



# Microstrip Fractal Antenna Based on Resonant Frequency

*Naveen Upadhyay, Sandhya Sharma*

Download now

[Click here](#) if your download doesn't start automatically

# Microstrip Fractal Antenna Based on Resonant Frequency

*Naveen Upadhyay, Sandhya Sharma*

**Microstrip Fractal Antenna Based on Resonant Frequency** Naveen Upadhyay, Sandhya Sharma

A new compact fractal patch antenna is designed based on the fractal geometry. Based on the simulation results, the proposed antenna has shown an excellent size reduction possibility with good radiation performance for wireless communication applications. The change in resonating frequency with respect to the dielectric constant of substrate. The various resonating frequencies for designed antenna are 11.36 GHz, 10.3 GHz, 9.2 GHz and 8.59 GHz for RT Duroid Rogers 5880, ARLON AD 300, FR 4 and RT Duroid Rogers 6010 respectively. The S-parameter (S11) for resonating frequencies is well below -10 dB. The far-field pattern and S11 of the proposed antenna is simulated and analyzed using CST Microwave Studio 2011. A Microstrip Fractal Antenna (MFA) is a fractal shape antenna. Fractal means broken or irregular fragments in a family of complex shapes that are repeated in same manner. Microstrip fractal antenna consists of one flat conductive strip which is deposited on the dielectric substrate surface. The Microstrip Fractal Antenna uses planar transmission line in microwave/ RF in integrated circuits.

 [Download Microstrip Fractal Antenna Based on Resonant Frequency ...pdf](#)

 [Read Online Microstrip Fractal Antenna Based on Resonant Frequenc ...pdf](#)

**Download and Read Free Online Microstrip Fractal Antenna Based on Resonant Frequency** Naveen Upadhyay, Sandhya Sharma

---

## **Download and Read Free Online Microstrip Fractal Antenna Based on Resonant Frequency Naveen Upadhyay, Sandhya Sharma**

---

### **From reader reviews:**

#### **Jasmine Myers:**

Do you have favorite book? For those who have, what is your favorite's book? Book is very important thing for us to learn everything in the world. Each publication has different aim or maybe goal; it means that reserve has different type. Some people sense enjoy to spend their time for you to read a book. They may be reading whatever they take because their hobby is definitely reading a book. How about the person who don't like reading a book? Sometime, particular person feel need book after they found difficult problem as well as exercise. Well, probably you'll have this Microstrip Fractal Antenna Based on Resonant Frequency.

#### **Elaine Davenport:**

With other case, little folks like to read book Microstrip Fractal Antenna Based on Resonant Frequency. You can choose the best book if you like reading a book. So long as we know about how is important any book Microstrip Fractal Antenna Based on Resonant Frequency. You can add knowledge and of course you can around the world by a book. Absolutely right, simply because from book you can understand everything! From your country right up until foreign or abroad you may be known. About simple point until wonderful thing you can know that. In this era, we could open a book or maybe searching by internet system. It is called e-book. You need to use it when you feel uninterested to go to the library. Let's examine.

#### **Terry Hollis:**

Reading can called mind hangout, why? Because if you find yourself reading a book specifically book entitled Microstrip Fractal Antenna Based on Resonant Frequency your head will drift away trough every dimension, wandering in every single aspect that maybe not known for but surely might be your mind friends. Imaging every word written in a reserve then become one contact form conclusion and explanation that maybe you never get ahead of. The Microstrip Fractal Antenna Based on Resonant Frequency giving you a different experience more than blown away your brain but also giving you useful facts for your better life in this particular era. So now let us present to you the relaxing pattern here is your body and mind is going to be pleased when you are finished looking at it, like winning a game. Do you want to try this extraordinary spending spare time activity?

#### **Francis Corder:**

Reading a book to become new life style in this yr; every people loves to read a book. When you study a book you can get a wide range of benefit. When you read guides, you can improve your knowledge, simply because book has a lot of information upon it. The information that you will get depend on what types of book that you have read. If you wish to get information about your examine, you can read education books, but if you act like you want to entertain yourself read a fiction books, these kinds of us novel, comics, and also soon. The Microstrip Fractal Antenna Based on Resonant Frequency offer you a new experience in reading a book.

**Download and Read Online Microstrip Fractal Antenna Based on  
Resonant Frequency Naveen Upadhyay, Sandhya Sharma  
#WD0GX9EN7YH**

# **Read Microstrip Fractal Antenna Based on Resonant Frequency by Naveen Upadhyay, Sandhya Sharma for online ebook**

Microstrip Fractal Antenna Based on Resonant Frequency by Naveen Upadhyay, Sandhya Sharma Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Microstrip Fractal Antenna Based on Resonant Frequency by Naveen Upadhyay, Sandhya Sharma books to read online.

## **Online Microstrip Fractal Antenna Based on Resonant Frequency by Naveen Upadhyay, Sandhya Sharma ebook PDF download**

### **Microstrip Fractal Antenna Based on Resonant Frequency by Naveen Upadhyay, Sandhya Sharma Doc**

**Microstrip Fractal Antenna Based on Resonant Frequency by Naveen Upadhyay, Sandhya Sharma Mobipocket**

**Microstrip Fractal Antenna Based on Resonant Frequency by Naveen Upadhyay, Sandhya Sharma EPub**

**Microstrip Fractal Antenna Based on Resonant Frequency by Naveen Upadhyay, Sandhya Sharma Ebook online**

**Microstrip Fractal Antenna Based on Resonant Frequency by Naveen Upadhyay, Sandhya Sharma Ebook PDF**