

Modified Graphitic Carbon Nitride (MCN)/Fe₃O₄ Composite as a Super Electromagnetic Wave Absorber

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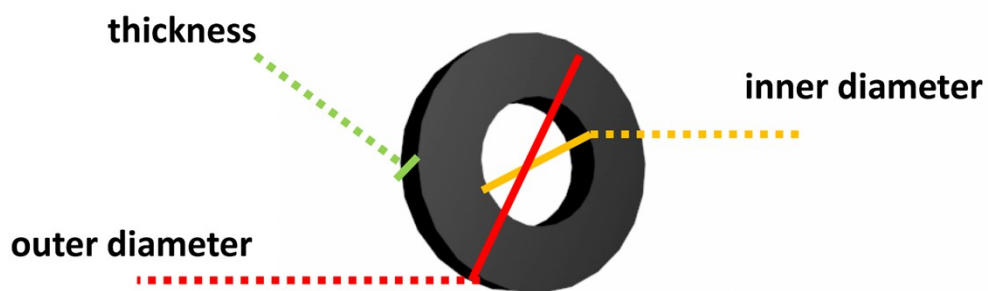


Fig. S1 The schematic diagram of concentric ring model

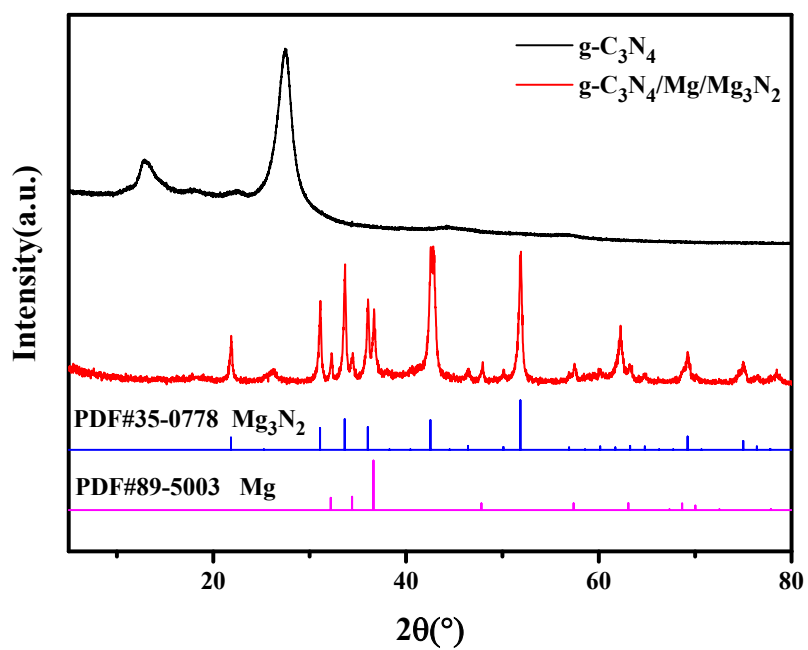


Fig. S2 The XRD of $g\text{-C}_3\text{N}_4$ and $\text{MCN}/\text{Mg}/\text{Mg}_3\text{N}_2$

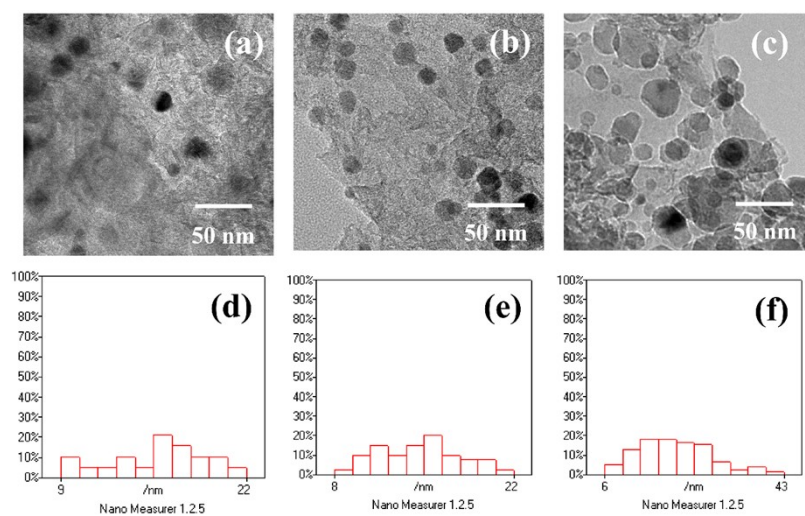


Fig. S3 The TEM of (a) MCN/Fe₃O₄-300, (b) MCN/Fe₃O₄-500, (c) MCN/Fe₃O₄-700, and size distribution of (d) MCN/Fe₃O₄-300, (e) MCN/Fe₃O₄-500, and (f) MCN/Fe₃O₄-700

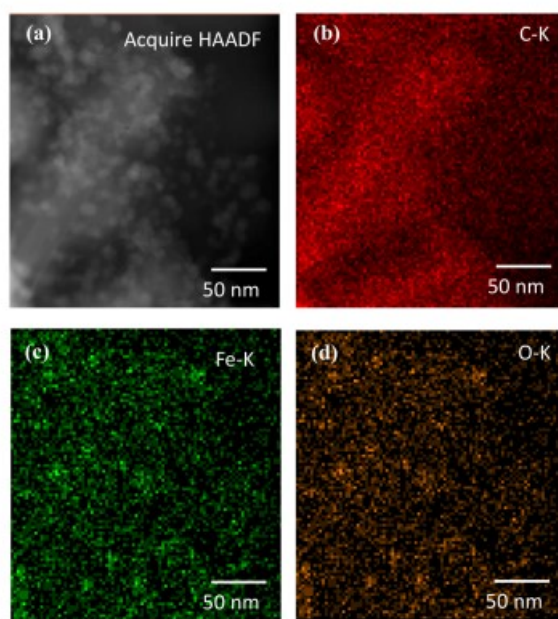


Fig. S4 The TEM and EDS mapping of MCN/Fe₃O₄-500

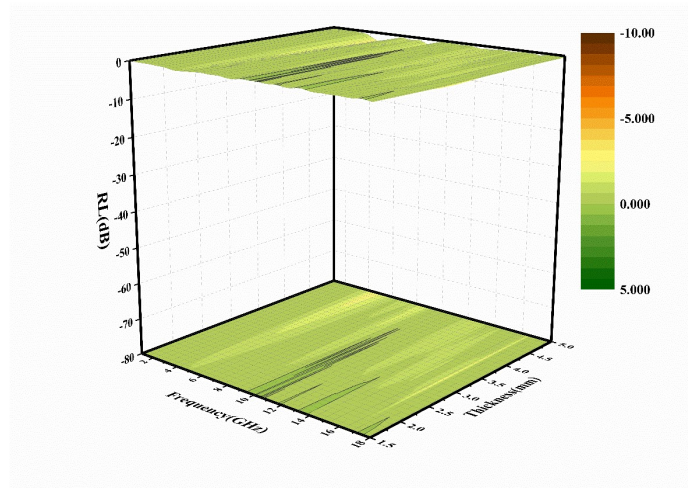


Fig. S5 RL curve of g-C₃N₄

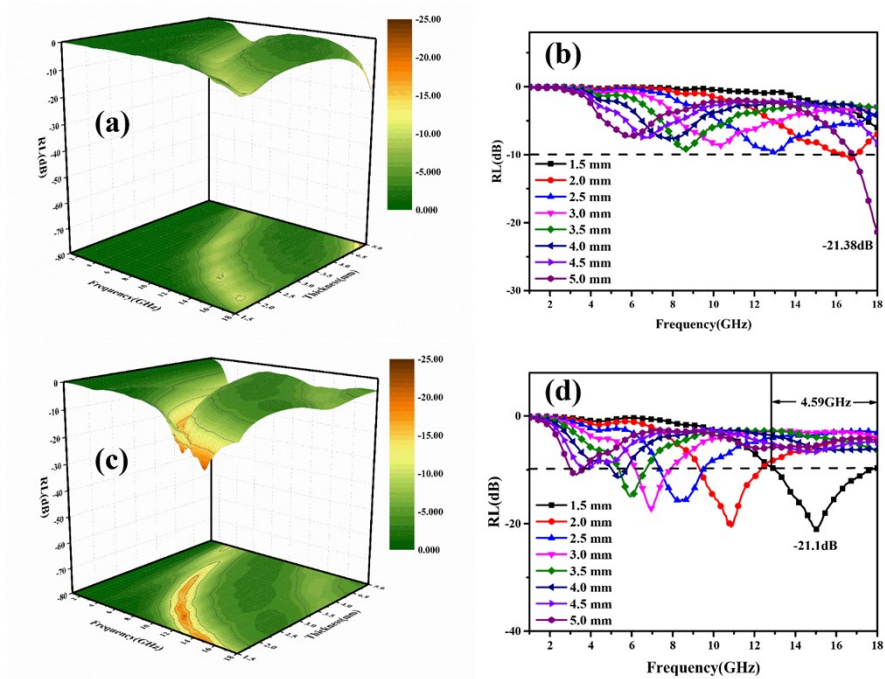


Fig. S6 RL curves of (a) and (b) MCN/Fe₃O₄-500 (mass ratio of MCN/Fe(acac)₃=1/1), (c) and (d) MCN/Fe₃O₄-500 (mass ratio of MCN/Fe(acac)₃=5/1)

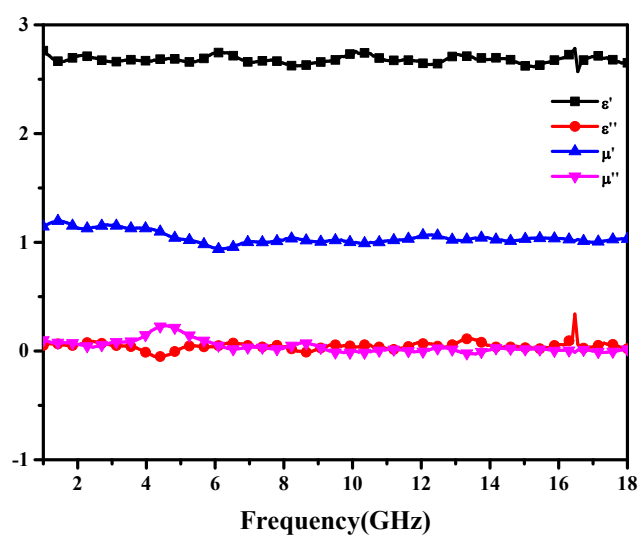


Fig. S7 ϵ' , ϵ'' , μ' , μ'' -f curves of g-C₃N₄