

# Abstracts

## A Nonperturbing Liquid Crystal Fiberoptic Microwave Power Probe

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*O.P. Gandhi and T.C. Rozzell. "A Nonperturbing Liquid Crystal Fiberoptic Microwave Power Probe." 1975 MTT-S International Microwave Symposium Digest of Technical Papers 75.1 (1975 [MWSYM]): 297-299.*

A miniaturized microwave probe has been developed using the microwave-caused heating of a thin coating of a resistive material and the resulting change in the color of a minuscule amount of liquid crystal in intimate contact. The probe can be inserted in animals for microwave biological effects research and is isotropic in its sensitivity to different polarizations of the fields.

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