

Abstracts

Video Impedance Properties of Pulsed X-Band GaAs IMPATT Diodes

C. Horvitz, R. Laton, L. Olsen and D. Porterfield. "Video Impedance Properties of Pulsed X-Band GaAs IMPATT Diodes." 1983 MTT-S International Microwave Symposium Digest 83.1 (1983 [MWSYM]): 378-380.

A pulsed impedance measurement system was developed to characterize the bias circuit of GaAs IMPATT diodes. Actual bias circuit data was obtained and used analytically to describe the interaction between Impatt diode bias input and modulator impedances.

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