Abstracts

Non-Perturbing Microprobes for Measurement in Electromagnetic Fields

A. Deficis and A. Priou. "Non-Perturbing Microprobes for Measurement in Electromagnetic Fields." 1977 MTT-S International Microwave Symposium Digest 77.1 (1977 [MWSYM]): 348-351.

A new generation of non-interfering microprobe is developping. It consists essentially of dielectric microthermometers, named the M.T.D. probes. Their specific temperature range cover -40°C to +150°C in several steps. The introduced perturbation is very low, inferior to 0.1 db whatever the frequency range is. The M.T.D. probes' medical and industrial applications are very important.

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