

Abstracts

A New Microwave Measurement Technique to Characterize Diodes and an 800 Gc Cutoff Frequency Varactor at Zero Volts Bias (1963 [MWSYM])

B.C. De Loach, Jr.. "A New Microwave Measurement Technique to Characterize Diodes and an 800 Gc Cutoff Frequency Varactor at Zero Volts Bias (1963 [MWSYM])." 1963 PTGMTT National Symposium Program and Digest 63.1 (1963 [MWSYM]): 85-92.

The equivalent circuit of a diode in a waveguide is difficult to determine because it is embedded in the circuit of supporting devices such as dielectric spacers and posts. The influence of these supporting devices can be eliminated by fabricating the diode directly in reduced height waveguide. Diodes in cartridges can also be made to approximate this situation.

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