

# Abstracts

## Monolithic High-Voltage FET Power Amplifiers

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*K.E. Peterson, H.-L. Hung, F.R. Phelleps, T.F. Noble and H.C. Huang. "Monolithic High-Voltage FET Power Amplifiers." 1989 MTT-S International Microwave Symposium Digest 89.3 (1989 Vol. III [MWSYM]): 945-948.*

High-voltage field-effect transistor (HVFET) power amplifiers offer improved system efficiency through reduced DC power distribution loss and more efficient DC power conditioning. Results are presented for the first such monolithic microwave integrated circuit (MMIC) amplifiers and four-cell amplifiers at X-band. Drain bias voltages up to 40 V with such amplifiers have been achieved.

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