

# Abstracts

## Oscillator Applications of Double Dielectric Resonator

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S.J. Fiedziuszko. "Oscillator Applications of Double Dielectric Resonator." 1988 MTT-S International Microwave Symposium Digest 88.2 (1988 Vol. II [MWSYM]): 613-616.

Oscillator configurations are presented which are based on utilization of a double dielectric resonator. Major advantage of this particular approach is wide, linear tuning of the oscillators. Q-factor degradation associated with metal tuning arrangements is prevented and additional temperature compensation and linearization is possible. The principle of operation and experimental results are shown.

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