

Abstracts

On the Calculation of Conductor Loss on Planar Transmission Lines Assuming Zero Strip Thickness (Short Papers)

P. Heitkamper and W. Heinrich. "On the Calculation of Conductor Loss on Planar Transmission Lines Assuming Zero Strip Thickness (Short Papers)." 1991 Transactions on Microwave Theory and Techniques 39.3 (Mar. 1991 [T-MTT]): 586-588.

The incompatibility of the zero-strip-thickness assumption with conductor loss calculation based on the common perturbation approach is addressed. Numerical results are shown that demonstrate the unbounded behaviour of the attenuation constant in this case. This observation is of specific interest because it applies to various data on loss given in the literature.

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