

Abstracts

Direct Measurement of the Nonlinear M.I.C. Oscillator Characteristics Using Injection Locking Polar Diagram

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Direct measurement of principal characteristics of a negative resistance nonlinear M.I.C. Oscillater using a network analyser is presented. Theoretical considerations and experimental results are shown for the injection locking polar diagram obtained by placing the oscillator directly at the unknown port without the use of a circulator.

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