

Criterion of Leakage from Printed Circuit Transmission Lines (Comments)

R. Marques, F. Mesa and N.K. Das. "Criterion of Leakage from Printed Circuit Transmission Lines (Comments)." 1995 Transactions on Microwave Theory and Techniques 43.1 (Jan. 1995 [T-MTT]): 242-243.

Leakage of power in printed transmission lines can be due to the excitation of both volume and surface waves. Depending on the frequency of operation several surface waves can be excited in the background waveguide, contributing to the transversal leakage of power. A crucial point in the analysis is to determine how many of these surface modes contribute to the leakage.

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