

Abstracts

A 5-Watt C-Band FET Amplifier

W.C. Tsai. "A 5-Watt C-Band FET Amplifier." 1978 MTT-S International Microwave Symposium Digest 78.1 (1978 [MWSYM]): 285-287.

A GaAs FET amplifier was developed for 5 watts of power output in the 4.4-5.0 GHz band. The amplifier consists of a 1 watt driver module and a 5 watt power booster amplifier containing four FETs in parallel. The six-stage amplifier had a small signal gain of 56 dB, and efficiency of 20%.

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