Abstracts

Higher-Order Evaluation of Dipole Moments of a Small Circular Disk for Arbitrary Incident Fields (Correspondence)

W.H. Eggimann. "Higher-Order Evaluation of Dipole Moments of a Small Circular Disk for Arbitrary Incident Fields (Correspondence)." 1961 Transactions on Microwave Theory and Techniques 9.1 (Jan. 1961 [T-MTT]): 98-98.

In a recent note the induced electric and magnetic dipole moments P and M due to the diffraction of a plane wave on a small circular disk were given. The expression for the electric dipole moment holds, however, only if the electric field vector is parallel to the plane of incidence.

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