Abstract

This paper presents the design of Multi layer parasitic MSA Array concerned on enhancement of gain at 5.8 GHz for WiMax 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.

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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
<table>
<thead>
<tr>
<th>Micro Strip Antenna</th>
<th>Rectangular Patch</th>
<th>Square Patch</th>
<th>Co-axial Feeding</th>
<th>Return Loss</th>
<th>Vswr</th>
</tr>
</thead>
</table>

Directivity

Gain

Radiation Pattern.