

Abstracts

A 1.5 Watt 9 GHz Silicon Transistor Power Amplifier

H.T. Yuan and Y.S. Wu. "A 1.5 Watt 9 GHz Silicon Transistor Power Amplifier." 1978 MTT-S International Microwave Symposium Digest 78.1 (1978 [MWSYM]): 378-379.

A 9 GHz power amplifier using the newly developed 2 watt X-band silicon power transistor is reported. The amplifier has 1.5 watts saturated output power at 9.0 GHz. The power gain at saturation is 5 dB with 1 dB bandwidth exceeding 600 MHz.

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