

Constructing A Multi-interface Mo₂C/Co@C Nanorods Toward the Microwave Response Based on Double Attenuation Mechanisms

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The number of Pages and Figures are 6 and 10, respectively.

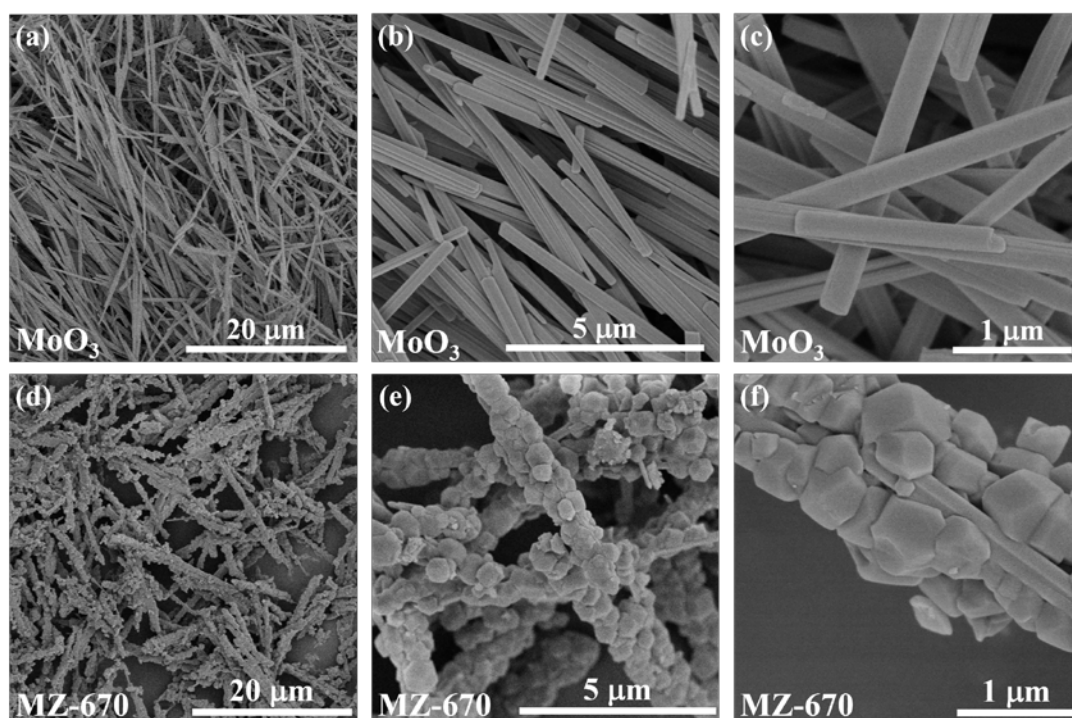


Figure S1. The SEM images of MoO_3 nanorods (a-c) and MZ-670 (d-f).

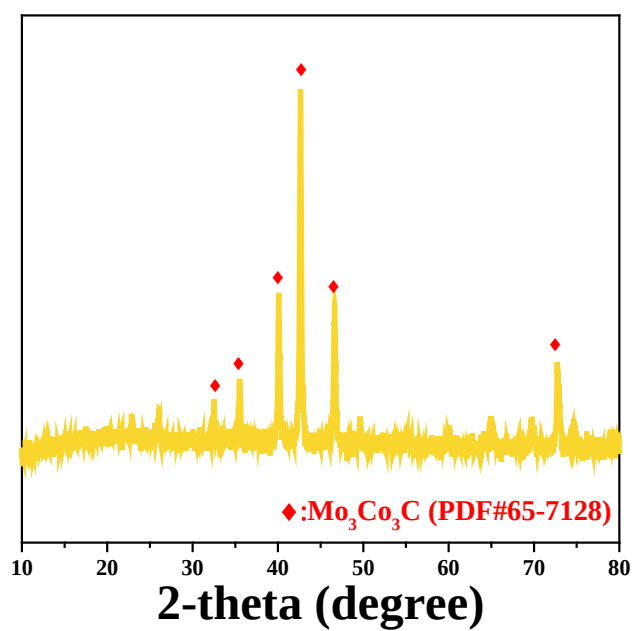


Figure S2. The XRD pattern of MCRs-800.

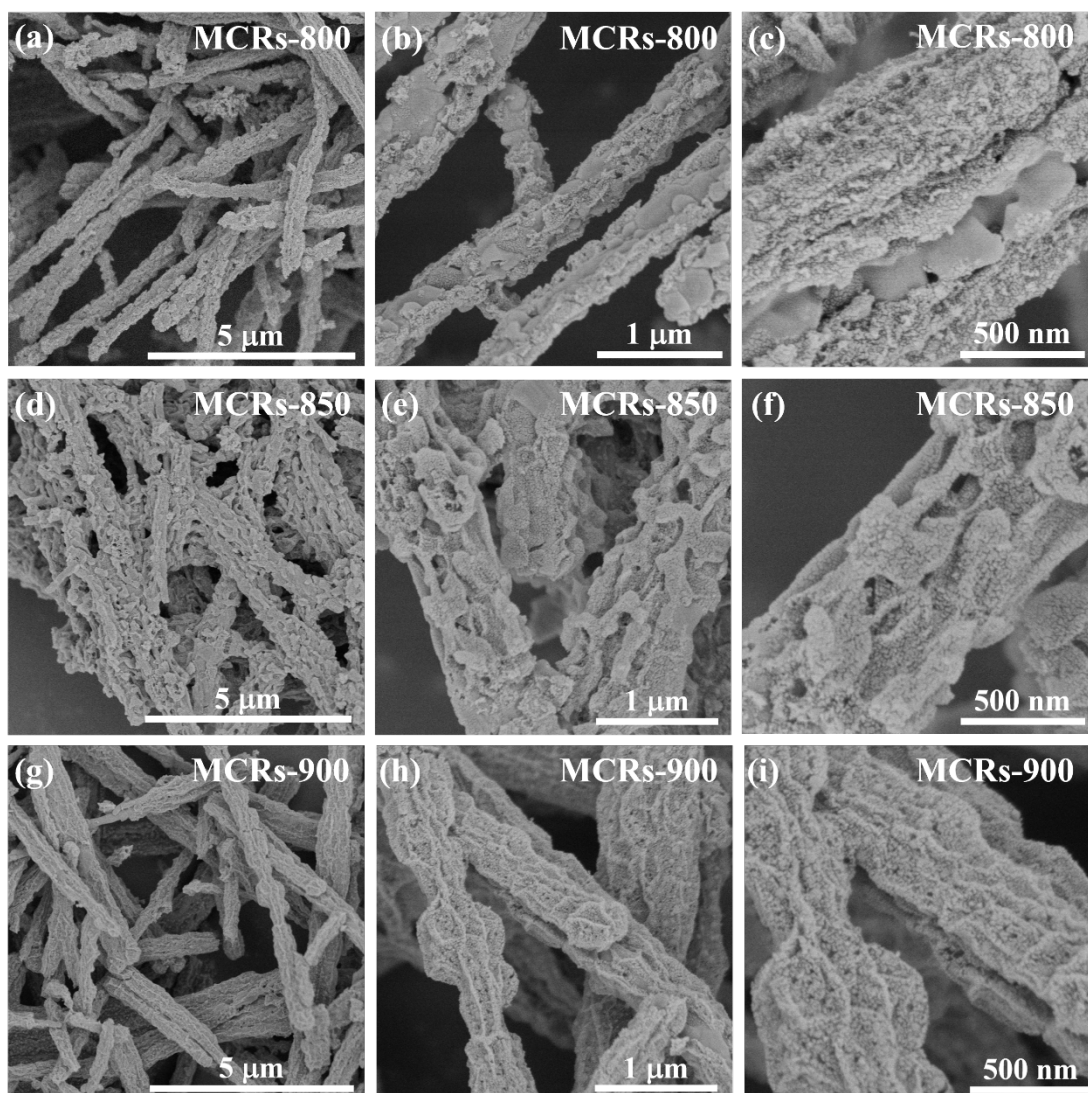


Figure S3. The SEM images of MCRs-800 (a-c), MCRs-850 (d-f) and MCRs-900 (g-i), respectively.

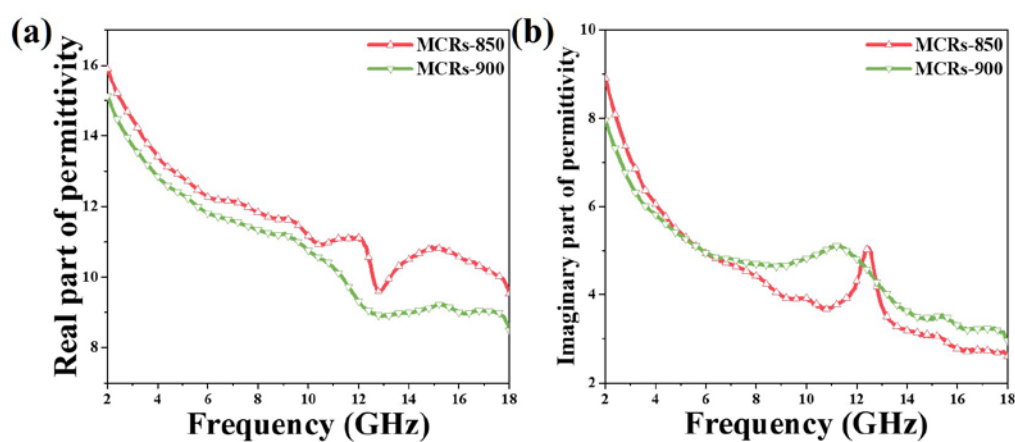


Figure S4. Real parts (a) and imaginary parts (b) of complex permittivity of MCRs-850 and MCRs-900 with 35 wt% paraffin nanocomposites.

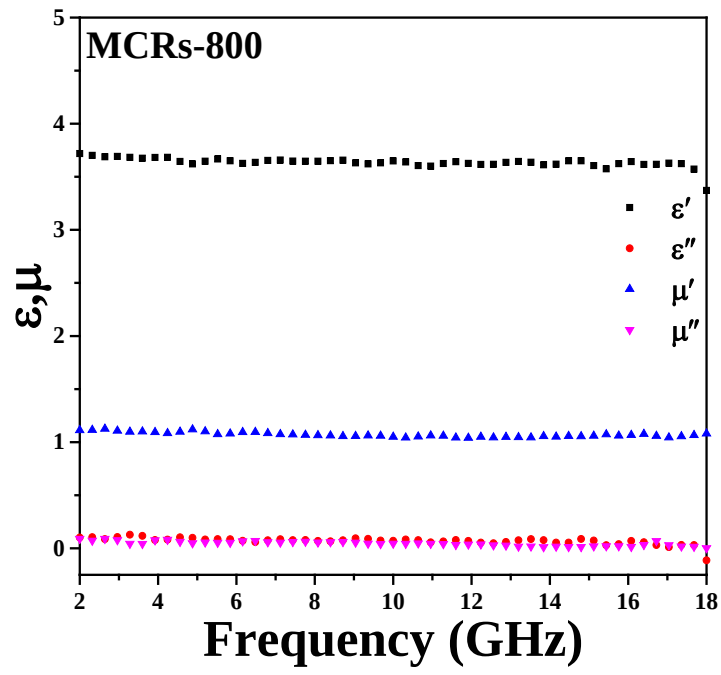


Figure S5. Electromagnetic parameters of MCRs-800.

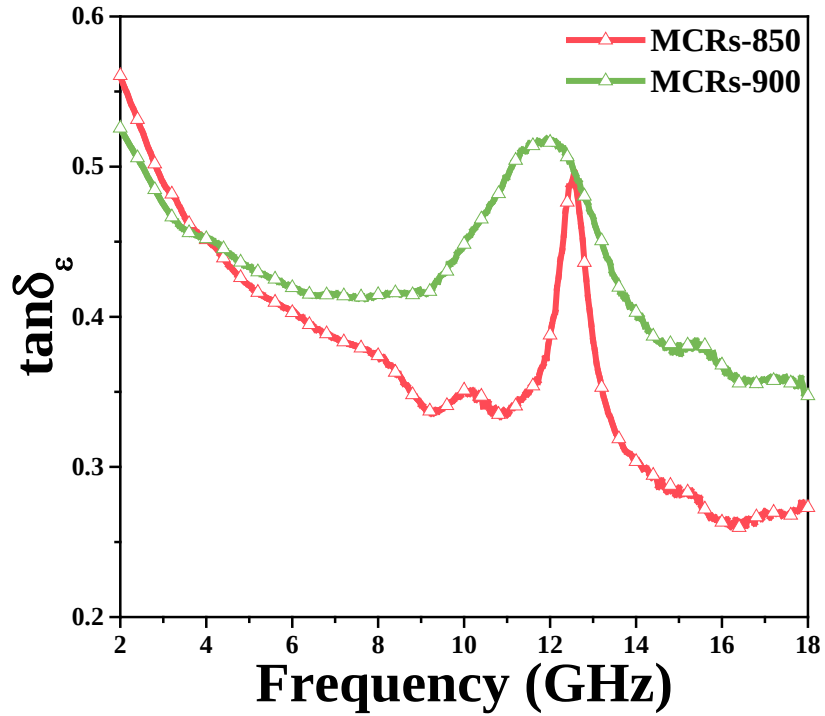


Figure S6. The values of dielectric loss ability of MCRs-850 and MCRs-900.

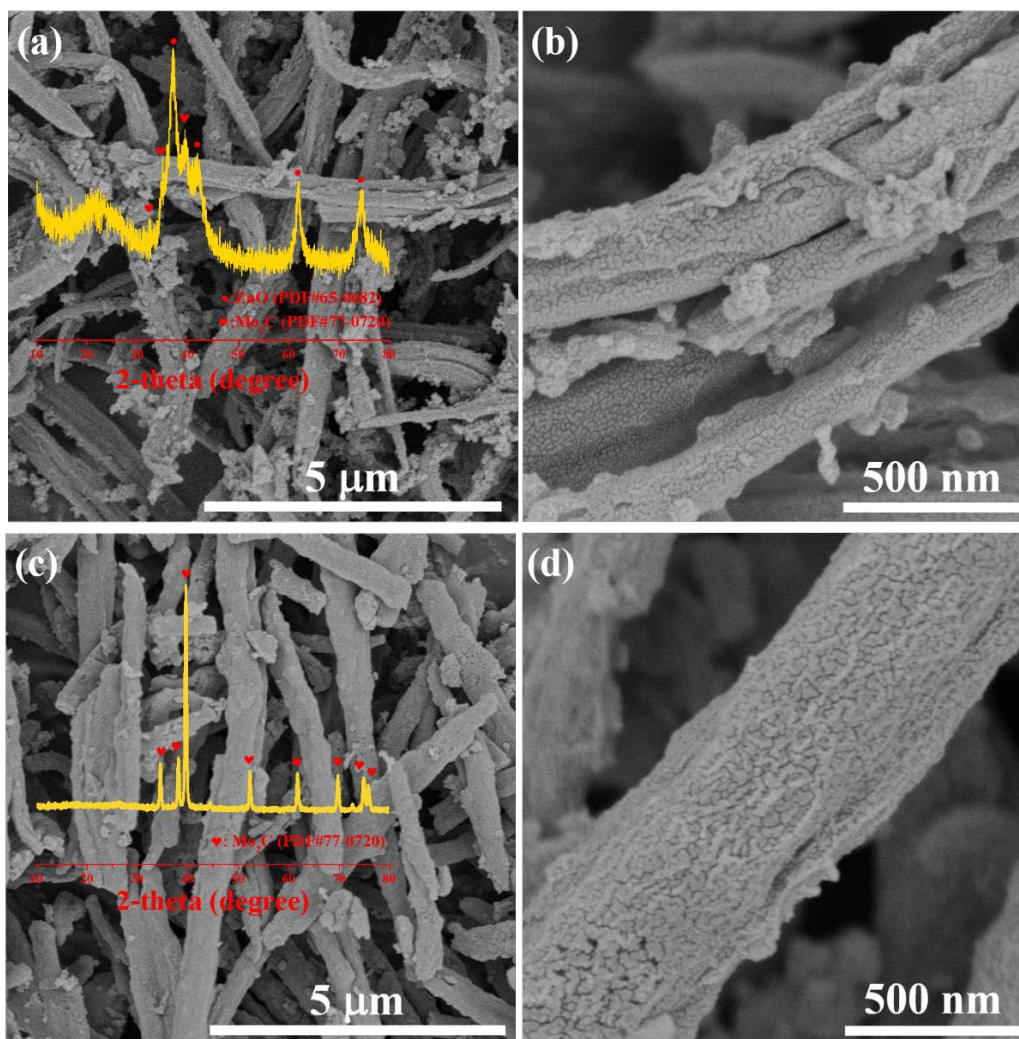


Figure S7. The SEM images of MZRs-850 (a-b) and MZCRs-850 (c-d) (inset displaying the XRD images of the sample).

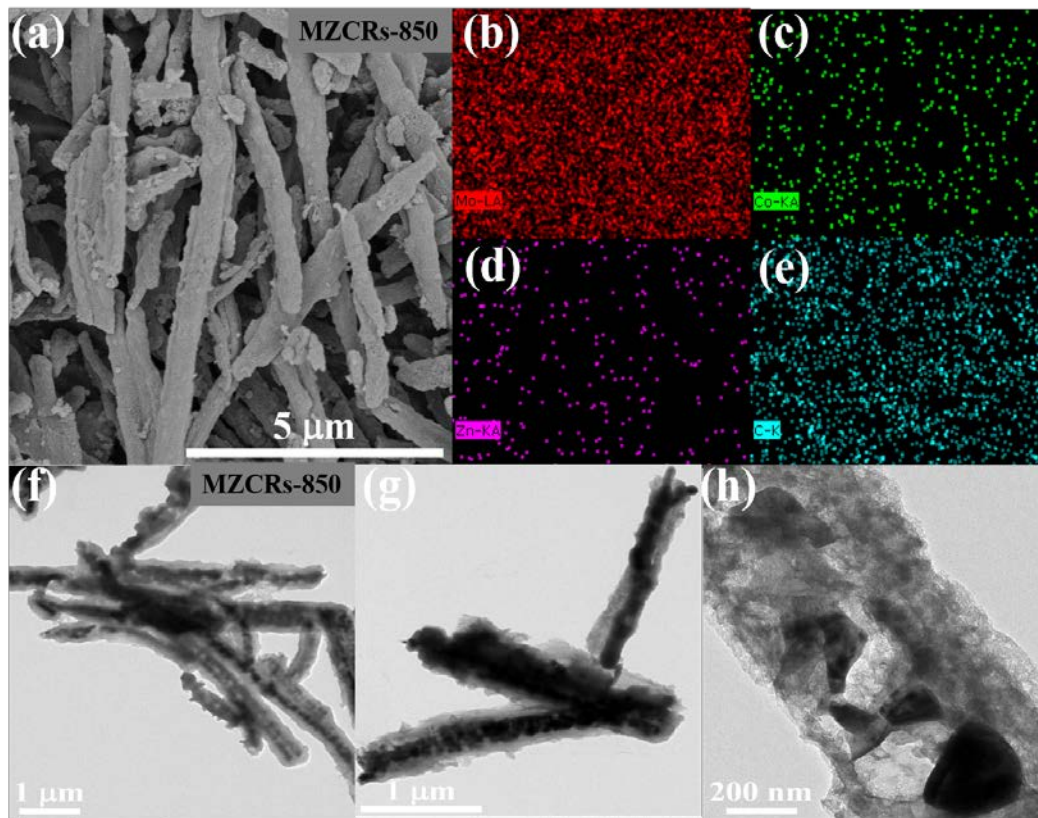


Figure S8. (a-e) SEM mapping images and (f-h) TEM images of MZCRs-850.

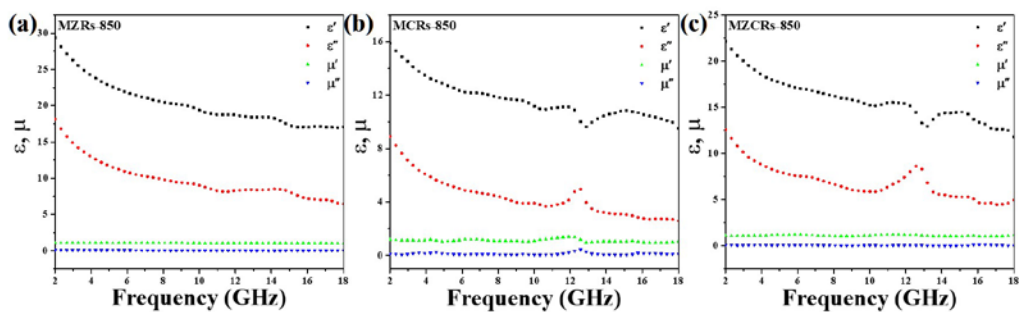


Figure S9. The electromagnetic parameters of MZRs-850 (a), MCRs-850 (b) and MZCRs-850 (c).

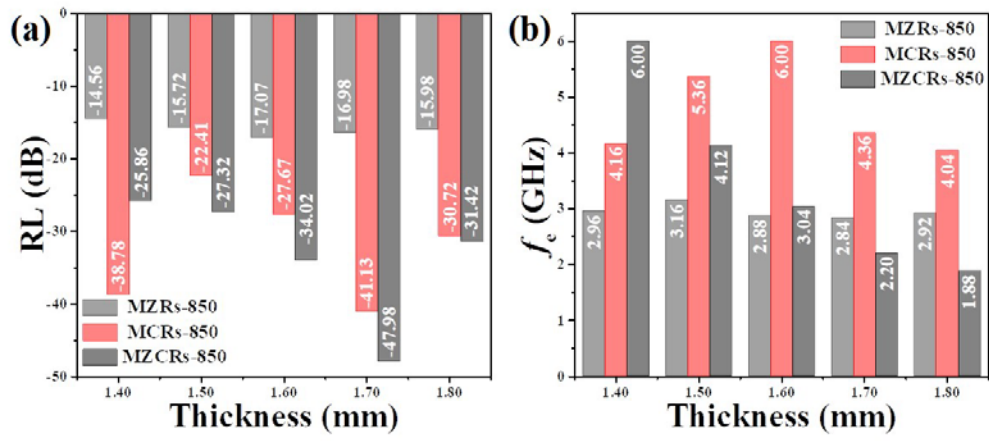


Figure S10. The calculated RL values of MZRs-850, MCRs-850 and MZCRs-850 with 35% paraffin nanocomposites (a) as well as effective bandwidth (<-10 dB).

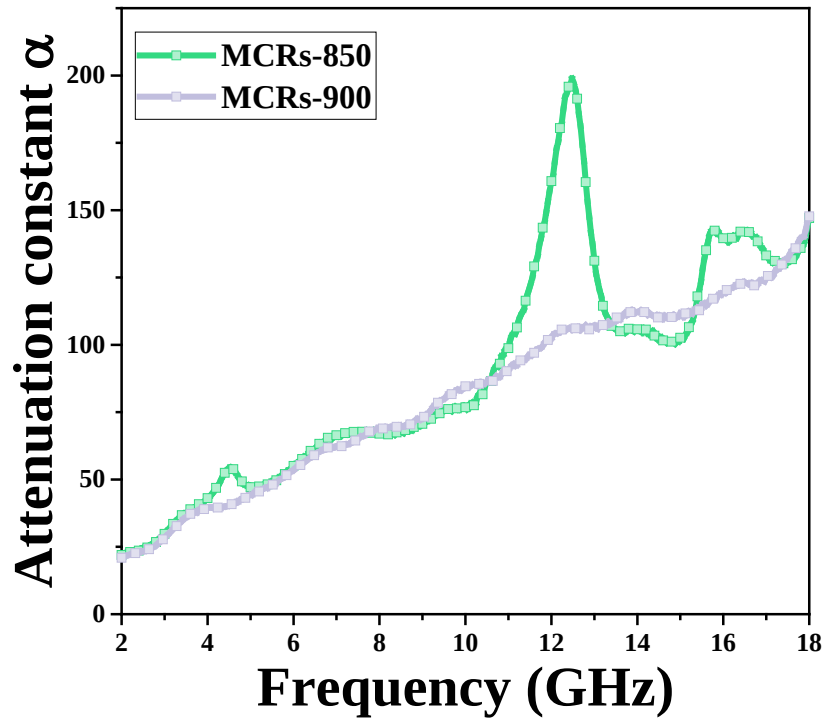


Figure S11. The curves of attenuation constant about MCRs-850 and MCRs-900.