

Abstracts

Electric Polarizability and Magnetic Susceptibility of Small Holes in a Thin Screen (Comments)

K.S.H. Lee. "Electric Polarizability and Magnetic Susceptibility of Small Holes in a Thin Screen (Comments)." 1990 *Transactions on Microwave Theory and Techniques* 38.10 (Oct. 1990 [T-MTT]): 1529-1529.

The authors of the above paper state that they have proved $1/X = 1/\Psi_{xx} + 1/\Psi_{yy}$ for a plane aperture of arbitrary shape, where X is the electric polarizability and Ψ_{xx} and Ψ_{yy} are the magnetic polarizabilities along the principal x and y axes.

[Return to main document.](#)