Abstract

Slotted printed monopole antennas for ultra-wideband applications studied theoretically and experimentally have been presented. A circular slotted ground plane as radiator with circular base rectangular exciter, which is fed through microstrip line feed, is printed on a dielectric substrate. This circular base rectangular exciter with circular slotted ground achieves around 7.65:1 impedance bandwidth ratio for VSWR.
References


Index Terms

Computer Science

Wireless
Keywords
Circular Slotted Antenna  Slot Radiator  Slot Exciter  Ultra Wide-band  Printed Monopole Antenna.