

Abstracts

Precise Frequency and Phase Control of LSA Oscillators (Short Papers)

W.L. Wilson, Jr.. "Precise Frequency and Phase Control of LSA Oscillators (Short Papers)." 1973 Transactions on Microwave Theory and Techniques 21.3 (Mar. 1973 [T-MTT]): 146-149.

It is shown that consideration of both the external microwave circuit and the dc bias applied to the diode are necessary in order to obtain satisfactory locking results with an LSA oscillator. When both are properly arranged, good control of both the operating frequency and the phase of an LSA oscillator at 3 GHz is demonstrated.

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