

# Abstracts

## Design of Broad-Band GaAs FET Power Amplifiers

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*C. Rauscher and H.A. Willing. "Design of Broad-Band GaAs FET Power Amplifiers." 1980 Transactions on Microwave Theory and Techniques 28.10 (Oct. 1980 [T-MTT]): 1054-1059.*

A direct systematic approach to designing broad-band GaAs FET power amplifiers for optimum large-signal gain performance is described. Assets of this approach include its accuracy in predicting large-signal amplifier performance and its basic simplicity. The implementation of the technique is facilitated by having to measure large-signal device behavior at only one single frequency. The practicability of the method is demonstrated through comparisons between measured and predicted results.

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