

Abstracts

Impedance Characteristics of TRAPATT Oscillator Circuits

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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