

Abstracts

Infrared Detection of Surface Charge and Current Distributions

R.W. Burton and J.D. Selim. "Infrared Detection of Surface Charge and Current Distributions." 1977 MTT-S International Microwave Symposium Digest 77.1 (1977 [MWSYM]): 463-466.

A technique has been devised using infrared detection of I²R heating of conducting materials to determine the surface charge and current distributions on various objects. The measurement process is explained and comparisons between experimentally determined and actual charge and current distributions are presented.

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