

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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