
Bluetooth antenna of PCB on-board specification

V1.0

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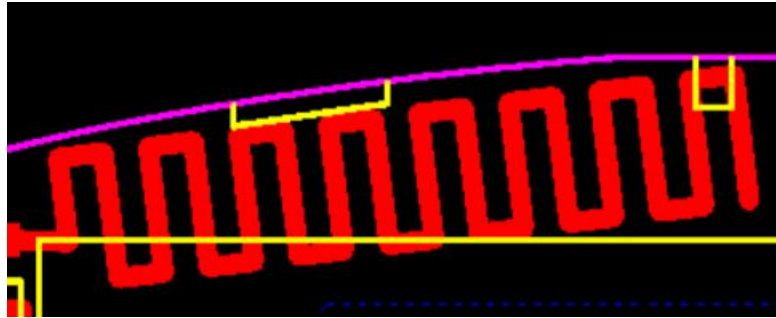
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Document Type: PCB Antenna
Document Version: V1.0
Release Date: Jan 25, 2021

2、Specification

Product Number: PCB Antenna

Sample Photo:



A. Electrical Characteristics

Frequency	2400 ~ 2500 MHz
S.W.R.	≤ 2.0
Gain	1.5 dBi
Efficiency	29%
Polarization	Linear
Impedance	50 Ohm

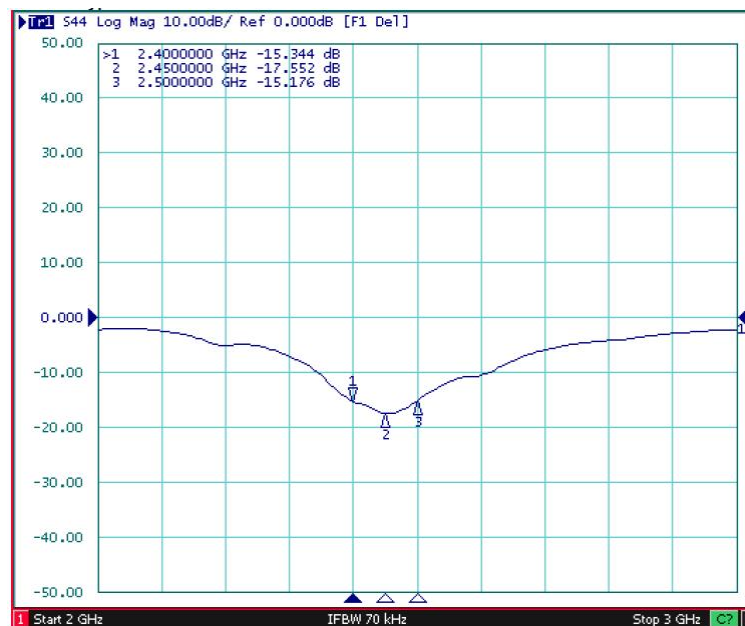
B. Material & Mechanical Characteristics

Material of Radiator	plated copper
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C. Environmental

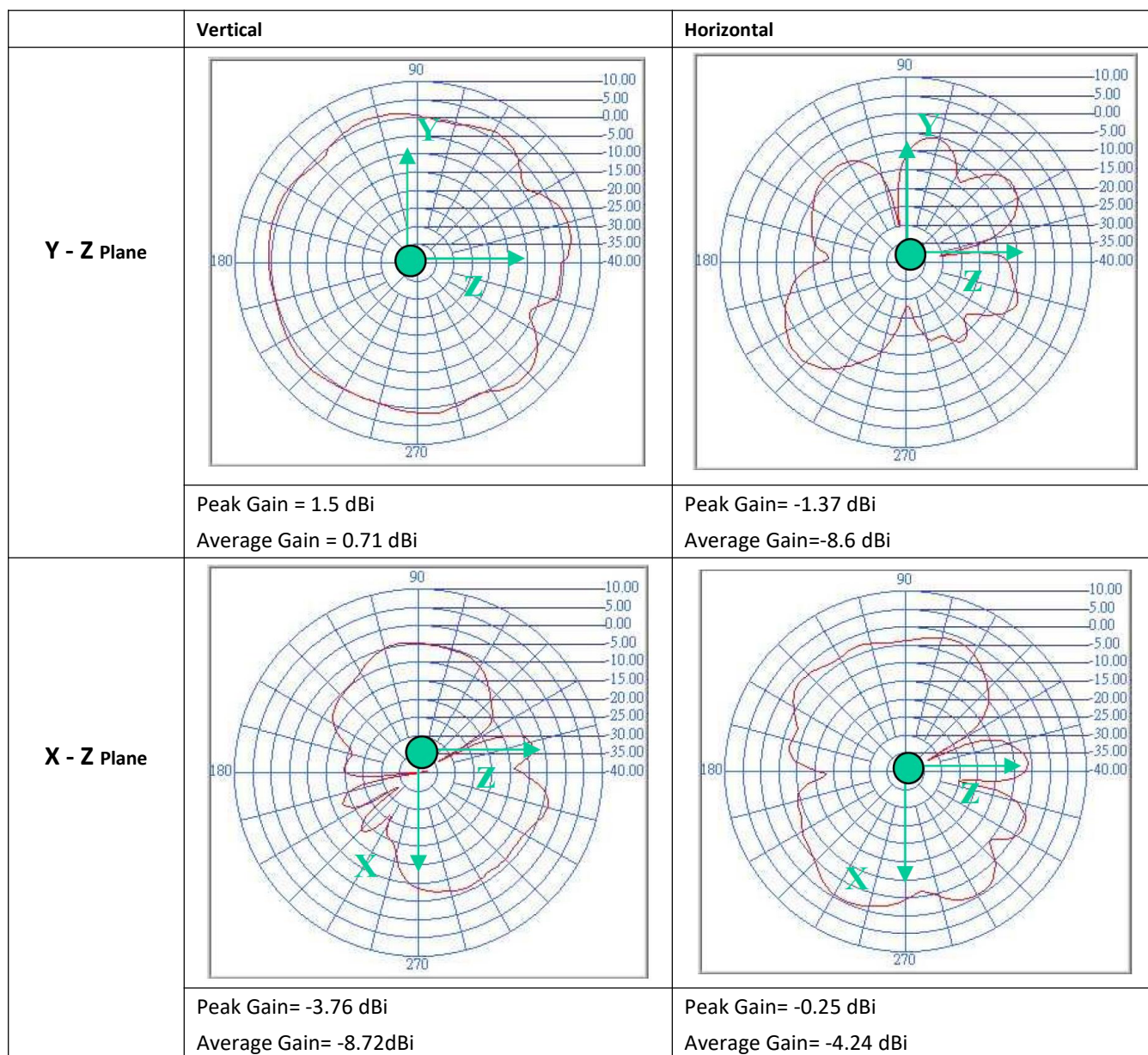
Operation Temperature	- 40°C ~ + 85°C
Storage Temperature	- 40°C ~ + 105°C

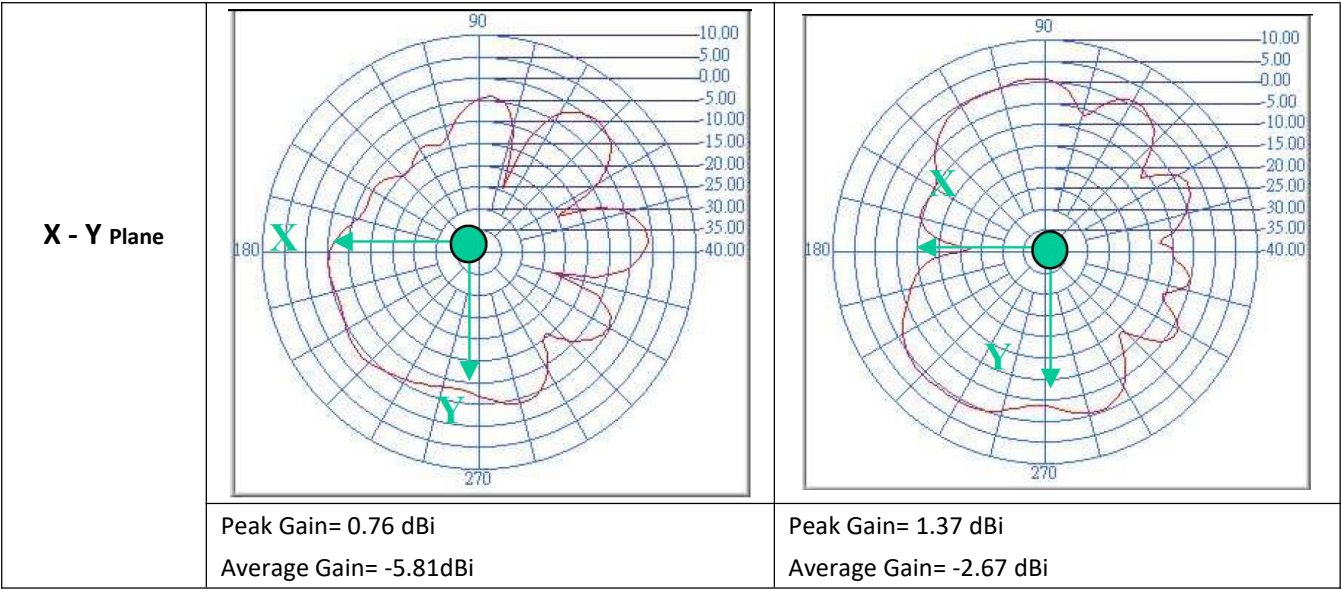
3、Return Loss



4、Radiation Pattern

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

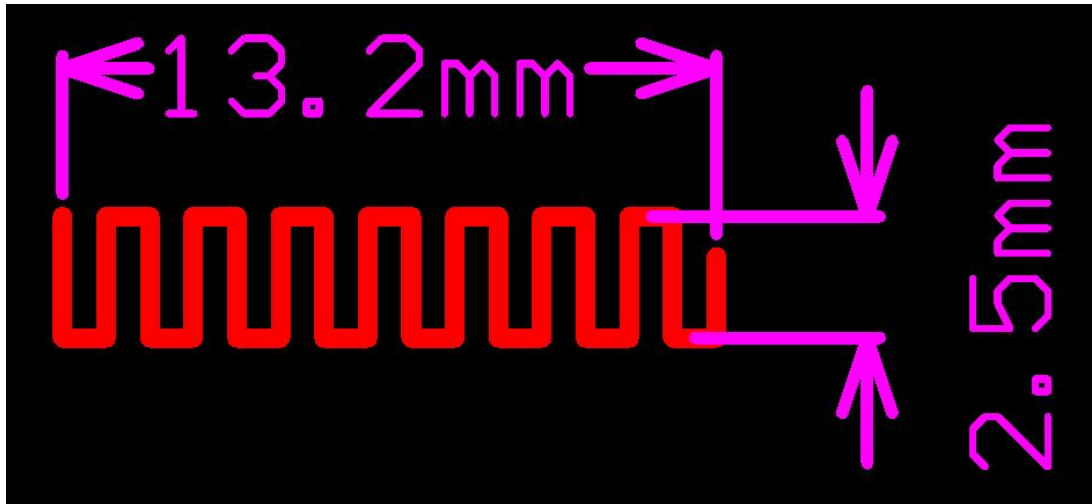




5、 Other information

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