

Abstracts

Microwave Measurements with Active Systems

R.C. Ajmera, D.B. Batchelor and H. Lashinsky. "Microwave Measurements with Active Systems." 1972 G-MTT International Microwave Symposium Digest of Technical Papers 72.1 (1972 [MWSYM]): 33-35.

A new system for microwave dielectric measurements is described. The system with sample comprises a microwave oscillator whose frequency and amplitude provide the desired information. Preliminary results pertaining to sensitivity, dynamic range and time resolution are presented.

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