

Abstracts

A Combined Monitor-Dosimeter for Non-Ionizing Radiation

G.E. Fanslow, R.A. Hendrickson and A.M. Fanslow. "A Combined Monitor-Dosimeter for Non-Ionizing Radiation." 1979 MTT-S International Microwave Symposium Digest 79.1 (1979 [MWSYM]): 37-38.

The temperature-dependent light-scattering properties of cholesteric liquid crystals and the thermal fade characteristics of pre-irradiated thermoluminescence dosimetry tags are combined in a differential calorimeter configuration to provide measures of present, average and accumulated exposures to non-ionizing electromagnetic radiation.

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