

Facile preparation and enhanced microwave absorption properties of core-shell composite spheres composed of Ni cores and TiO₂ shells

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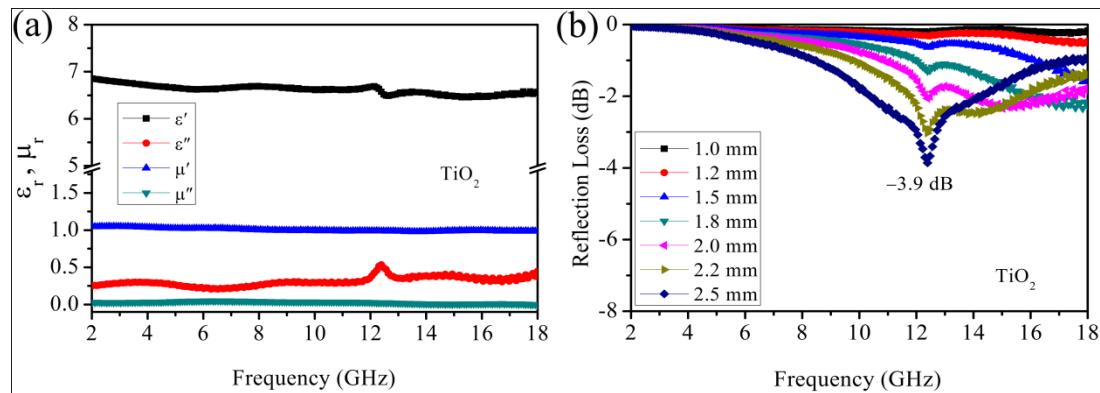


Figure S2. Frequency dependence of (a) electromagnetic parameters and reflection loss of individual TiO₂ paraffin-composite.

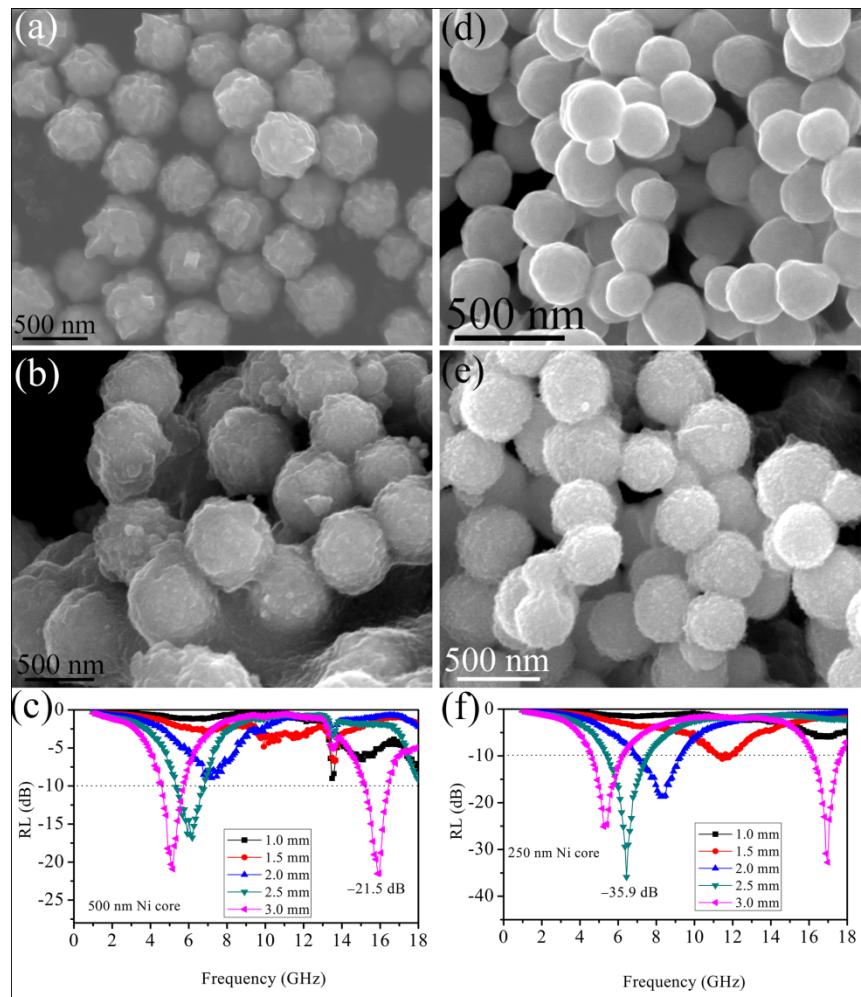


Fig.S2 (a) SEM images of mean diameter of 500 nm Ni particles, (b,c) SEM image and microwave absorption properties of Ni/TiO₂ composites with 500 nm Ni cores; (d) SEM image of average size of 250 nm Ni spheres, (e,f) SEM image and microwave absorption properties of Ni/TiO₂ composites with 250 nm Ni cores