

Abstracts

A Six-Port Automatic Network Analyzer (1977 [MWSYM])

H.M. Cronson and L. Susman. "A Six-Port Automatic Network Analyzer (1977 [MWSYM])."
1977 MTT-S International Microwave Symposium Digest 77.1 (1977 [MWSYM]): 50-52.

This paper describes a programmable calculator-controlled six-port system designed to measure S₂₁, and S₁₁, over a wide microwave frequency range without disturbing the device under test. Measurements taken from 7 to 12 GHz show that results within 1% can be obtained.

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