

Abstracts

A Method for Measuring Magnitude and Phase of Harmonics Generated in Nonlinear Microwave Two-Ports

U. Lott. "A Method for Measuring Magnitude and Phase of Harmonics Generated in Nonlinear Microwave Two-Ports." 1988 MTT-S International Microwave Symposium Digest 88.1 (1988 Vol. 1 [MWSYM]): 225-228.

A new method for simultaneously measuring magnitude and phase of the harmonics generated by a microwave two-port is described. The measurement system has a dynamic range superior to time-domain measurements due to its reduced noise bandwidth. Sample measurements on a GaAs MESFET under large-signal operation are presented.

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