

Abstracts

A 1-Watt, 8-17 GHz FET Power Amplifier

T. Dao, W.C. Tsai, R. Healy and B. Liles. "A 1-Watt, 8-17 GHz FET Power Amplifier." 1984 MTT-S International Microwave Symposium Digest 84.1 (1984 [MWSYM]): 218-220.

Design and performance of a compact size 1-Watt, 8-17 GHz, 38 ± 3 dB gain FET amplifier for airborne ECM applications is described. The amplifier with a gain temperature compensation PIN diode stage and a bias regulator is packaged in 1.1 x 0.5 x 3.65 inches hermetically sealed housing.

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