

# Abstracts

## An Application of the Six-Port Reflectometer to Precision Measurement of Microwave One-Port Parameters

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*E.L. Komarek. "An Application of the Six-Port Reflectometer to Precision Measurement of Microwave One-Port Parameters." 1977 MTT-S International Microwave Symposium Digest 77.1 (1977 [MWSYM]): 56-57.*

The arbitrary six-port junction concept has been applied to an automated broadband system in the 1-18 GHz frequency range for the measurement of microwave power and reflection coefficient. Performance evaluation results show an improvement in precision over other automated and manually operated measurement systems used at the National Bureau of Standards.

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