Abstracts

The Measurement of the Surface Resistivity of Evaporated Gold at 890 GHz

R.J. Batt, G.D. Jones and D.J. Harris. "The Measurement of the Surface Resistivity of Evaporated Gold at 890 GHz." 1977 Transactions on Microwave Theory and Techniques 25.6 (Jun. 1977 [T-MTT] (Special Issue on the Proceedings of the Second International Conference on Submillimeter Waves and Their Applications)): 488-491.

A modified pyroelectric detector is used to measure the surface resistivity of evaporated gold at 890 GHz. The value of 0.65 Omega square yields a ratio of measured-to-theoretical surface resistivity of approximately 2.2.

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