

Abstracts

A Four Stage, 30 dB Gain, 100 mW Gunn Effect Amplifier in Ka-Band

J.G. de Koning, R.E. Goldwasser, R.J. Hamilton, Jr. and F.E. Rosztoczy. "A Four Stage, 30 dB Gain, 100 mW Gunn Effect Amplifier in Ka-Band." 1974 S-MTT International Microwave Symposium Digest of Technical Papers 74.1 (1974 [MWSYM]): 318-319.

Design and performance of a four-stage, 30 dB gain Gunn effect amplifier are described. The frequency response at different input power levels is given, as well as gain variation versus temperature. Saturated output power is 250 mW.

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