

Abstracts

A Comprehensive Characterization of FET Power Amplifier Modules

C. Wong and J. Bender. "A Comprehensive Characterization of FET Power Amplifier Modules." 1980 MTT-S International Microwave Symposium Digest 80.1 (1980 [MWSYM]): 493-495.

This paper reports on an investigation of the pertinent parameters of X-band GaAs FET power amplifier modules operating in both CW and pulse mode. Power compression, efficiency, AM/PM, bias sensitivities, output VSWR, AM and FM noise, IMD, harmonics, temperature, pulsedwidth, duty cycle, intrapulse and interpulse data are presented.

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