

Shenzhen Yishengbang Technology Co., LTD

Antenna specification

电 话：0769-82553115

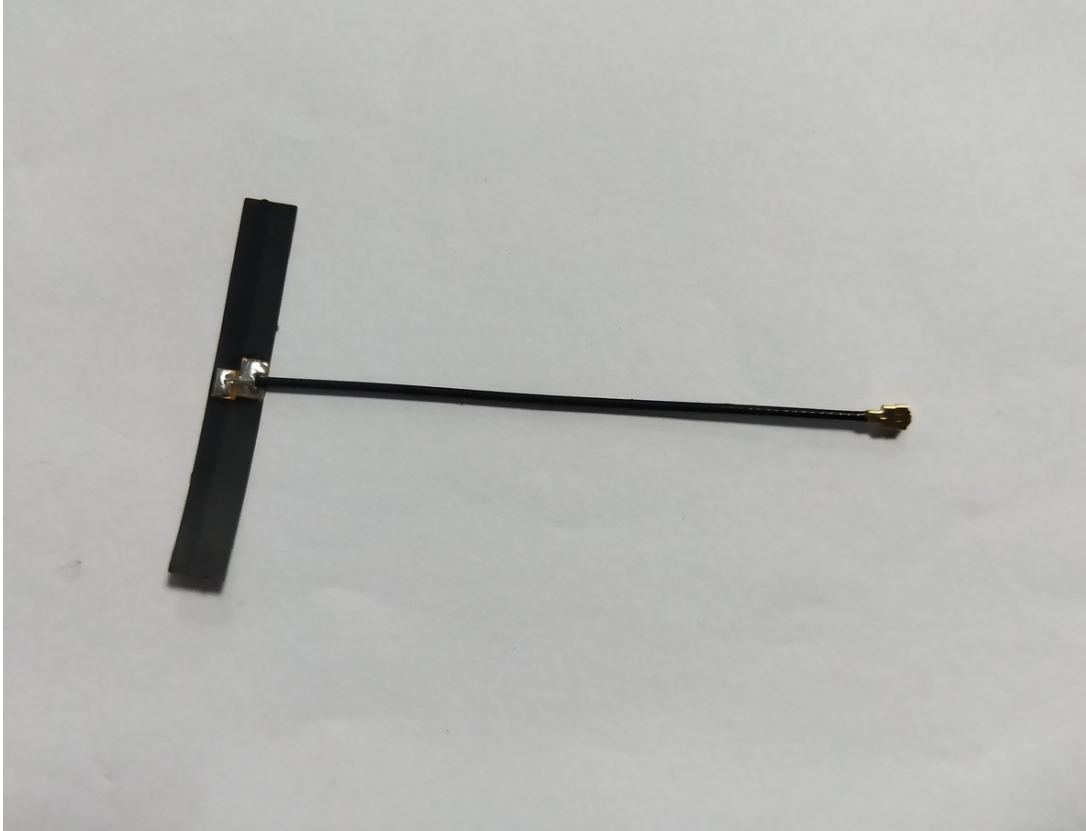
传 真：0769-82553116

WIFI+BT Antenna (4406)

1. Explanation of Product number :

S L K - N S D - 4 4 0 6 - M - 8 0 I - B

1 2 3 4 5



Product Code:

(1) Customer:

NSD:纳斯达

(2) Project:

4406: SLK-4406 (WIFI +BT antenna)

(3) Welding Position

R: Right

(4) Cable Length:

80I: 80*1.13MM一代端子

(5) Cable Color

B: Black

2. Features

*Stable and reliable in performances

*Compact size

*RoHS compliance

3. Applications

- * IEEE802.11 (b/g/n)
- * Hand-held devices when WIFI (802.11b/g/n) functions are needed

4. Description

Holy bond's FPC antenna series are specially designed for WIFI (802.11 b/g/n) applications. Based on Holy bond's proprietary design and processes, this FPC antenna has excellent stability and sensitivity to consistently provide high signal reception efficiency.

5. Electrical Specifications

5-1

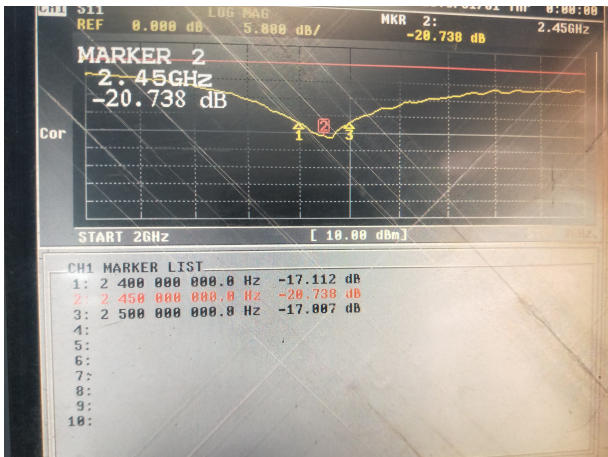
Characteristics	Specifications	Unit
Outline Dimensions	44.6x 6.33 x 0.12	mm
Center Frequency	2.4-2.5	GHz
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	2max	
Impedance	50	Ω
Polarization	Linear Polarization	

5-2.

VSWR



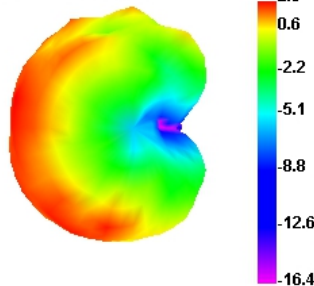
S11



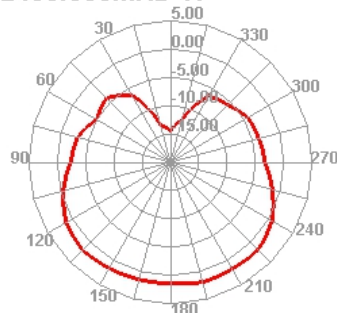
5-3.WIFI +BT Antenna Gain/Efficiency/Radiation Pattern of 3D

Frequency(MHz)	Efficiency (%)	Average Gain(dB)	Peak GAIN (dBi)
2400	65.58	-1.83	1.79
2410	58.73	-2.31	2.01
2420	59.79	-2.23	1.72
2430	57.77	-2.38	1.3
2440	58.32	-2.34	1.31
2450	57.6	-2.4	1.27
2460	58.48	-2.33	1.37
2470	59.79	-2.23	1.5
2480	62.73	-2.02	1.82
2490	64.83	-1.88	1.99
2500	68.26	-1.66	1.61

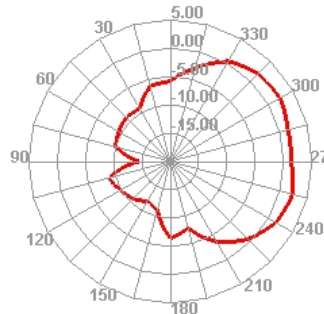
2450.000MHz



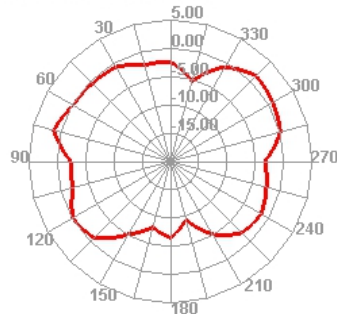
2450.000MHz H



2450.000MHz E1



2450.000MHz E2



6. Antenna Dimensions (unit: mm)

