Supplementary Information (SI) for Journal of Materials Chemistry C.

Supplementary Information

Room-Temperature Electrochemical Co-deposition of Cu-MOF/CNT Heterostructures on Carbon Fibers for Efficient Microwave Absorption at Low Filler Loading

Yuting Guo[a,†], Qinyang Xiong[a,†], Xiaojie Yang[a], Ke Han[a], Jiahao Gao[a], Danlin Yan[b], Xuejun Zhang[a,*], Jiangman Sun[a,*], Yanhong Tian[a*]

[a] *Key Laboratory of Carbon Fiber and Functional Polymers, Ministry of Education, State Key Laboratory of Organic-Inorganic Composites, College of Materials Scienceand Engineering, Beijing University of Chemical Technology, Beijing, 100029, China*

[b] *School of Science, Guangdong University of Petrochemical Technology, Maoming, Guangdong, 525000, China*

† These authors contribute equally

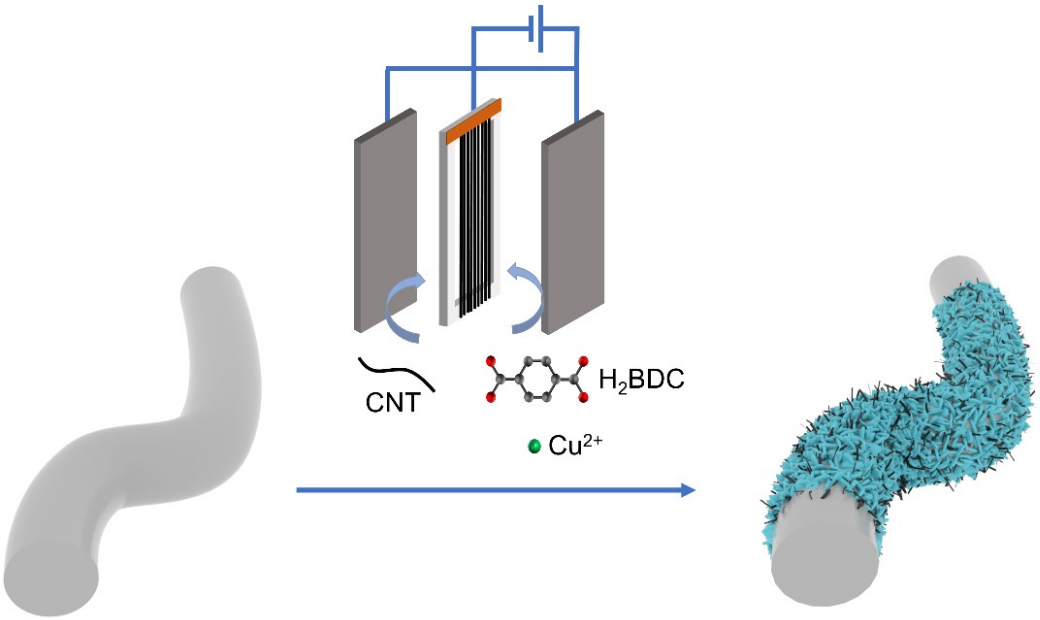

Figure S1. Schematic illustration of the preparation process of Cu-MOF/CNT@CF

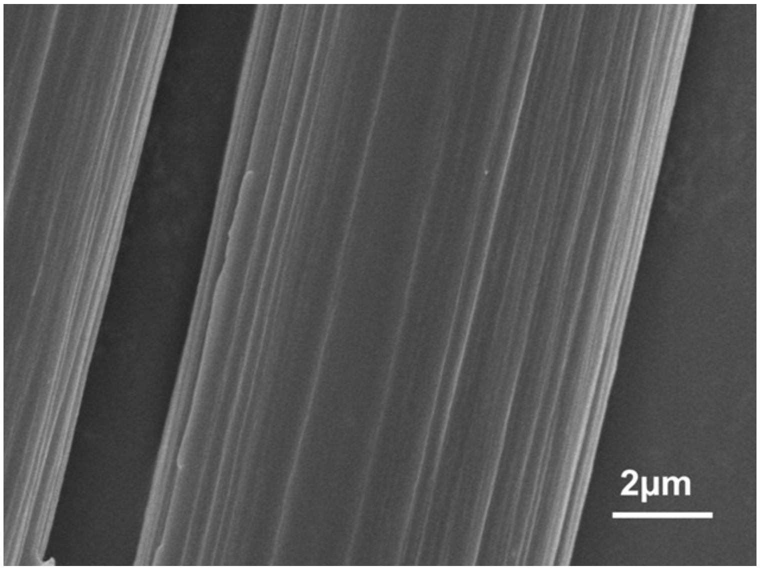

Figure S2. SEM images of SA@CF

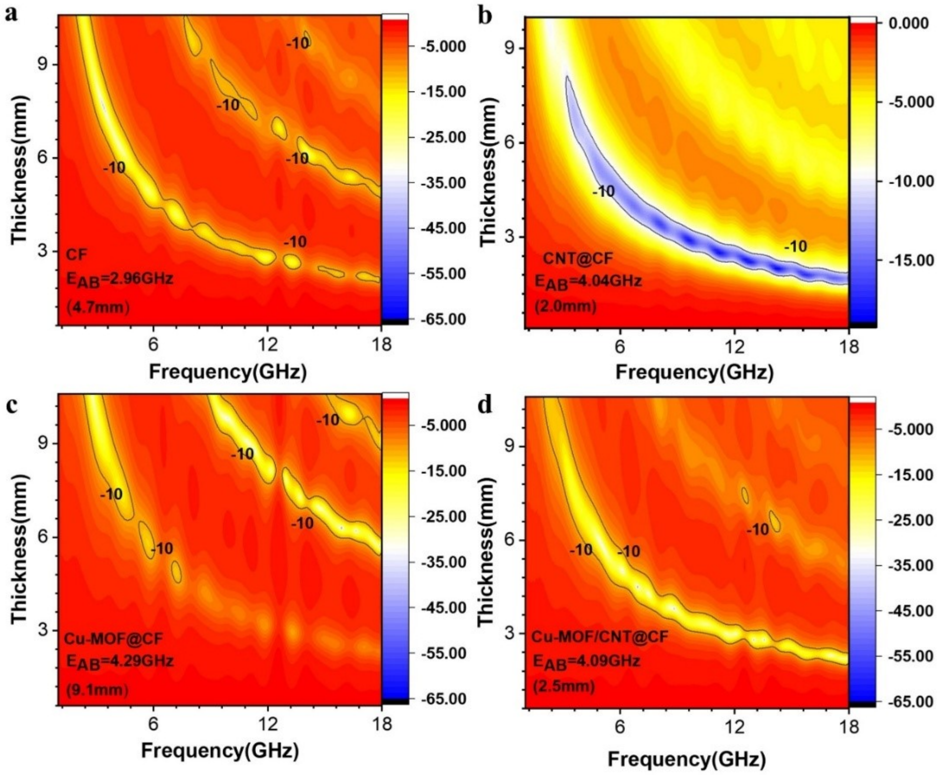

Figure S3. 2D diagrams of reflection loss for the as-prepared samples: (a) CF, (b) CNT@CF, (c) Cu-MOF@CF, (d) Cu-MOF/CNT@CF

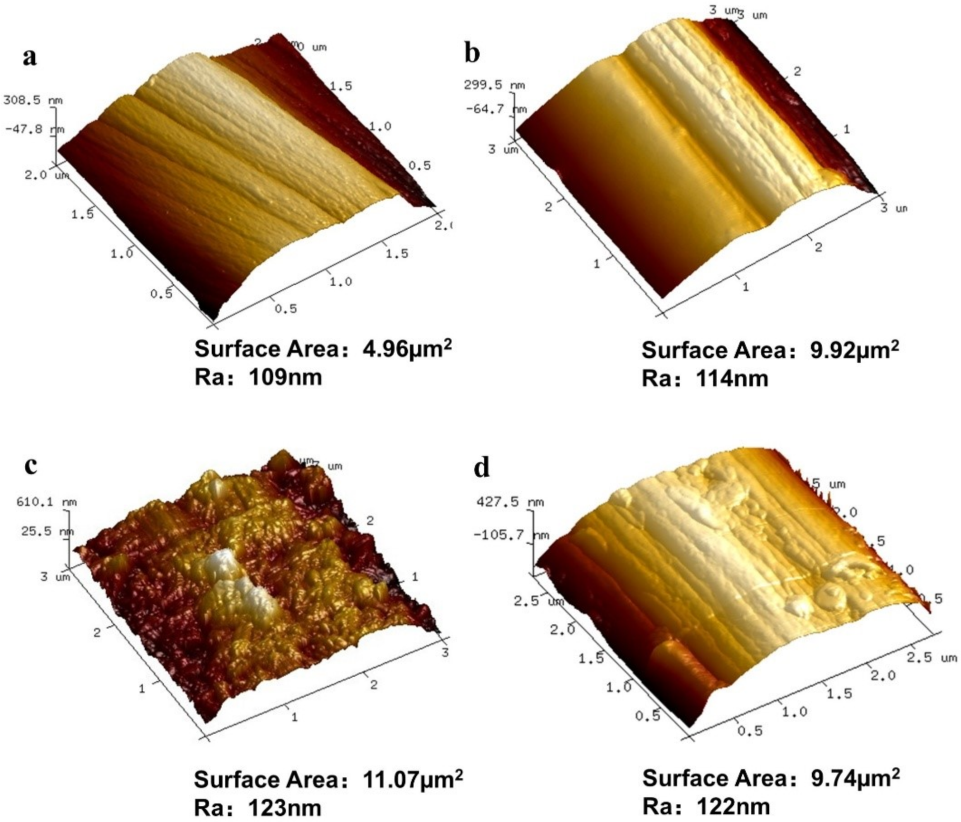

Figure S4. AFM images of (a) CF, (b) CNT@CF, (c) Cu-MOF@CF, (d) Cu-MOF/CNT@CF

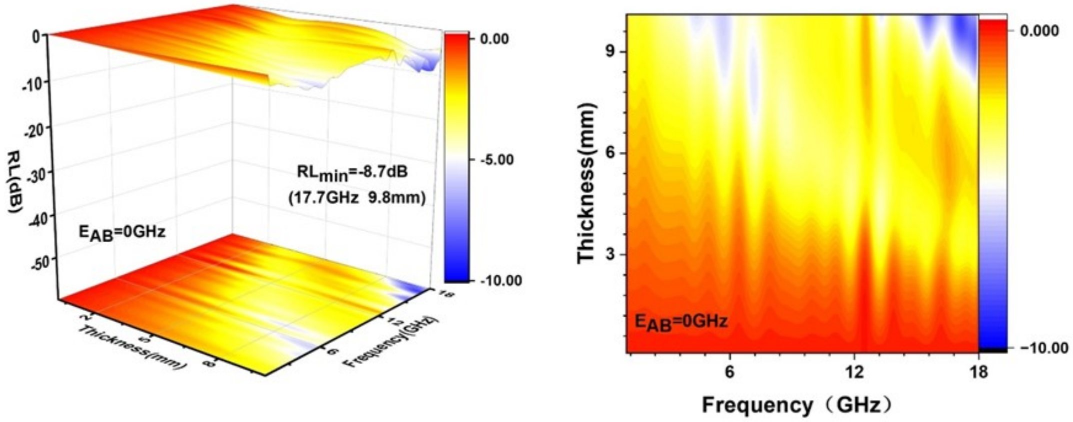

Figure S5. 3D diagrams and 2D diagrams of reflection loss for Cu-MOF

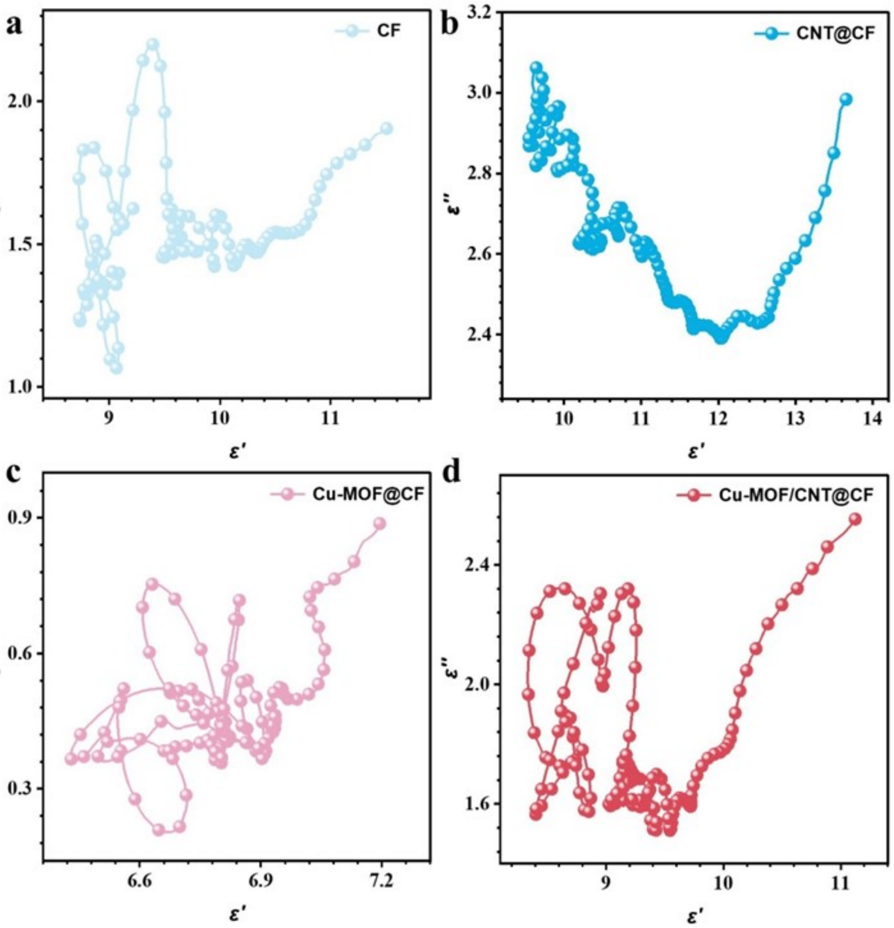

Figure S6. Cole-Cole curves of (a) CF, (b) CNT@CF, (c) Cu-MOF@CF, (d) Cu-MOF/CNT@CF