

Abstracts

Analysis of Waveguide Modes by Standing-Wave Pattern Measurements

H.B. Dave. "Analysis of Waveguide Modes by Standing-Wave Pattern Measurements." 1962 Transactions on Microwave Theory and Techniques 10.4 (Jul. 1962 [T-MTT]): 274-278.

A method of analyzing a multimode transmission system is described, which is based upon the measurement of mean-square electric field along a line parallel to the waveguide axis. Although the analysis given is for a rectangular waveguide, the method has the advantage that it can readily be adapted to all types of transmission structures.

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