

Abstracts

A New Instrument for the Measurement of Resonant Field Distributions in Microwave Housings and Packages

D.W. Griffin. "A New Instrument for the Measurement of Resonant Field Distributions in Microwave Housings and Packages." 1990 MTT-S International Microwave Symposium Digest 90.1 (1990 Vol. 1 [MWSYM]): 621-624.

A special purpose two-dimensional standing wave detector for measuring resonant electric field distributions at the flat lid on microwave housings and packages is described and its use as a diagnostic and design development tool for module housings is demonstrated. Empirical and analytical relationships between measurables and the electric field are presented.

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