

# 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.

 [Return to main document.](#)