

# Abstracts

## A Dual Six-Port Automatic Network Analyzer and its Performance (Short Papers)

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*N.S. Chung, J.H. Kim and J. Shin. "A Dual Six-Port Automatic Network Analyzer and its Performance (Short Papers)." 1984 Transactions on Microwave Theory and Techniques 32.12 (Dec. 1984 [T-MTT] (1984 Symposium Issue)): 1683-1686.*

A computer-controlled six-port automatic network analyzer (ANA) capable of measuring complex reflection coefficients of one-port devices, effective efficiencies of power sensors, and S-parameters of two-port devices over 2-18 GHz is described. System calibration based on the TRL technique is discussed and performance tests on measuring effective efficiencies, reflection coefficients, and S-parameters are summarized.

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