

Abstracts

A Comparison Between Actively and Passively Matched S-Band GaAs Monolithic FET Amplifiers

R.S. Pengelly, J.R. Suffolk, J.R. Cockrill and J.A. Turner. "A Comparison Between Actively and Passively Matched S-Band GaAs Monolithic FET Amplifiers." 1981 MTT-S International Microwave Symposium Digest 81.1 (1981 [MWSYM]): 367-369.

The ability to design monolithic GaAs circuits which are insensitive to active and passive component variations is demonstrated. Actively and passively matched monolithic S-band amplifiers are compared in terms of reproducibility, GaAs usage, power consumption and processing complexity.

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