

深圳市亿圣邦科技有限公司 样品承认书

SPECIFICATION FOR APPROVAL

公司名称 (客户填写): 深圳茂现电子有限公司
物料代码 (客户填写): _____
规格型号 (客户填写): GB07
承认日期 (客户填写): _____
供应商名称 (SLK 填写): 深圳市亿圣邦科技有限公司
供应商规格型号 (SLK 填写): _____

承 认 签 章					
供 应 商 承 认 (SLK 填写栏)			深圳茂现电子有限公司		
工 程 师	审 核	批 准	工 程 师	审 核	批 准
陈仕联	黄震	林美财			
盖章签署			盖章签署		
日 期	2024-1-12		日 期		
批示: <input type="checkbox"/> 接受 <input type="checkbox"/> 有条件接受					
备注 (客户填写):					

供应商名称: 深圳市亿圣邦科技有限公司
供应商地址: 深圳市宝安区深圳前湾硬科技产业园 C 栋 101
电 话: 18025305599 电 话: 18666299104

WIFI/BT Antenna

1. Explanation of Product number :



Product Code:

(1) Customer:

MX: 茂现

(2) Project:

2716: SLK-JMK-2025 (WIFI antenna)

(3) Welding Position

L: Left

(4) Cable Length:

40: 40IV*0.81MM 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 (802.11a/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.

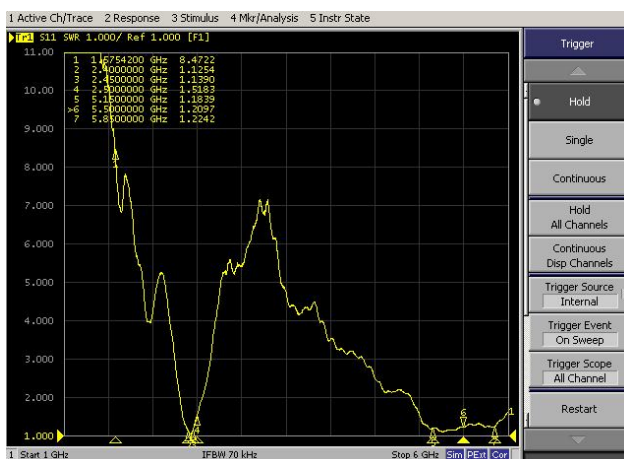
5. Electrical Specifications

5-1

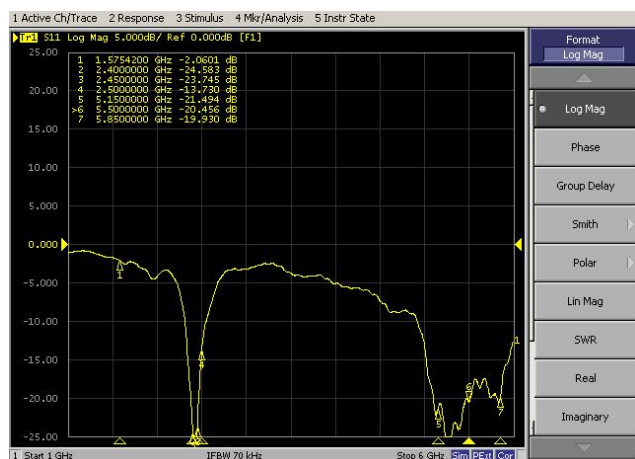
Characteristics	Specifications	Unit
Outline Dimensions	27.15x 16.19x 0.12	mm
Center Frequency	2.4-2.5-5.15-5.85	GHz
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	3max	

5-2.

VSWR

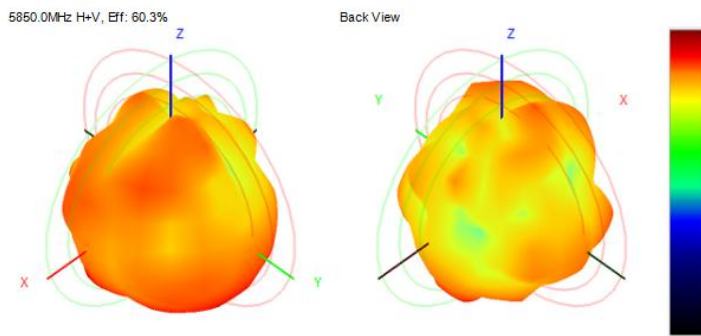
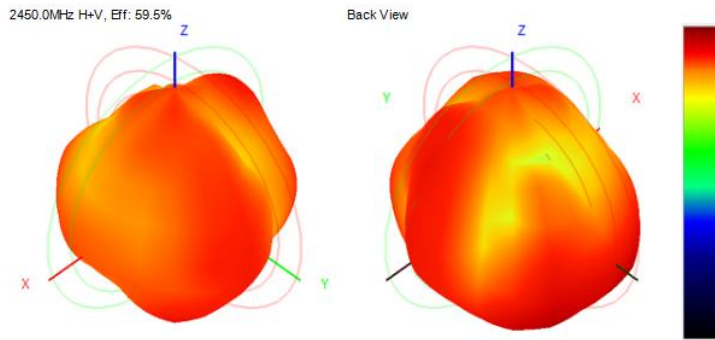


S11



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

Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
2400	-2.52	2.94	56.00
2410	-2.32	3.27	58.61
2420	-2.13	3.52	61.30
2430	-2.12	3.73	61.41
2440	-2.19	3.93	60.40
2450	-2.26	3.89	59.46
2460	-2.18	3.22	60.51
2470	-2.36	3.84	58.02
2480	-2.39	3.06	57.72
2490	-2.43	3.94	57.19
2500	-2.81	3.40	52.36
5150	-2.41	3.51	57.37
5350	-2.39	3.73	57.185
5550	-2.36	3.19	58.10
5750	-1.99	3.22	63.19
5850	-1.53	3.85	60.28



WIFI 有源测试			
频段	1	6	11
B-TRP-11MBps	12.01	11.98	13.27
B-TIS-11MBps	-78.59	-78.7	-78.03
G-TRP-54MBps	10.78	11.83	11.08
G-TIS-54MBps	-68.35	-68.38	-68.54
N-TRP-MCS7	10.19	12.58	10.05
N-TIS-MCS7	-65.92	-65.96	-65.95
频段	1	6	11
A-TRP-54MBps	10.07	12.38	10.42
A-TIS-54MBps	-67.07	-66.05	-65.92

WIFI Antenna

1. Explanation of Product number :



Product Code:

(1) Customer:

MX:茂现

(2) Project:

3016: SLK-JMK-2025 (WIFI antenna)

(3) Welding Position

L:Left

(4) Cable Length:

185: 185IV*0.81MM四代端子

(5)Cable Color

G: Gray

2. Features

*Stable and reliable in performances

*Compact size

*RoHS compliance

3. Applications

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

4. Description

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

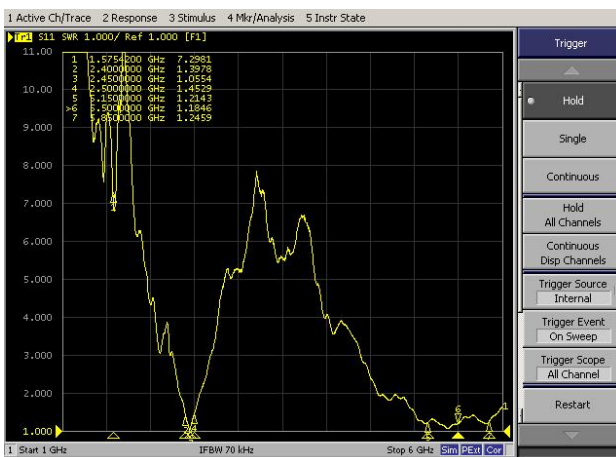
5-1

Characteristics	Specifications	Unit
Outline Dimensions	30.5x 16.19x 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.

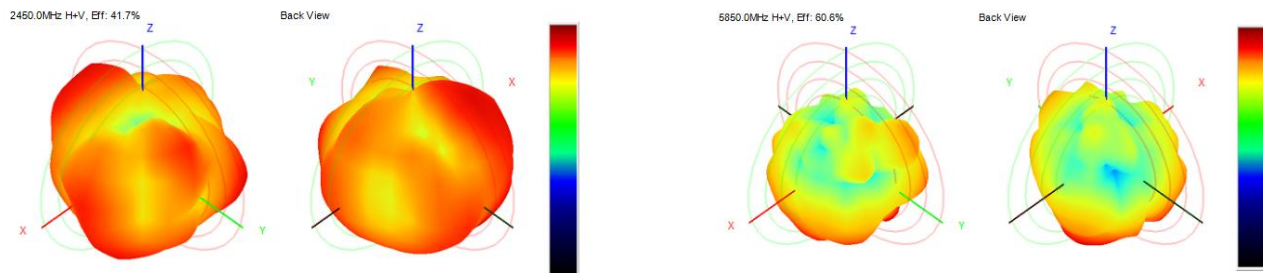
VSWR

S11



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

Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
2400	-4.30	2.74	37.16
2410	-4.00	3.33	39.77
2420	-3.94	3.46	40.36
2430	-3.72	3.78	42.45
2440	-3.86	3.63	41.11
2450	-3.80	3.54	41.73
2460	-3.58	3.79	43.82
2470	-3.77	3.47	41.96
2480	-3.79	3.81	41.80
2490	-3.89	3.70	40.86
2500	-4.26	3.19	37.49
5150	-3.12	3.64	48.70
5350	-3.19	3.53	47.98
5550	-2.87	3.50	51.68
5750	-1.94	3.97	63.94
5850	-1.64	3.41	60.57



WIFI 有源测试			
频段	1	6	11
B-TRP-11MBps	12.01	11.98	13.27
B-TIS-11MBps	-78.59	-78.7	-78.03
G-TRP-54MBps	10.78	11.83	11.08
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N-TRP-MCS7	10.19	12.58	10.05
N-TIS-MCS7	-65.92	-65.96	-65.95
频段	1	6	11
A-TRP-54MBps	10.07	12.38	10.42
A-TIS-54MBps	-67.07	-66.05	-65.92