

Abstracts

A Method for Computing the Noise Figure in Matrix Distributed Amplifier

S. D'Agostino, G. D'Inzeo, P. Marietti and G. Panariello. "A Method for Computing the Noise Figure in Matrix Distributed Amplifier." 1990 MTT-S International Microwave Symposium Digest 90.1 (1990 Vol. I [MWSYM]): 351-354.

A method for the evaluation of the noise figure in matrix amplifiers has been developed. The amplifier noise figure is derived as a function of the noise characteristics of the active devices and circuit parameters. A simple expression in closed form is obtained. The results of the model are in good agreement with experimental data.

[Return to main document.](#)