Abstracts

Application of Nonthermal Effects in High Dielectric Materials to Microwave Dosimetry

R.J. Vetter, D.R. Elle, D.J. Fehringer and P.L. Ziemer. "Application of Nonthermal Effects in High Dielectric Materials to Microwave Dosimetry." 1973 G-MTT International Microwave Symposium Digest of Technical Papers 73.1 (1973 [MWSYM]): 260-261.

Thermoluminescent properties of high dielectric materials were examined before and after exposure to 2450 MHz microwave radiation. Fading of low temperature peaks was significantly greater in phosphors exposed to microwaves than in oven heated controls.

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