

Abstracts

An Alternative Explicit Six-Port Matrix Calibration Formalism Using Five Standards

F.M. Ghannouchi and R.G. Bosisio. "An Alternative Explicit Six-Port Matrix Calibration Formalism Using Five Standards." 1988 Transactions on Microwave Theory and Techniques 36.3 (Mar. 1988 [T-MTT]): 494-498.

A new explicit six-port calibration method using five standards based on matrix formalism is developed. The new method has a number of advantages: There is no limitation on the measurements and in the six-port design to include a specific reference port for setting the power level during calibration and testing. The computation method is an explicit one and there is no need to use iterative procedures.

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