

Abstracts

Advances in Printed Millimeter-Wave Oscillator Circuits

L.D. Cohen. "Advances in Printed Millimeter-Wave Oscillator Circuits." 1980 MTT-S International Microwave Symposium Digest 80.1 (1980 [MWSYM]): 264-266.

Millimeter-wave Gunn oscillators and VCO's which use a printed fin-line oscillator circuit in the 55 to 100 GHz range are described. Demonstrated technological advances include the use of printed oscillator circuits to 100 GHz, wideband mechanical tunability (to 8 GHz), and varactor tuning.

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