

Abstracts

A Ferrimagnetic Resonance Sensor for Remote Wireless Temperature Measurements in Organic Tissue

P. Roschmann and K.M. Ludeke. "A Ferrimagnetic Resonance Sensor for Remote Wireless Temperature Measurements in Organic Tissue." 1983 MTT-S International Microwave Symposium Digest 83.1 (1983 [MWSYM]): 192-194.

FMR-sensors are used in a new system for remote medical thermometry. A new integrated torus shaped permanent-magnet-YIG-sphere sensor configuration led to considerable size reduction and generally improved thermometric properties as compared to earlier designs.

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