

Abstracts

Analysis of asymmetric coplanar waveguide with conductor backing

Shao-Jun Fang and Bai-Suo Wang. "Analysis of asymmetric coplanar waveguide with conductor backing." 1999 Transactions on Microwave Theory and Techniques 47.2 (Feb. 1999 [T-MTT]): 238-240.

This paper presents an analysis of the asymmetric conductor-backed coplanar waveguide by means of conformal mapping techniques. The effective permittivity, characteristic impedance, and electric-field strength are given. The field patterns are also plotted.

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