

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)	BT 天线组件	
FREQUENCY(频率)	2400~2500MHz	
CUS NO.(客户编号)		
ZTX NO.(物料编号)	2.00001941	
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	



Shenzhen ZTX Communication Technology Co., Ltd

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(Tengda Industrial Park)

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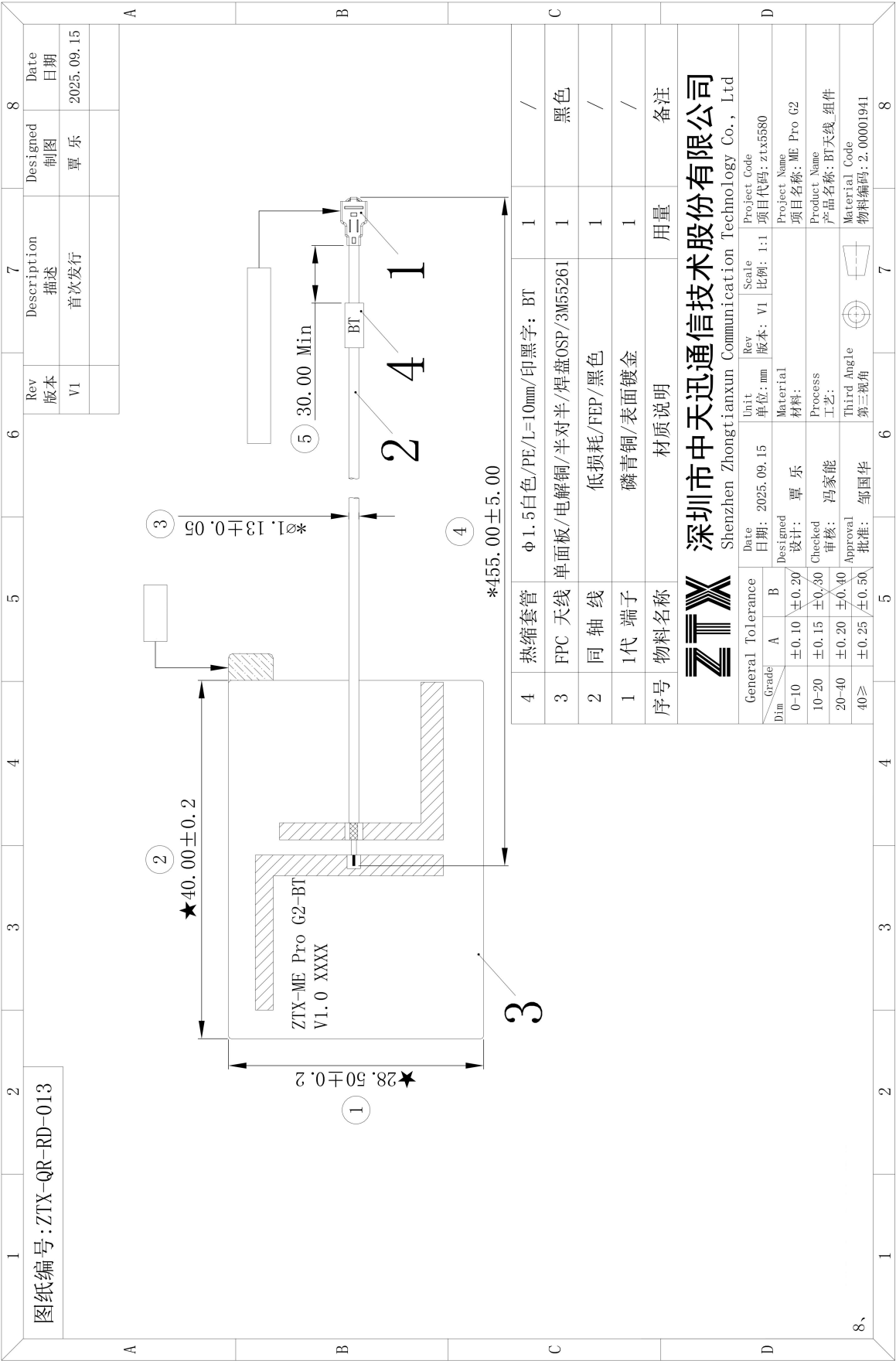
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1. Mechanical Specification

1-1 Mechanical Configuration (BT 天线组件)



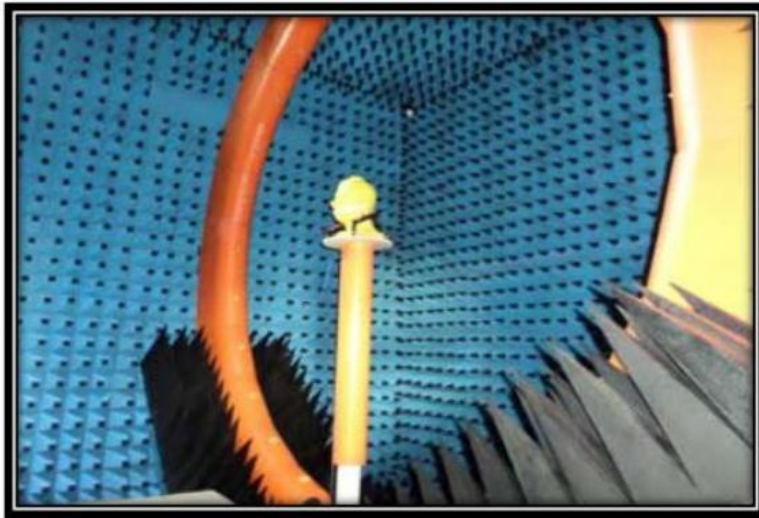
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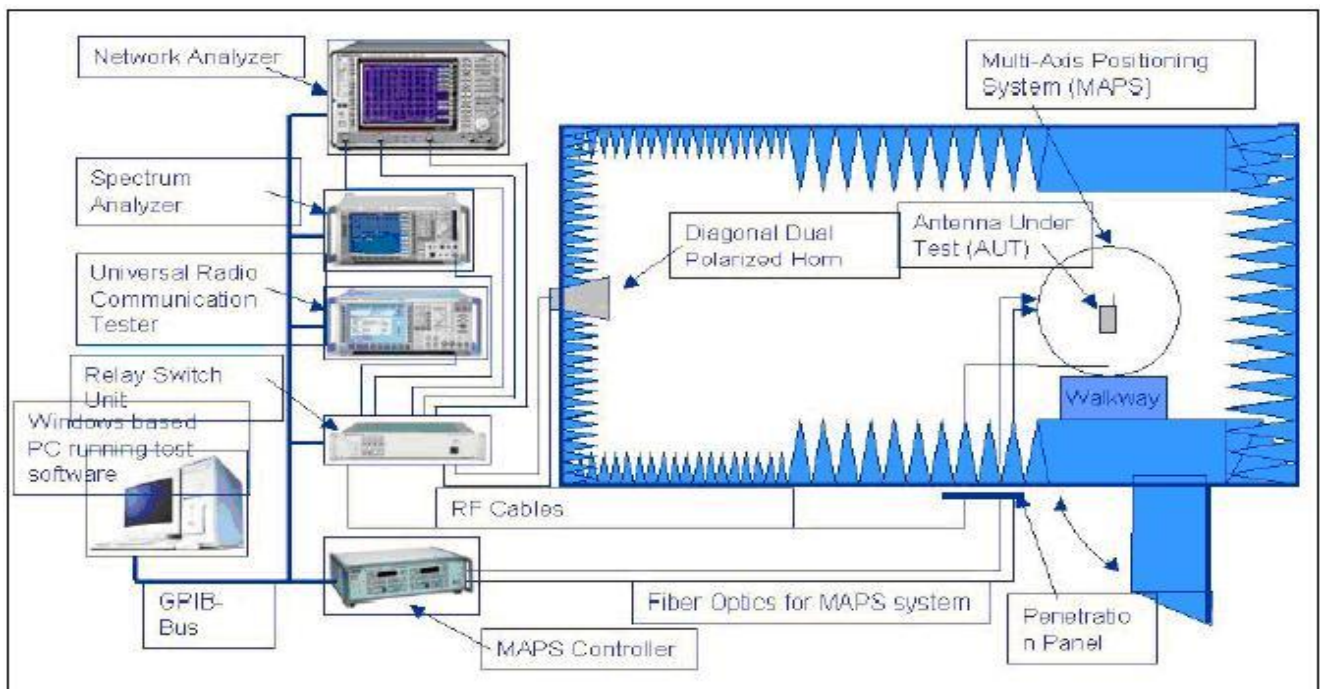
2. Test equipment



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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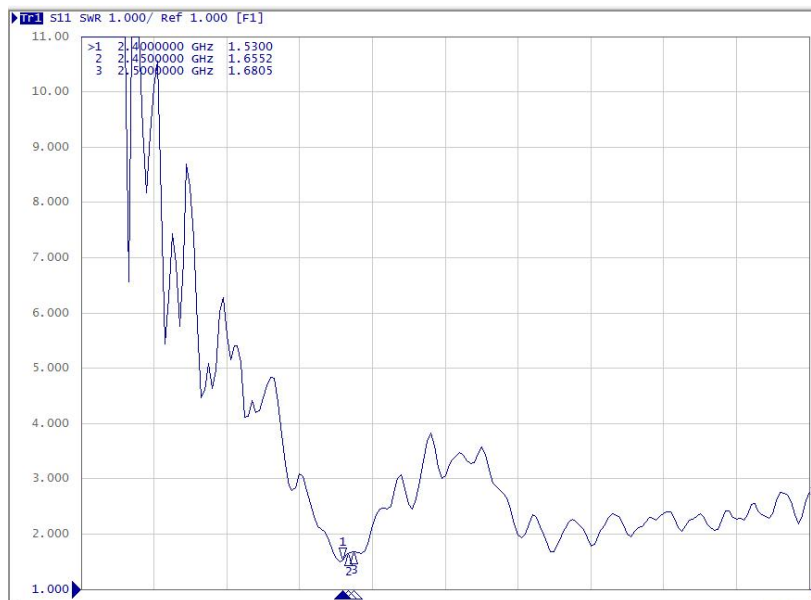
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3.Test Results Surmmary

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
2400	55%	-2.60	4.17
2410	52%	-2.84	4.17
2420	53%	-2.76	4.67
2430	51%	-2.92	4.21
2440	50%	-3.01	4.27
2450	53%	-2.76	3.82
2460	50%	-3.01	3.78
2470	51%	-2.92	3.96
2480	52%	-2.84	4.41
2490	51%	-2.92	4.69
2500	51%	-2.92	4.62

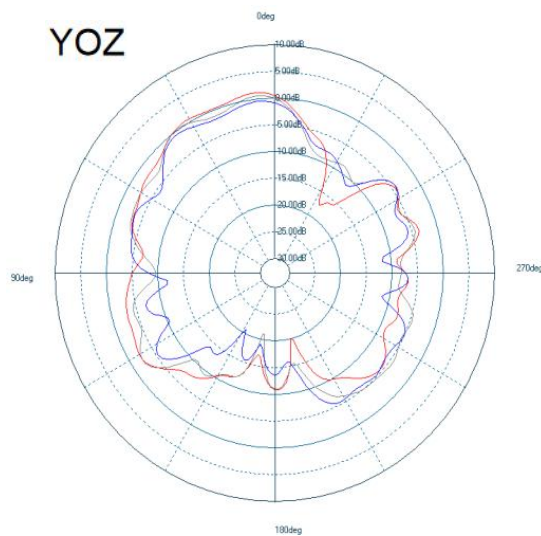
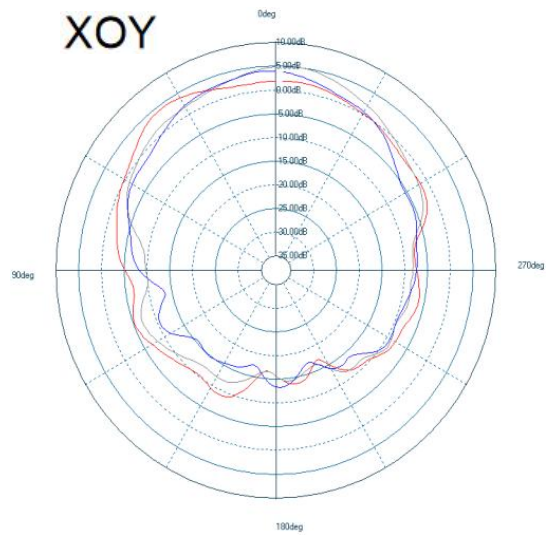
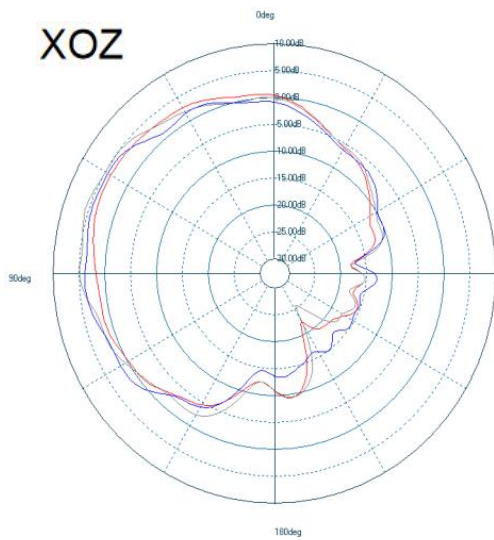
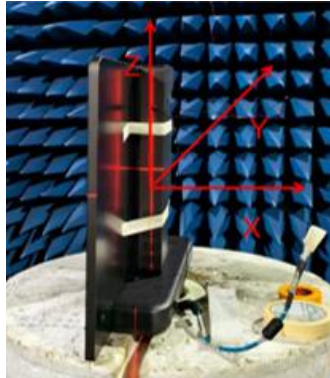
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3-4 2D Radiation Pattern Results



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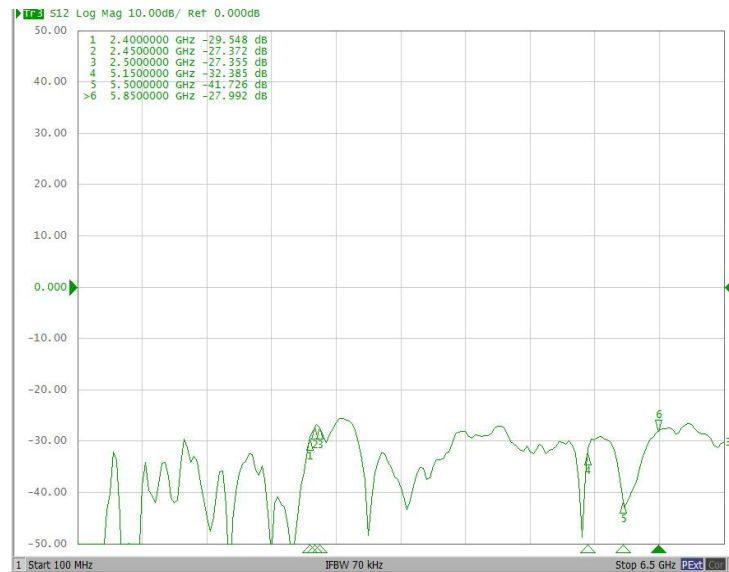
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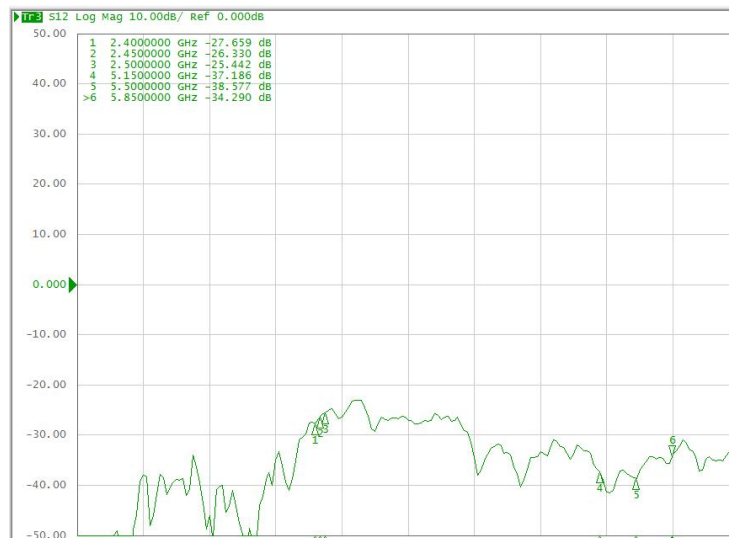
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3-5 insulation

WIFI-R 与 BT



WIFI-L 与 BT



3-6 Environmental treatment



BT