

## Absolute Measurement of Receiver Noise Figures at UHF

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*E. Maxwell and B.J. Leon. "Absolute Measurement of Receiver Noise Figures at UHF." 1956 Transactions on Microwave Theory and Techniques 4.2 (Apr. 1956 [T-MTT]): 81-85.*

Absolute measurements of noise-figures in the UHF range are described, using hot and cold thermal sources as standards. It was found that the noise temperature of the T-5 6 watt fluorescent tube is  $16.1 \pm 0.6$  db above  $kT_{\Delta}$ . Noise diodes were found to be in error at these frequencies by approximately 1 db.

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