

高畅电子科技有限公司

GAOCHANG ELECTRONIC TECHNOLOGY Co., Ltd

规格承认书

SPECIFICATION FOR APPROVAL

编号: 16112102

File No.

版本: 1.0

Rev
ision

客 户
CUSTOMER: _____

客户料号
CUSTOMER NO: _____

品 名 **2.4GHz PCB板载 Antenna**
PART NAME: _____

供方料号
SUPPLIER NO: _____

送样日期 Date: 送样数量 Q'TY: PCS

客户确认		CUSTOMER APPROVED BY
APPROVAL	CHIEF	SUPERVISOR

供方确认		SUPPLIER SIGNATURE
APPROVAL	CHECK	DESIGN

SH-RD-F04-A

add: 东莞市凤岗镇塘村沥红石桥新华工业区2栋3楼电话: 0769-87840035传真: 0769-87840035
Address: 3rd Floor, Building 2, Xinhua Industrial Zone, Lihong Stone Bridge, Tangcun, Fenggang Town, Dongguan,
Guangdong, China
Phone: +86-769-87840035
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承认书项目表

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电性测试报告

Test Reports

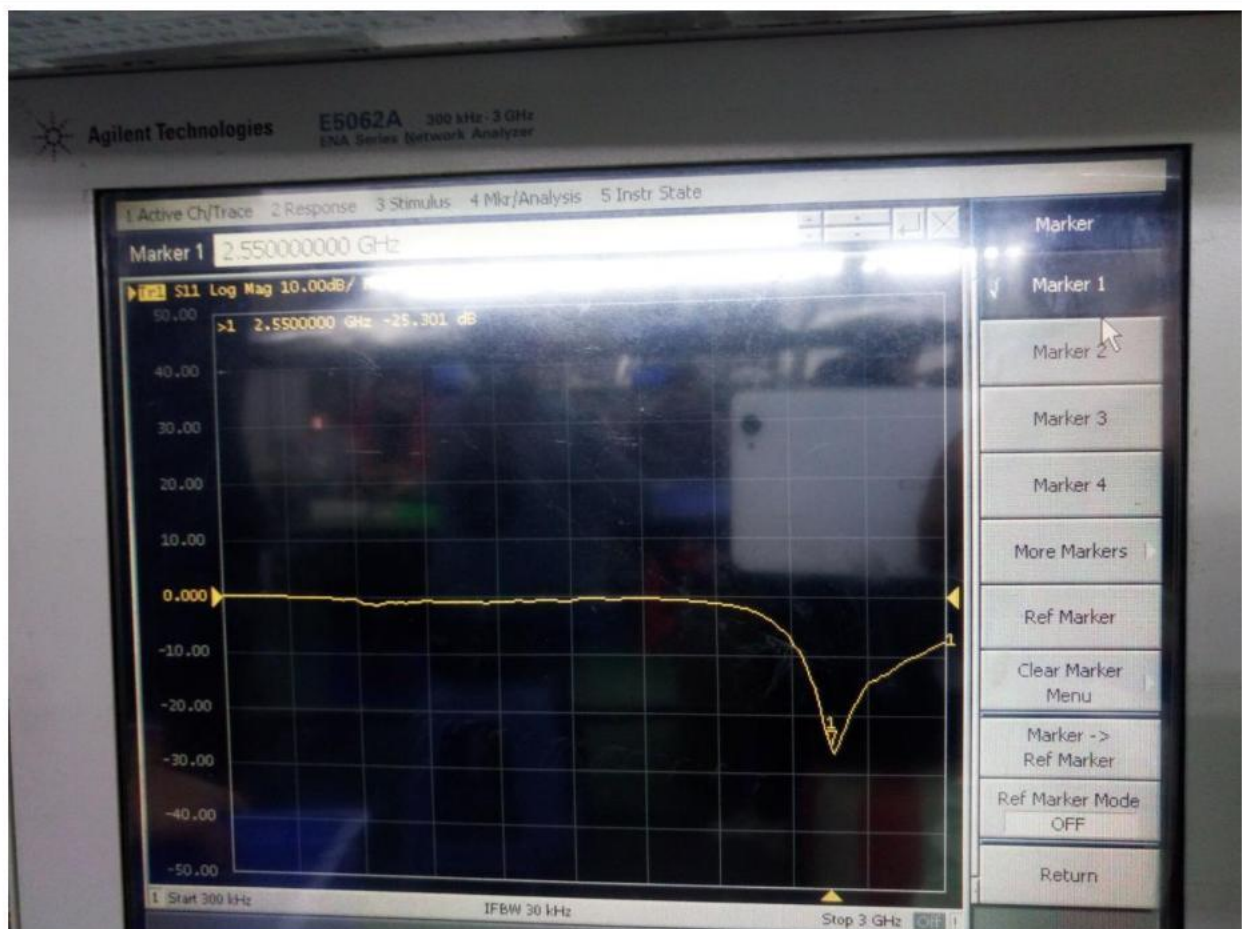
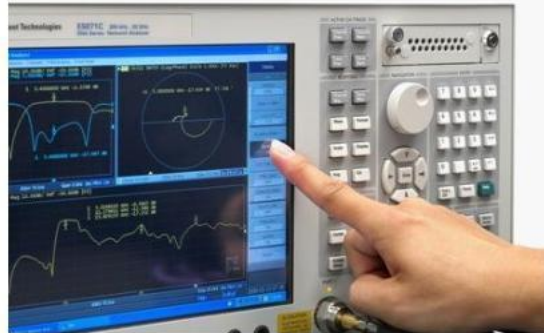
Electrical Properties	
Frequency	2.4GHz
Impedance	50 Ohm Nominal
V.S.W.R	1.92 : 1 Max
Return Loss	-10 dB Max
Radiation	Omni-directional
Gain (Peak)	1.94 dBi
Cable Loss	3.2 dB / m Max @ 2450 MHz
Polarization	Linear, Vertical
Admitted Power	1 W
Connector	
Physical Properties	
Antenna Material	PCB
Cable Type	
Operating Temp.	-10 ~ +60 °C
Storage Temp.	-10 ~ +70 °C
Cable Color	

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S参数测试

S Parameter Test

Agilent E5071C

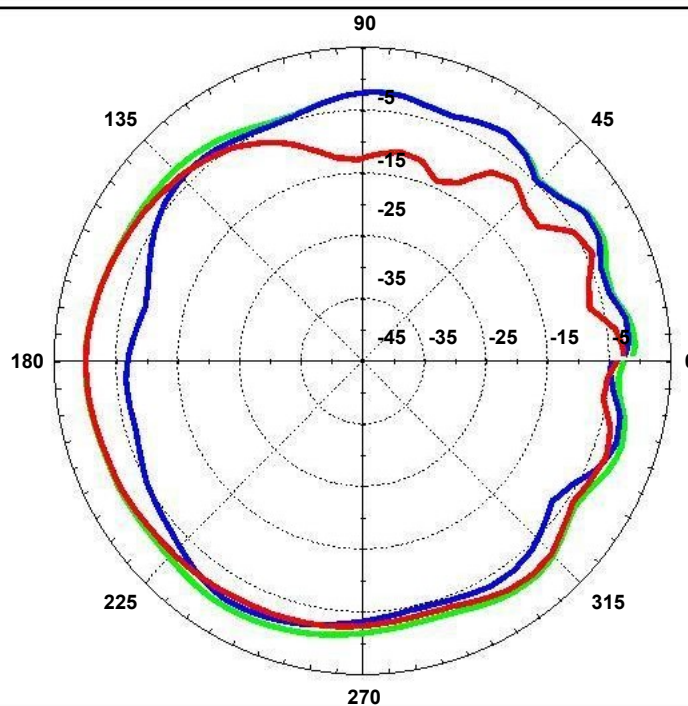


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增益测试

Gain Test

*Antenna
Radiation
Pattern
VS
Gain*



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RoHS		CUSTOMER		REV.		DESCRIPTION		DATE											
PART NO.				△		首次发行		2017-05-05											
东莞市高畅电子科技有限公司 PART NAME: WIFI ANTENNA PART NO.: A-035-102A DATE: 2017-05-05 <table border="1"> <tr> <td>APPROVED BY</td> <td>CHECKED BY</td> <td>DESIGNED BY</td> <td rowspan="3"> Tolerance X.X ±0.50 X.XX ±0.15 X° ±3° </td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="3"> UNITS: mm SCALE: 1/1 REVISION: A </td> </tr> </table>										APPROVED BY	CHECKED BY	DESIGNED BY	 Tolerance X.X ±0.50 X.XX ±0.15 X° ±3°				UNITS: mm SCALE: 1/1 REVISION: A		
APPROVED BY	CHECKED BY	DESIGNED BY	 Tolerance X.X ±0.50 X.XX ±0.15 X° ±3°																
UNITS: mm SCALE: 1/1 REVISION: A																			
1	PCB	27x8.5mm	1																
NO	PART NAME	DESCRIPTION	Q.TY																

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Passive Test For 2.4								
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	UHS (%)	DHS (%)	Max (dB)	Min (dB)
2400	59.52	-2.25	1.74	2.59	17.404	42.116	1.74	-15.98
2410	57.06	-2.44	1.61	2.46	16.988	40.071	1.61	-16.43
2420	58.9	-2.3	1.82	2.67	17.853	41.047	1.82	-14.86
2430	60.98	-2.15	1.94	2.79	19.046	41.929	1.94	-15.28
2440	60.05	-2.22	0.5	2.89	18.929	41.118	0.5	-16.06
2450	57.65	-2.39	1.92	2.77	18.834	38.812	1.92	-16.28
2460	51.21	-2.91	1.49	2.34	17.497	33.715	1.49	-16.08
2470	49.05	-3.09	1.23	2.08	17.954	31.101	1.23	-15.57
2480	48.59	-3.13	1.16	2.01	18.701	29.889	1.16	-15.69
2490	49.17	-3.08	1.09	1.94	19.826	29.349	1.09	-15.38
2500	43.12	-3.65	1.47	1.32	17.831	25.29	1.47	-15.29

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