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Electronic Supplementary Information for

Facile Synthesis of NiS_2@MoS_2 Core-Shell Nanospheres for the Effective Enhancement in Microwave Absorption

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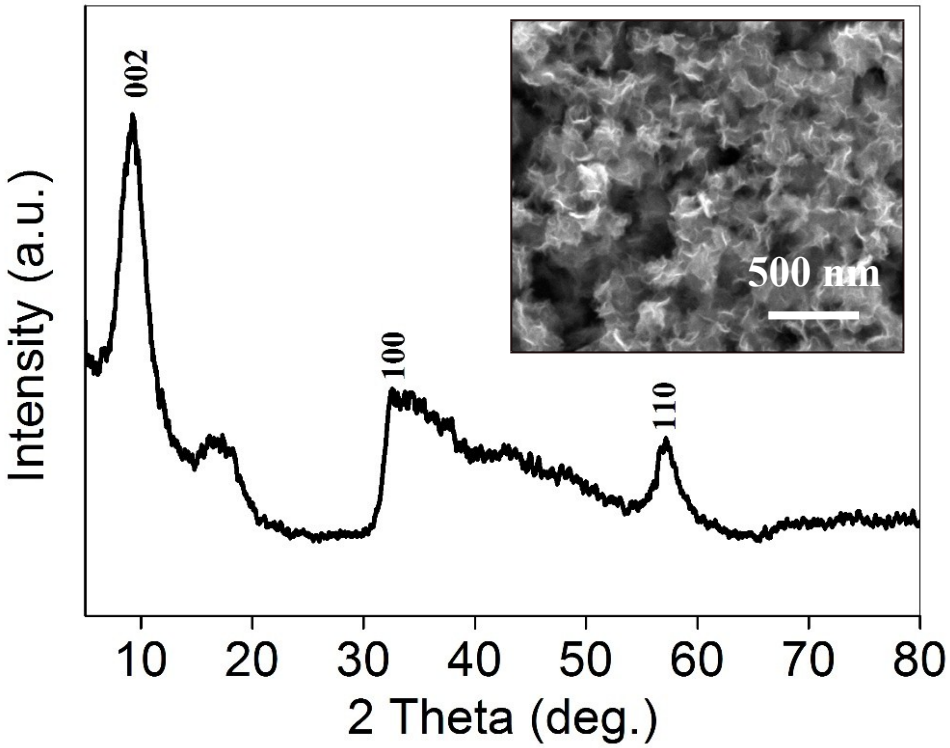

Fig. S1 The XRD pattern of MoS_2 nanoplate.

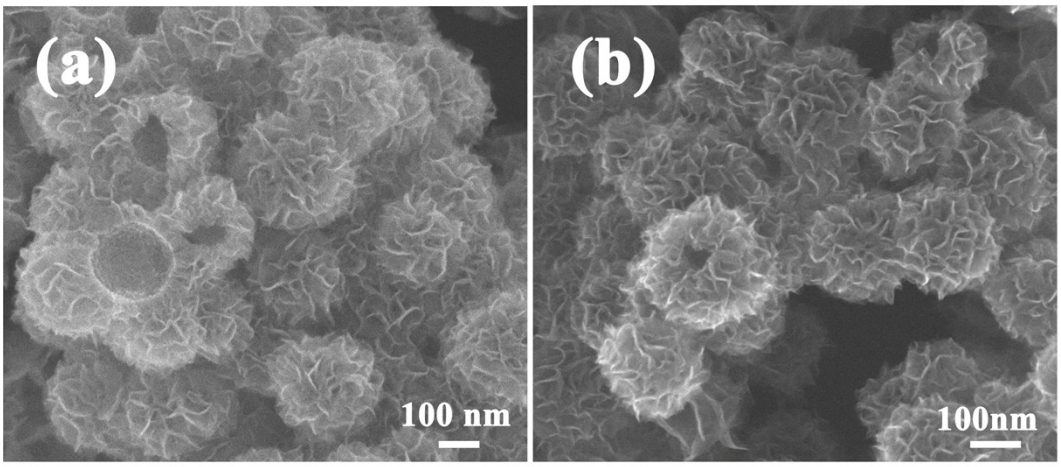

Fig. S2 The FESEM images of NiS_2@MoS_2 nanospheres.

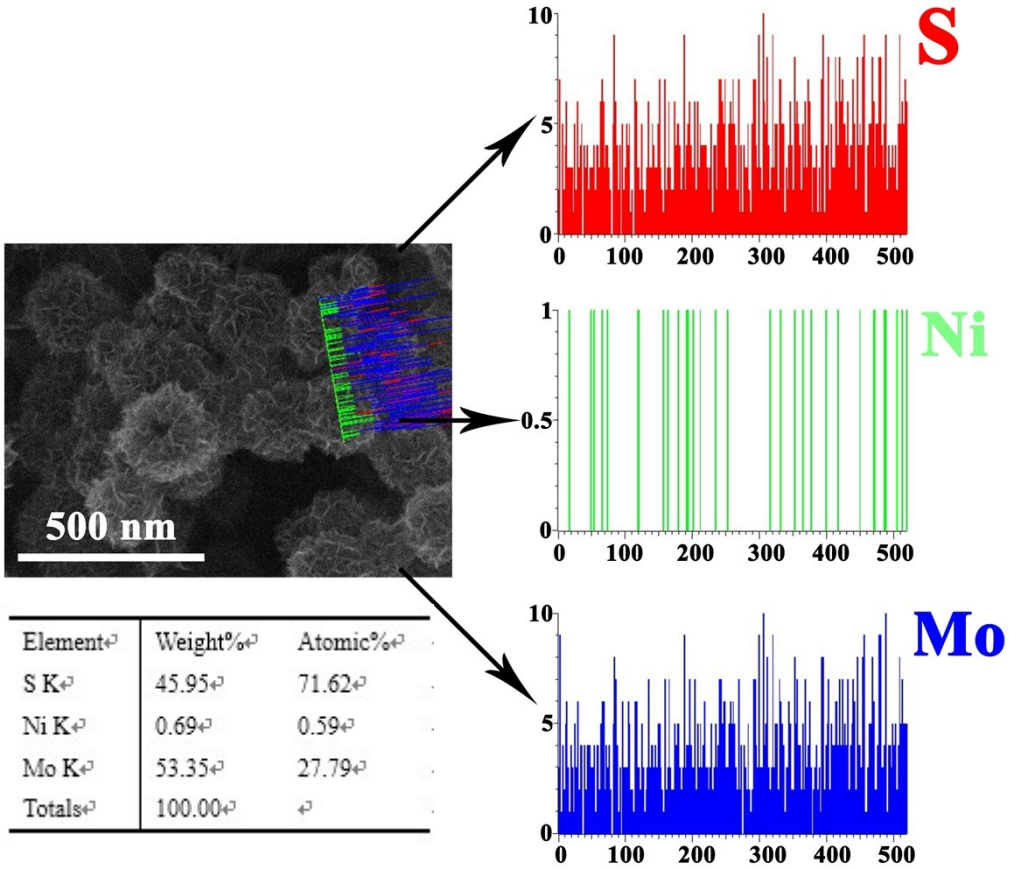

Fig.S3 FESEM image of NiS_2@MoS_2 nanospheres and corresponding elemental mapping images of S, Ni and Mo.

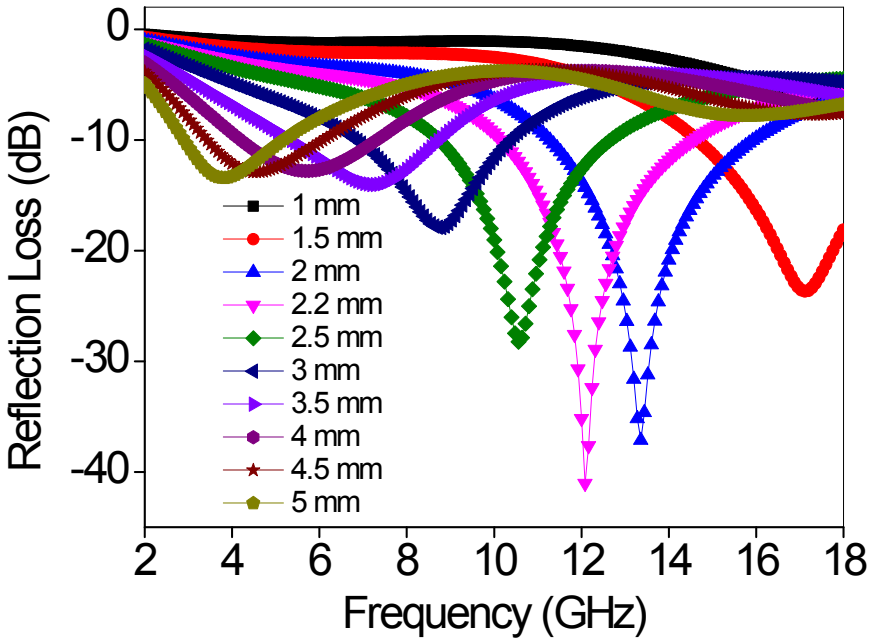

Fig. S4 Microwave RL curves of the NiS_2@MoS_2/PVDF composites with a filler loading of 20 wt% at various thicknesses in the frequency range of 2-18 GHz.

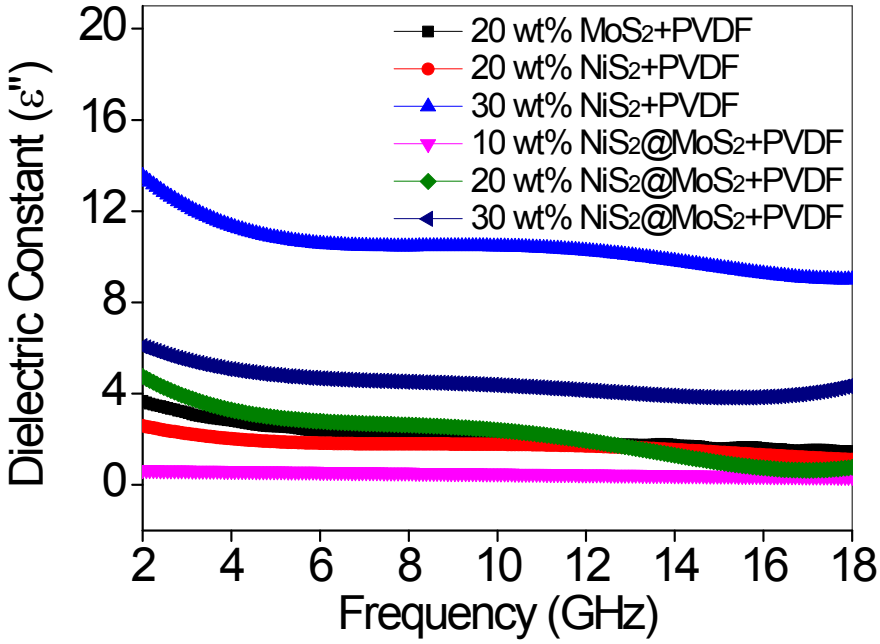

Fig. S5 Frequency dependence on imaginary part of the complex permittivity of samples in the frequency range 2-18 GHz.