

Abstracts

Miniature FET Oscillator Stabilized by a Dual Mode Dielectric Resonator Loaded Cavity

S.J. Fiedziuszko. "Miniature FET Oscillator Stabilized by a Dual Mode Dielectric Resonator Loaded Cavity." 1985 MTT-S International Microwave Symposium Digest 85.1 (1985 [MWSYM]): 264-265.

A novel configuration of a stabilized FET oscillator is based on a dual mode dielectric resonator loaded cavity. Two orthogonal modes in such a cavity are utilized in a feedback loop as well as for additional output filtering. The principle of operation and experimental results are presented.

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