

Abstracts

Network Analyzer Calibration Using Offset Shorts (Short Papers)

G.J. Scalzi, A.J. Slobodnik, Jr. and G.A. Roberts. "Network Analyzer Calibration Using Offset Shorts (Short Papers)." 1988 Transactions on Microwave Theory and Techniques 36.6 (Jun. 1988 [T-MTT]): 1097-1100.

Microwave network analyzer accuracy enhancement by offset shorts is investigated. Usable calibration bandwidth and accuracy limitations are determined by applying a previously published model to the case of a reference short and two offset shorts. Data necessary to emulate the HP 8510 are derived and used in the model to provide realistic projections. A technique is presented for precise characterization of offset short standards.

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