



The Considerations of Antenna Design for IOT and Wearable Devices

Neil (Bing) Hao

20-Nov-2019

<http://uniteng.com>

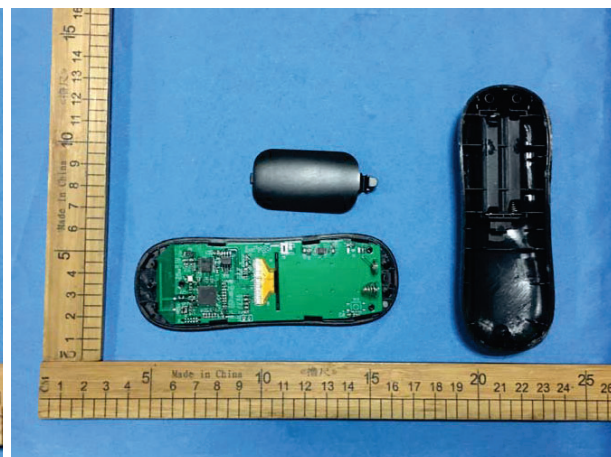
Part I: Project Background

Design the Antenna for IOT and Wearable Device could be challenge. The Industrial Design engineers usually want to define the product dimension as small as possible. However, the antennas usually need sufficient clearance from the rest of the circuit and plastic structure [1]. RF designers must make the trade-off between the Industrial Design and the Antenna requirements.

This paper is going to describe the strategies and considerations which were used to design our IEEE 802.15.4 based RF Remote Control Remoter [2].



Internal Photo 1



Internal Photo 2