Abstracts

Analysis of Coplanar Waveguide Radiating End Effects Using the Integral Equation Technique

M. Drissi, V.F. Hanna and J. Citerne. "Analysis of Coplanar Waveguide Radiating End Effects Using the Integral Equation Technique." 1991 Transactions on Microwave Theory and Techniques 39.1 (Jan. 1991 [T-MTT]): 112-116.

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

❑ Return to main document.