

Abstracts

A 7 GHz FM Transmitter Utilizing GaAs Power MESFETs

H. Komizo, Y. Arai and T. Saito. "A 7 GHz FM Transmitter Utilizing GaAs Power MESFETs." 1977 MTT-S International Microwave Symposium Digest 77.1 (1977 [MWSYM]): 243-245.

An FM transmitter with a power efficiency of 11.5 % was developed utilizing GaAs power MESFETs for a 7 GHz FM radio-relay equipment. The transmitter, which consists of an FM modulator and power amplifiers, provides an output power of 1 watt and transmitting capability of 960 telephone circuits.

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