

Abstracts

High Power W-Band Pulsed IMPATT Oscillators

T.T. Fong, W.R. Lane, H.J. Kuno and N.B. Kramer. "High Power W-Band Pulsed IMPATT Oscillators." 1977 MTT-S International Microwave Symposium Digest 77.1 (1977 [MWSYM]): 20-21.

High peak power oscillators using double-drift IMPATT diodes have been developed in W-band. Peak powers in excess of five watts were consistently achieved, with a highest power of 5.4 watts measured at 94 GHz.

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