

# Abstracts

## High-Efficiency Broadband Power Transistors for S-Band Applications

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*J.E. Chapman, Jr.. "High-Efficiency Broadband Power Transistors for S-Band Applications." 1974 S-MTT International Microwave Symposium Digest of Technical Papers 74.1 (1974 [MWSYM]): 354-356.*

A 50-ohm microwave power transistor has been developed for high-efficiency broadband applications at lower S-Band frequencies. The device is capable of providing 10 watts of output power with 9 dB gain and greater than 0.50 collector efficiency in a 50-ohm system.

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