

Abstracts

A Computer Controlled Noise Parameter Measurement System

B. Albinsson, H. Guo, M. Schoon and H.-O. Vickes. "A Computer Controlled Noise Parameter Measurement System." 1991 MTT-S International Microwave Symposium Digest 91.3 (1991 Vol. III [MWSYM]): 1031-1034.

A novel, computer controlled, noise parameter measurement system utilizing a new programmable load, is presented. Both signal and noise measurements are possible using only two transfer switches. A thorough mathematical treatment and accuracy calculations are presented. The performance of the system is verified by measurements (4-8GHz).

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