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# Design and Analysis of Microstrip Circular Patch Antenna with a Rectangular Slot for Bluetooth Application

[Suman Sharma](#) , [Richa Sharma](#), [Arorai](#)

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**Dinesh Yadav**

Department of Electronics and Communication Engineering, Manipal University, Jaipur, Rajasthan, India

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## Abstract

The proposed antenna is having a circular patch with ground plane and is designed on FR4 (frame sensitive) substrate having dielectric permittivity 4.4 and along with it the thickness '1.76 mm', the designed antenna resonates at a frequency of around 2.4 GHz that can be used for Bluetooth applications. It provides a directional pattern with