

Abstracts

Wide-Band Characteristics of a Coaxial-Cavity Solid-State Device Mount (Short Papers)

P.H. Alexander and P.J. Khan. "Wide-Band Characteristics of a Coaxial-Cavity Solid-State Device Mount (Short Papers)." 1975 Transactions on Microwave Theory and Techniques 23.10 (Oct. 1975 [T-MTT]): 831-833.

An experimental comparison is made between two theoretical approaches to evaluation of the driving-point impedance at the terminals of a gap in the center conductor of a coaxial cavity. The study shows that for wide-band characterization, radial-wave modal-field analysis provides greater accuracy than the conventional transmission-line approach.

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