

Abstracts

A New Method for Discontinuity Analysis in Shielded Microstrip

L.P. Dunleavy and P.B. Katehi. "A New Method for Discontinuity Analysis in Shielded Microstrip." 1988 MTT-S International Microwave Symposium Digest 88.2 (1988 Vol. II [MWSYM]): 701-704.

A new integral equation method is described for the accurate full-wave analysis of shielded microstrip discontinuities. The integral equation is derived by an application of reciprocity theorem, then solved by the method of moments. Numerical and experimental results are presented for open-end and series gap discontinuities, and a coupled line filter.

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