

Bluetooth antenna of PCB on-board specification

1, Index

Item	Content	Page	Remark	
1	Index	1		
2	Spec Drawing	2		
3	Specification	2		
4	Antenna On Test Board	3		
5	Return Loss	3		
6	Radiation Pattern	0/3		
.91				
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Ground copper

3, Specification

Product Number: 2.4GHZ coil antenna **Sample Photo:**

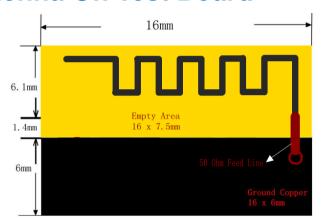
Product Number: 2.4GHZ coil antenna Sample Photo:				
A. Electrical Characteristics				
Frequency	2400 ~ 2500 MHz			
S.W.R.	<=2.0			
Gain	2.0 dBi			
Efficiency	~ 50%			
Polarization	Linear			
Impedance	50 Ohm			
B. Material & Mechanical Characteristics				
Material of Radiator	Gold-plated copper			
C. Environmental				
Operation Temperature	- 40℃ ~ + 85℃			
Storage Temperature	- 40℃ ~ + 105℃			

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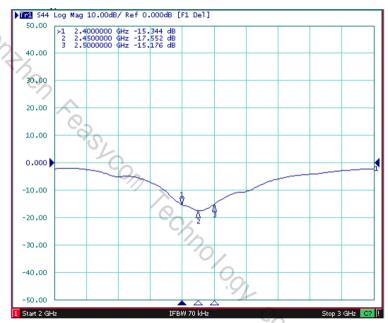


4, Antenna On Test Board



FR4 Thickness 0.8mm

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.



