

Dielectric Resonator Used as a Probe for High Tc Superconductor Measurements

S.J. Fiedziuszko and P.D. Heidmann. "Dielectric Resonator Used as a Probe for High Tc Superconductor Measurements." 1989 MTT-S International Microwave Symposium Digest 89.2 (1989 Vol. II [MWSYM]): 555-558.

A novel probe for high Tc superconductor measurements based on the post dielectric resonator is described. Advantages of the device and the method of measurements include high sensitivity, simplicity, ability to measure small superconductor samples and nondestructive measurements of selected areas of larger samples including thin film superconductors. The technique and selected results are presented.

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