

Abstracts

New Interesting Leakage Behavior on Coplanar Waveguides of Finite and Infinite Widths (1991 Vol. II [MWSYM])

M. Tsuji, H. Shigesawa and A.A. Oliner. "New Interesting Leakage Behavior on Coplanar Waveguides of Finite and Infinite Widths (1991 Vol. II [MWSYM])." 1991 MTT-S International Microwave Symposium Digest 91.2 (1991 Vol. II [MWSYM]): 563-566.

Last year we showed that coplanar waveguide leaks power in the form of a surface wave above some critical frequency, and that this leakage can cause undesirable cross talk and package effects. Further studies now reveal several new interesting behavioral features, including unexpected sharp minima and dimensional dependence.

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