

Abstracts

FM Noise in Multiple-Device Oscillators (Short Papers)

S. Sarkar and O.S. Gupta. "FM Noise in Multiple-Device Oscillators (Short Papers)." 1987 *Transactions on Microwave Theory and Techniques* 35.5 (May 1987 [T-MTT]): 533-535.

The FM noise in a multiple-device oscillator is analyzed. It is shown that FM noise depends on the circuit parameters and the number N of the constituent devices. For a circuit-dependent critical value of N , FM noise is maximum and it is proportional to $N^{-1/2}$ when N is very large.

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