

Abstracts

Microwave Transistor Oscillators Stabilized with Dielectric Resonator (Panel Discussion)

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Owing to their high thermal stability and high Q value, BaO-TiO/sub 2/ system ceramic resonators have been investigated as frequency controlling devices and are now in practical use. Relatively high dielectric constant makes it possible to obtain a small size resonator which is compatible with stabilized oscillator design. Dielectric resonators are readily incorporated into MIC transistor oscillators and result in a highly-stabilized, low-noise microwave power source.

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