

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 S_{21} , and S_{11} , 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.

 [Return to main document.](#)