

Shenzhen Yishengbang Technology Co., LTD
Sample acceptance letter
SPECIFICATION FOR APPROVAL

The name of the company: _____

The material code: _____

specifications: _____ 0TJ-01 _____

Admitted to date: _____

The name of the supplier: Shenzhen Yishengbang Technology Co., LTD

Supplier standard type number: WIFI:SLK-JH-4406-M-95I-B

The name of the supplier: Shenzhen Yishengbang Technology Co., LTD

Supplier address: 101, Building C, Shenzhen Qianwan Hard Technology
Industrial Park, Bao'an District, Shenzhen

telephone: 18025305599

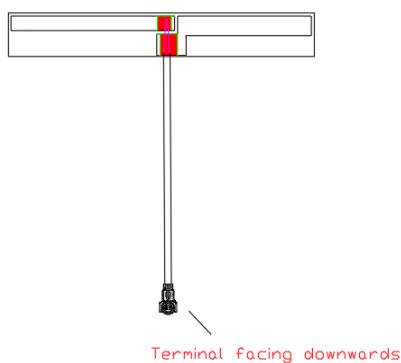
telephone: 18666299104

WIFI Antenna (4406)

1. Explanation of Product number :

S L K - J H - 4 4 0 6 - M - 9 5 I - B

1 2 3 4 5



Product Code:

(1) Customer:

JH: Juhong

(2) Project:

4406: SLK-4406(WIFI antenna)

(3) Welding Position

M:Middle

(4) Cable Length:

95I: 95*1.13MM First generation terminal

(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 (802.11 b/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.

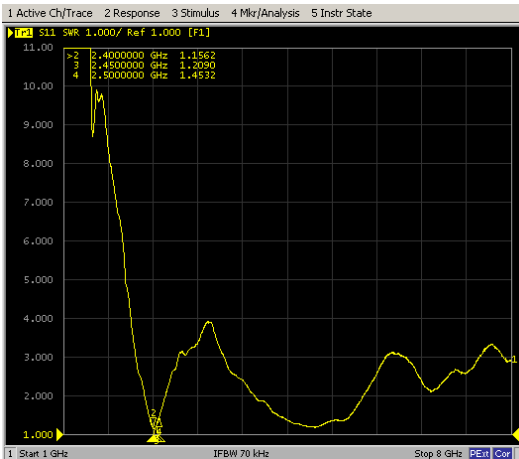
5. Electrical Specifications

5-1

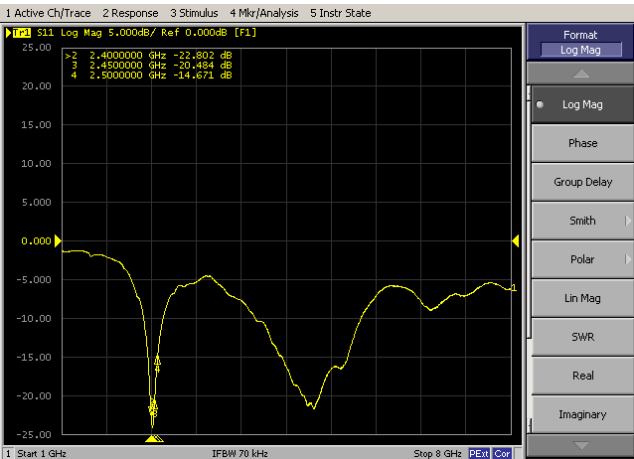
Characteristics	Specifications	Unit
Outline Dimensions	44.6x6.33x 0.12	mm
Center Frequency	2.4-2.5	GHz
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	3max	

5-2.

VSWR

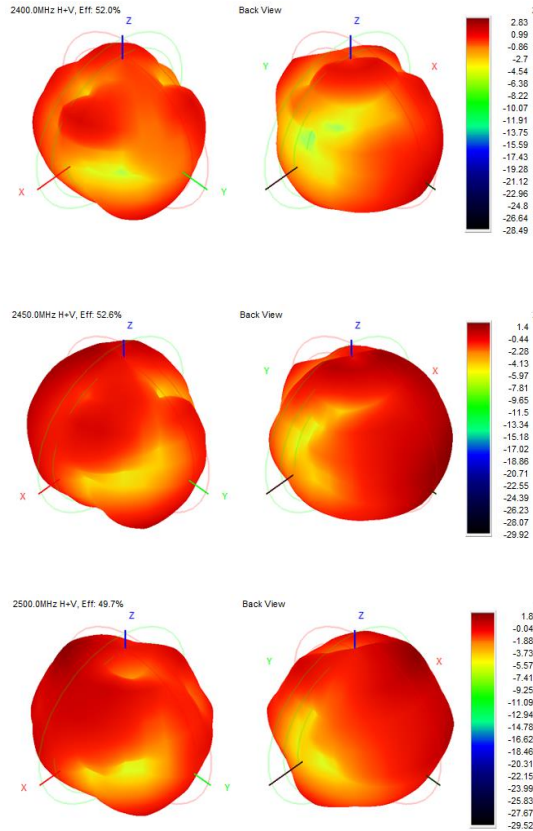


S11



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

Frequency (MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Efficiency (dBi)	-2.84	-2.78	-2.41	-2.57	-2.62	-2.79	-2.51	-2.87	-2.88	-2.90	-3.03
Gain (dBi)	2.83	2.52	2.60	2.11	1.92	1.40	1.97	1.59	2.07	2.22	1.80
Efficiency (%)	51.95	52.72	57.41	55.39	54.73	52.60	56.14	51.61	51.56	51.33	49.72



WIFI	CH	CCK TRP(11M)	CCK TIS(11M)	WIFI	CH	TRP(MSC7)	TIS(MSC7)
802.11b	1	15.99	-65.72	802.11n	1	15.69	-45.19
	6	16.46	-79.66		6	15.38	-63.75
	11	16.74	-80.91		11	15.58	-61.4
WIFI	CH	OFDM TRP(54M)	OFDM TIS(54M)				
802.11g	1	15.12	-50.09				
	6	15.01	-66.31				
	11	15.42	-66.5				

6. Antenna Dimensions (unit: mm)

