Supporting information

Interface Polarization Strategy to Solve Electromagnetic Wave Interference Issue

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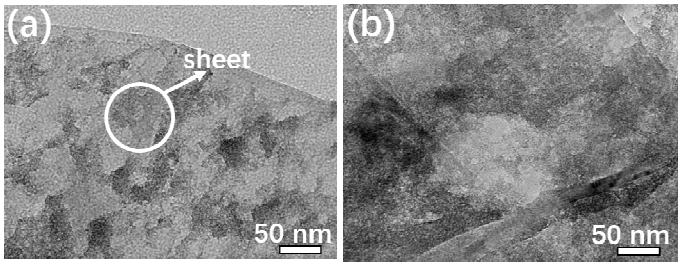

Figure S1. TEM images of the graphene/ metal oxide precursors (Fe/Co/Ni=2:1:2) was obtained at various times: (a) 8 h; (b) 16 h; It is consistent with what has been reported in literature (Ref 21).

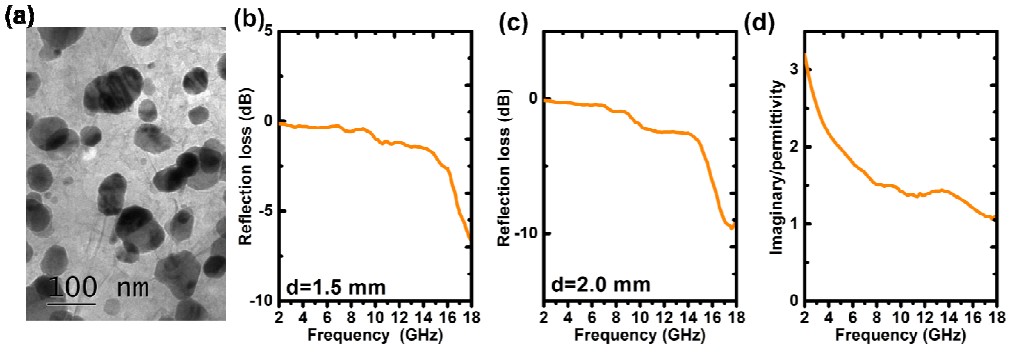

Figure S2. (a) The TEM images of the graphene/$Fe_{0.5}Ni_{0.5}Co_2O_4$ obtained at 700 ^oC; The reflection loss curves of the graphene/$Fe_{0.5}Ni_{0.5}Co_2O_4$ sample calculated at 1.5 mm (b) and 2.0 mm (c); (d)The imaginary part of permittivity of the graphene/$Fe_{0.5}Ni_{0.5}Co_2O_4$ sample**;**