Abstracts

A Highly Stabilized GaAs FET Oscillator Using a Dielectric Resonator Feedback Circuit in 9-14 GHz (1980 [MWSYM])

T. Mori, O. Ishihara, M. Nakatani and T. Ishii. "A Highly Stabilized GaAs FET Oscillator Using a Dielectric Resonator Feedback Circuit in 9-14 GHz (1980 [MWSYM])." 1980 MTT-S International Microwave Symposium Digest 80.1 (1980 [MWSYM]): 376-378.

A new type of highly stabilized GaAs FET oscillator using a dielectric resonator and a stabilization resistor in the feedback circuit has been developed in 9-14 GHz. A small sized MIC oscillator has a frequency stability of ±200 KHz (-20~+60°C) at 11.6 GHz.

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