

Abstracts

Complex Permittivity of Conductor-Dielectric Mixtures (Correspondence)

W.S. Rothwell. "Complex Permittivity of Conductor-Dielectric Mixtures (Correspondence)." 1971 Transactions on Microwave Theory and Techniques 19.4 (Apr. 1971 [T-MTT]): 413-415.

Solutions of currently available theories for the permittivity of mixtures are used to show the concentration dependence of real and imaginary parts of the complex permittivity. Results are shown for spherical conducting particles in a pure dielectric host medium and are compared with available experimental data.

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