

Abstracts

35 GHz Low Noise HEMT Amplifier

J.M. Schellenberg, M.V. Maher, S.K. Wang, K.G. Wang and K.K. Yu. "35 GHz Low Noise HEMT Amplifier." 1987 MTT-S International Microwave Symposium Digest 87.1 (1987 Vol. I [MWSYM]): 441-442.

A low noise HEMT amplifier has been developed for operation at 35 GHz. The three-stage amplifier exhibits a noise figure of 3.1 dB with an associated gain of 17.4 ± 0.4 dB across the 34.25 to 35.75 GHz frequency band.

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