

# Abstracts

## Frequency Stabilization Technique for Millimeter-Wave Microstrip Oscillators

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*D. Rubin and D. Saul. "Frequency Stabilization Technique for Millimeter-Wave Microstrip Oscillators." 1979 MTT-S International Microwave Symposium Digest 79.1 (1979 [MWSYM]): 224-226.*

The crossover frequency of an integrated microstrip diplexer has been used in a feedback arrangement to stabilize a microstrip millimeter-wave Gunn oscillator. Changes in the microstrip effective dielectric constant with temperature can be compensated for by the use of a temperature transducer in the feedback loop.

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