

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-R 天线组件	
FREQUENCY(频率)	2400~2500/5150~5850MHz	
CUS NO.(客户编号)		
ZTX NO.(物料编号)	2.00001942	
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
		覃乐	冯家能	



Shenzhen ZTX Communication Technology Co., Ltd

地址: 深圳市宝安区石岩镇石龙大道 34 号(腾达工业园)

邮编: 518000

电话: 0755-27588320

传真: 0755-27588045

<http://www.chinaztx.com>

Address: No.34 Shilong Avenue, Shiyan Town, Bao 'an District, Shenzhen
(Tengda Industrial Park)

ANTENNA SPECIFICATION

CUS P/N:ME Pro G2_WIFI-R 天线组件
ZTX P/N :ME Pro G2_WIFI-R 天线组件

Application Date:Sep,15,2025
Editor:

Rev: R:A0
Page 2 of 8

Index

		Revision history	1
		Index	2
1		Mechanical Specification	3
	1-1	Mechanical Specification (WIFI-R 天线组件)	3
2		Test equipment	4
3		Test Results Surmmary	5
	3-1	Active Test	5
	3-2	VSWR	5
	3-3	Passive Test	5
	3-4	2D Radiation Pattern Results	6~7
	3-5	insulation	7~8
	3-6	Environmental treatment	8

ANTENNA SPECIFICATION

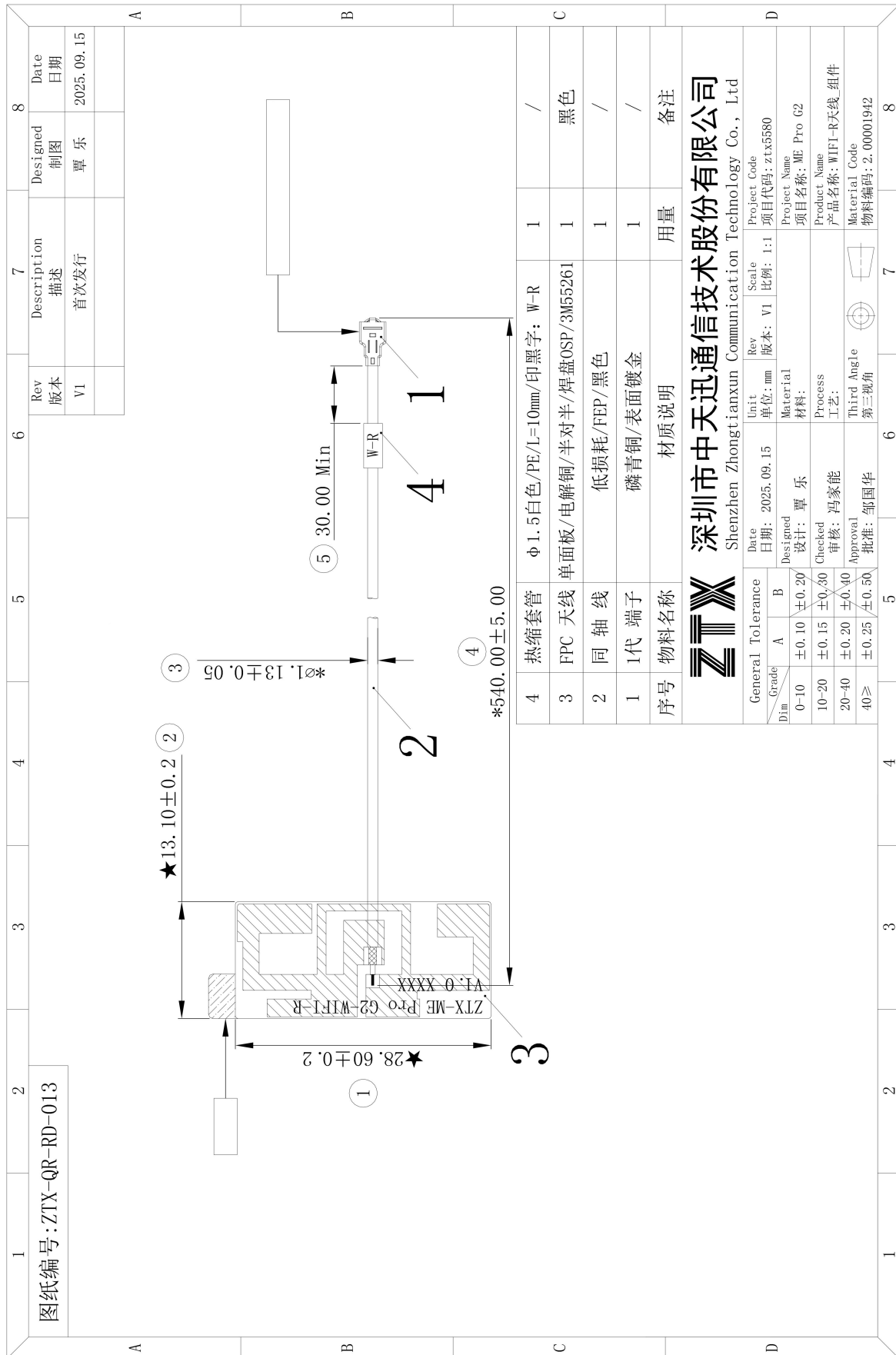
CUS P/N:ME Pro G2_WIFI-R 天线组件
ZTX P/N :ME Pro G2_WIFI-R 天线组件

Application Date: Sep, 15, 2025
Editor:

Rev: R:A0
Page 3 of 8

1. Mechanical Specification

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



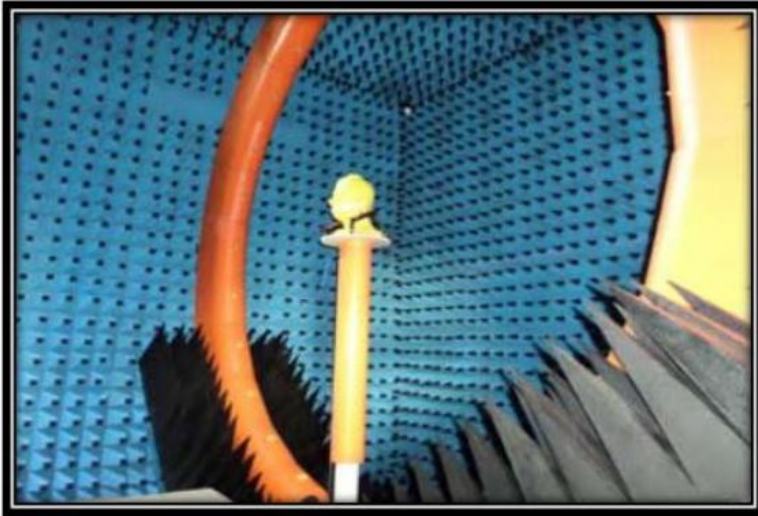
ANTENNA SPECIFICATION

CUS P/N:ME Pro G2_WIFI-R 天线组件
ZTX P/N :ME Pro G2_WIFI-R 天线组件

Application Date:Sep,15,2025
Editor:

Rev: R:A0
Page 4 of 8

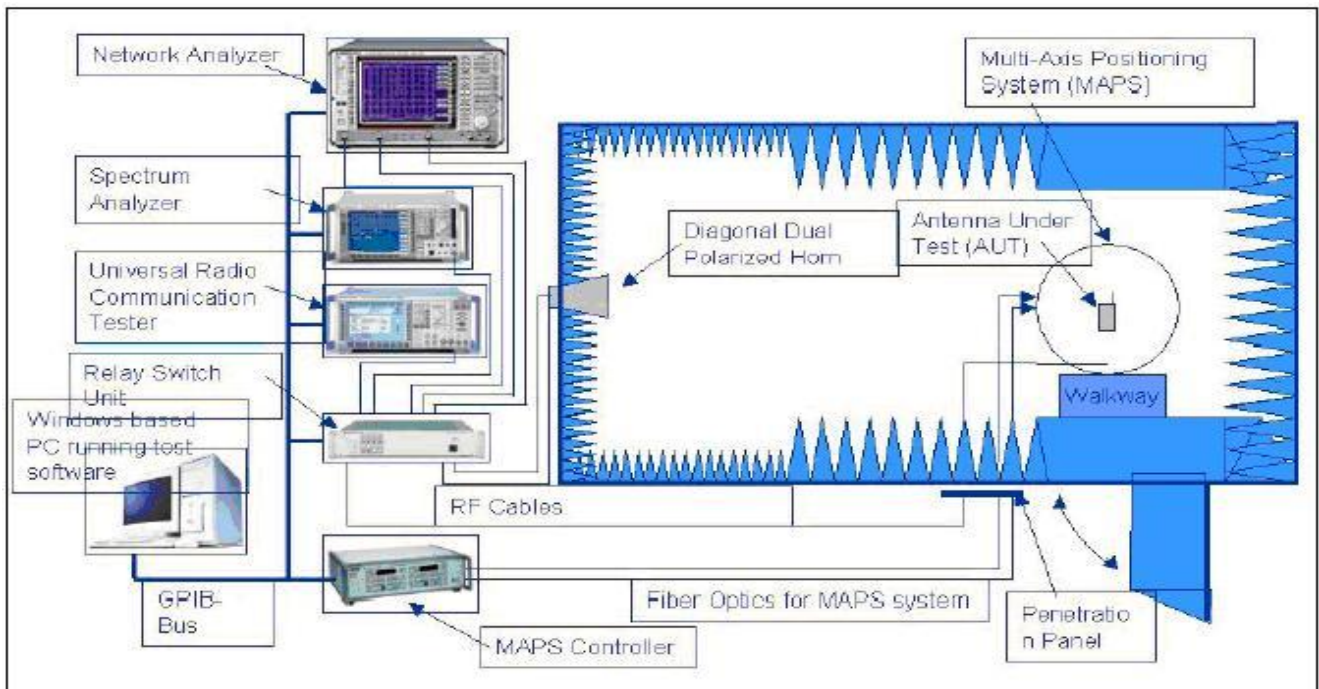
2. Test equipment



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.



ANTENNA SPECIFICATION

CUS P/N:ME Pro G2_WIFI-R 天线组件
ZTX P/N :ME Pro G2_WIFI-R 天线组件

Application Date:Sep,15,2025
Editor:

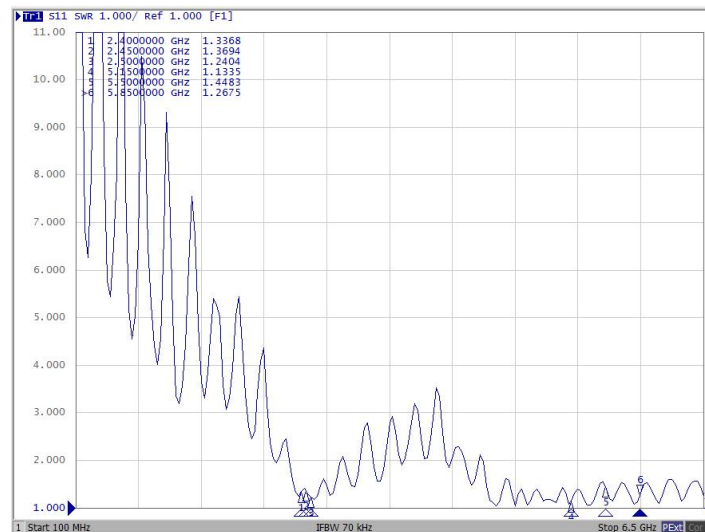
Rev: R:A0
Page 5 of 8

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	Gain . dB
2400	54%	-2.68	4.06	5150	50%	-3.01	4.81
2410	55%	-2.60	3.98	5200	50%	-3.04	4.41
2420	55%	-2.60	3.95	5250	51%	-2.91	4.65
2430	53%	-2.76	4.04	5300	50%	-3.05	5.00
2440	53%	-2.76	3.78	5350	51%	-2.92	4.85
2450	53%	-2.76	3.91	5400	51%	-2.93	5.22
2460	54%	-2.68	3.70	5450	54%	-2.68	4.75
2470	56%	-2.52	3.86	5500	53%	-2.76	5.03
2480	55%	-2.60	4.10	5550	51%	-2.94	4.80
2490	55%	-2.58	3.87	5600	51%	-2.88	4.93
2500	55%	-2.57	3.97	5650	53%	-2.78	5.05
				5700	50%	-3.01	4.95
				5750	53%	-2.78	4.85
				5800	51%	-2.92	5.05
				5850	51%	-2.97	4.51

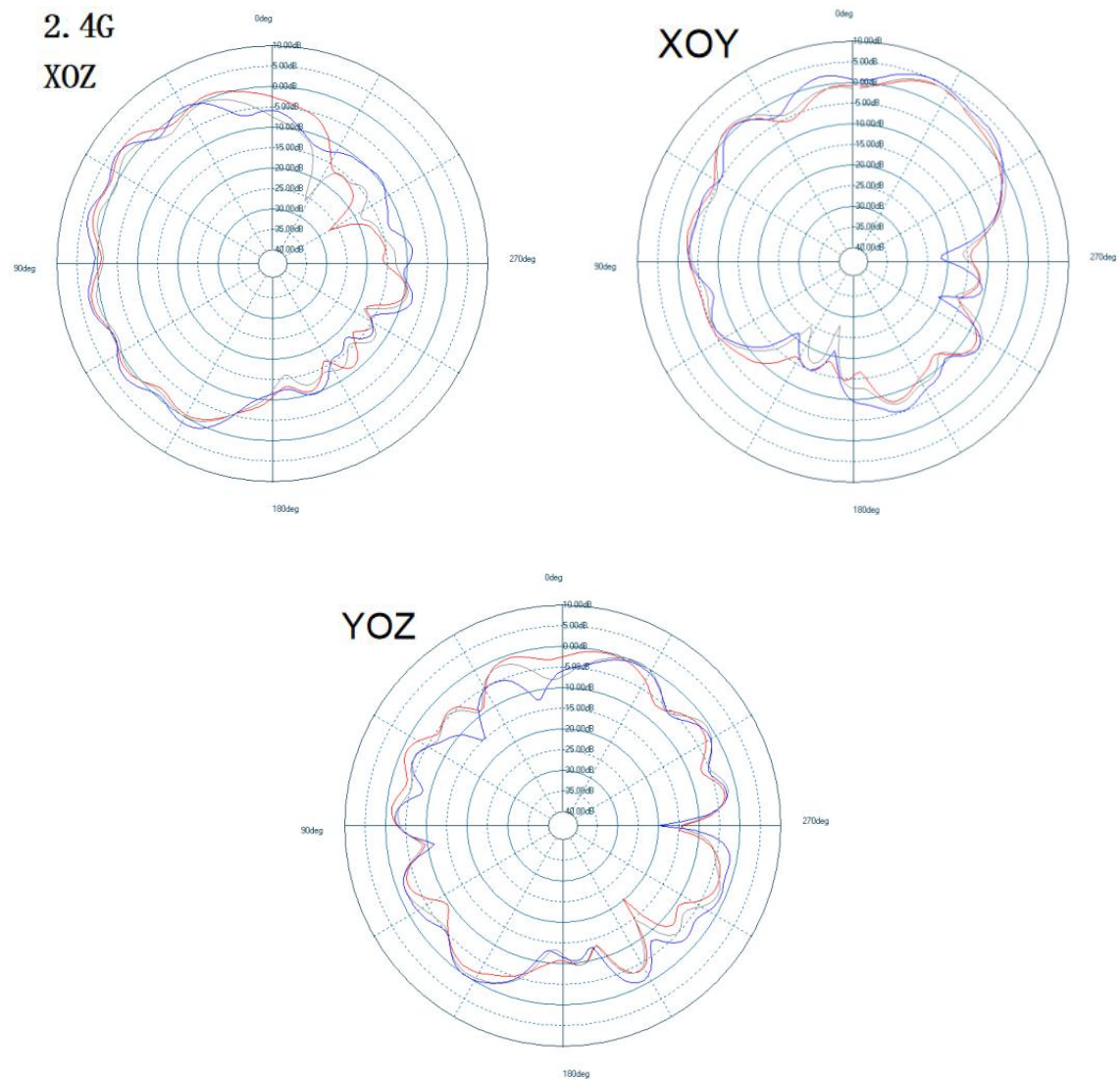
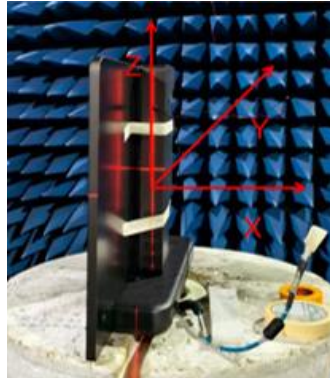
ANTENNA SPECIFICATION

CUS P/N:ME Pro G2_WIFI-R 天线组件
ZTX P/N :ME Pro G2_WIFI-R 天线组件

Application Date:Sep,15,2025
Editor:

Rev: R:A0
Page 6 of 8

3-4 2D Radiation Pattern Results

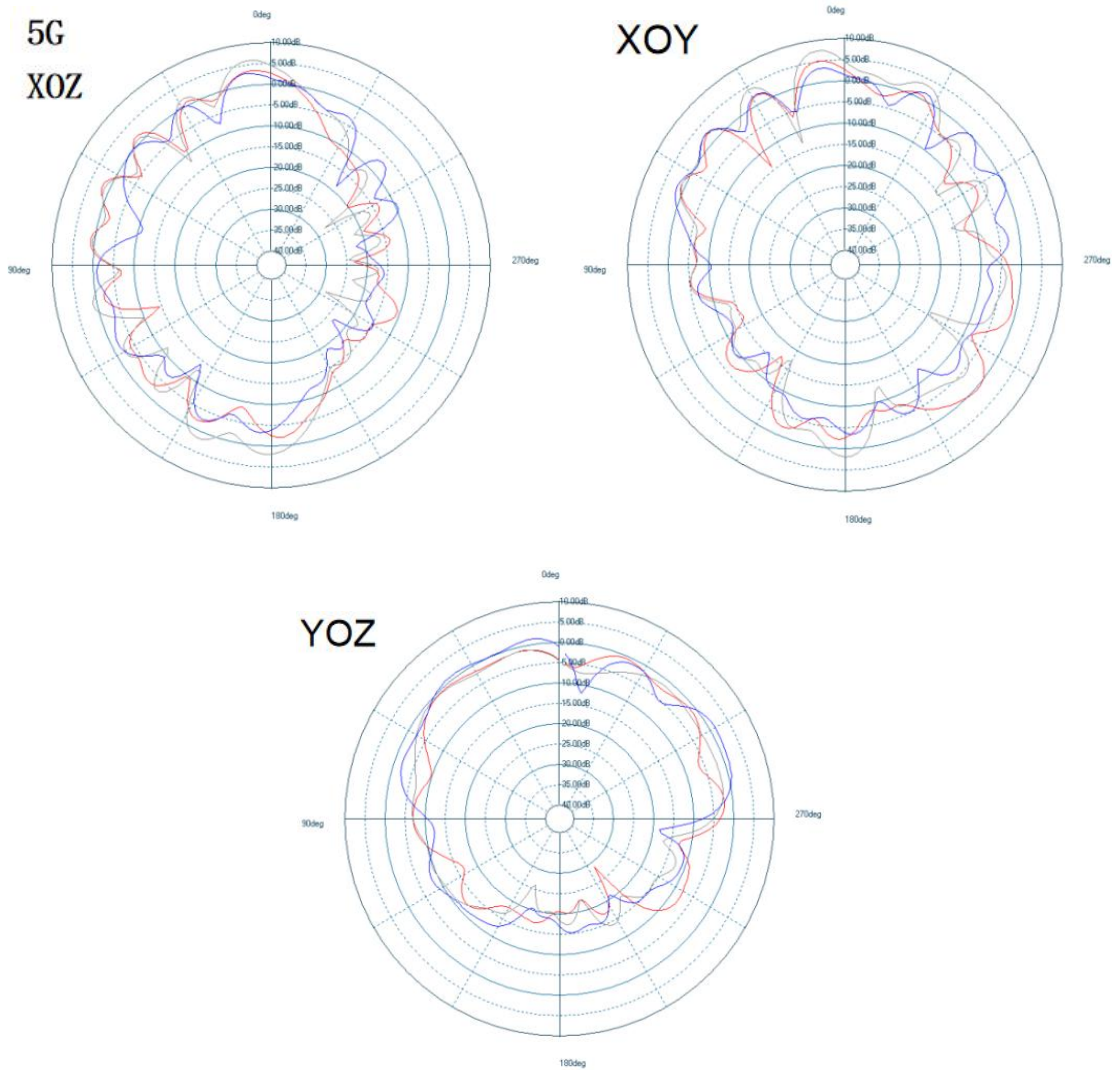


ANTENNA SPECIFICATION

CUS P/N:ME Pro G2_WIFI-R 天线组件
ZTX P/N :ME Pro G2_WIFI-R 天线组件

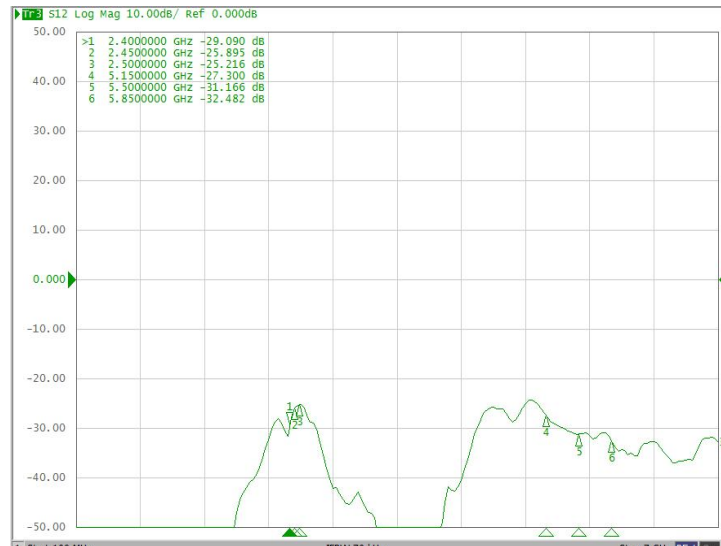
Application Date:Sep,15,2025
Editor:

Rev: R:A0
Page 7 of 8



3-5 insulation

WIFI-R 与 WIFI-L



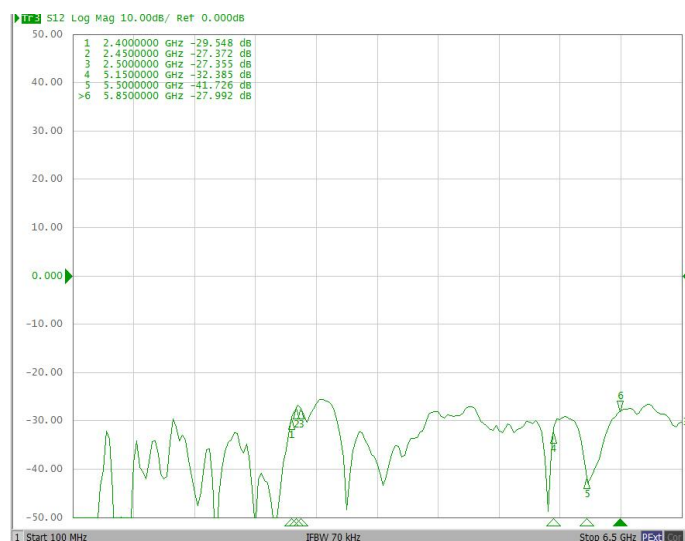
ANTENNA SPECIFICATION

CUS P/N:ME Pro G2_WIFI-R 天线组件
ZTX P/N :ME Pro G2_WIFI-R 天线组件

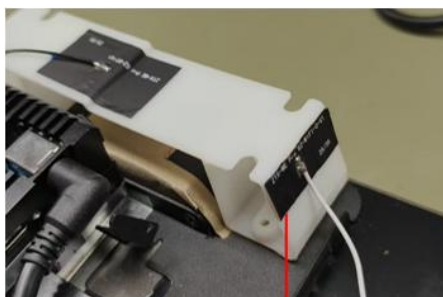
Application Date:Sep,15,2025
Editor:

Rev: R:A0
Page 8 of 8

WIFI-R 与 BT



3-6 Environmental treatment



WIFI-R