

Abstracts

A 60-GHz LNA Using Commercially Available PM HEMTs for Intersatellite and Mobile Communications

O.-P. Lunden, M. Sipila and M. Jenu. "A 60-GHz LNA Using Commercially Available PM HEMTs for Intersatellite and Mobile Communications." 1994 MTT-S International Microwave Symposium Digest 94.3 (1994 Vol. III [MWSYM]): 1341-1344.

A 60-GHz low noise amplifier using commercially available 0.25- μ m pseudomorphic HEMTs has been developed. The four-stage amplifier has a noise figure of 4.8 dB and a gain of 15.1 dB at 60.2 GHz.

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