

# Bluetooth antenna of PCB on-board specification

V2.1

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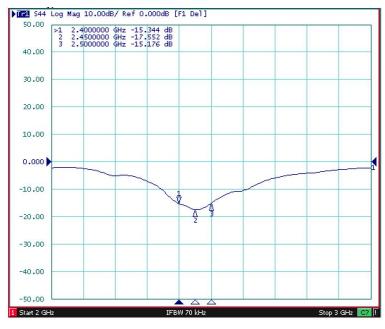
Manufacturer: Elitech Technology,Inc.



## 2. Specification

**Product Number: PCB Antenna Sample Photo:** A. Electrical Characteristics Frequency 2400 ~ 2500 MHz S.W.R. <=2.0 Gain 2.02 dBi ~ 50% 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

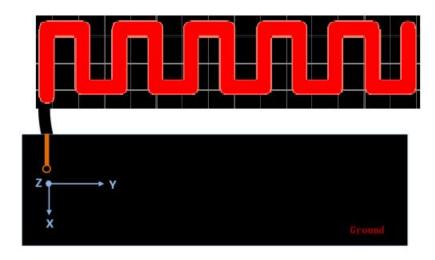
## 3. Return Loss

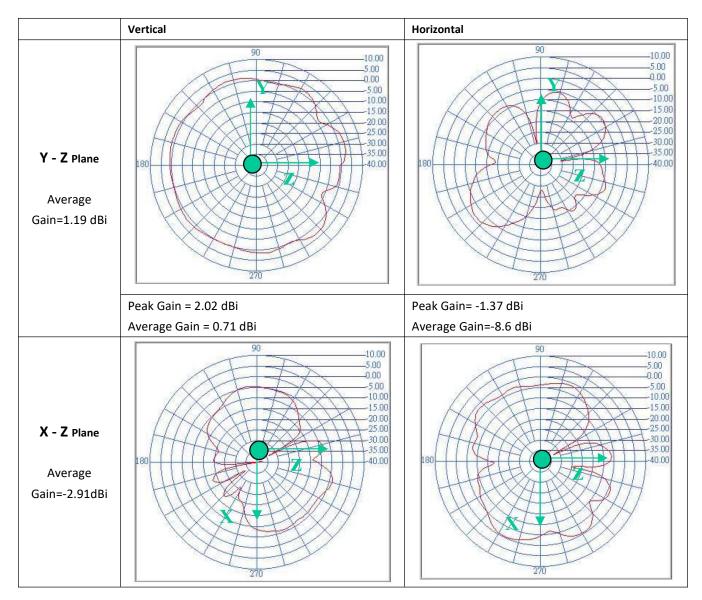


### 4 Radiation Pattern



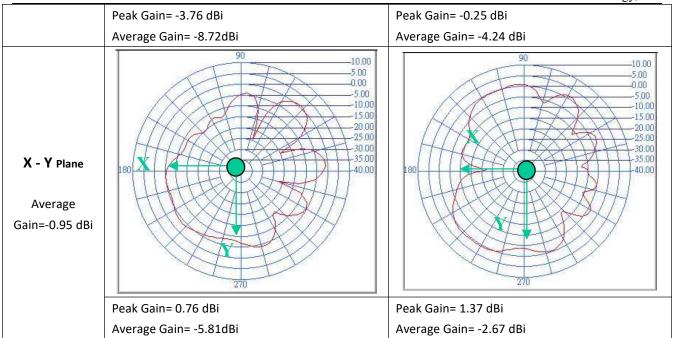
Radiation Pattern and Gain were dependent on measurement board design. The specification of coil antenna was measur ed based on the PCB size and installation position as shown in the below figure Test Board.







Elitech Technology,Inc.



#### 5. Size Information

