Abstract

In this paper, we describe the formatting guidelines for IJCA Journal Submission. The proposed antenna is of H-shaped slotted for WLAN, wireless- A, Cu, X, Ku band comm. and various applications which has single band and compact in size. This antenna has h-shaped slot in the patch which is excited by the electromagnetic feeding technique. The substrate used to design is air having permittivity of 1. For this antenna VSWR, impedance bandwidth, radiation pattern E-field, and 3-D pattern is simulated for results. The antenna is simulated by the use of HFSS software for all the results. The bandwidth covers the range from 5GHz to the 15GHz which is very large bandwidth.

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Index Terms

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Keywords

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