Abstract

The Microstrip patch antennas have the properties of low cost fabrication and least profile. This Antenna is more properly used now a day due to its light weight, low volume and easy to install on the rigid surface. In this paper, the design of the microstrip patch antennas are considered. Using the fractal technology, on Sierpinski Carpet antenna, return loss measurement, radiation pattern etc. have been investigated. The discussions and conclusions of this paper are helpful in designing and improving the performance of microstrip patch antennas as per need of the society.

References

2. Bharti Gupta, Sangeeta Nakhate, Madhu Shandilya, Compact Ultra Wideband Microstrip

3. Ashwini K.Arya, M. V. Kartikeyan, A Patnaik, Defected Ground Structurein the perspective of Microstrip antenna, requenz, Vol. 64, Issue 5-6, pp.79-84, Oct- 2010


**Index Terms**

Computer Science  Wireless

**Keywords**

Microstrip Patch Antenna, low profile antenna, leaky waves, bandwidth, feeding techniques and Sierpinski carpet antenna