

# Abstracts

## W-Band Microstrip Oscillator Using InP Gunn Diode

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D.R. Singh. "W-Band Microstrip Oscillator Using InP Gunn Diode." 1987 MTT-S International Microwave Symposium Digest 87.2 (1987 Vol. II [MWSYM]): 981-982.

A low cost, light weight, rugged microstrip oscillator with a very simple structure has been developed in W-Band (34 GHz). The active element is an InP Gunn device operating in its fundamental mode of oscillation. The oscillator provides 35 mW of CW output power and a bias tuning bandwidth of 400 MHz.

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