

Abstracts

A Circuit for Rapid Evaluation of TRAPATT Diodes (Letters)

W.C. Jenkins and K. Gleason. "A Circuit for Rapid Evaluation of TRAPATT Diodes (Letters)." 1974 Transactions on Microwave Theory and Techniques 22.11 (Nov. 1974 [T-MTT]): 976-977.

A parallel plate transmission line circuit has been developed which facilitates rapid testing of experimental TRAPATT diodes. In this circuit the impedance of each tuning element can be continuously varied. This is an appreciable advantage over conventional coaxial TRAPATT circuits which use fixed diameter slugs.

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