

Abstracts

Noise in Microwave Transmission Applications of Gunn and IMPATT Diodes (Panel Session)

J. Elliott. "Noise in Microwave Transmission Applications of Gunn and IMPATT Diodes (Panel Session)." 1975 MTT-S International Microwave Symposium Digest of Technical Papers 75.1 (1975 [MWSYM]): 304-304.

The Gunn and the IMPATT diode are finding an increasing range of applications in radio communication systems for terrestrial line-of-sight transmission. The receiver local oscillator (with or without automatic frequency control), which came first, was followed by three transmitter applications, namely, the upconverter pump, the power amplifier (stable or injection locked), and the high-linearity, frequency modulated oscillator.

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