Shenzhen Yishengbang Technology Co., Ltd

深圳市亿圣邦科技有限公司

样 品 承 认 书

SPECIFICATION FOR APPROVAL

Model ： WIFI:SLK-ZKXC-2525B-L-80I-B

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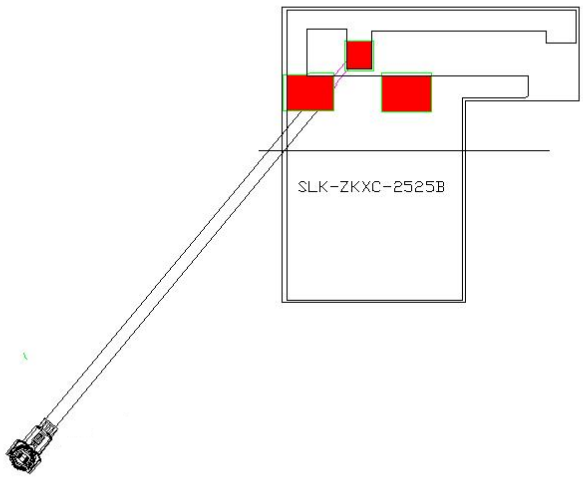
WIFI Antenna (2525B)

1. Explanation of Product number :

S L K - Z K X C - 2 5 2 5 B - L - 8 0 I - B

1 2 3 4 5



Product Code:
(1) Customer:
AKXC:
(2) Project:
2525B: SLK-ZKXC-2525B (WIFI antenna)
(3) Welding Position
L:Left
(4) Cable Length:
80I: 80*1.13MM
(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 (802.11b/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.

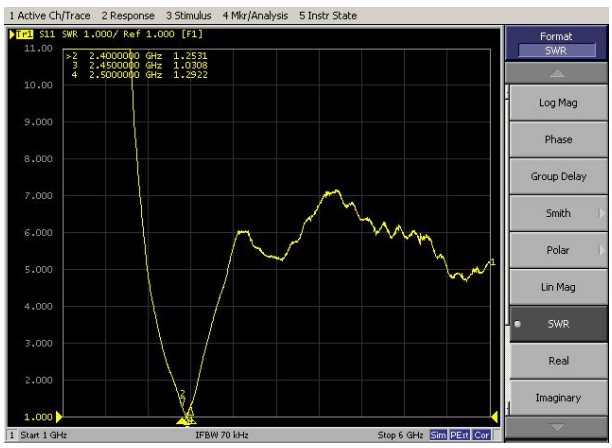
5. Electrical Specifications

5-1

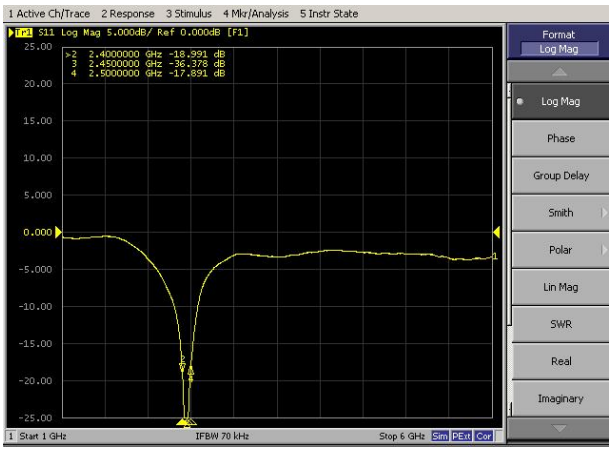
Characteristics	Specifications	Unit
Outline Dimensions	25.18x25x 0.12	mm
Center Frequency	2.4-2.5	GHz
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	2max	
Impedance	50	Ω
Polarization	Linear Polarization	

5-2.

VSWR



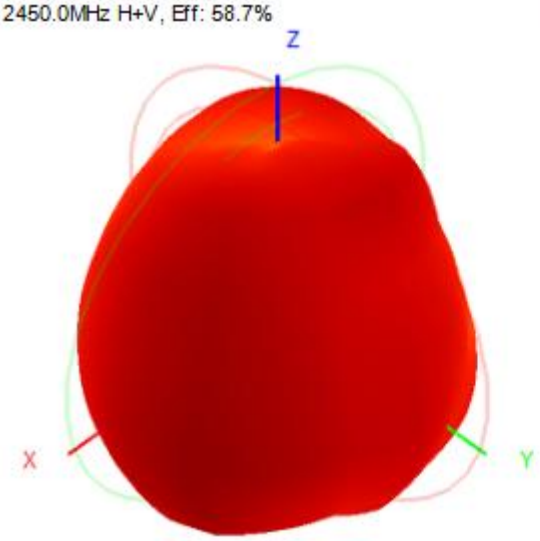
S11



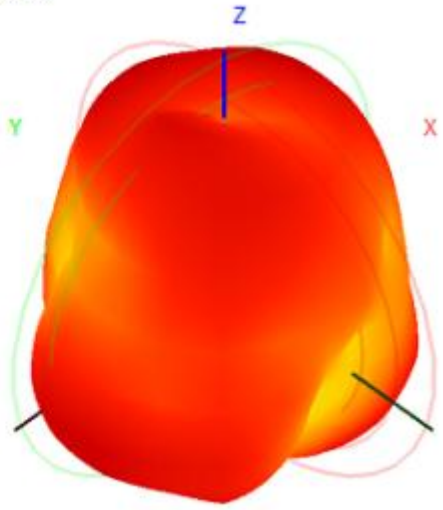
5-3.WIFI +BT Antenna Gain/Efficiency/Radiation Pattern of 3D

Frequency (MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0
Efficiency (dBi)	-2.35	-2.22	-2.32	-2.16	-2.27	-2.32	-2.31	-2.41	-2.26	-2.19	-2.34
Gain (dBi)	1.78	1.99	2.04	2.14	2.15	2.03	2.33	2.15	2.43	2.41	2.25
Efficiency (%)	58.19	60.03	58.59	60.80	59.28	58.66	58.81	57.39	59.48	60.44	58.37

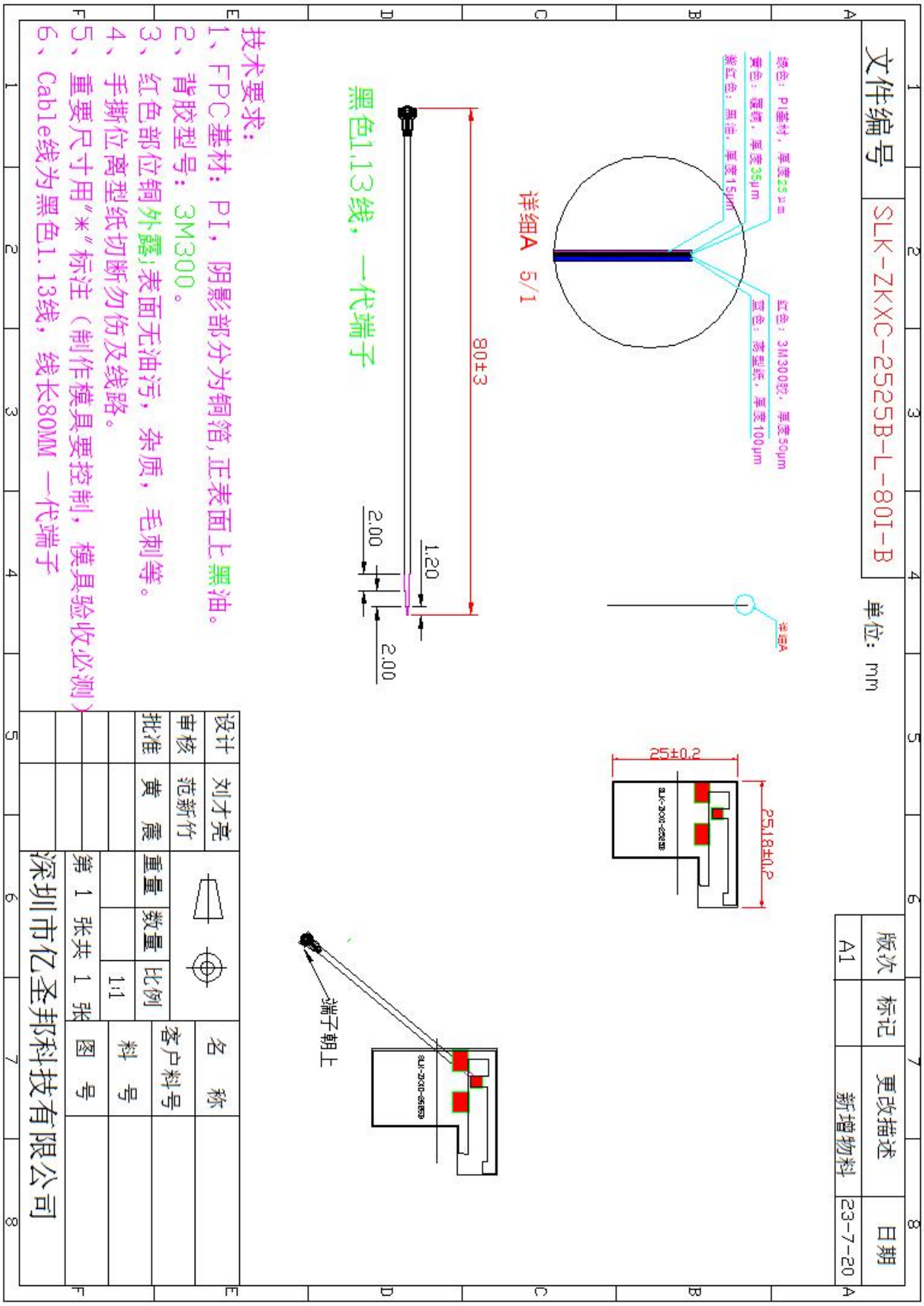
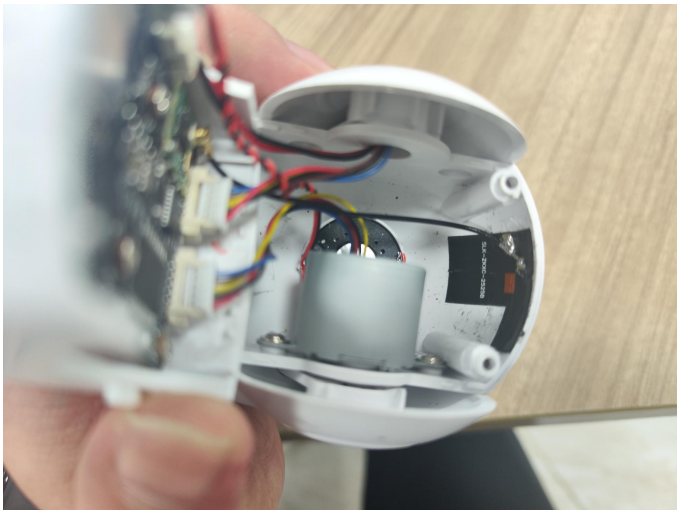
2450.0MHz H+V, Eff: 58.7%



Back View



6. Antenna Dimensions (unit: mm)



7. Antenna Picture