

SPECIFICATION

SHEET FOR APPROVAL

(Revision: R: A0)

CUSTOMER(客户名称)	杭州楷知科技有限公司	
CS P/N(客户机种)	ME Pro G2	
PART NAME(品名)	WIFI-L 天线组件	
FREQUENCY(频率)	2400~2500/5150~5850MHz	
CUS NO.(客户编号)		
ZTX NO.(物料编号)	2.00001943	
DATE(日期)	2025-09-15	

CUSTOMER			
QA CHECKED	ME CHECKED	RF CHECKED	MANAGER CHECKED

Remark(备注):

Sign(客户确认签字盖章):

Shenzhen ZTX Communication Technology Co., Ltd				
MANAGER CHECKED	MANAGER CHECKED	ME CHECKED	RF CHECKED	LISTER
2025-09-15		覃乐	冯家能	



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(Tengda Industrial Park)

ANTENNA SPECIFICATION

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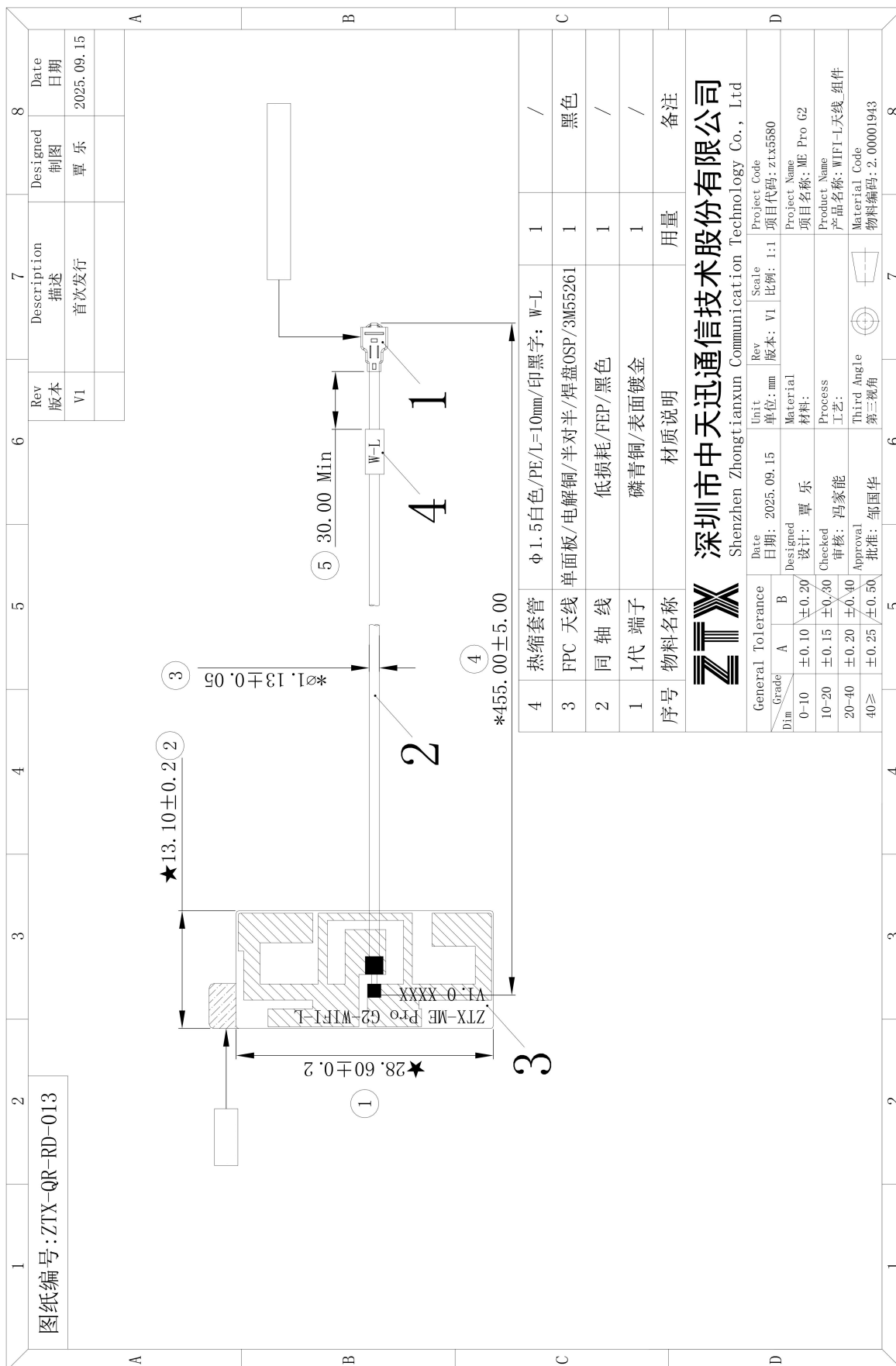
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1. Mechanical Specification

1-1 Mechanical Configuration (WIFI-L 天线组件)



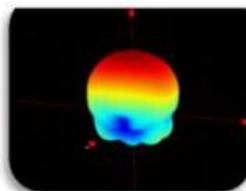
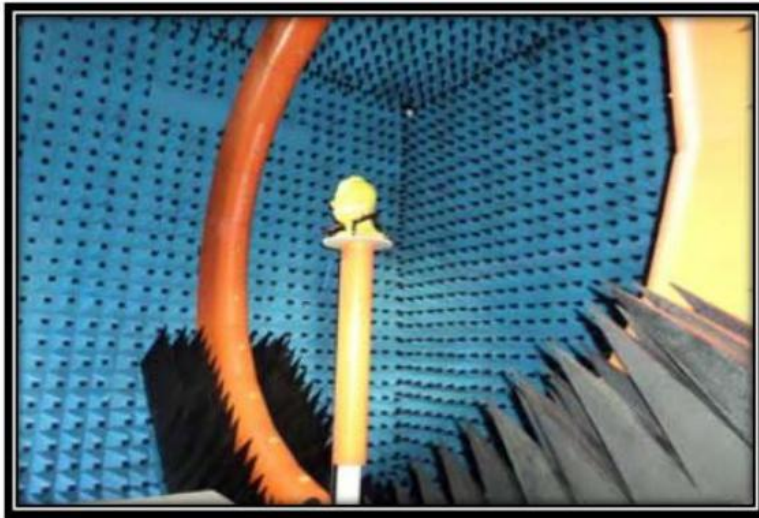
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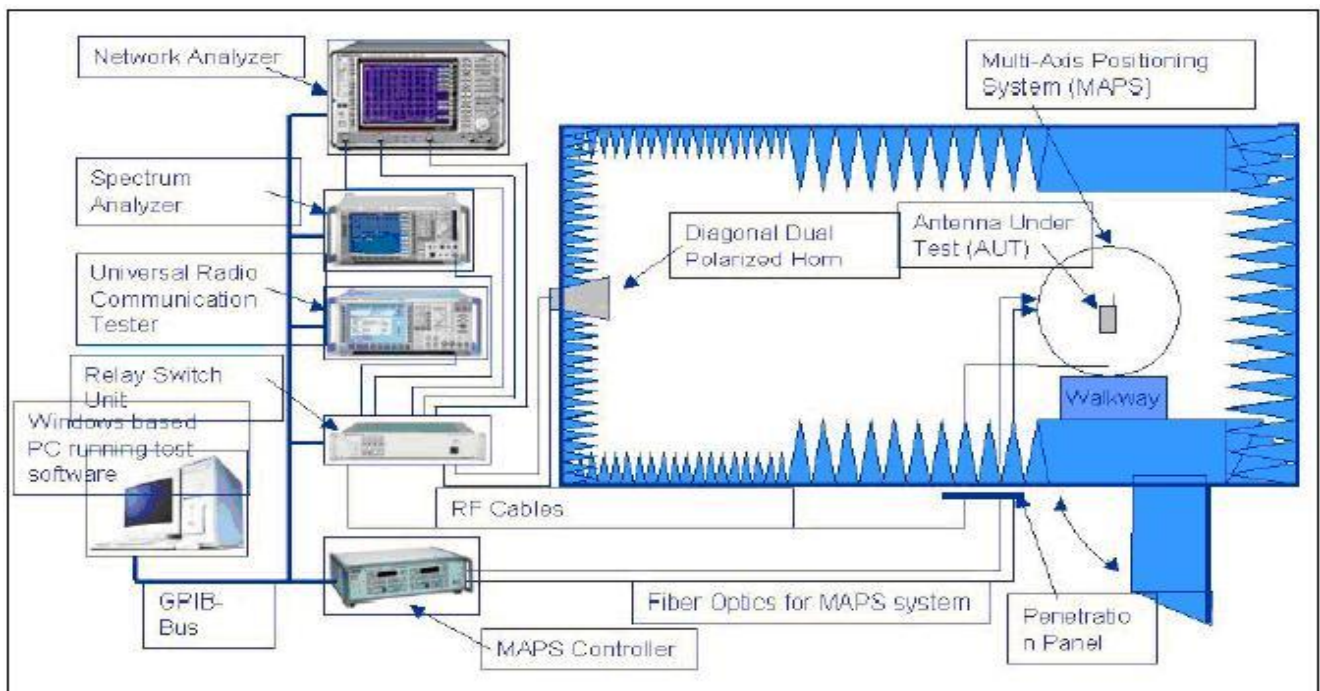
2. Test equipment



Owned 6 microwave dark room, equipped 2 sets world leading France Satimo SG24 OTA certification test systems (one in SHENZHEN, another one in Shanghai), ETS OTA Standard test system, Blue test reverberation test system which is High repeatability, high accuracy and high resolution. It can quickly provide accurate test reports, fully meet the CTIA standards.

Testing range:

Support active, passive testing of
GSM/CDMA/WCDMA/TD-
SCDMA/LTE/WIFI/WLAN/WiMax/BT
/GPS/MIMO/UWB within 0.4-6G.



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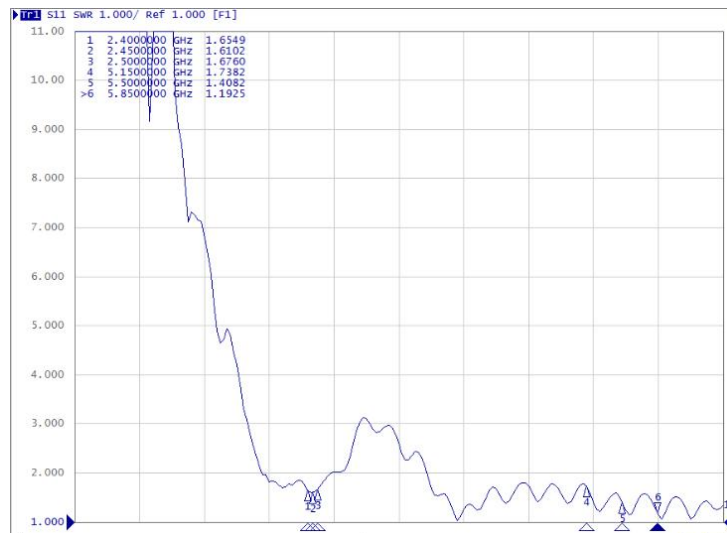
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3.Test Results Surmmary

3-1 Active Test

2.4G			5G		
B模	TRP (11M)	TIS (11M)	A模	TRP (54M)	TIS (54M)
1	11.62	-72.61	36	10.17	-71.65
7	11.86	-71.33	64	11.33	-72.57
13	8.41	-71.35	149	12.87	-71.22

3-2 VSWR



3-3 Passive Test

Frequency	Efficiency	Efficiency . dB	Gain . dB	Frequency	Efficiency	Efficiency . dB	Gain . dB
2400	55%	-2.60	3.96	5150	52%	-2.84	4.18
2410	55%	-2.60	3.97	5200	51%	-2.92	4.29
2420	57%	-2.44	3.42	5250	53%	-2.76	4.45
2430	54%	-2.68	3.54	5300	51%	-3.02	4.28
2440	56%	-2.47	3.66	5350	53%	-2.76	4.34
2450	55%	-2.60	3.27	5400	51%	-2.92	4.06
2460	54%	-2.68	3.53	5450	53%	-2.76	4.94
2470	53%	-2.76	3.79	5500	54%	-2.68	4.95
2480	54%	-2.68	3.55	5550	53%	-2.76	4.91
2490	56%	-2.52	3.48	5600	52%	-2.86	4.15
2500	54%	-2.70	4.16	5650	53%	-2.76	4.03
				5700	50%	-3.01	4.21
				5750	53%	-2.76	4.19
				5800	54%	-2.68	4.31
				5850	52%	-2.84	4.29

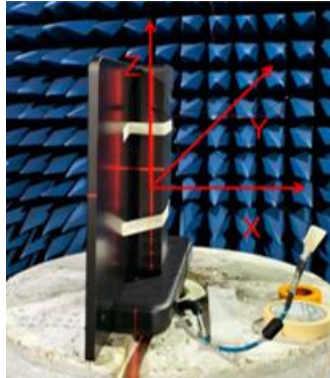
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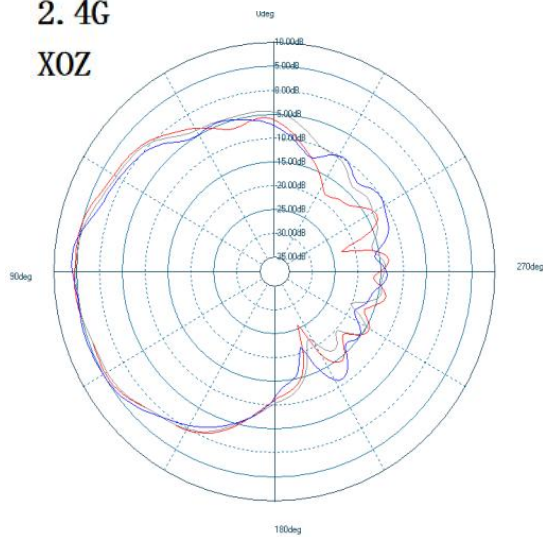
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3-4 2D Radiation Pattern Results

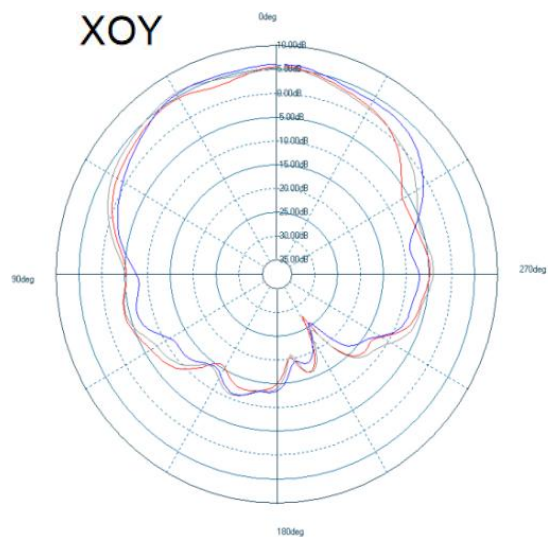


2.4G

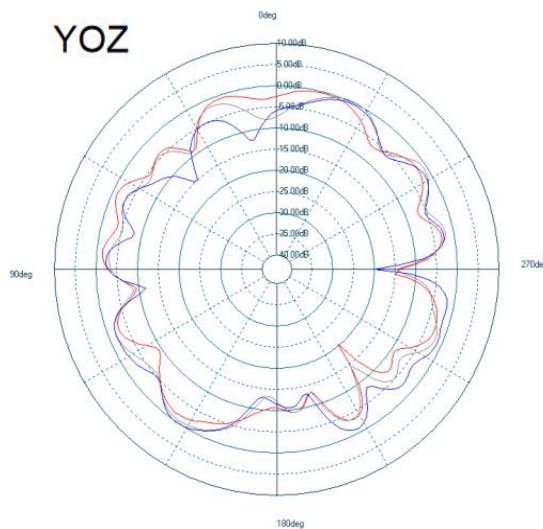
XOZ



XOY



YOZ

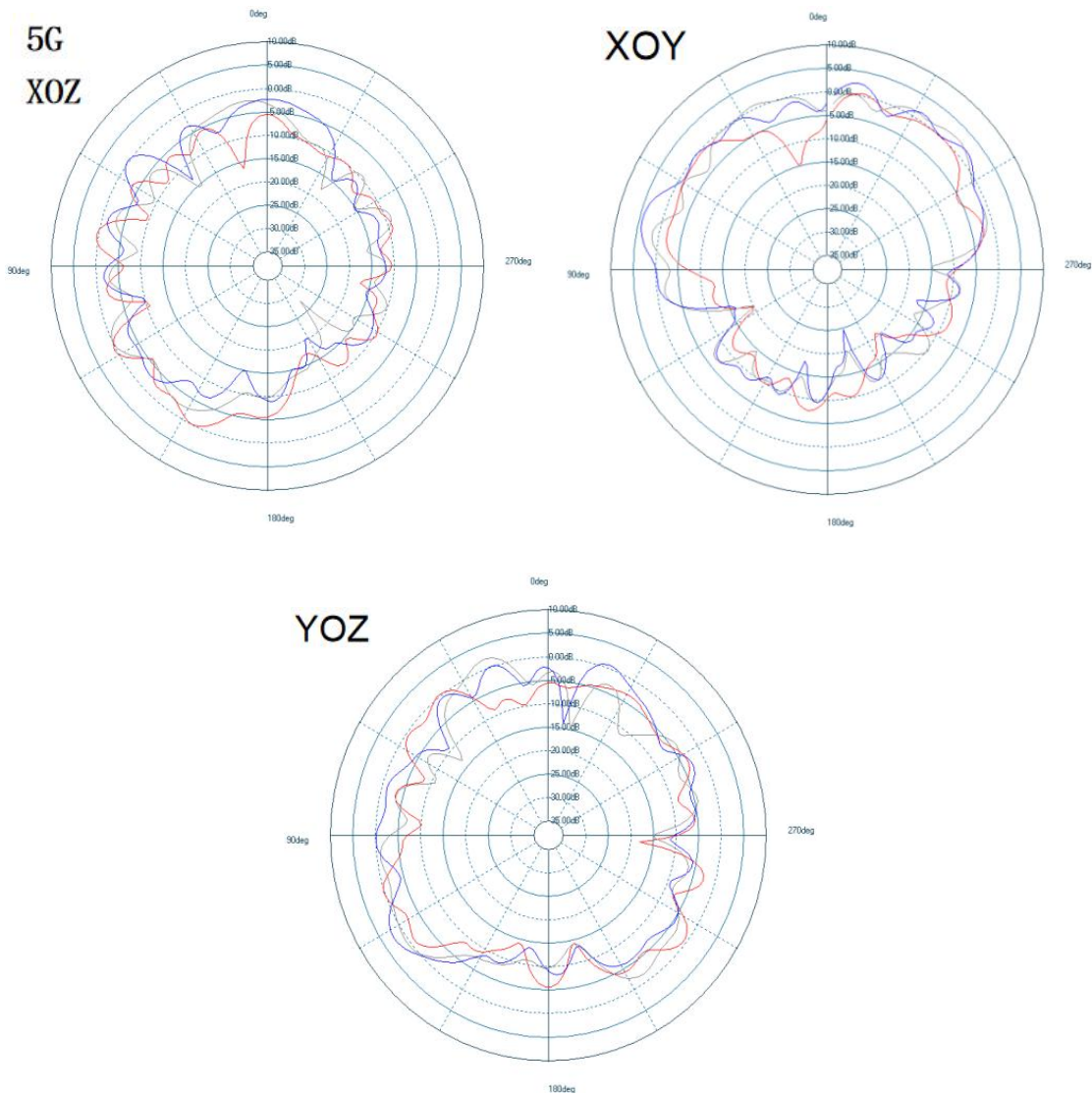


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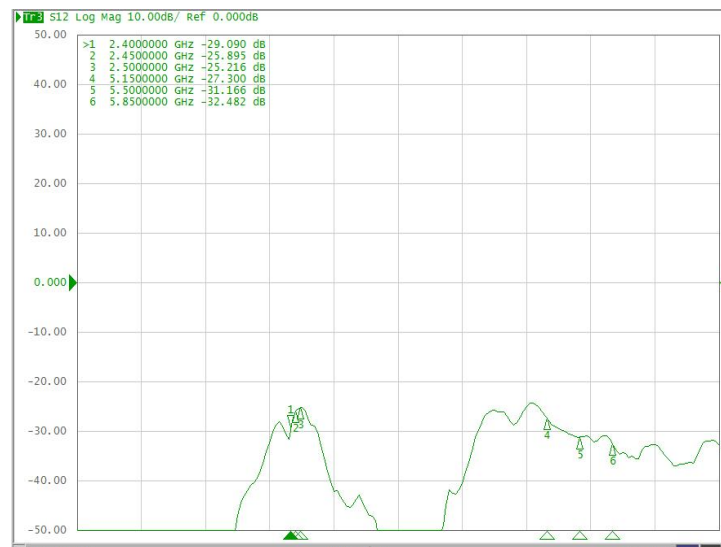
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3-5 insulation

WIFI-R 与 WIFI-L



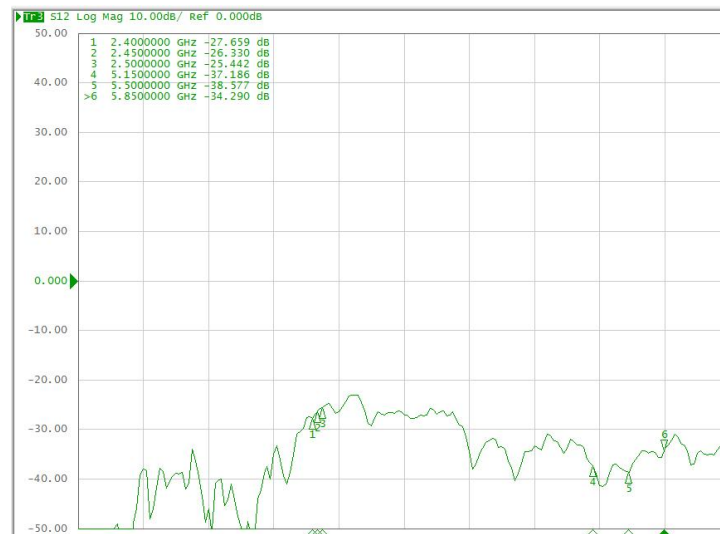
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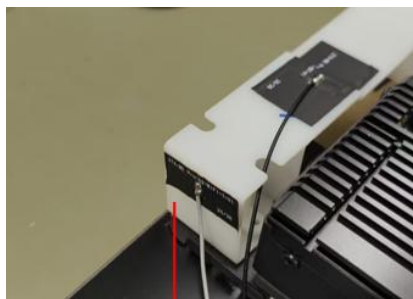
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WIFI-L 与 BT



3-6 Environmental treatment



WIFI-L