

# Abstracts

## Low Voltage GaAs Power Amplifiers for Personal Communications at 1.9GHz

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*D. Ngo, B. Beckwith, P. O'Neil and N. Camilleri. "Low Voltage GaAs Power Amplifiers for Personal Communications at 1.9GHz." 1993 MTT-S International Microwave Symposium Digest 93.3 (1993 Vol. III [MWSYM]): 1461-1464.*

Personal communication systems operating at 1.9 GHz require high efficiency power amplifiers (PAs) operating at 3V or below. This paper summarizes the results of GaAs PAs constructed in a module and an MMIC format. These PAs operate at 3V with 30dB gain, 28dBm output power and 50% efficiency.

 [Return to main document.](#)