

Abstracts

A GaAs Monolithic True Logarithmic Amplifier for 0.5 to 4 GHz Applications

M.A. Smith. "A GaAs Monolithic True Logarithmic Amplifier for 0.5 to 4 GHz Applications." 1988 Microwave and Millimeter-Wave Monolithic Circuits Symposium Digest 88.1 (1988 [MCS]): 37-40.

A GaAs monolithic dual-gain amplifier stage for 0.5 to 4 GHz logarithmic amplifier applications has been developed and tested. A cascade of six of these stages has resulted in a true logarithmic amplifier with 70 dB dynamic range, operational across this band.

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