

Abstracts

Quasi-Static Characteristics of Coplanar Waveguide on a Sapphire Substrate with its Optical Axis Inclined (Short Papers)

T. Kitazawa and Y. Hayashi. "Quasi-Static Characteristics of Coplanar Waveguide on a Sapphire Substrate with its Optical Axis Inclined (Short Papers)." 1982 Transactions on Microwave Theory and Techniques 30.6 (Jun. 1982 [T-MTT]): 920-922.

A variational expression is presented for the line capacitance of a coplanar waveguide on a single-crystal sapphire substrate with a tilted optical axis. Numerical results are obtained by means of the Ritz procedure.

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