

Abstracts

Microwave-Induced Arcing in Filters

S.L. Kaplan, A.A. Cuneo and R.V. Garver. "Microwave-Induced Arcing in Filters." 1988 MTT-S International Microwave Symposium Digest 88.2 (1988 Vol. II [MWSYM]): 811-814.

In a study of the high-power response (particularly arcing) of microwave/RF filters to microwave energy, experiments were performed with a network analyzer and with two 1-MW pulsed sources (S- and X-band). Computer modeling was used to obtain wideband information for parallel coupled-stripline filters during breakdown.

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