

Abstracts

High-Power 1-GHz Coplanar Gunn-Effect Oscillators (Correspondence)

L.E. Norton, R.E. Enstrom and I.J. Hegyi. "High-Power 1-GHz Coplanar Gunn-Effect Oscillators (Correspondence)." 1968 Transactions on Microwave Theory and Techniques 16.7 (Jul. 1968 [T-MTT] (Special Issue on Microwave Integrated Circuits)): 480-481.

High peak pulsed output power (up to 100 watts), co-planar, L-band (1 GHz), epitaxial-layer Gunn oscillators are described. Particular emphasis has been given to minimizing surface damage and to effective heat dissipation. These high-power oscillators have been used in both coaxial and stripline circuits. The latter are adaptable to integrated circuitry.

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