

Abstracts

Comparison of Diode Noise Under RF and DC Excitations (Short Papers)

Y. Lipkin and S. Maniv. "Comparison of Diode Noise Under RF and DC Excitations (Short Papers)." 1974 Transactions on Microwave Theory and Techniques 22.8 (Aug. 1974 [T-MTT]): 793-796.

Comparison between the low-frequency noise spectra measurements in microwave diodes under RF and dc excitations are reported. The frequency-dependent noise temperature ratio t measured over a range of low frequencies was approximately 3 dB less with RF excitation than with dc excitation, when the dc bias level was identical in the two cases.

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