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