

Abstracts

A Method for Measurement of Losses in the Noise-Matching Microwave Network While Measuring Transistor Noise Parameters (Short Papers)

G. Martines and M. Sannino. "A Method for Measurement of Losses in the Noise-Matching Microwave Network While Measuring Transistor Noise Parameters (Short Papers)." 1987 Transactions on Microwave Theory and Techniques 35.1 (Jan. 1987 [T-MTT]): 71-75.

A new method for measuring the loss of a tuner network used as the noise-source admittance transformer in a noise parameter test set is presented. Since the method is based on noise figure measurements, the tuner losses are determined on-line while performing measurements for determining transistor noise parameters. Experiments carried out on a coaxial slide-screw tuner by means of a computer-assisted measurement setup are reported.

 [Return to main document.](#)