

Abstracts

Performance of a 2-18 GHz Ultra Low-Noise Amplifier Module

K.B. Niclas and R.R. Pereira. "Performance of a 2-18 GHz Ultra Low-Noise Amplifier Module." 1989 MTT-S International Microwave Symposium Digest 89.3 (1989 Vol. III [MWSYM]): 841-844.

The performance of two-tier matrix amplifiers optimized for best noise figure across the 2-18 GHz band will be discussed. An average noise figure of $NF = 2.95$ dB with an associated average gain of $G = 19.2$ dB has been measured in a single-stage module using MESFET's.

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