Microstrip Fractal Antenna Based on Resonant Frequency

Naveen Upadhyay, Sandhya Sharma

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

---

From reader reviews:

Robert Johnson:

Why don't make it to become your habit? Right now, try to prepare your time to do the important behave, like looking for your favorite guide and reading a reserve. Beside you can solve your trouble; you can add your knowledge by the publication entitled Microstrip Fractal Antenna Based on Resonant Frequency. Try to stumble through book Microstrip Fractal Antenna Based on Resonant Frequency as your buddy. It means that it can to become your friend when you truly feel alone and beside that of course make you smarter than in the past. Yeah, it is very fortuned to suit your needs. The book makes you considerably more confidence because you can know every little thing by the book. So , we should make new experience and also knowledge with this book.

Don Gonzales:

A lot of people always spent their own free time to vacation or go to the outside with them friends and family or their friend. Are you aware? Many a lot of people spent these people free time just watching TV, or perhaps playing video games all day long. If you want to try to find a new activity here is look different you can read a new book. It is really fun for yourself. If you enjoy the book which you read you can spent the entire day to reading a book. The book Microstrip Fractal Antenna Based on Resonant Frequency it is rather good to read. There are a lot of folks that recommended this book. We were holding enjoying reading this book. In the event you did not have enough space bringing this book you can buy the e-book. You can m0ore simply to read this book out of your smart phone. The price is not to cover but this book features high quality.

Ina French:

This Microstrip Fractal Antenna Based on Resonant Frequency is great publication for you because the content which is full of information for you who have always deal with world and possess to make decision every minute. This specific book reveal it details accurately using great manage word or we can declare no rambling sentences within it. So if you are read that hurriedly you can have whole facts in it. Doesn't mean it only will give you straight forward sentences but difficult core information with beautiful delivering sentences. Having Microstrip Fractal Antenna Based on Resonant Frequency in your hand like finding the world in your arm, info in it is not ridiculous just one. We can say that no publication that offer you world in ten or fifteen second right but this reserve already do that. So , this can be good reading book. Heya Mr. and Mrs. stressful do you still doubt in which?

Carl Johnson:

This Microstrip Fractal Antenna Based on Resonant Frequency is completely new way for you who has fascination to look for some information as it relief your hunger details. Getting deeper you in it getting knowledge more you know otherwise you who still having small amount of digest in reading this Microstrip

Fractal Antenna Based on Resonant Frequency can be the light food for you because the information inside this book is easy to get through anyone. These books build itself in the form that is certainly reachable by anyone, that's why I mean in the e-book form. People who think that in book form make them feel tired even dizzy this reserve is the answer. So there is not any in reading a e-book especially this one. You can find what you are looking for. It should be here for a person. So , don't miss the idea! Just read this e-book style for your better life and knowledge.

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