

Abstracts

Review and State of the Art Biological Effects and Hazards of Microwave Radiation

S.W. Rosenthal. "Review and State of the Art Biological Effects and Hazards of Microwave Radiation." 1976 MTT-S International Microwave Symposium Digest of Technical Papers 76.1 (1976 [MWSYM]): 356-356.

Microwaves does interact with a variety of materials and systems including Biological. The question arises as to the mode of interaction and whether it constitutes a hazard. The IEEE and the Department of the Navy are co-sponsors of an American National Standards Institute Committee-C-95 on RF Radiation Hazards. The American National Standards Institute (ANSI) is the national clearinghouse and coordinating body for voluntary standards in the United States. C-95 is an ANSI committee composed of representatives of scientific and technical organizations, industry and trade groups, government agencies and public interest groups, and their task is to develop standards relating to the committees field of interest. The actual work of the committee is accomplished by sub-committees, membership in which is a function of expertise and the ability to contribute to the work of the committee. In addition to its co-sponsorship of C-95 the IEEE has five (5) representatives, voting as a group, one of which represents MTT-S. This session is essentially a report to MTT-S on the technical activities of C-95 as well as a review and state of the art in the area of Biological Effects and Hazards of Microwave Radiation. It will also provide an opportunity for interaction between members of C-95 and the microwave community.

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