

SPECIFICATION

SHEET FOR APPROVAL

(Revision: R: A0)

	CUSTOMER(客户名称)	谱程未来	
	CS P/N(客户机种)	L2 Plus	
	PART NAME(品名)	WIFI0天线组件	
	FREQUENCY(频率)	2.4G~2.5G+5.15~5.85G	
	ZTX NO.(物料编号)	2.00001514	
	DATE(日期)	2024-12-24	

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
邹国华	2024.12.24 研发专用章	邹一麟	江博厚	



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ANTENNA SPECIFICATION

CUS P/N: L2 Plus_WIFI11天线组件
ZTX P/N : L2 Plus_WIF11天线组件

Application Date:Dec,24,2024 Rev: R:A0
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Revision history

版本	日期	状态
A0	2024-12-24	初版

ANTENNA SPECIFICATION

CUS P/N: L2 Plus_WIFI1天线组件
ZTX P/N : L2 Plus_WIFI1天线组件

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ANTENNA SPECIFICATION

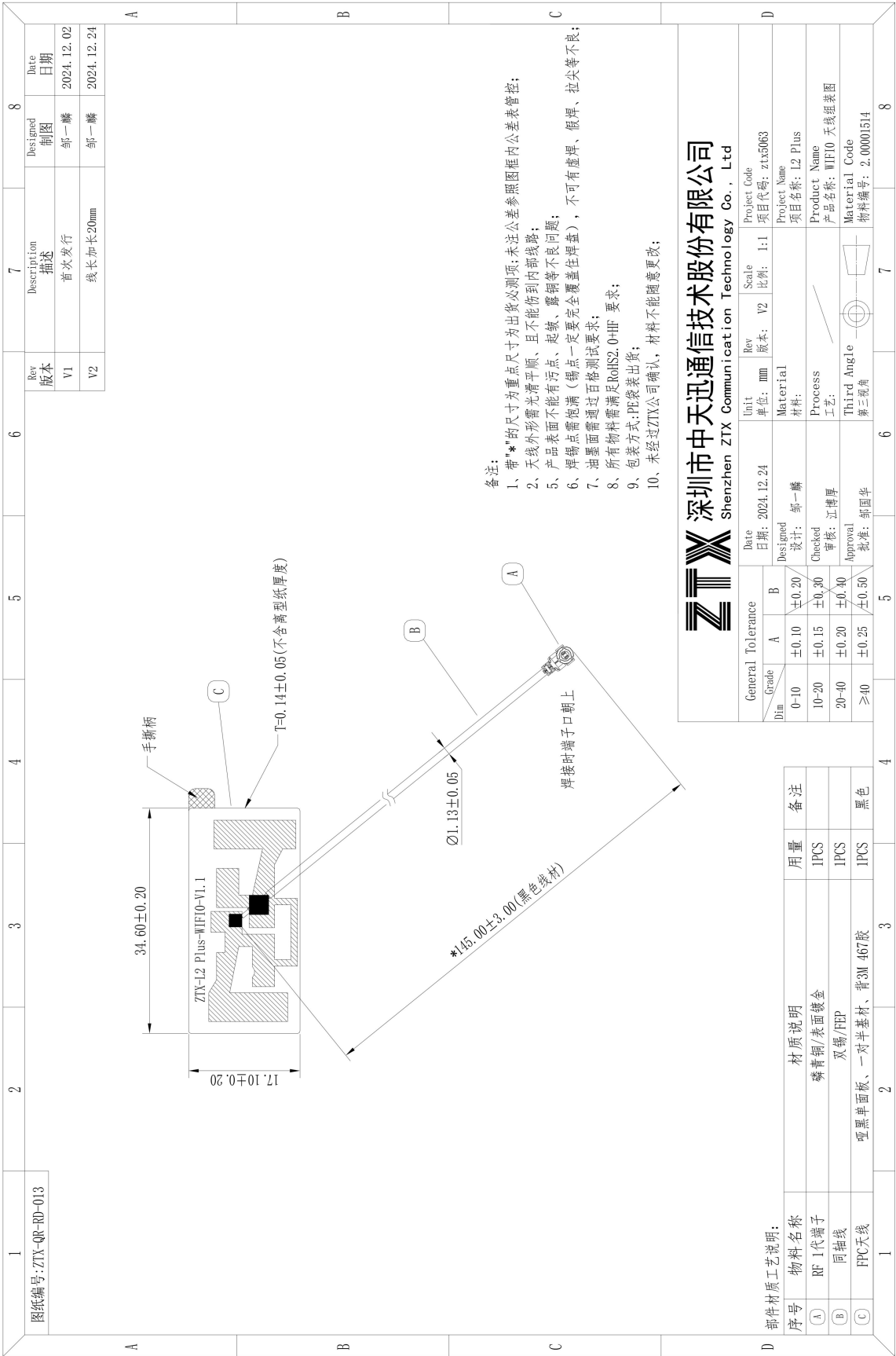
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1.Mechanical Specification

1-1 Mechanical Configuration(WIFI0 天线组件)



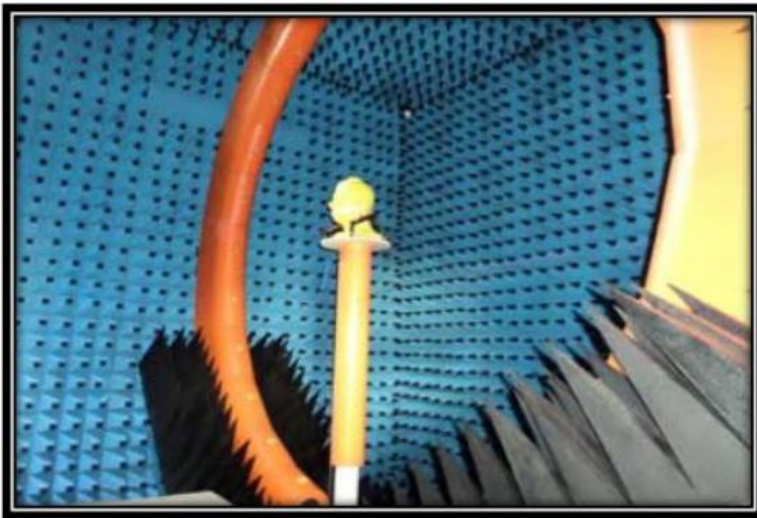
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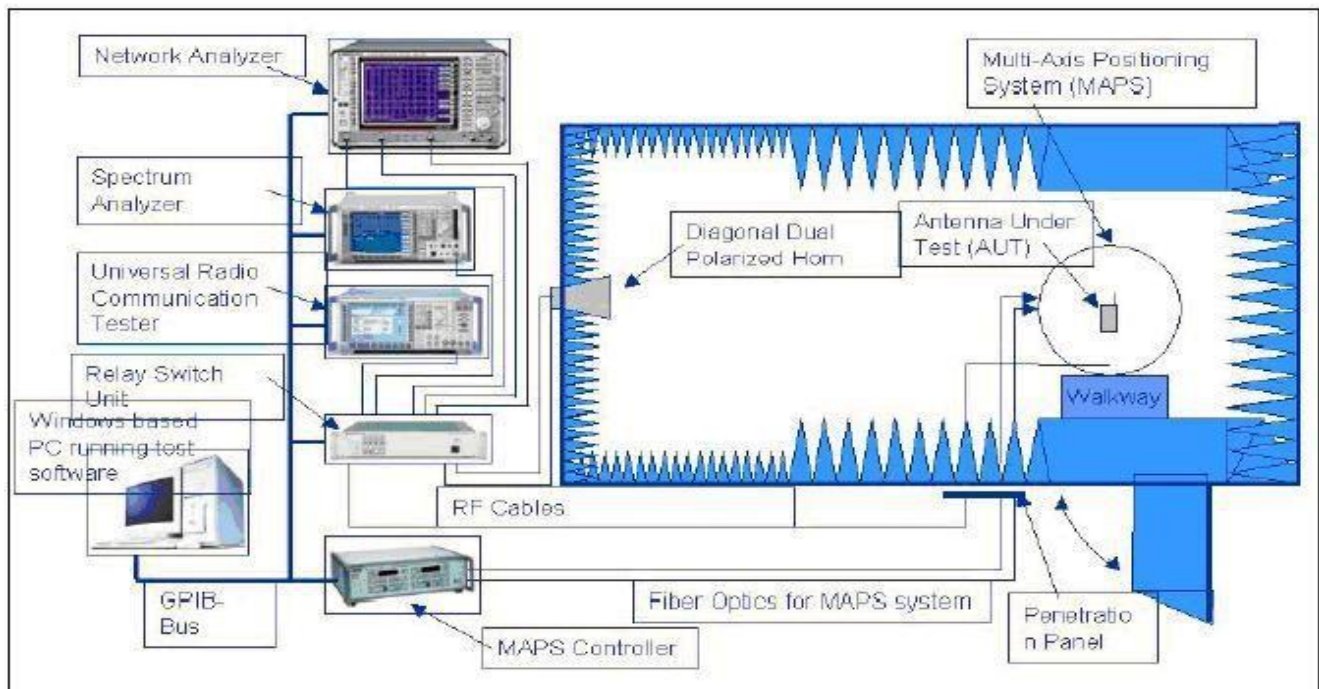
2. Test equipment



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.



ANTENNA SPECIFICATION

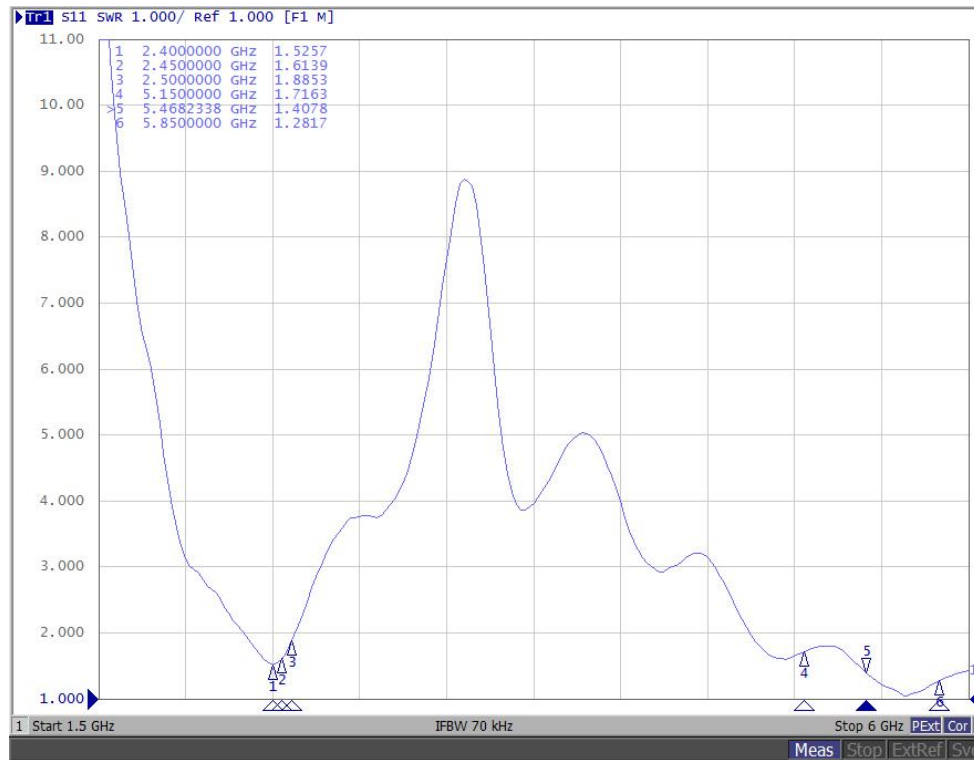
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3.Antenna test data

3-1 VSWR



3-2 No-source test data

Frequency	Efficiency	Efficiency (dB)	Gain (dB)
2400MHz	54%	-2.66	2.53
2410MHz	53%	-2.77	2.57
2420MHz	55%	-2.59	2.95
2430MHz	55%	-2.59	3.17
2440MHz	56%	-2.49	3.34
2450MHz	56%	-2.52	3.15
2460MHz	56%	-2.52	2.83
2470MHz	56%	-2.51	2.67
2480MHz	56%	-2.51	2.83
2490MHz	57%	-2.45	2.86
2500MHz	58%	-2.39	2.71

Frequency	Efficiency	Efficiency (dB)	Gain (dB)
5150MHz	53%	-2.78	5.83
5200MHz	52%	-2.84	6.07
5250MHz	52%	-2.82	5.99
5300MHz	55%	-2.61	5.84
5350MHz	53%	-2.77	5.09
5400MHz	56%	-2.48	4.73
5450MHz	60%	-2.20	5.08
5500MHz	56%	-2.51	5.52
5550MHz	57%	-2.44	5.45
5600MHz	58%	-2.37	5.27
5650MHz	58%	-2.40	5.20
5700MHz	58%	-2.36	4.99
5750MHz	55%	-2.58	4.53
5800MHz	55%	-2.63	5.08
5850MHz	54%	-2.64	5.51

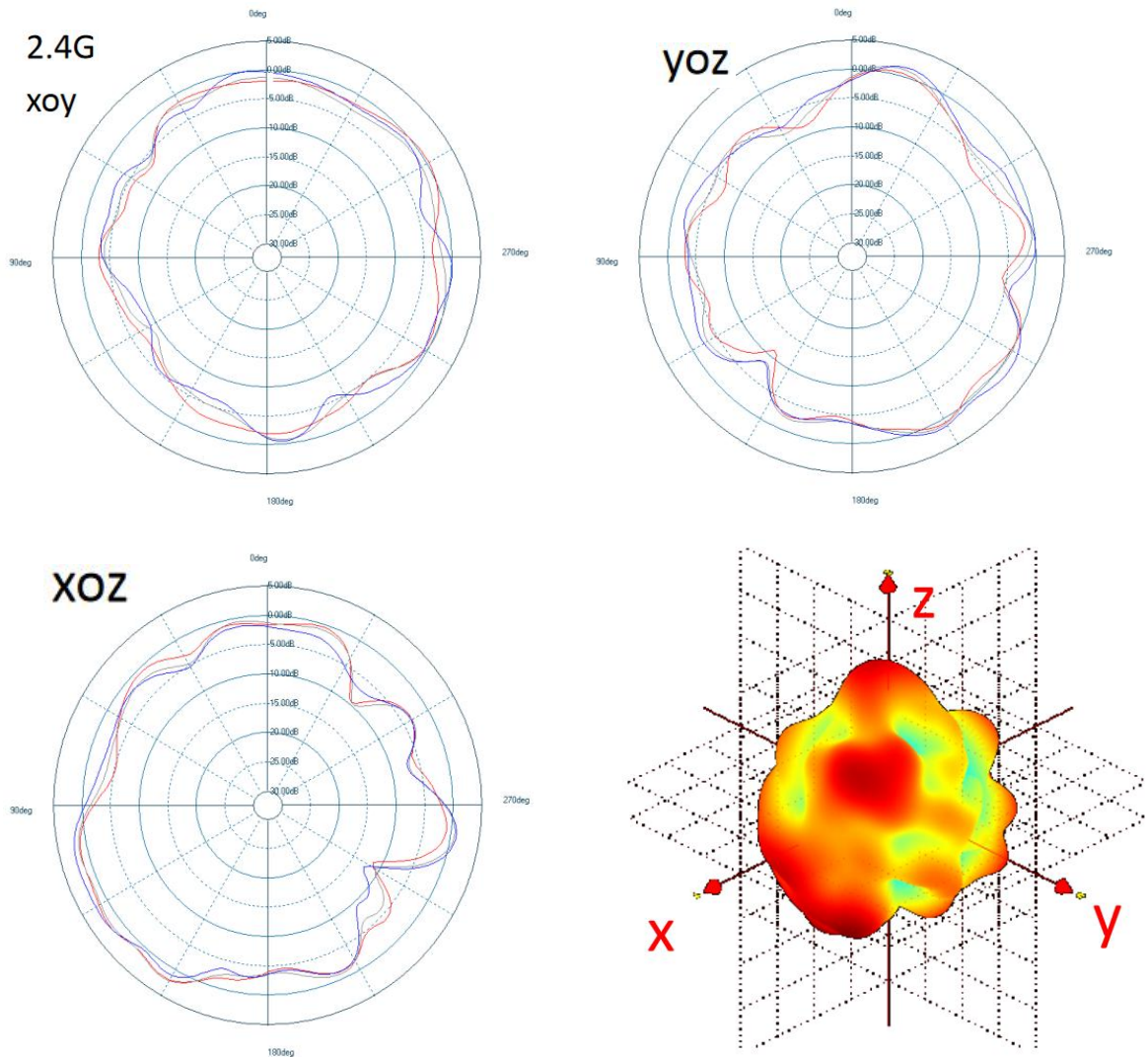
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3-3 2D/3D Radiation Pattern Results



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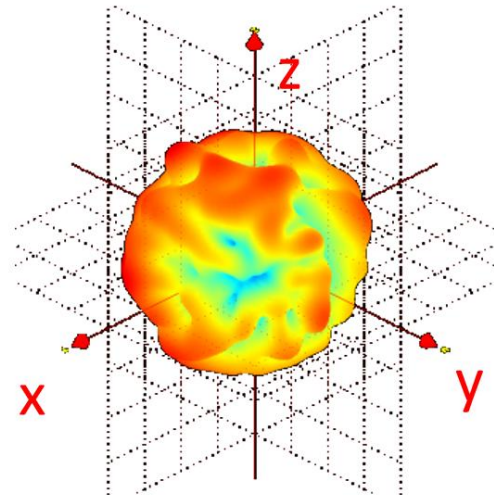
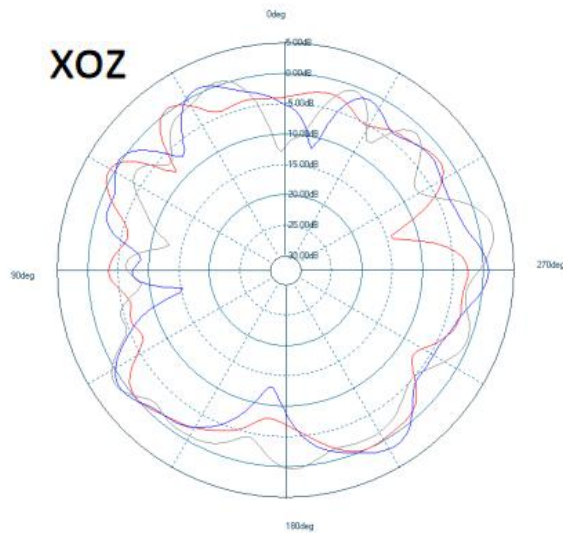
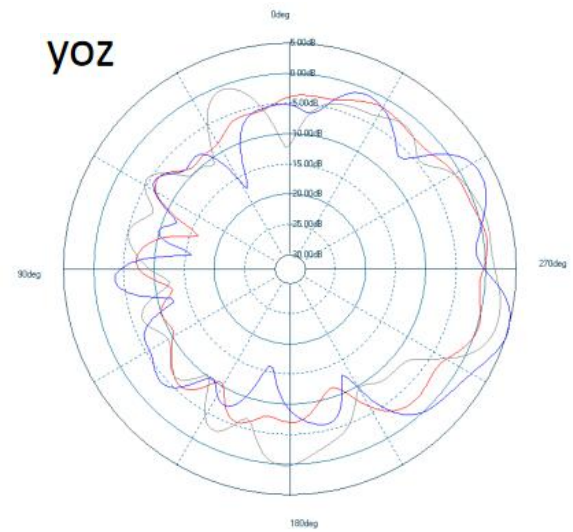
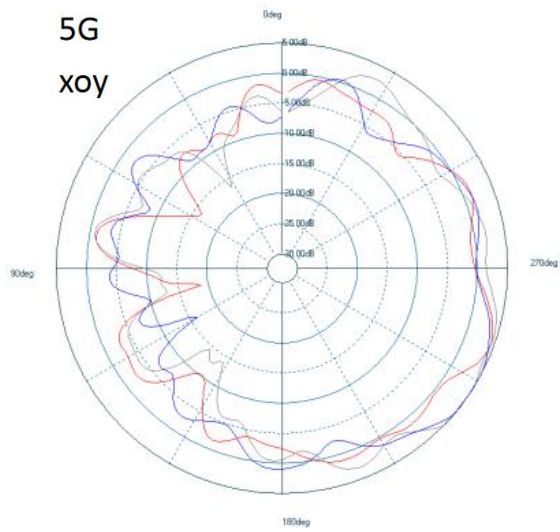
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3-4 Environmental treatment

