

Abstracts

In Vivo Experiment for the Analysis of Multi-Frequency Microwave Radiometric Data

F. Bardati, M. Mongiardo, D. Solimini and B. Paolone. "In Vivo Experiment for the Analysis of Multi-Frequency Microwave Radiometric Data." 1988 MTT-S International Microwave Symposium Digest 88.1 (1988 Vol. 1 [MWSYM]): 165-168.

Numerical simulations and laboratory experiments suggested the feasibility of reconstructing temperature distributions inside biological structures from multi-frequency radiometric data. This contribution discusses experimental data in real situations, where the variable geometry and dielectric Inhomogeneities in the human body strongly affect the radiometric measurements.

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