

Abstracts

Linearization of Diode Detector Characteristics

C. Zhaowu and X. Binchun. "Linearization of Diode Detector Characteristics." 1987 MTT-S International Microwave Symposium Digest 87.1 (1987 Vol. I [MWSYM]): 265-267.

A novel mathematical model is introduced for determining the RF input power as a function of Schottky diode detector output voltage. It has been used in Ka-band. The results show that it is well suited for linearization of detector character large input power range.

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