

# Abstracts

## A General Approach to the Resonance Measurement of Asymmetric Microstrip Discontinuities

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V. Rizzoli. "A General Approach to the Resonance Measurement of Asymmetric Microstrip Discontinuities." 1980 MTT-S International Microwave Symposium Digest 80.1 (1980 [MWSYM]): 422-424.

The paper describes an experimental procedure suitable for broadband characterization of two-port microstrip discontinuities. The resonance frequencies of a cavity embedding the discontinuity under test and of a suitable set of reference resonators are measured and computer processed to obtain the scattering parameters of the discontinuity itself. The method features extreme ease of application thanks to the limited number and simple topology of the required test circuits, as well as highly accurate and repeatable results.

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