

Abstracts

Power Amplification at 55-65 GHz with 18 GHz Gain-Bandwidth Product

J.E. Raue. "Power Amplification at 55-65 GHz with 18 GHz Gain-Bandwidth Product." 1973 G-MTT International Microwave Symposium Digest of Technical Papers 73.1 (1973 [MWSYM]): 60-62.

A high efficiency silicon avalanche diode power amplifier with 100-200 mW output power is described. Typical single stage gain of 20-22 dB with bandwidths exceeding 1 GHz has been achieved in production quantities. Best performance showed an 18 GHz voltage gain-bandwidth product.

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