

Abstracts

Note on the Measurement of Material Properties by the Strip-Line Cavity (Correspondence)

R.A. Waldron and S.P. Maxwell. "Note on the Measurement of Material Properties by the Strip-Line Cavity (Correspondence)." 1965 Transactions on Microwave Theory and Techniques 13.5 (Sep. 1965 [T-MTT]): 711-711.

It has been found that when making measurements of the properties of materials with a strip-line cavity, results are obtained which are consistently lower than expected. The error is the more serious, the higher the value of the dielectric constant or permeability, as the case may be, of the sample.

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