Abstract

This paper presents the design of Multi layer parasitic MSA Array concerned on enhancement of gain at 5.8 GHz for Wi-Max application. Micro strip patch antenna array is designed by using different substrates. First layer element is made of FR4 substrate while other layers are of different substrates. The antenna provides better gain after adding the patch elements. Array concerned on enhancement of gain at 5.8 GHz for Wi-Max application. Micro strip patch antenna array is designed by using different substrates. First layer element is made of FR4 substrate while other
layers are of different substrates. The antenna provides better gain after adding the patch elements.

References

- V Srinivasa Rao, Dr. DR Jahangirdar, Prof. Girish Kumar "Design And Development of Broadband Circularly Polarized C-Band Micro Strip Antenna Array"; Annual IEEE India Conference (INDICON), 2014.

Index Terms

Computer Science Wireless

Keywords
Design of Multilayer Micro Strip Antenna Array for Fixed WiMax Application

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<th>Micro Strip Antenna</th>
<th>Rectangular Patch</th>
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Directivity

Gain

Radiation Pattern.