

Abstracts

Microwave Surface Resistance Measurement Technique for Cylindrical High-Tc Superconductor

K. Aida and T. Ono. "Microwave Surface Resistance Measurement Technique for Cylindrical High-Tc Superconductor." 1989 MTT-S International Microwave Symposium Digest 89.2 (1989 Vol. II [MWSYM]): 559-562.

A surface resistance measurement method is investigated using an open-circuit terminated cavity constructed from a shielded pair comprising two cylindrical conductors as a specimen. The accuracy is confirmed by measuring copper specimens. High-Tc YBaCuO superconductor surface resistances are evaluated from 1 to 8 GHz.

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