

Abstracts

Testing Microwave Transmission Lines

A.R. Howland. "Testing Microwave Transmission Lines." 1974 S-MTT International Microwave Symposium Digest of Technical Papers 74. 1 (1974 [MWSYM]): 258-260.

Direct RF measurement techniques are discussed in terms of their application to testing of long microwave transmission lines such as those used in heavily loaded microwave relay systems or high power radar systems. The return loss profile, a measure of transmission line quality, is introduced. Test results presented include data obtained by means of measurement techniques which permit inservice determination of the transmission line operating characteristics.

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