

Abstracts

Gunn Effect Wide Band CW Waveguide Amplifier

A. Sene and F.J. Rosenbaum. "Gunn Effect Wide Band CW Waveguide Amplifier." 1971 G-MTT International Microwave Symposium Digest of Technical Papers 71.1 (1971 [MWSYM]): 154-155.

The operation, design and performance of a CW Gunn effect wideband amplifier in an X-band waveguide circuit is described. An equivalent circuit for the amplifier is used to characterize the active device and to predict broadband performance. The results are in good agreement with experiments.

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