Bluetooth antenna specification

1, Index

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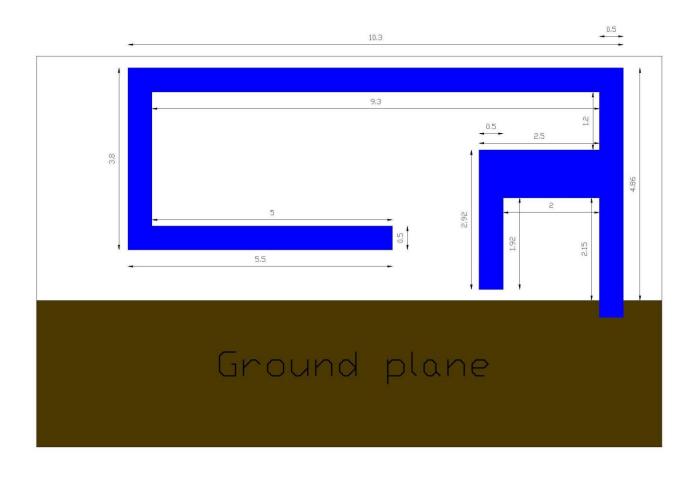
Release Date: 2019-10-21

Manufacturer: AS AUDIO.,LTO

Address: NO.19 YINPING Area, QingXi Town. Dongguan. China

2, Spec Drawing

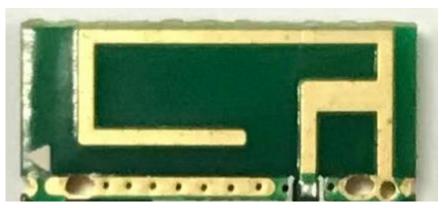
Unit: mm



3, Specification

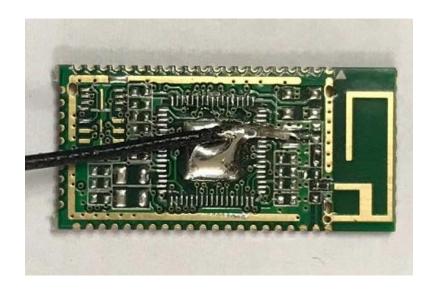
Product Number: 2.4GHZ PCB antenna

Sample Photo:

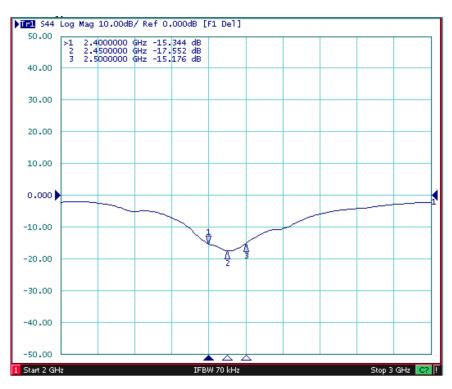


A. Electrical Characteristics			
Frequency	2400 ~ 2500 MHz		
S.W.R.	<=2.0		
Gain	1.98 dBi		
Efficiency	~ 40%		
Polarization	Linear		
Impedance	50 Ohm		
B. Material & Mechanical Characteristics			
Material of Radiator	copper		
C. Environmental			
Operation Temperature	- 40℃ ~ + 85℃		
Storage Temperature	- 40℃ ~ + 105℃		

4, Antenna On Test Board



5, Return Loss



6, 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.

