**Supporting information**

Customization of FeNi alloy nanosheet arrays inserted with biomass-derived carbon templates for boosted electromagnetic wave absorption

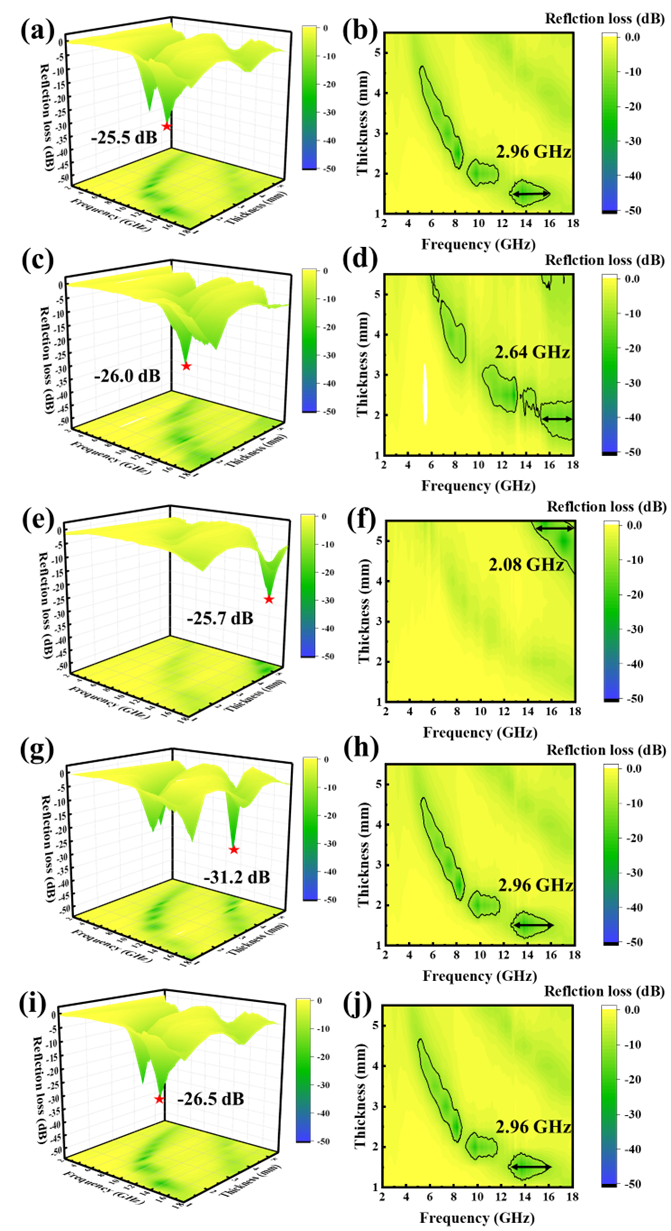
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**Fig. S1. TG curve of** **FeNi/LSC-700.**

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**Fig. S2. 3D images and 2D contours of calculated RL values of (a, b) Fe/LSC-700, (c, d) Fe1Ni0.5/LSC-700, (e, f) Ni/LSC-700, (g, h) Fe0.5Ni1/LSC-700 and (i, j) FeNi/LSC-N.**