

深圳市亿圣邦科技有限公司
样 品 承 认 书
Shenzhen Yi Sheng Bang technology Co., LTD

SPECIFICATION FOR APPROVAL

Model: SLK-YLD-4406-M-245I-B

深圳市亿圣邦科技有限公司

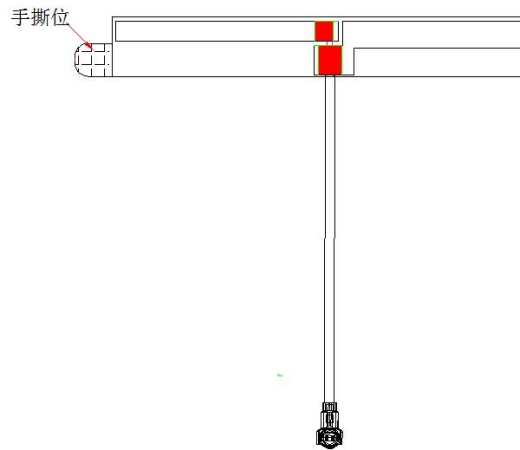
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深圳市宝安区西乡街道南昌社区前湾硬科技产业园 C 栋 101

101, Building C, Qianwan Hard Science and Technology Industrial Park, Nanchang Community,
Xixiang Street, Baoan District, Shenzhen

WIFI

1. Explanation of Product number :



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

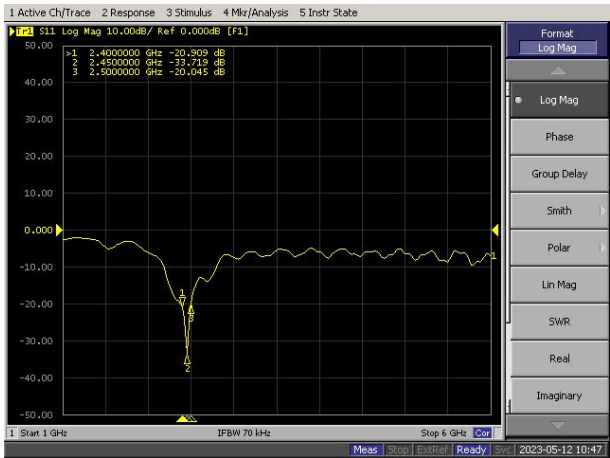
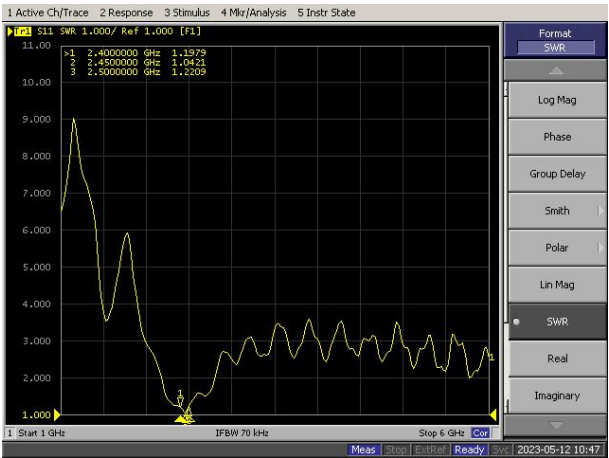
5-1

Characteristics	Specifications	Unit
Outline Dimensions	44.6x6.33x0.12	mm
Center Frequency	2.4-2.5	GHz
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	3max	

5-2.

VSWR

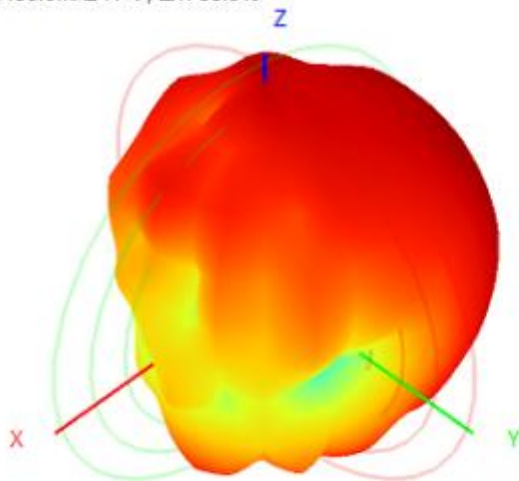
S11



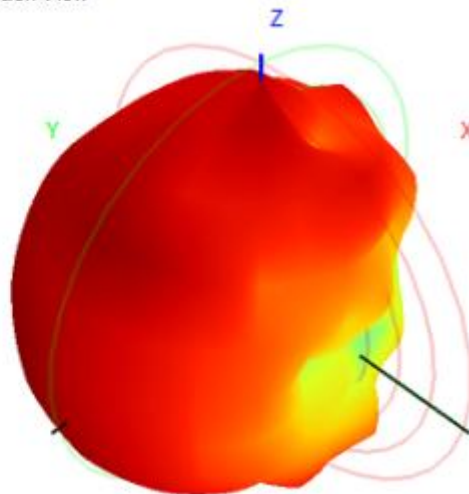
5-3.WIFI +BT Antenna Gain/Efficiency/Radiation Pattern of 3D

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)	-2.60	-2.62	-2.68	-2.56	-2.64	-2.68	-2.66	-2.75	-2.63	-2.58	-2.69
Gain (dBi)	3.44	3.26	2.97	3.13	2.82	2.68	2.66	2.63	2.89	3.24	2.97
Efficiency (%)	54.95	54.68	53.93	55.49	54.42	53.90	54.18	53.05	54.53	55.21	53.87

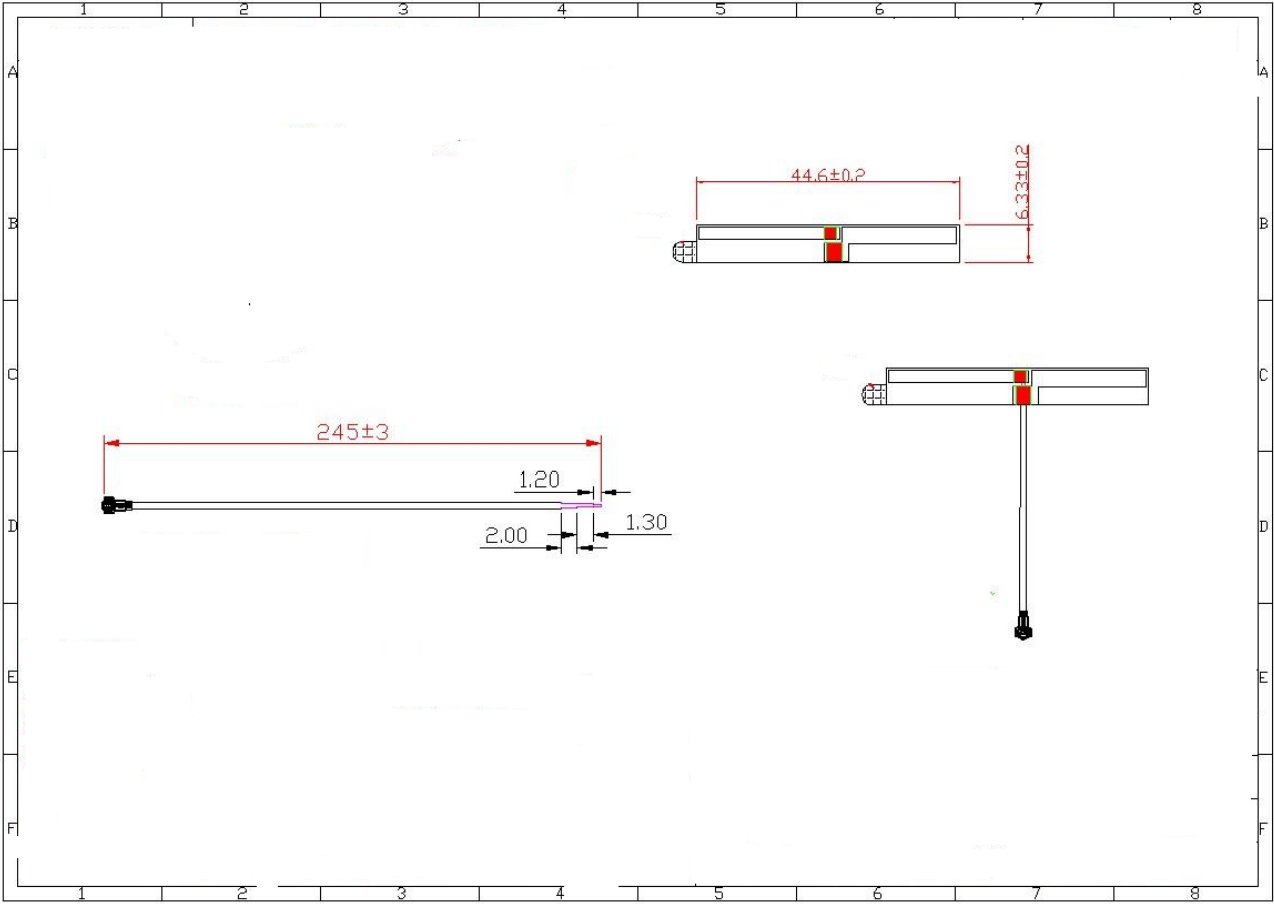
2450.0MHz H+V, Eff: 53.9%



Back View



6. Antenna Dimensions (unit: mm)



7. Antenna Picture

