

Abstracts

Microstrip Varactor-Tuned Millimeter Wave IMPATT Diode Oscillators (1975 [MWSYM])

E.J. Denlinger, J. Rosen, E. Mykietyn and E.C. McDermott. "Microstrip Varactor-Tuned Millimeter Wave IMPATT Diode Oscillators (1975 [MWSYM])." 1975 MTT-S International Microwave Symposium Digest of Technical Papers 75.1 (1975 [MWSYM]): 266-268.

This paper describes varactor-tuned millimeter wave IMPATT diode oscillators in microstrip form using chip-mounted diodes. A combined tuning range of 26-39.2 GHz with 2-28 mW of rf power was achieved with two oscillators.

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