

Abstracts

A Simplified Calibration of Two-Port Transmission Line Devices

F.L. Wentworth and D.R. Barthel. "A Simplified Calibration of Two-Port Transmission Line Devices." 1956 Transactions on Microwave Theory and Techniques 4.3 (Jul. 1956 [T-MTT]): 173-175.

During the evaluation measurements of several two-port junction devices over a wide band of frequencies the authors found that the method of shorts as described in three previous papers was too laborious to be practical. By reinterpreting and combining the ideas of earlier authors, a valuable simplification was obtained. Since this paper is based upon the previous articles, no fundamental proofs will be given except to show the necessary extensions involved.

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