

Abstracts

Full-Wave Theory Based Development of mm-Wave Circuit Models for Microstrip Open End, Gap, Step, Bend and Tee

R.H. Jansen and L. Wiemer. "Full-Wave Theory Based Development of mm-Wave Circuit Models for Microstrip Open End, Gap, Step, Bend and Tee." 1989 MTT-S International Microwave Symposium Digest 89.2 (1989 Vol. II [MWSYM]): 779-782.

Millimeter-wave discontinuity circuit models have been developed on the base of systematic full-wave data generated by a rigorous numerical approach. The applied physics - related and topology - sensitive modeling concept is new and extends previous quasi-static descriptions into dynamic ones including parasitic wave coupling and package resonances.

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