

Abstracts

A Technique for the Design of Microwave Transistor Oscillators (Short Papers)

K.L. Kotzebue. "A Technique for the Design of Microwave Transistor Oscillators (Short Papers)." 1984 Transactions on Microwave Theory and Techniques 32.7 (Jul. 1984 [T-MTT]): 719-721.

A technique for the design of microwave transistor oscillators is presented in which measurements made on an experimentally optimized amplifier are used to calculate six basis oscillator circuits which yield maximum power output. The procedure has been experimentally verified by the construction of a silicon bipolar transistor test oscillator at 1 GHz.

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