

Supplier Name: Shenzhen Yishengbang Technology Co., Ltd.

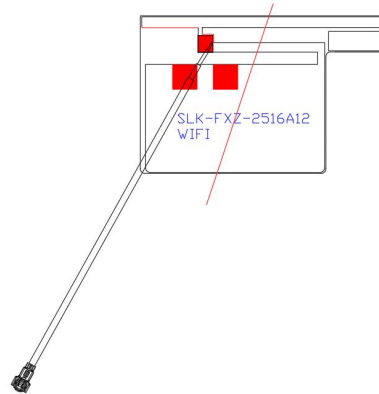
Supplier's Address: Shenzhen Qianwan Hard Technology Industrial
Park, Building C, Room 101, Bao'an District, Shenzhen, China.

WIFI 1 Antenna (2516A12)

1. Explanation of Product number :

S L K - F X Z - 2 5 1 6 A 1 2 - R - 3 0 0 I V - B - 1 . 1 3

1 2 3 4 5



Product Code:

(1) Customer:

FXZ:

(2) Project:

2516A12: SLK-2516A12(WIFI 1 antenna)

(3) Welding Position

L:Left

(4) Cable Length:

300IV: 300*1.13MM四代端子

(5)Cable Color

B:Black

2. Features

- *Stable and reliable in performances
- *Compact size
- *RoHS compliance

3. Applications

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

4. Description

Holy bond's FPC antenna series are specially designed for WIFI (802.11 a/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.

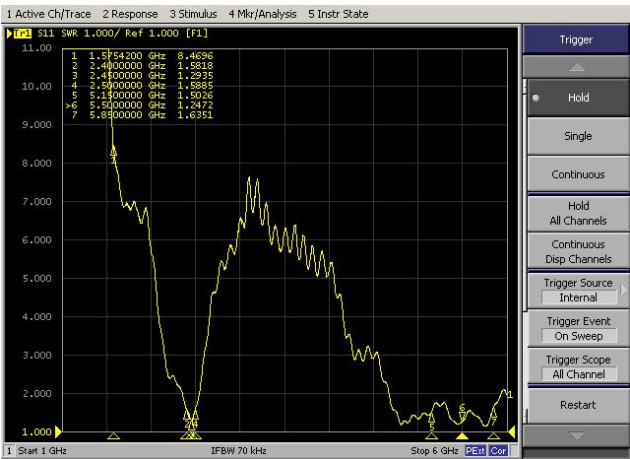
5. Electrical Specifications

5-1

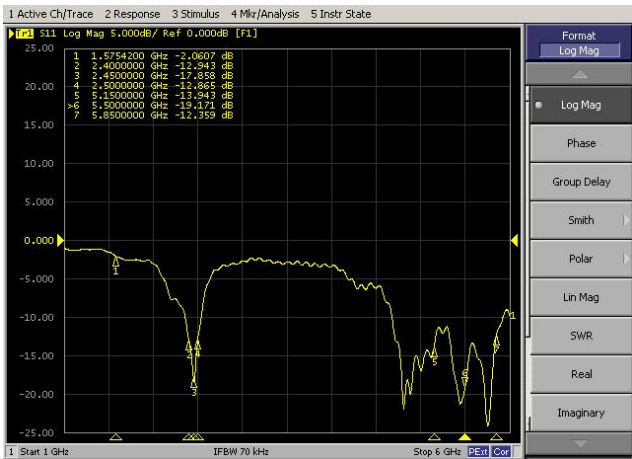
Characteristics	Specifications	Unit
Outline Dimensions	25.43x16.19x 0.12	mm
Center Frequency	2.4-2.5-5.15-5.85	GHz
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	3max	

5-2.

VSWR

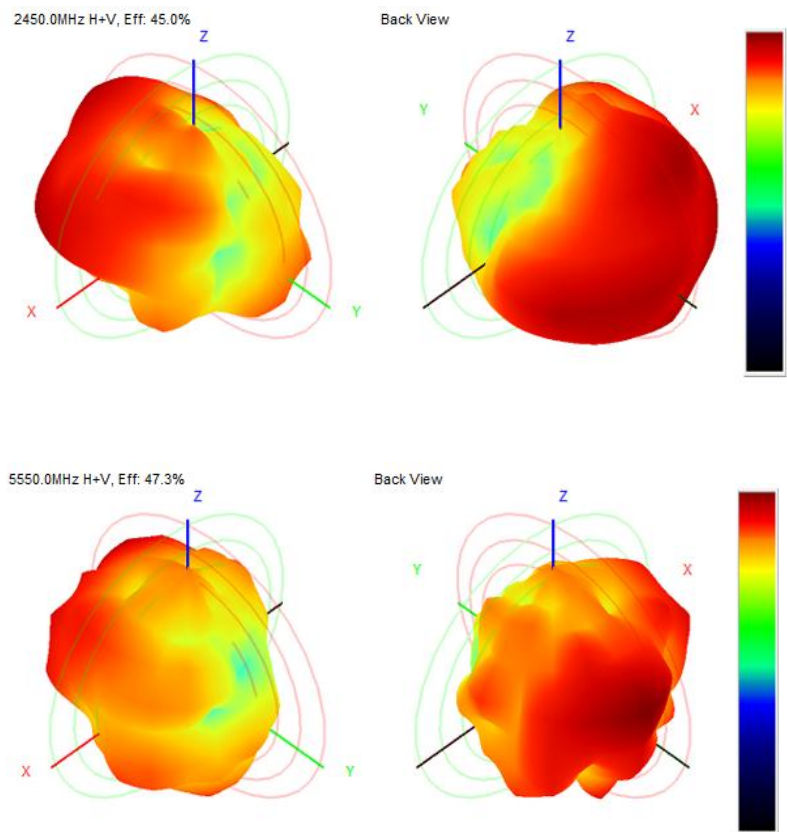


S11



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

Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
2400	-3.51	3.63	44.55
2410	-3.36	3.67	46.11
2420	-3.31	3.84	46.69
2430	-3.26	3.51	47.19
2440	-3.53	3.50	44.41
2450	-3.47	3.49	44.98
2460	-3.27	3.92	47.11
2470	-3.57	3.73	43.94
2480	-3.48	3.80	44.88
2490	-3.60	3.64	43.63
2500	-3.70	3.54	42.63
5150	-3.20	4.15	47.82
5350	-3.28	4.19	47.02
5550	-3.25	4.25	47.29
5750	-2.82	4.11	52.19
5850	-2.99	4.15	50.28



6. Antenna Dimensions (unit: mm)

文件编号	SLK-FXZ-2516A12-L-300IV-B-1.13				单位: mm	6	7	8
更改描述	新增物料				26-1-28			
版次	A1							
日期								

25.43±0.2

16.19±0.2

300±3

SLK-FXZ-2516A12
V1F1

1.20

2.00

1.80

SLK-FXZ-2516A12
V1F1

黑色1.13线, 四代端子

技术要求:

- 1、FPC基材: PI, 阴影部分为铜箔, 正表面上黑油。
- 2、背胶型号: 3M300。
- 3、红色部位铜外露; 表面无油污, 杂质, 毛刺等。
- 4、手撕位离型纸切断勿伤及线路。
- 5、重要尺寸用“*”标注 (制作模具要控制, 模具验收必测);
- 6、Cable线黑色1.13线, 线长300MM 四代端子。

设计	刘才亮	名称	
审核	刘顺	客户料号	
批准	黄震	料号	
		重量	
		数量	
		比例	1:1
		第 1 张 共 1 张	
		图号	

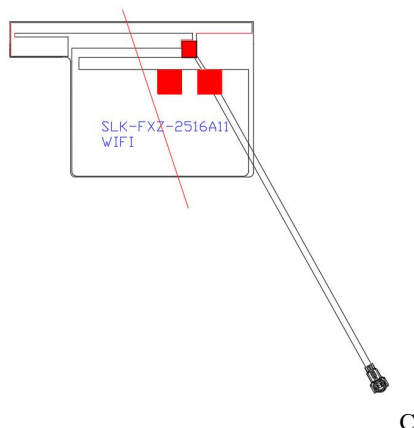
深圳市亿圣邦科技有限公司

WIFI 2 Antenna (2516A11)

1.Explanation of Product number :

S L K - F X Z - 2 5 1 6 A 1 1 - L - 3 0 0 I V - G - 1 . 1 3

1 2 3 4 5



Product Code:

(1) Customer:

FXZ:

(2) Project:

2516A11: SLK-2516A11(WIFI 2 antenna)

(3) Welding Position

R:Right

(4) Cable Length:

300IV: 300*1.13MM四代端子

(5)Cable Color

G: Gray

2. Features

*Stable and reliable in performances

*Compact size

*RoHS compliance

3. Applications

* IEEE802.11 (a/b/g/n)

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

4. Description

Holy bond's FPC antenna series are specially designed for WIFI (802.11 a/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

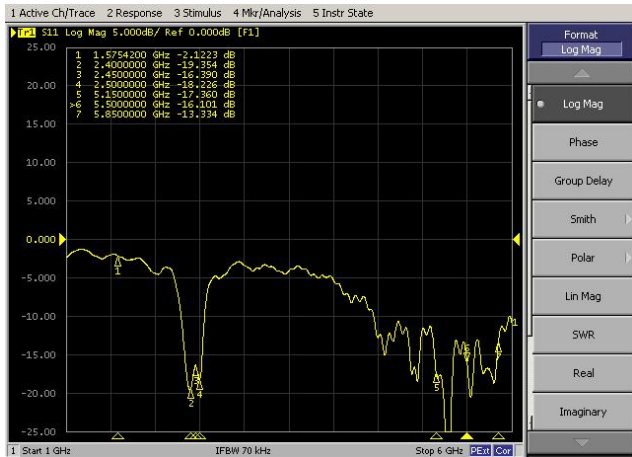
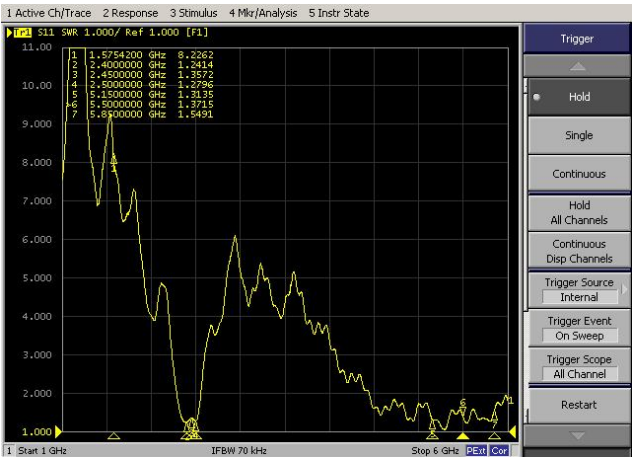
5-1

Characteristics	Specifications	Unit
Outline Dimensions	25.43x16.19x 0.12	mm
Center Frequency	2.4-2.5-5.15-5.85	GHz
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	3max	

5-2.

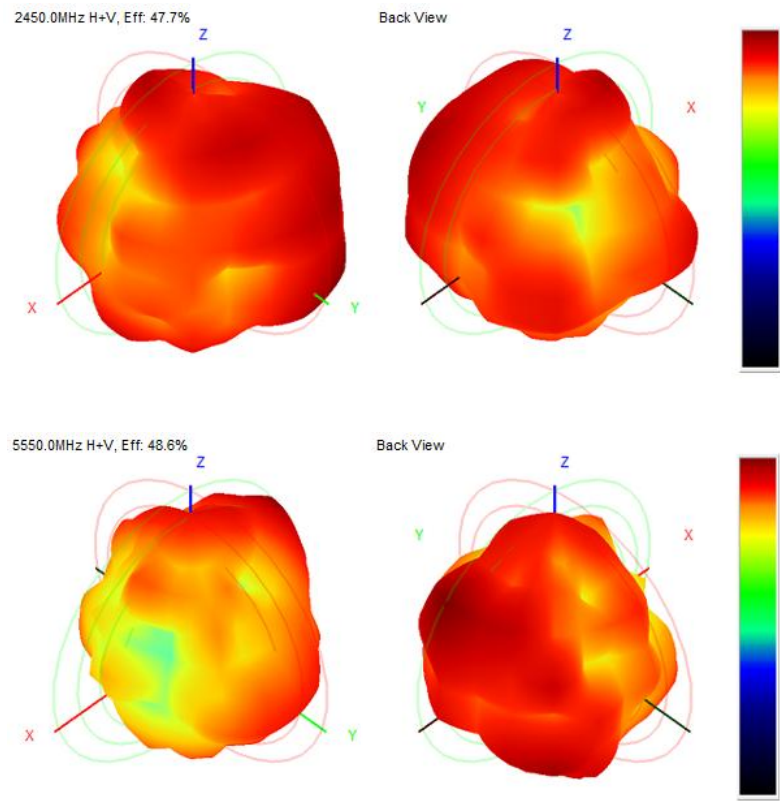
VSWR

S11



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

Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
2400	-3.47	3.70	44.93
2410	-3.35	3.92	46.14
2420	-3.31	3.99	46.65
2430	-3.34	3.50	46.33
2440	-3.22	3.63	47.59
2450	-3.21	3.58	47.72
2460	-3.37	3.77	45.97
2470	-3.21	3.60	47.69
2480	-3.12	3.67	48.71
2490	-3.40	3.61	45.65
2500	-3.58	3.61	43.79
5150	-3.25	4.22	47.28
5350	-3.27	4.23	47.00
5550	-3.13	4.48	48.62
5750	-3.15	4.37	48.41
5850	-3.10	4.34	48.96



6. Antenna Dimensions (unit: mm)

文件编号		SLK-FXZ-2516A11-R-3001V-G-1.13			单位: mm		版次	标记	更改描述	日期
							A1		新增物料	26-1-28

灰色1.13线, 四代端子

技术要求:

- 1、FPC 基材: PI, 阴影部分为铜箔,正表面上黑油。
- 2、背胶型号: 3M300。
- 3、红色部位铜外露;表面无油污, 杂质, 毛刺等。
- 4、手撕位离型纸切断勿伤及线路。
- 5、重要尺寸用“*”标注(制作模具要控制, 模具验收必测);
- 6、Cable线灰色1.13线, 线长300MM 四代端子。

设计	刘才亮		名称		
审核	刘 顺		客户料号		
批准	黄 震	重量	数量	比例	
				1:1	
		第 1 张 共 1 张		图 号	

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