Supporting Information

Enhanced Absorbing Properties of Three-Phase Composites Based on Thermoplastic-Ceramic Matrix ($BaTiO_3$ +PVDF) and Carbon Black Nanoparticles

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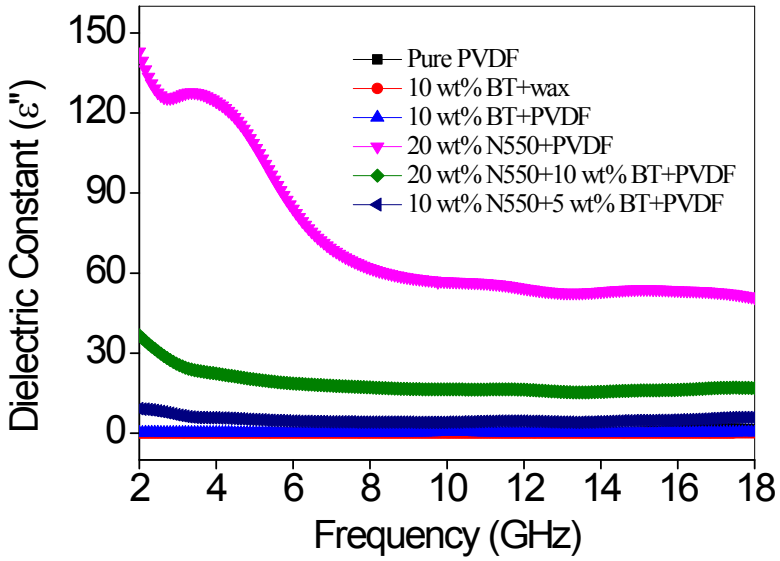

Figure S1 Imaginary part of the Dielectric constant.

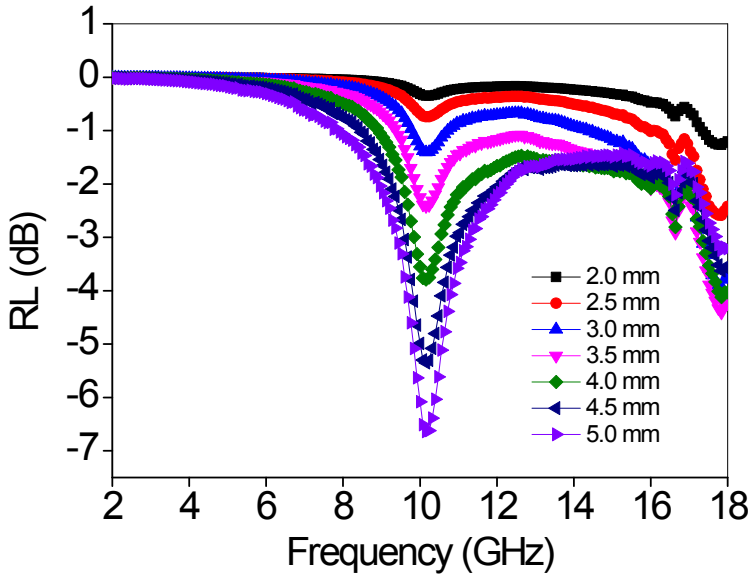

Figure S2 the reflection loss of the BT/PVDF with the filler loading 10 wt. %

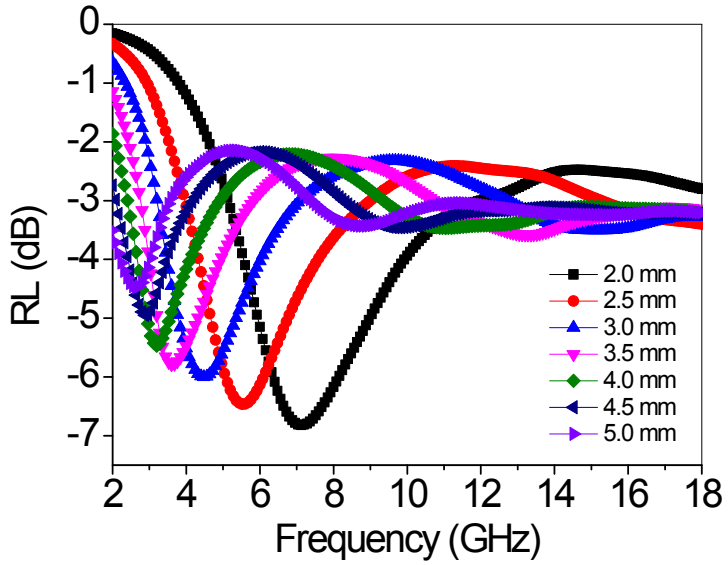

Figure S3 The (CB+BT)/PVDF composites with filler CB 20wt %, BT 10wt.% in the frequency range of 2-18 GHz.

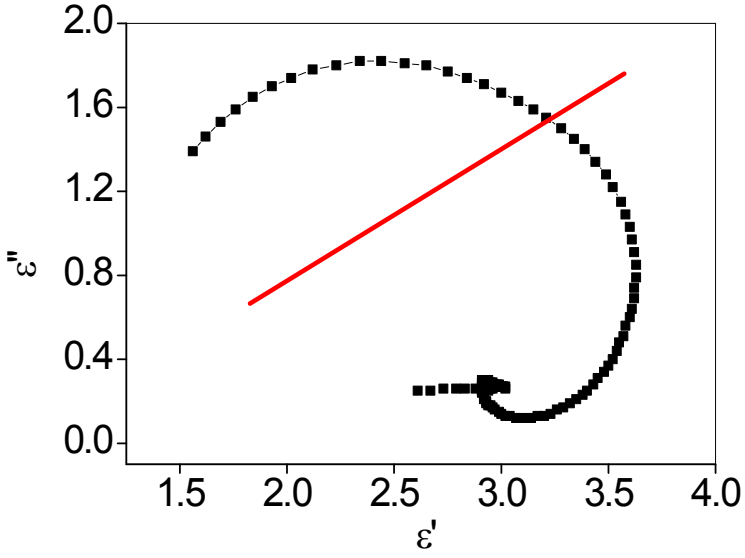

Figure S4 the Cole–Cole semicircle of pure PVDF.