

Abstracts

100 MHz to 17 GHz Dual-Gate Variable-Gain Amplifier (Short Papers)

N. Mamodaly, P. Quentin, P. Dueme and J. Ogregon. "100 MHz to 17 GHz Dual-Gate Variable-Gain Amplifier (Short Papers)." 1982 Transactions on Microwave Theory and Techniques 30.6 (Jun. 1982 [T-MTT]): 918-919.

A simple analytical approach to wide-band amplification using commercially available dual-gate FET's has enabled an ultra-wide-band flat-gain amplifier to be built in the 100-MHz to 17-GHz bandwidth with a VSWR less than 3.5- and 15-dB gain control. A description is given, including first experimental results.

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