

Abstracts

High-efficiency, packaged Ka-band MMIC operating at 24 volts

J. Schellenberg. "High-efficiency, packaged Ka-band MMIC operating at 24 volts." 1998 MTT-S International Microwave Symposium Digest 98.2 (1998 Vol. II [MWSYM]): 577-580.

A power MMIC, employing a unique series bias scheme, is presented operating over the 31 to 33 GHz band. Mounted in a low cost metal-ceramic package and operating at 24 volts, this IC has demonstrated an output power of 0.81 watt with a power-added efficiency of 32%.

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