

# Abstracts

## A Novel Varactor Tunable Coplanar Waveguide-Slotline Gunn VCO

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*J.A. Navarro, Y.-H. Shu and K. Chang. "A Novel Varactor Tunable Coplanar Waveguide-Slotline Gunn VCO." 1991 MTT-S International Microwave Symposium Digest 91.3 (1991 Vol. III [MWSYM]): 1187-1190.*

A novel varactor tunable CPW-slotline Gunn VCO has been developed. The oscillator provides  $16.3 \pm 0.45$  dBm throughout a 300 MHz tuning range centered at 10.40 GHz. The signal quality and stability are very good throughout the tuning range. The circuit is small and lightweight and offers low cost, good reproducibility and excellent performance.

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