

Abstracts

A Simple Broad-Band Device De-Embedding Method Using an Automatic Network Analyzer with Time-Domain Option

G. Gronau and I. Wolff. "A Simple Broad-Band Device De-Embedding Method Using an Automatic Network Analyzer with Time-Domain Option." 1989 Transactions on Microwave Theory and Techniques 37.3 (Mar. 1989 [T-MTT]): 479-483.

A simple method for de-embedding S parameters of devices in microstrip is presented. The use of only one transmission line and two nonideal shorts or opens different in length as calibration standards allows the determination of the unknown S parameters of the connectors and the complex propagation coefficient of the lines.

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