Abstracts

Analysis of Radiating End Effects of Symmetric and Asymmetric Coplanar Waveguide Using Integral Equations Technique

M. Drissi, V.F. Hanna and J. Citerne. "Analysis of Radiating End Effects of Symmetric and Asymmetric Coplanar Waveguide Using Integral Equations Technique." 1989 MTT-S International Microwave Symposium Digest 89.2 (1989 Vol. II [MWSYM]): 791-794.

An integral equation technique solved by the moment method associated with the single one-port model is used to analyse radiating end effects of symmetric and asymmetric coplanar waveguides (CPW). Theoretical results obtained on a short circuit end of CPW are compared with those obtained experimentally using series-gap-coupled straight CPW resonators.

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