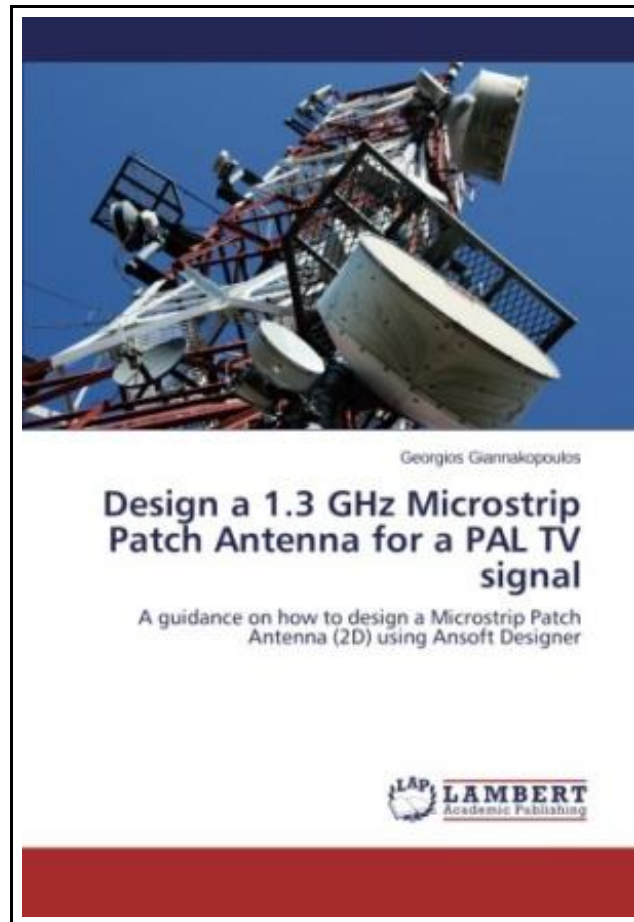


Design a 1.3 GHz Microstrip Patch Antenna for a PAL TV signal



Filesize: 6.01 MB

Reviews

*Comprehensive guideline for ebook fans. I have read and i am certain that i am going to going to go through yet again yet again down the road. You wont truly feel monotony at whenever you want of your own time (that's what catalogs are for concerning when you check with me).
(Keegan Abernathy)*

DESIGN A 1.3 GHZ MICROSTRIP PATCH ANTENNA FOR A PAL TV SIGNAL



Book Condition: New. Publisher/Verlag: LAP Lambert Academic Publishing | A guidance on how to design a Microstrip Patch Antenna (2D) using Ansoft Designer | This book is concerned with the design, construction and testing of a 1.3GHz microstrip rectangular patch antenna. The patch antenna incorporated a feed-line on the PCB board. The first part of the design of the antenna involved the computation of the dimensions of the patch to achieve a fundamental frequency of 1.3GHz. The accuracy of the computed dimensions was confirmed on an Ansoft Designer simulation package by examining the return loss of the antenna at the resonant frequencies. The second part of the design of the antenna involved the computation of the performance of the antenna. A number of parameters were evaluated which included electric field, E and H planes, radiation pattern, radiation, conductance, directivity and efficiency. The use of approximate formulas, the MAPLE computer algebra package and the MATLAB package were used to evaluate the formulas for predicting the antenna parameters. Computations of the various performance parameters were confirmed on the Ansoft Designer simulator. The microstrip rectangular patch antenna was constructed in the laboratory and tested on a Network Analyzer. The responses showed good agreement with the Ansoft simulation results. | Format: Paperback | Language/Sprache: english | 123 gr | 220x150x4 mm | 80 pp.



Read Design a 1.3 GHz Microstrip Patch Antenna for a PAL TV signal Online



Download PDF Design a 1.3 GHz Microstrip Patch Antenna for a PAL TV signal

Relevant Kindle Books



Would It Kill You to Stop Doing That?

Book Condition: New. Publisher/Verlag: Little, Brown Book Group | A Modern Guide to Manners | A laugh-out-loud guide to modern manners by acclaimed humorist, author, and Vanity Fair columnist Henry Alford. | A few years...

[Read PDF »](#)



Violet Rose and the Surprise Party

Book Condition: New. Publisher/Verlag: Nosy Crow | With activities, 3D press-out models and over 175 stickers! Plus free games and printables online! | When busy rabbit, Violet Rose, discovers that her friend Lily has a...

[Read PDF »](#)



Read Write Inc. Phonics: Blue Set 6 Non-Fiction 2 How to Make a Peach Treat

Oxford University Press, United Kingdom, 2016. Paperback. Book Condition: New. 205 x 74 mm. Language: N/A. Brand New Book. These decodable non-fiction books provide structured practice for children learning to read. Each set of books...

[Read PDF »](#)



The Preschool Inclusion Toolbox: How to Build and Lead a High-Quality Program

Brookes Publishing Co, United States, 2015. Paperback. Book Condition: New. 274 x 213 mm. Language: English . Brand New Book. Filled with tips, tools, and strategies, this book is the comprehensive, practical toolbox preschool administrators...

[Read PDF »](#)



Fifth-grade essay How to Write

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Pages Number: 272 Publisher: one hundred Press Pub. Date :2008-10-1. Contents: The first semester...

[Read PDF »](#)