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## **Support Informations**

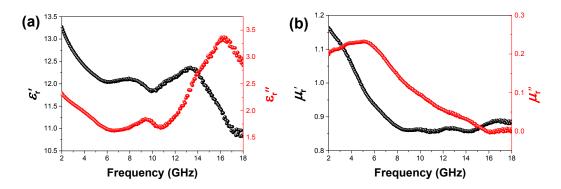


Fig. S1. The complex permittivity and permeability of Ni/C-paraffin composites.

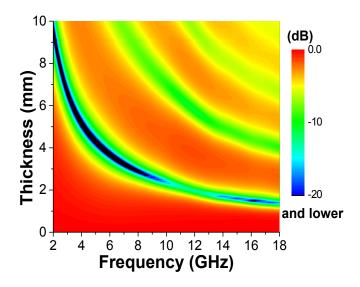


Fig. S2. The two-dimensional (2D) plot of microwave absorption (RL) of the Ni/C-paraffin composites.