

# Abstracts

## Impedance Characteristics of TRAPATT Oscillator Circuits

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*J.D. Welch and P.T. Greiling. "Impedance Characteristics of TRAPATT Oscillator Circuits." 1973 G-MTT International Microwave Symposium Digest of Technical Papers 73.1 (1973 [MWSYM]): 172-174.*

An accurate, closed-form analysis has been developed for calculating the harmonic matching impedance required for a time-delay-triggered TRAPATT oscillator. Quantitative agreement was obtained with experimental impedance measurements on an S-Band oscillator.

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