

## Supporting Information

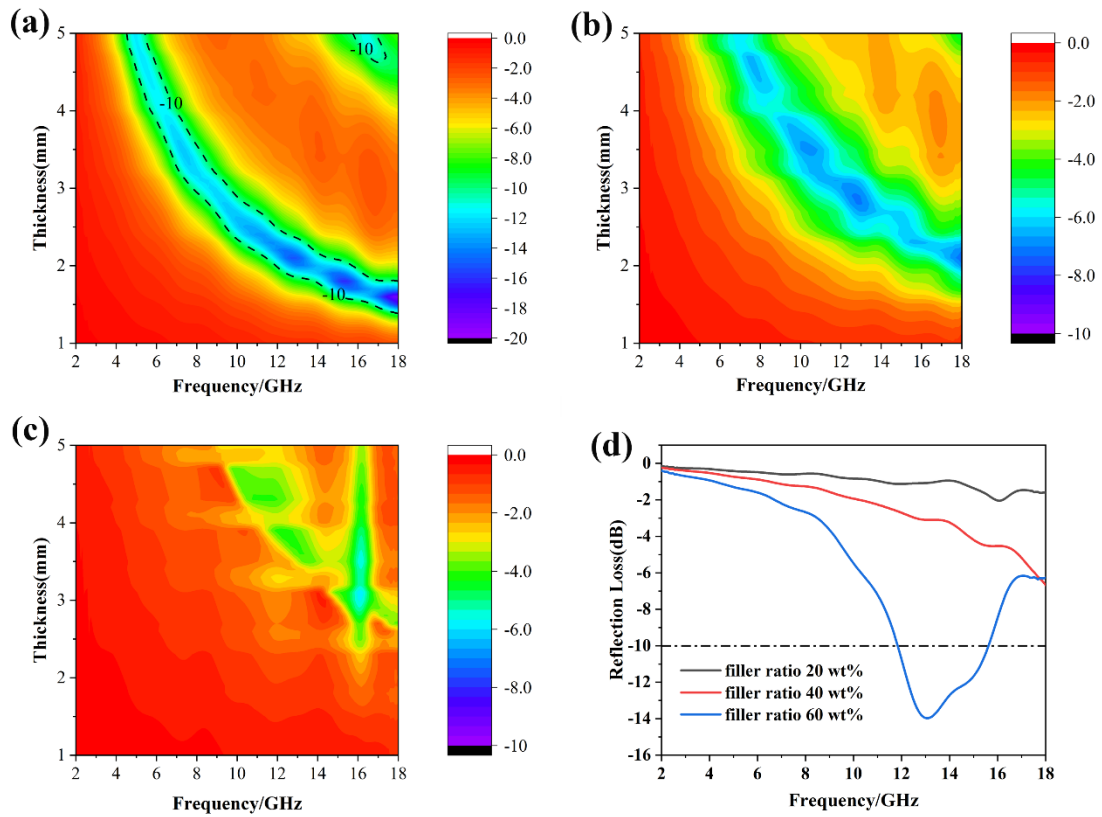
### **Enhanced microwave absorption performance of Fe<sub>3</sub>Al flakes by optimizing the carbon nanotube coatings**

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**Fig. S1.** Two-dimensional representation of the microwave reflection losses of the  $\text{Fe}_3\text{Al}-1.5\%\text{CNT}$  composite absorber with different filler ratios: (a) 60 wt%, (b) 40 wt%, (c) 20 wt%. (d) Microwave reflection loss of the  $\text{Fe}_3\text{Al}-1.5\%\text{CNT}$  composite absorbers (different filler ratios of 60 wt%, 40 wt%, and 20 wt%, respectively) with a thickness of 2 mm.