Abstract

This work analyzes the performance of different feeding techniques used in wireless communications applications for rectangular microstrip patch antennas, as in technologies such as Wimax, LTE and 5G application. Here are discussed various types of feeding arrangements. The performance of the microstrip patch antenna system depends on the antenna element and substrate characteristics as well as the feed configuration used.

References


Index Terms

Computer Science  Communications
Keywords

Fractal, Slot, Dielectric, DGS, Microstrip, Air-gap, Shorting pin