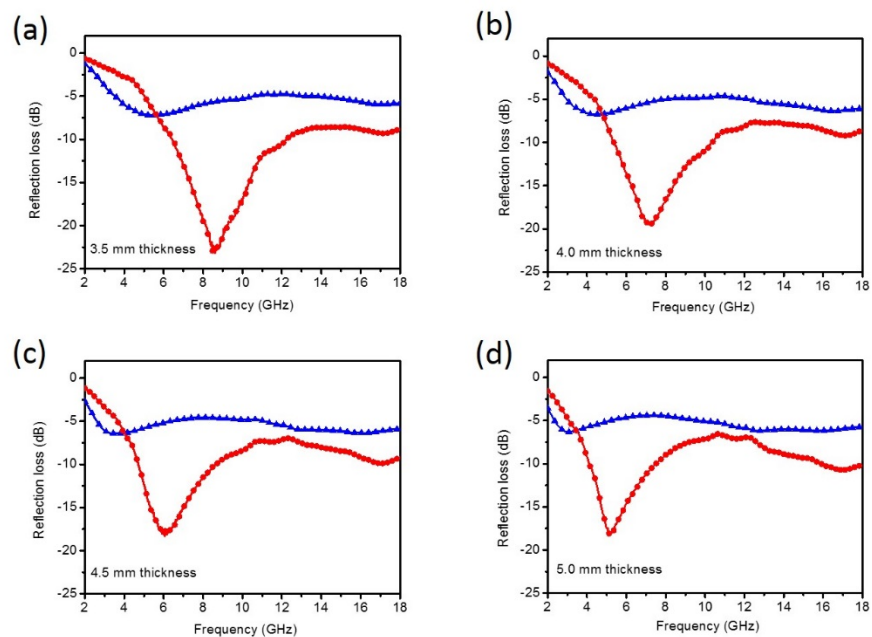


Electronic Supplementary Information

Sample-1



Sample-2

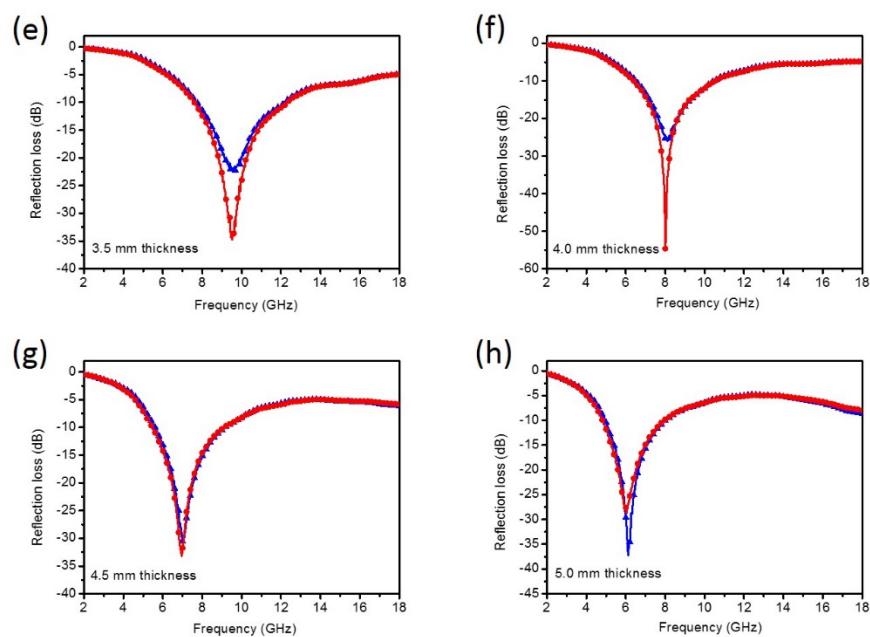


Figure S1. Reflection loss curves of sample-1 (a, b, c, d) and sample-2 (e, f, g, h) with the thickness of 3.5, 4.0, 4.5 and 5.0 mm in the frequency range of 2-18 GHz before (blue) and after (red) UV-irradiation.

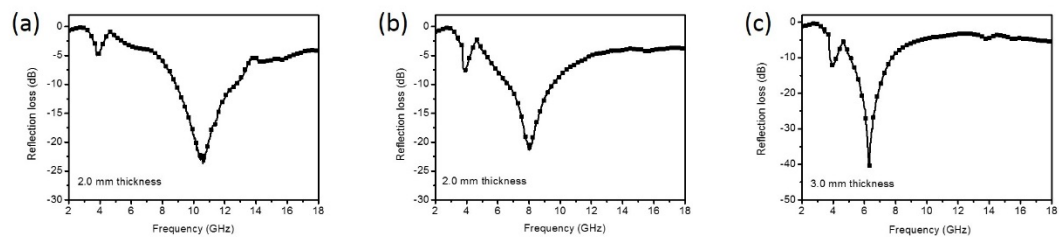


Figure S2. Reflection loss curves of sample-1 with the thickness of 2.0, 2.5 and 3.0 mm in the frequency range of 2-18 GHz after UV-irradiation (20.0 wt% in paraffin matrix).