

Abstracts

The Environmental Impact of Microwave Systems in the 70's

D.M. Jansky. "The Environmental Impact of Microwave Systems in the 70's." 1973 G-MTT International Microwave Symposium Digest of Technical Papers 73.1 (1973 [MWSYM]): 184-185.

This paper will commence with a description of the present use and dependence upon microwave systems within the United States, particularly from the point of view of the Federal Government. Secondly, a description will be given of the kinds of advances projected in microwave technology during the 70's and the kind of new systems these advances will bring into use. The paper will then discuss the two major aspects of environmental impact that both present and proposed systems will make. These include the impact of new systems on existing systems and secondly, the impact of a microwave system on the biological environment. Finally, this paper will discuss the implications of environmental impacts insofar as adequacy of boundary conditions in each area.

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