

Abstracts

A More Accurate Model of the TE₁₀ Type Waveguide Mode in Suspended Substrate (Short Papers)

S.B. Cohn and G.D. Osterhues. "A More Accurate Model of the TE₁₀ Type Waveguide Mode in Suspended Substrate (Short Papers)." 1982 Transactions on Microwave Theory and Techniques 30.3 (Mar. 1982 [T-MTT]): 293-294.

An analytical model of the suspended substrate transmission line which includes the grooves used to support the substrate is presented. The model predicts a lower cutoff frequency of the TE₁₀ type waveguide mode than that without the grooves. The analysis is confirmed by experiments.

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