# HJ-E16 Bluetooth antenna of PCB on-board specification

# V1.1

#### 1、Index

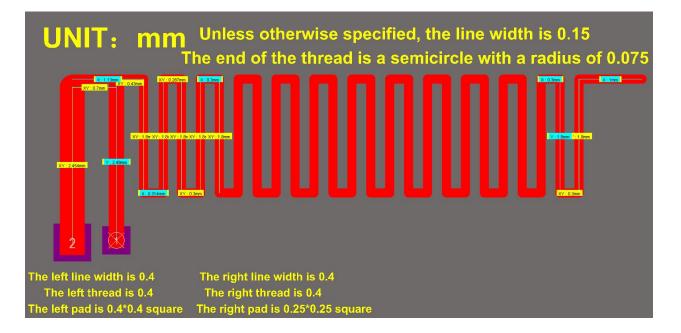
Item	Content	Page	Remark
1	Index	1	
2	Specification	2	
3	ANT size	2	
4	Return Loss	3	
5	Radiation Pattern	4-5	

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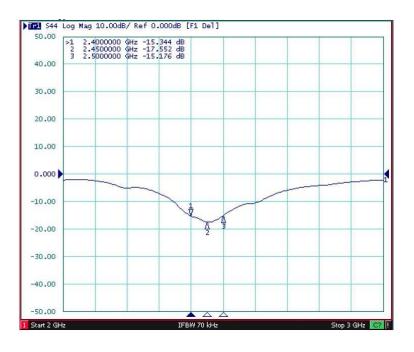
#### 2、 Specification

Product Number: PCB Antenna Sample Photo:				
HJ	-E16 V1.5			
A. Electrical Characteristics				
Frequency	2400 ~ 2500 MHz			
S.W.R.	≤1.8			
Gain	$Max \leq 1.76 dBi$			
Efficiency	~ 45%			
Polarization	Linear			
Impedance	50 Ohm			
B. Material & Mechanical Characteristics				
Material of Radiator	plated copper			
C. Environmental	C. Environmental			
Operation Temperature	- 40°C ~ + 85°C			
Storage Temperature	- 40°C ~ + 105°C			

## 3、 ANT size



### 3、 Return Loss



#### 4、Radiation Patter

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.

