Abstract

In this paper, a simple half-wave dipole antenna has been designed and analyzed for wireless applications. Resonant frequency for the dipole antenna was 5 GHz and as a simulation tool CST Microwave Studio (MWS) has been used. After that the return loss curve, the VSWR and the far-field radiation patterns of the half-wave dipole antenna have been observed.

References


Index Terms

Computer Science  Wireless

Keywords

Dipole Antenna  CST MWS  Far-field radiation