

# Abstracts

## Method of Moments and Time Domain Analyses of Waveguide-Based Hybrid Multiple Device Oscillators

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*A.R. Adams, R.D. Pollard and C.M. Snowden. "Method of Moments and Time Domain Analyses of Waveguide-Based Hybrid Multiple Device Oscillators." 1996 MTT-S International Microwave Symposium Digest 96.3 (1996 Vol. III [MWSYM]): 1255-1258.*

The time-domain analysis and measured performance of a novel multiple oscillator circuit consisting of densely integrated active devices and planar antennas mounted in rectangular waveguide is presented. We detail a prototype seven element circuit using hybrid pHEMT oscillators delivering 220mW at 12.40 GHz.

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