

## *15 Microstrip Antenna International Journals Journal*

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### **15 Microstrip Antenna International Journals**

As per available reports about 78 journals, 198 Conferences, 31 workshops are presently dedicated exclusively to Microstrip Antenna and about 1,700 articles are being published on the current trends in Microstrip Antenna. In terms of research annually, USA, India, Japan, Brazil and Canada are some of the leading countries where maximum studies related to Microstrip Antenna are being carried out.

### **Microstrip Antenna - OMICS International**

Journal Aims. The International Journal on Communications Antenna and Propagation (IRECAP) is a peer-reviewed journal that publishes original theoretical and applied papers on all aspects of Communications, Antenna, Propagation and networking technologies. The topics to be covered include but are not limited to:

### **International Journal on Communications Antenna and ...**

The paper presents the design and investigation of a flexible all-textile antenna operating in the wireless body area network (WBAN) ultrawideband (UWB) specified by the IEEE 802.15.6 standard. The proposed antenna features an innovative and compact UWB radiator on top of the overall structure with a full ground plane on its reverse side. The radiator, which is based on a microstrip patch ...

### **Compact Microstrip-Based Textile Antenna for 802.15.6 WBAN ...**

In this paper bandwidth enhanced microstrip patch antenna has been proposed for satellite communications. The bandwidth has been increased using parasitic patches. The size of the proposed antenna is 15x8 mm<sup>2</sup>. It has been observed that the antenna has a bandwidth of 4.08GHz, a return loss of 49.07 dB at the center frequency, a maximum gain of 8.25 dBi and total efficiency of more than 90%.

### **A Novel Wideband Microstrip Patch Antenna for Satellite ...**

the designed antenna at this frequency is 636.9 MHz so here the bandwidth is increased. 1.00 Fig.14 VSWR of the antenna Voltage standing wave ratio for the designed antenna for the given slot size is 1.1324, that is near to unity and gives good Fig.15 Gain of the antenna Fig.16 Directivity of the antenna 2.00 3.00 4.00 5.00 6.00 7.00 8.00 9.00 ...

### **International Journal of Engineering Trends and Technology ...**

Bandwidth Improvement of Microstrip Patch Antenna using Partial Ground Plane is studied here. The overall size of the Antenna is 32.92 x 39.93 x 1.5mm<sup>3</sup> and it gave a Bandwidth of 230 MHz. The proposed antenna's ground plane was varied as x = 15 mm and y = 39.92 mm, it gave a Bandwidth of 400 MHz, showing an increase in the value of Bandwidth.

### **ISSN: 2278-0181 Vol. 4 Issue 05, May-2015 Bandwidth ...**

This is the first report on novel mushroom-type electromagnetic band gap (EBG) structures, consisting of fractal periodic elements, used for enhancing the gain of microstrip patch antennas. Using CST Microwave studio the performance of rectangular patch antenna has been examined on proposed fractal EBG substrates.

### **Gain enhancement of microstrip patch antenna using ...**

Global Journal of Research Engineering Volume 11 Issue 2 Version 1.0 March 2011 . Type: Double Blind Peer Reviewed International Research Journal Publisher: Global Journals Inc. (USA) ISSN: 0975-5861 . Design and Analysis of Rectangular Microstrip Antenna with PBG Structure for Enhancement of Bandwidth . By Kapil Goswami, Ashutosh Dubey ...

### **Design and Analysis of Rectangular Microstrip Antenna with ...**

International Journal of Antennas and Propagation is a peer-reviewed, Open Access journal that publishes original research articles as well as review articles on the design, analysis, and applications of antennas, along with theoretical and practical studies relating the propagation of

electromagnetic waves at all relevant frequencies, through ...

#### **International Journal of Antennas and ... - hindawi.com**

The design and measurement of reconfigurable circularly polarized capacitive fed microstrip antenna are presented. Small isosceles right angle triangular sections are removed from diagonally opposite corners for the generation of circular polarization (CP) of axial ratio bandwidth of 11.1%.

#### **Reconfigurable circularly polarized capacitive coupled ...**

[15] Alak Majumder, "Design of an H-shaped Microstrip Patch Antenna for Bluetooth Applications," International Journal of Innovation and Applied Studies, vol. 3, no. 4, pp. 987-994, August 2013.

#### **Rectangular Ring Microstrip Patch Antenna for Ultra-wide ...**

7. AlakMajumder, "Rectangular Microstrip Patch Antenna using Coaxial Probe Feeding Technique to Operate in S-Band", International Journal of Engineering Trends & Technology, Vol.4, Issue 4, 2013, pp.1206-1210. 8.

#### **Simulation of Rectangular Microstrip Patch Antenna | Open ...**

This book is intended to serve as a practical microstrip and printed antenna design guide to cover various real-world applications. All Antenna projects discussed in this book are designed, analyzed and simulated using full-wave electromagnetic solvers. ... He has published 40 research papers in journals, proceedings, national and international ...

#### **ARTECH HOUSE USA : Practical Microstrip and Printed ...**

Microstrip patch antennas are design to operate in dual-band and multi-band application either dual or circular ... December 11-15, 2012. [4]. Ashish Mathur ,Deepak Sharma, Geetika Mathur "Design and Simulation of Rectangular and Half Ring Patch Antenna for Ultra ... International Journal of Advance Technology & Engineering Research.2011. [9 ...

#### **A Rectangular Micro Strip Patch Antenna ... - IOSR Journals**

A Compact Microstrip Antenna for C Band Applications Anusha U1, Dr. Lethakumary B2 1 ... The National Symposium on Antenna Signal Processing & Interdisciplinary Research in 15 | Page Electronics 2017 (ASPIRE-2017) IV. Conclusion In this paper a compact microstrip antenna for C band application is proposed. ... International Journal of Antennas ...

#### **A Compact Microstrip Antenna for C Band ... - IOSR Journals**

PDF | This article presents an overview of the microstrip patch antenna and its design techniques. Basically a microstrip patch antenna comprises of a trace of copper or any other metal of any ...

#### **(PDF) Microstrip Antenna - ResearchGate**

and Analysis of I-Shaped Microstrip Patch Antenna for Low Frequency," IJIRST -International Journal for Innovative Research in Science and Technology. Vol. 1.No. 6, November 2014. [3] Anindya Kumar Kundu, MD. Tofael Hossain Khan, Md. Ashikur Rahman, Md. Osman Goni and Kazi Abul Barket," Design and Performance Analysis of a

#### **DESIGN OF RECTANGULAR MICROSTRIP PATCH ANTENNA USING ...**

feed line of the antenna with respect to the Dual band notch Element. The triple notch create at the 10.12-10.3GHz among the VSWR of the antenna.To minimize XVII Is the potential interferences between UWB system and WiMAX system, the antenna with dual notched bands becomes necessary. Here a  $\lambda/4$  C-shaped slits is

#### **A Planar Microstrip Antenna with Enhanced Triple-Bands ...**

Abstract. Microstrip patch antenna is mostly used in modern communication devices over conventional antennas mainly because of their size. In this review paper a survey is conducted on commonly used techniques and design used in microstrip antenna papers which has been used by authors for designing of an efficient, low profile, small, compatible, affordable microstrip antenna,

mainly used to ...

#### **A Review Paper on Techniques and Design for Microstrip ...**

A. Type A - Basic Rectangular Microstrip Patch Antenna) Basic Rectangular Microstrip Patch Antenna consists of simple Coplanar Microstrip Patch Antenna with no any modifications in patch or ground shape. Hereafter termed as simple RMSA. Design and dimensions are described in brief in next section. B. Structure of simple RMSA Figure 1.

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