

Abstracts

5-GHz 20-Watt GaAs FET Amplifier for MLS

K. Hirai, H. Takamatsu, S. Morikawa and N. Tomita. "5-GHz 20-Watt GaAs FET Amplifier for MLS." 1986 MTT-S International Microwave Symposium Digest 86.1 (1986 [MWSYM]): 447-450.

5-GHz 20-watt GaAs FET amplifier using two state-of-the-art high power FETs in the final stage was developed for MLS applications. GaAs FET limiter with unique input/output characteristics and efficient operation of the final FETs were studied for this purpose. Stabilization of output power within 1dB peak-to-peak by means of open loop control was achieved of PIN diode attenuator.

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