

Abstracts

On the Measurement of Noise Parameters of Microwave Two-Ports (Short Papers)

M.W. Pospieszalski. "On the Measurement of Noise Parameters of Microwave Two-Ports (Short Papers)." 1986 Transactions on Microwave Theory and Techniques 34.4 (Apr. 1986 [T-MTT]): 456-458.

A novel procedure for determining the noise parameters of microwave two-ports is introduced. In this procedure, the computations necessary to find the noise parameters from the set of measurements of noise temperature (noise figure) are greatly simplified. The assessment of accuracy with which the noise parameters can be determined from a given set of measurement data is straightforward.

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