

Abstracts

A Power Reflection Technique for Characterization of High Quality Varactor Diodes (1966 [MWSYM])

G.D. Vendelin and S.A. Robinson. "A Power Reflection Technique for Characterization of High Quality Varactor Diodes (1966 [MWSYM])." 1966 G-MTT International Microwave Symposium Digest 66.1 (1966 [MWSYM]): 197-201.

A new method for varactor diode characterization has been developed. As the quality of microwave varactors rapidly improves, a simple and accurate means of characterization has become increasingly important. The present methods for varactor characterization consist of either a "relative impedance" or a "transmission" technique. The commonly accepted varactor equivalent circuit is shown in Figure 1.

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