

开发案号: Y221024132

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承 认 书

Acknowledgement

调试项目: DA919

Commissioning Item:

博安通料号: 79300011

Boonton Material No.:

规格描述: 内置天线-2.4 / 5G-FPC-16.9×7mm

Specification: Built-in antenna-2.4/5G-FPC-16.9×7mm

出厂签章:

Signed by factory:

编 写 Write	审 核 Review	批 准 Approval
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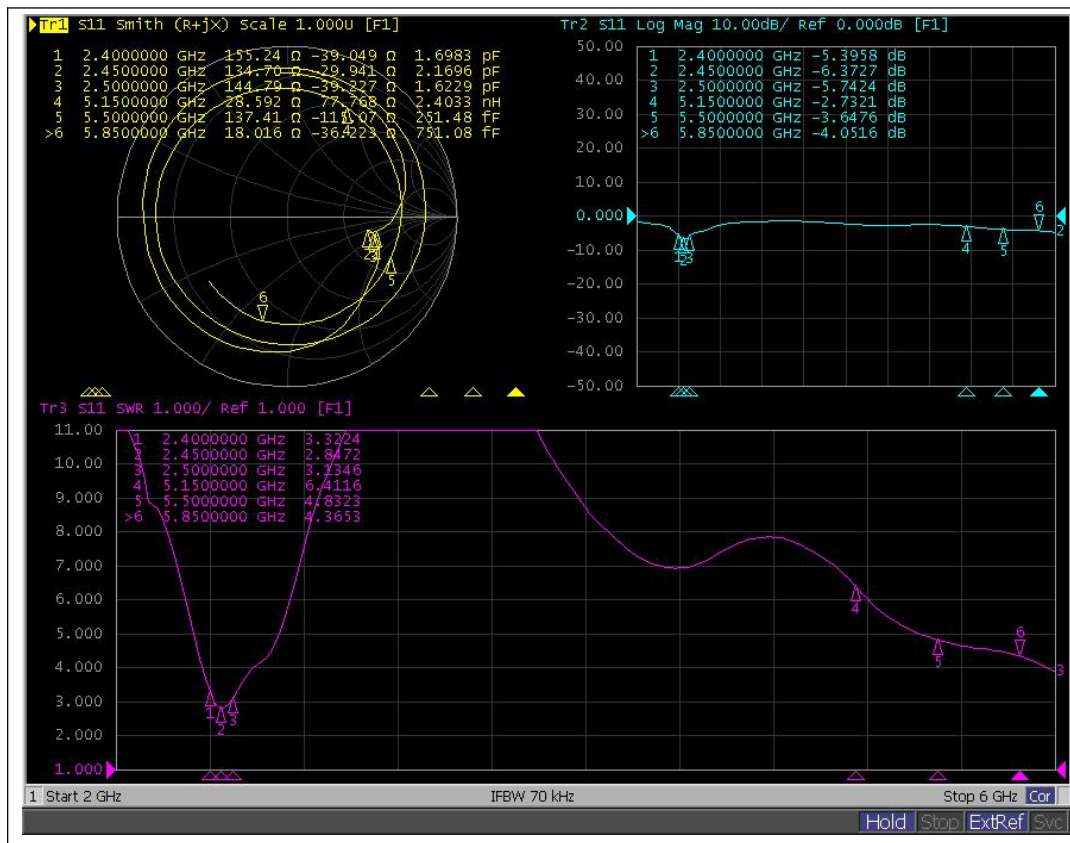
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4、性能参数

电气参数 Electrical parameters	
频率范围 Frequency Range	2400-2500MHz/5150-5850MHz
输入阻抗 Input Impedance	50 Ω
驻波比 VSWR	对照工程封样 Comparison with engineering sealing sample
极化方式 Polarisation	线极化 Polarisation Line
辐射方向 Radiation Direction	全向 Omni-directional
环境参数 Environmental parameters	
工作温度 Working temperature	-20℃~40℃

5、Electrical Performance Test Report (Whole Machine)



5.2 Standing wave ratio data

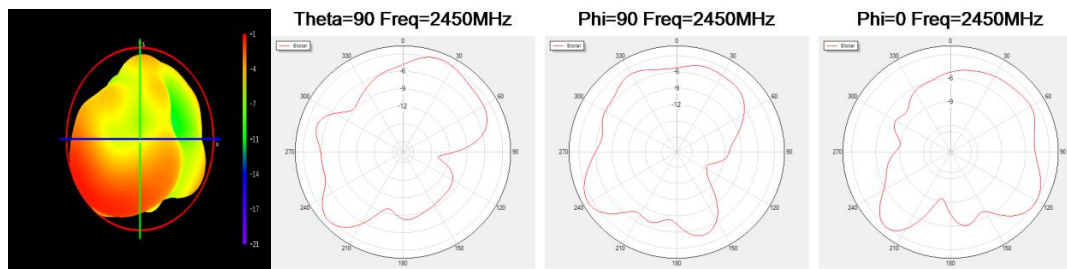
Frequency /MHz	2400	2450	2500	5150	5500	5850
VSWR	3.32	2.84	3.13	6.41	4.83	4.36

5.3 Antenna darkroom test data

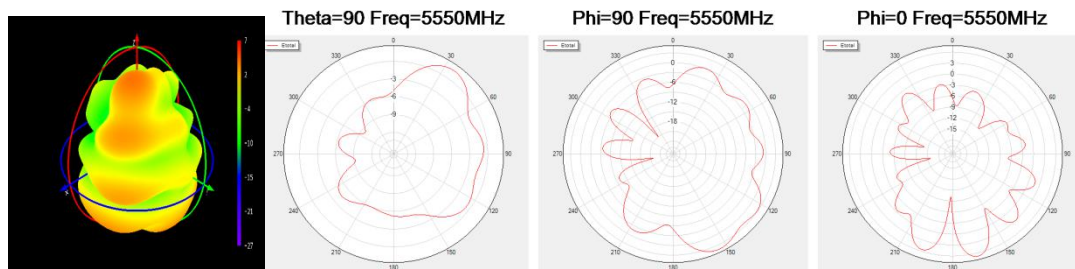
Frequency (MHz)	DA919	
	Gain (dBi)	Efficiency (%)
2400	1.72	33.1
2410	1.67	32.48
2420	1.65	32.39
2430	1.32	33.65
2440	1.6	31.91
2450	1.39	32.21
2460	0.96	34.88
2470	0.94	33.4
2480	0.23	31.86
2490	1.77	33.7
2500	1.43	36.04
5150	3.12	58.38
5250	2.82	56.29
5350	2.76	52.27
5450	3.08	52.51
5550	3.82	56.86
5650	4.03	51.24
5750	3.2	52.86
5850	3.21	50.29

➤ Antenna pattern

2450MHz



5550MHz



6、Table of material composition and hazardous substances

项次	Specification	Material	RoHSTest result (PPM)						ICPTTest Number	Detection time
			Cd	Pb	Hg	Cr+6	PBB	PBDE		
1	FPC	PI	ND	ND	ND	ND	ND	ND	SHAEC23001049105	2023/2/15
		Back adhesive	ND	ND	ND	ND	ND	ND	SHAEC2217569205	2023/1/4

产品包装规范

PACKING CRITERION

Product material number: 79300009

Product Specification: Built-in antenna-2.4 / 5G-FPC-16.9×7mm

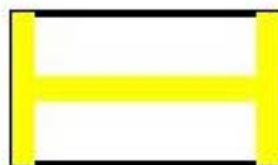
一、Label requirements (Refer to the corresponding finished product label production requirements based on the customer's name. If there are no requirements, follow the ordinary label requirements)

Outer packaging:

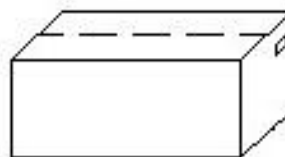
The quantity per box is determined according to the actual packaging

Notes:

1. Whether to add partitions and pearl cotton;
- 2 The application of labels, such as ROHS, etc



纸箱



8、Schematic diagram of antenna installation

