

# Abstracts

## Design Technique for High Power, High Efficiency, Broadband Distributed Amplifiers

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*J.B. Cole and A. Platzker. "Design Technique for High Power, High Efficiency, Broadband Distributed Amplifiers." 1989 MTT-S International Microwave Symposium Digest 89.3 (1989 Vol. III [MWSYM]): 941-944.*

Distributed amplifiers, while having uniform gain over a broad frequency range, typically have nonuniform power performance. The Computer Aided Design technique described here was applied to an MMIC distributed power amplifier design with the result that improved efficiency (10-13%) and constant output power (> 25 dBm) was achieved over the 6-18 GHz band, while the conventionally designed circuits show 4-6 dB power degradation.

[Return to main document.](#)