

Reflective Match, Lossy Match, Feedback and Distributed Amplifiers: A Comparison of Multi-Octave Performance Characteristics

K.B. Niclas. "Reflective Match, Lossy Match, Feedback and Distributed Amplifiers: A Comparison of Multi-Octave Performance Characteristics." 1984 MTT-S International Microwave Symposium Digest 84.1 (1984 [MWSYM]): 215-217.

The performance of multi-stage single-ended GaAs MESFET amplifiers are compared when employing one and the same transistor type. Supporting experimental results include those of a 3-17.5 GHz reflective match module, a two-stage 2-18 GHz feedback amplifier, a two-stage 2-20 GHz, as well as a four-stage 2-18 GHz distributed amplifier.

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