

# Abstracts

## A New, Specifically Monolithic Approach to Microwave Power Amplifiers

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*D. Pavlidis, Y. Archambault, N. Efthimerou, D. Kaminsky, A. Bert and J. Magarshack. "A New, Specifically Monolithic Approach to Microwave Power Amplifiers." 1983 Microwave and Millimeter-Wave Monolithic Circuits Symposium Digest 83.1 (1983 [MCSJ]): 54-58.*

A new principle was used to build a GaAs MMIC. X-band Power Amplifier based on a modular tree design where the number of modules increase at each amplifying stage. First experimental data show 10 dB gain at the centre of the operation band (8 - 9 GHz).

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