

Abstracts

Analysis of Probe-Fed Cavities of Arbitrary Shape

N. Wang and G.A. Thiele. "Analysis of Probe-Fed Cavities of Arbitrary Shape." 1973 G-MTT International Microwave Symposium Digest of Technical Papers 73.1 (1973 [MWSYM]): 290-292.

A method for calculating the probe impedance and fields in a cavity of arbitrary shape, either with or without slots in the walls, is given. Using the classical probe-fed rectangular cavity as a test case, experimentally confirmed theoretical curves for the probe impedance and interior fields are given.

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