Bluetooth antenna of PCB on-board specification

V1.0

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Document Type: PCB Antenna

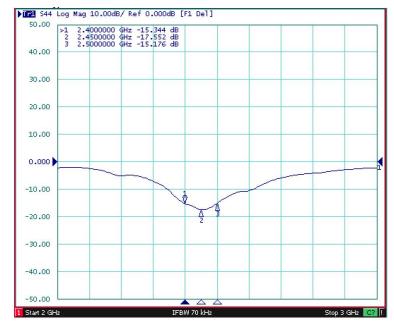
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2. Specification

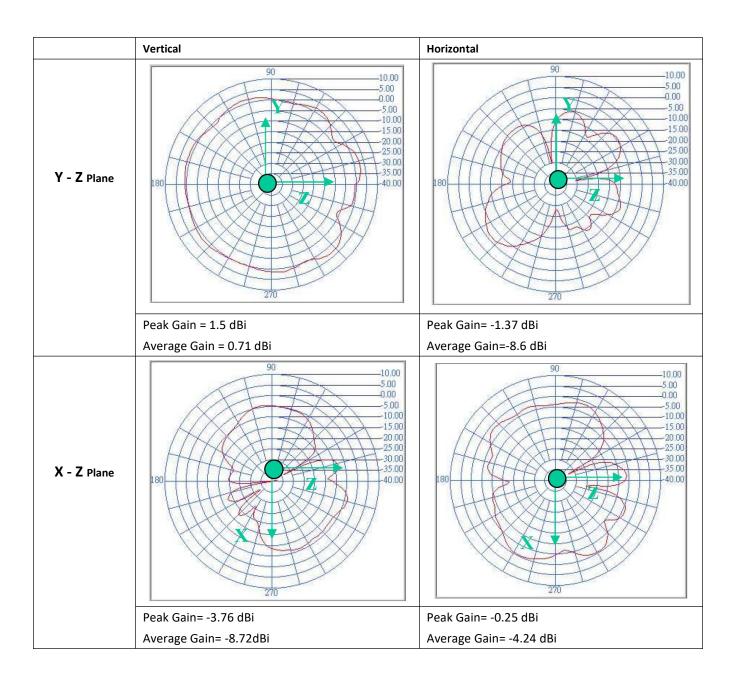
Product Number: PCB Antenna Sample Photo: A. Electrical Characteristics 2400 ~ 2500 MHz Frequency S.W.R. <=2.0 Gain 1.5 dBi 29% Efficiency Polarization Linear Impedance 50 Ohm **B. Material & Mechanical Characteristics** Material of Radiator plated copper C. Environmental Operation Temperature - 40°C ~ + 85°C Storage Temperature - 40°C ~ + 105°C

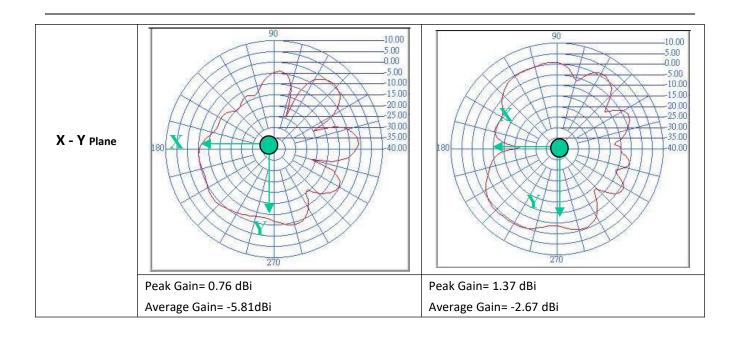
3 Return Loss



4、Radiation Pattern

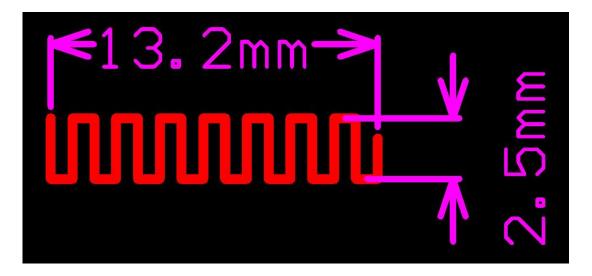
Radiation Pattern and Gain were dependent on measurement board design. The specification of coil antenna was measur ed based on the PCB size and installation position as shown in the below figure Test Board.





5. Other information

Antenna manufacturer: Jiangsu Yuyue Medical Equipment & Supply Co., Ltd. YX110 Antenna drawing:



Testing Company: Dongguan TengXiang Electronics Co., Ltd
Test company address: No. 53, Shayong Road, Shatou, Chang'an Town,
Dongguan, Guangdong, China