

Abstracts

Short End Effect of Ridge Guide with Planar Circuit Mounted in a Waveguide

Y. Konishi and H. Matsumura. "Short End Effect of Ridge Guide with Planar Circuit Mounted in a Waveguide." 1979 Transactions on Microwave Theory and Techniques 27.2 (Feb. 1979 [T-MTT]): 168-170.

The end effect of the short end ridge guide with planar circuit mounted in a waveguide is theoretically obtained by a variational method. The results were also confirmed by measured values. The resonant frequency of a ridge guide resonator was also obtained by using the above mentioned end effect.

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