

Abstracts

Full W-band MMIC medium power amplifier

Y.C. Leong and S. Weinreb. "Full W-band MMIC medium power amplifier." 2000 MTT-S International Microwave Symposium Digest 00.2 (2000 Vol. II [MWSYM]): 951-954.

A full W-band, MMIC amplifier has been tested on-wafer. The chip delivers 25-43 mW with 6.2/spl plusmn/1.2 dB associated large-signal gain across 75-110 GHz when input power is held constant at 8 mW. This is the widest bandwidth MMIC amplifier ever published that delivers at least 25 mW over the entire W-band.

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