

Abstracts

On the Power and Frequency Stability of IMPATT Oscillators

K. Wilson, J.R.G. Twisleton and J.L.B. Walker. "On the Power and Frequency Stability of IMPATT Oscillators." 1978 MTT-S International Microwave Symposium Digest 78.1 (1978 [MWSYM]): 363-365.

This paper presents some static and dynamic stability results achieved with Ka band Impatt oscillators. The design features needed to achieve these results and the critical measurement problems are also considered.

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