

Abstracts

On the Measurement of Detector Impedance (Correspondence)

P.A. Szente, R.H. Miller and K.B. Mallory. "On the Measurement of Detector Impedance (Correspondence)." 1963 Transactions on Microwave Theory and Techniques 11.4 (Jul. 1963 [T-MTT]): 263-263.

A detector or receiver may be used in conjunction with a directional coupler and a calibrated variable short to measure its own impedance. The observed VSWR as the short is adjusted is the VSWR of the detector if the coupling is light. Various minor corrections are described.

 [Return to main document.](#)