Abstract

A few widely used incident wave models for antenna analysis are compared on the basis of antenna factor (AF) computations. The finite-difference time-domain (FDTD) technique is applied to compute the complex AF of monopole antenna placed on conduction ground plane in the receiving mode. The computed AFs are compared with published measured results.

Index Terms

Computer Science Wireless Communication

Keywords

Antenna Factor Fdtd Gain Monopole Antenna Ground Plane