Abstract

A single layer, single feed compact rectangular antenna is proposed. Resonant frequency has
been reduced drastically by cutting three unequal rectangular slots at the edge of the patch & also small rectangular slots connected with the middle of the every patch. Antenna size has been reduced by 47.4% with an increased frequency ratio when compared to a Conventional square microstrip patch antenna.

References

- Zeland Software Inc. IE3D: MoM-Based EM Simulator. Web: http://www.zeland.com/

Index Terms

Computer Science Computing, Communication
And Sensor Network

**Keywords**

Compact  Patch  Slot  Resonant Frequency  Edge Of The Patch