

Abstracts

Determination of Conductor Losses in Planar Waveguide Structures (A Comment to Some Published Results for Microstrips and Microslots) (Letters)

R. Pregla. "Determination of Conductor Losses in Planar Waveguide Structures (A Comment to Some Published Results for Microstrips and Microslots) (Letters)." 1980 Transactions on Microwave Theory and Techniques 28.4 (Apr. 1980 [T-MTT]): 433-434.

Waveguide conductor losses are mostly determined from the fields in the lossless case. In planar waveguide structures with sharp edges special care has to be taken, because then the fields can be quite different from those in the lossless case. This paper will explain why the calculated results are poor in some cases.

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