

# Abstracts

## An Application of the Power Equation Concept and Automation Techniques to Precision Bolometer Unit Calibration (1974 [MWSYM])

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*E.L. Komarek. "An Application of the Power Equation Concept and Automation Techniques to Precision Bolometer Unit Calibration (1974 [MWSYM])." 1974 S-MTT International Microwave Symposium Digest of Technical Papers 74.1 (1974 [MWSYM]): 263-265.*

The power equation concept has been implemented into a multioctave precision bolometer unit calibration system employing automation techniques in conjunction with an automatic network analyzer system. The system was qualified as a calibration transfer system operating in the 2-12.4 GHz frequency range at 1 to 10 mW with a single measurement standard deviation of 0.2% to 1% from 2-10 GHz.

[Return to main document.](#)