Abstracts

A WH/GSMT Based Full-Wave Analysis of the Power Leakage from Conductor-Backed Coplanar Waveguides

L.-M. Chou, R.G. Rojas and P.H. Pathak. "A WH/GSMT Based Full-Wave Analysis of the Power Leakage from Conductor-Backed Coplanar Waveguides." 1992 MTT-S International Microwave Symposium Digest 92.1 (1992 Vol. I [MWSYM]): 219-222.

A full-wave analysis using the Wiener-Hopf procedure and the generalized scattering matrix technique (WH/GSMT) is applied to study the EM field propagation of conductor-backed coplanar waveguides. The power leakage from the dominant mode and the effect of finite extent lateral ground planes will be emphasized.

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