

Abstracts

A Novel Approach to the Design of a High Power Automatic Impedance Measuring Scheme

C.-L.J. Hu. "A Novel Approach to the Design of a High Power Automatic Impedance Measuring Scheme." 1980 MTT-S International Microwave Symposium Digest 80.1 (1980 [MWSYM]): 90-92.

This paper reports a novel design of a swept-frequency, swept-power, microwave automatic impedance measuring scheme using multiple probes and low-frequency signal processors. It can be used, for example, in FM radar or microwave-communication-system monitoring and nonlinear, swept-frequency, real-time $|\bar{z}|$ -measurements.

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