

Abstracts

Calibration of Coaxial Bolometer Units (Correspondence)

"Calibration of Coaxial Bolometer Units (Correspondence)." 1965 Transactions on Microwave Theory and Techniques 13.6 (Nov. 1965 [T-MTT]): 884-884.

The Radio Standards Laboratory of the Institute for Basic Standards (National Bureau of Standards, U. S. Department of Commerce) announces that services are now available for the measurement of calibration factor of nominal 50-omega coaxial bolometer units and coaxial bolometer-coupler units. These devices have proved useful in the accurate measurement of CW RF power in coaxial systems over a range of 1 mW to 10 watts. At present the service is offered for bolometer units at two frequencies only, 100 MHz and 1 GHz; for bolometer-coupler units the service is offered at 30, 100, 200, 300, 400, 500 MHz, and 1 GHz. Plans call for extension of the frequency range to at least 10 GHz and for essentially continuous frequency coverage.

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