Printed Leaf Shaped Monopole Antenna

Abstract

This paper presents a printed leaf shaped antenna with a rectangular ground plane which belongs to the class of printed monopole antenna and is small (16 cm$^2$), compact, conformal and provides an ultra wide band performance giving very good omnidirectional radiation pattern similar to monopole antenna. It has an impedance bandwidth of around 10.25 GHz (return loss
References

- K. Gerorge Thomas and M. Sreenivasan, "A simple Ultra Wideband Planar
Printed Leaf Shaped Monopole Antenna


Karlo Costov and Victor Dimitriev, Planar Monopole Antenna with cuts at the edges and Parasitic Loops, Ultra wide band communications Novel trends-Antennas and Propagation, Federal University of Para, Brazil.


Index Terms

Computer Science Wireless Communications

Keywords

Group Delay 3d Radiation Pattern Gain