# Abstracts

## Absorption Characteristics of Multi-Layered Sphere Models Exposed to UHF/Microwave Radiation

*C.M. Weil. "Absorption Characteristics of Multi-Layered Sphere Models Exposed to UHF/Microwave Radiation." 1974 S-MTT International Microwave Symposium Digest of Technical Papers 74.1 (1974 [MWSYM]): 109-111.*

Plane wave absorption characteristics of spherical models composed of six layers of dissipative dielectric media, representing various biological tissues found in human and animal heads, are examined in the frequency range of 0.1 to 10 GHz. The internal distribution of energy deposition inside the sphere is discussed with emphasis on strong localized heating (hot spot) effects.

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