

Abstracts

Automated Calibration of Directional-Coupler-Bolometer-Mount Assemblies (Dec. 1975 [T-MTT])

G.F. Engen. "Automated Calibration of Directional-Coupler-Bolometer-Mount Assemblies (Dec. 1975 [T-MTT])." 1975 Transactions on Microwave Theory and Techniques 23.12 (Dec. 1975 [T-MTT] (1975 Symposium Issue)): 984-990.

Although the application of automated methods to power calibration problems in the UHF and microwave region has been described by a number of authors, the primary orientation has been towards the calibration of bolometer mounts and similar items. Little has been published on the problem of calibrating directional-coupler-bolometer-mount assemblies, which also play a major role in the calibration and measurement of UHF and microwave power. This paper develops a theoretical basis for several different approaches to this measurement problem.

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