Corrosive synthesis and enhanced electromagnetic absorption properties of hollow porous Ni/SnO_2 hybrids

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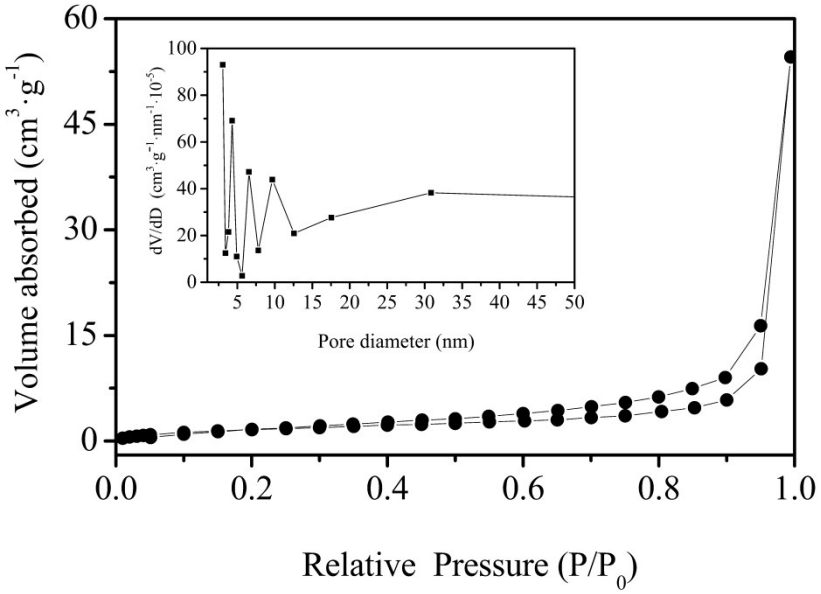

Figure S1 (a) The nitrogen adsorption–desorption isotherms of hollow porous Ni/SnO_2 structures. The inset is the pore size distribution.

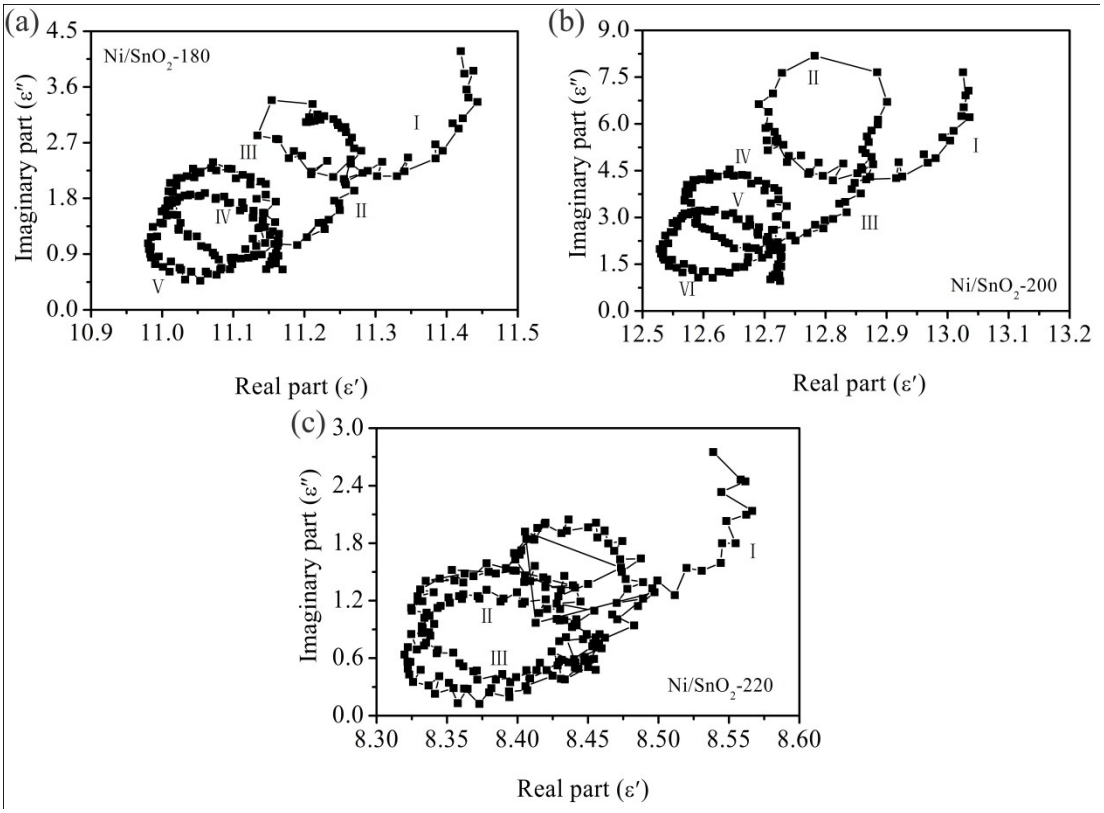

Figure S2 (a-c) Typical Cole-Cole semicircles (ε″ versus ε′) for Ni/SnO_2 hybrids in the frequency range of 1-18 GHz

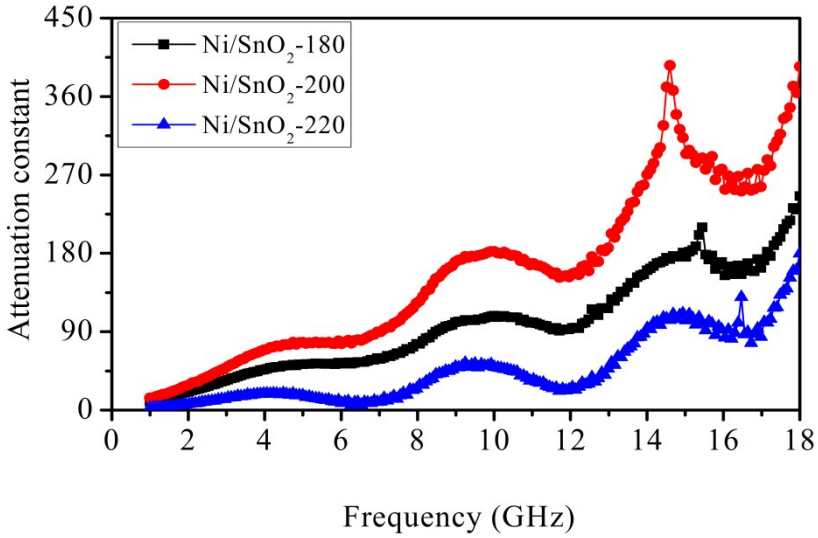

Figure S3 Attenuation constant of Ni/SnO_2 hybrid–paraffin composites versus frequency.

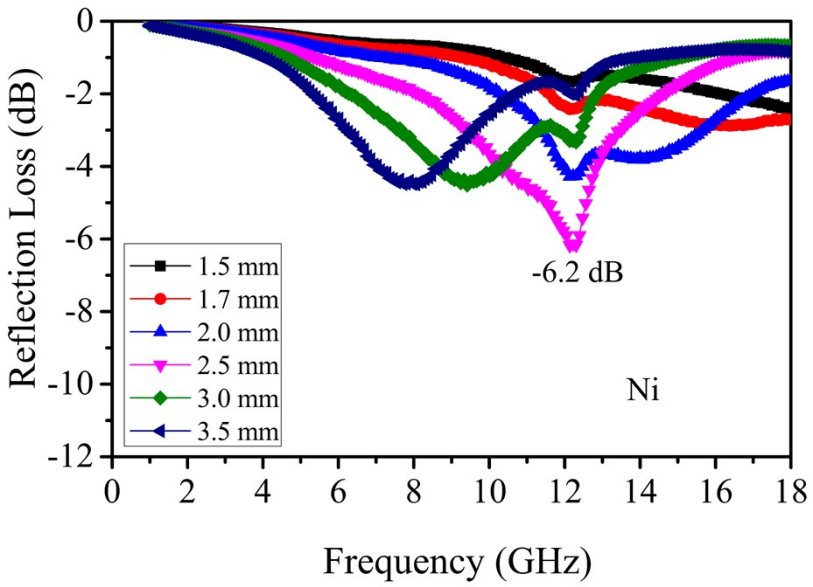

Figure S4 Calculated results of the reflection loss vs frequency for Ni microspheres with different thicknesses