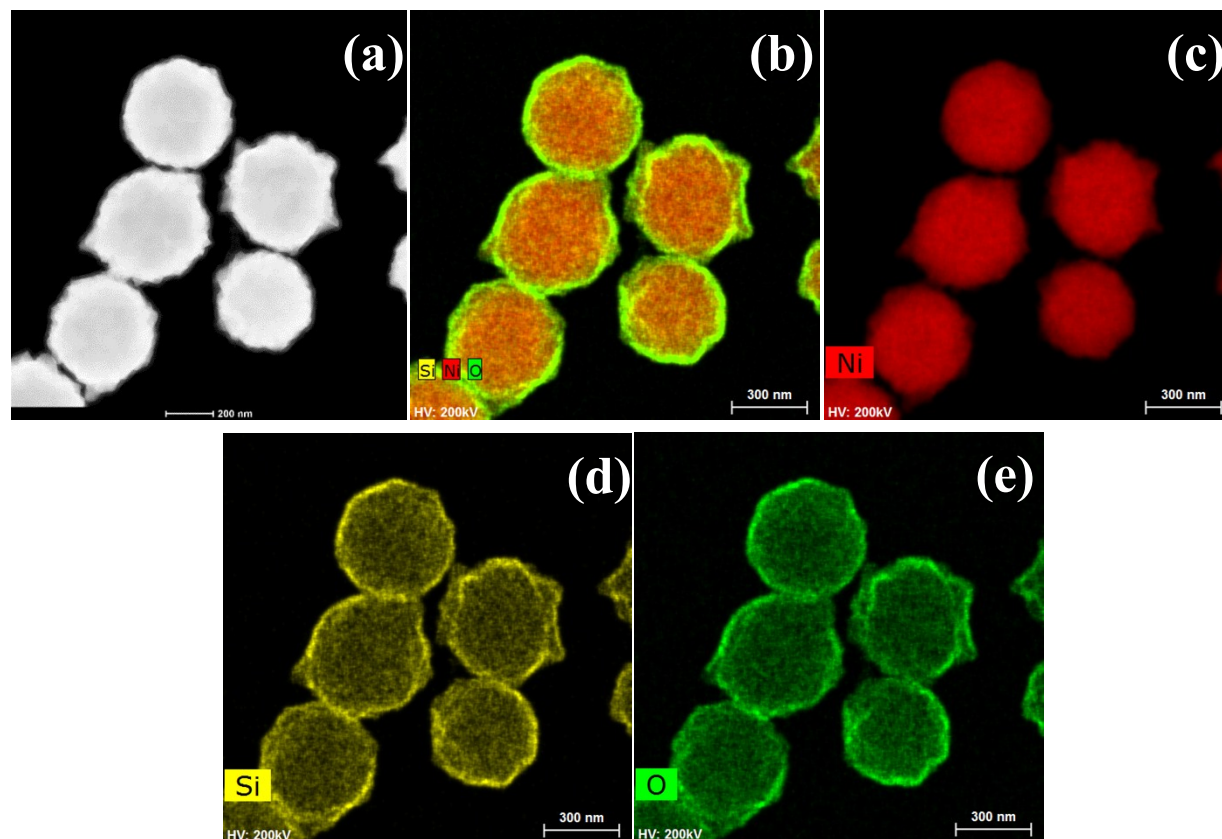


Figure S1. Images of Ni/SiO₂ nanospheres. (a) Bright-field high-angle angular dark-field STEM image and (b–e) elemental maps.

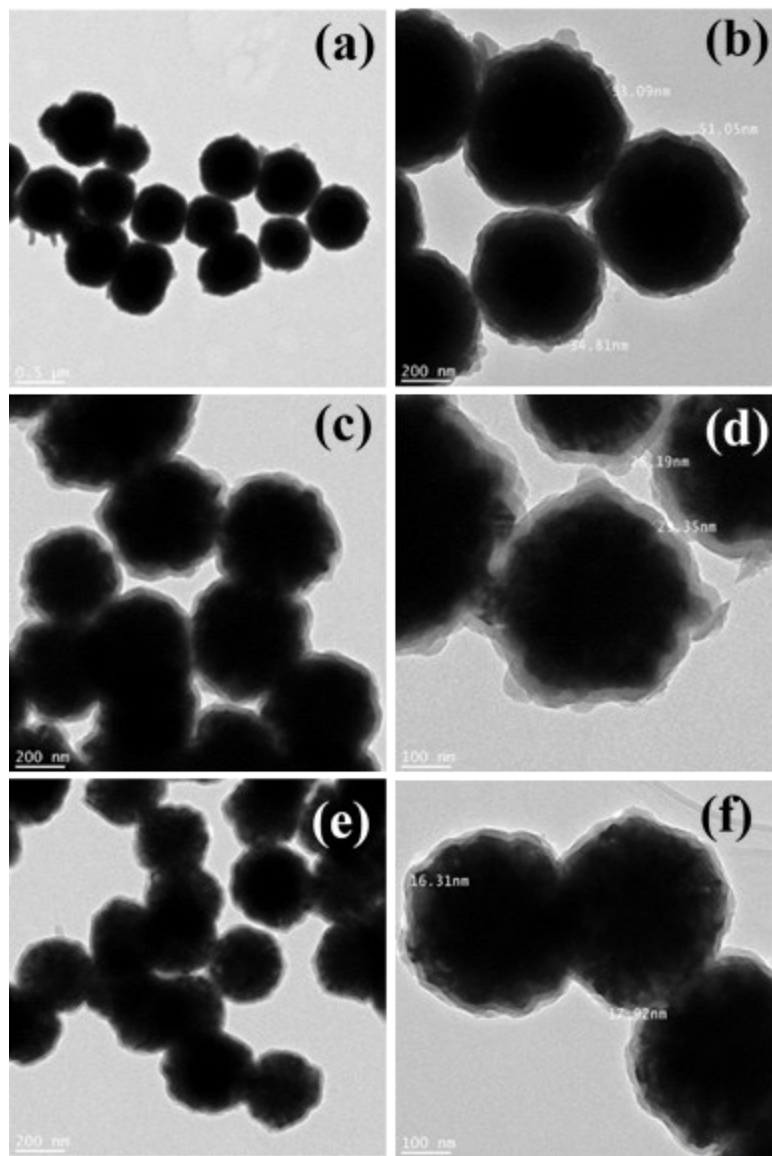


Figure S2. Ni/SiO₂ nanospheres prepared with Ni concentrations of (a, b) 0.3 g, (c, d) 0.5 g, and (e, f) 0.6 g.

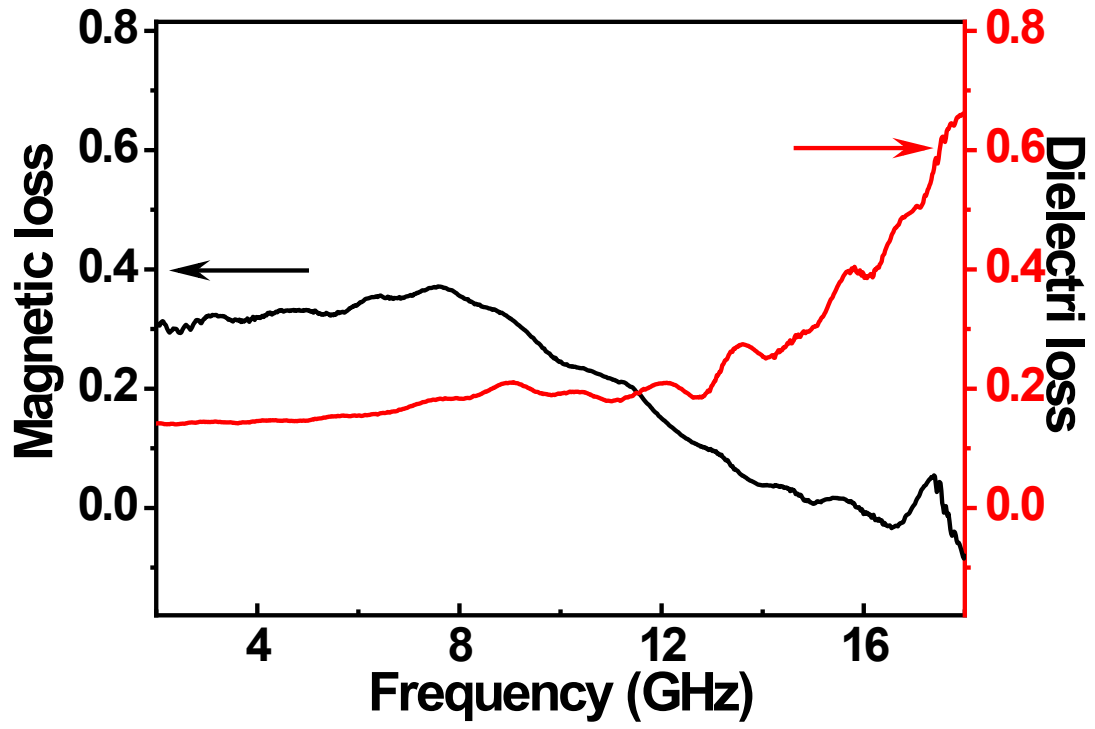


Figure S3. Loss tangents of the core-shell Ni/CuSiO₃ composite nanospheres.

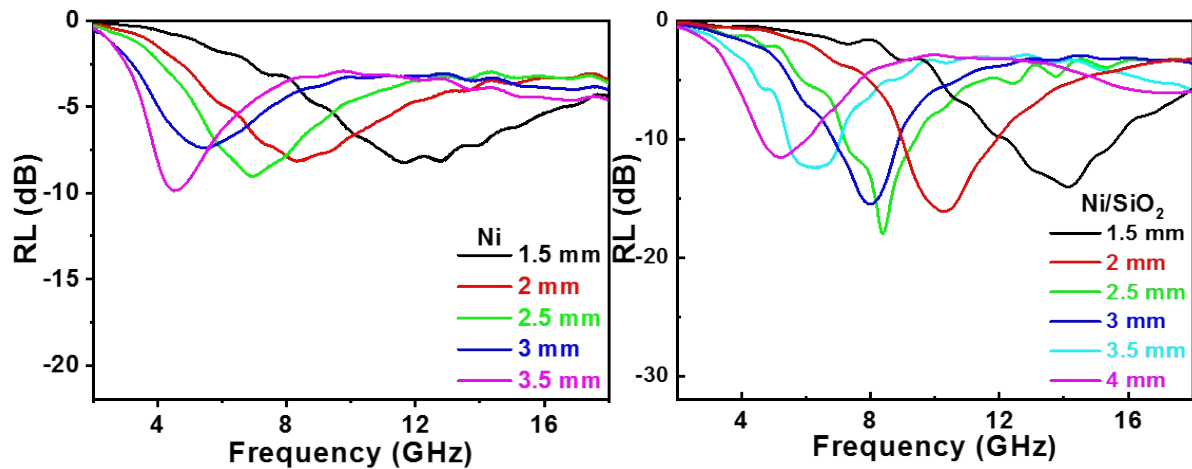


Figure S4. Ni/SiO₂ nanospheres prepared with Ni concentrations of (a, b) 0.3 g, (c, d) 0.5 g, and (e, f) 0.6 g.