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Graphical Abstract

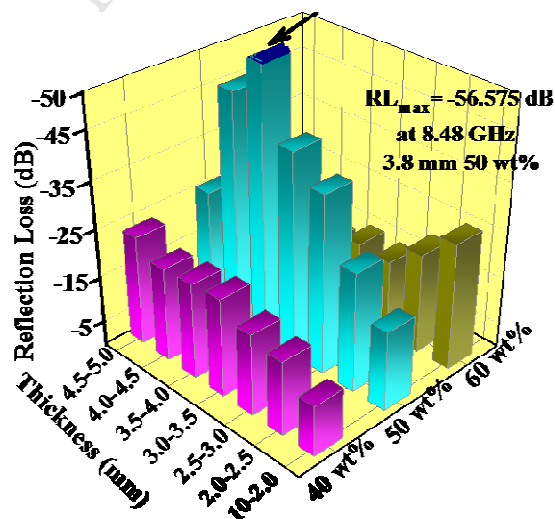
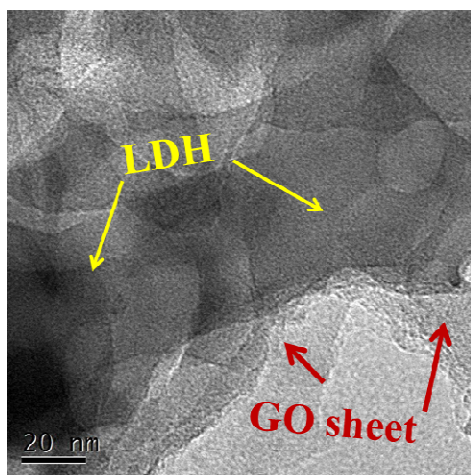
Laminated Graphene Oxide-Supported High-Efficiency Microwave Absorber Fabricated by an *in situ* growth approach

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CoFeAl-LDH/G hybrids were successfully prepared via the sufficient metal ions absorption and subsequent *in-situ* growth on GO surfaces, which exhibit remarkable microwave absorption performance.

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