

# Abstracts

## Short Millimeter Wave Region High Accuracy Power Meter with Self-Calibration Function

---

*M. Sasaki, T. Nunotani, T. Inoue and I. Yokoshima. "Short Millimeter Wave Region High Accuracy Power Meter with Self-Calibration Function." 1985 MTT-S International Microwave Symposium Digest 85.1 (1985 [MWSYM]): 507-510.*

A high-precision power meter with a self-calibration function in the short-millimeter wave region (94GHz) has been developed. As a result of self-calibration, a high effective efficiency (99.86%) of the built-in thin-film barretter mount has been obtained, and a reliable measurement of millimeter wave power with an overall accuracy of  $\pm 1\%$  has become possible.

[Return to main document.](#)