

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)	BT 天线组件	
	FREQUENCY(频率)	2.4G~2.5G	
	ZTX NO.(物料编号)	2.00001516	
	DATE(日期)	2024-12-20	

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	研发专用章	邹一麟	江博厚	



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ANTENNA SPECIFICATION

CUS P/N: L2 Plus_BT 天线组件

Application Date:Dec,20,2024

Rev: R:A0

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Editor:

Page 1 of 7

Revision history

版本	日期	状态
A0	2024-12-20	初版

ANTENNA SPECIFICATION

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

Application Date:Dec,20,2024
Editor:

Rev: R:A0
Page 2 of 7

Index

		Revision history	1
		Index	2
1		Mechanical Specification	3
	1-1	Mechanical Specification(BT 天线组件)	3
2		Test equipment	4
3		Antenna test data	5
	3-1	VSWR	5
	3-2	No-source test data	5
	3-3	2D/3D Radiation Pattern Results	6
	3-4	Environmental treatment	7

ANTENNA SPECIFICATION

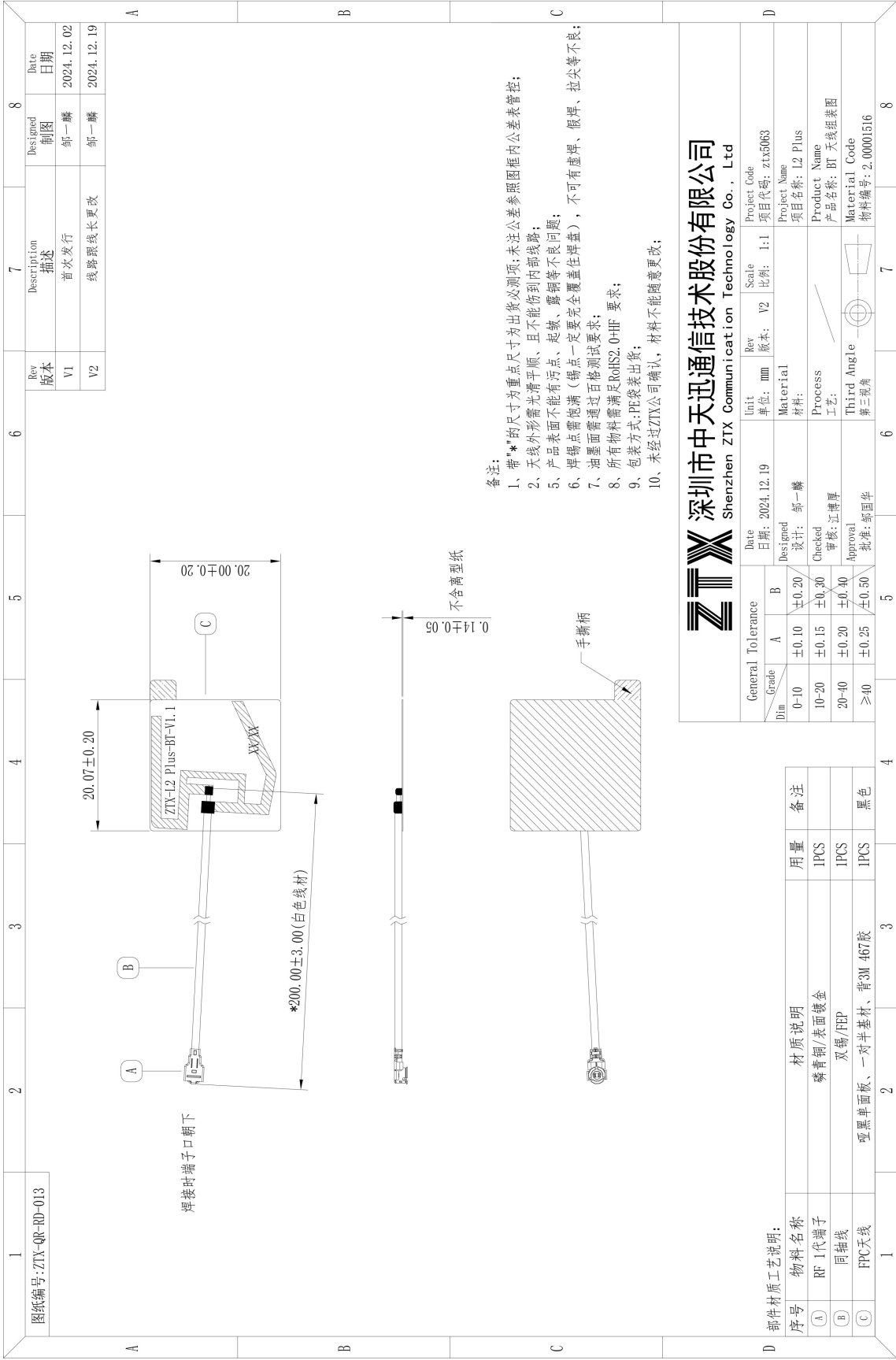
CUS P/N: L2 Plus_BT 天线组件
ZTX P/N : L2 Plus_BT 天线组件

Application Date:Dec,20,2024
Editor:

Rev: R:A0
Page 3 of 7

1.Mechanical Specification

1-1 Mechanical Configuration(BT 天线组件)



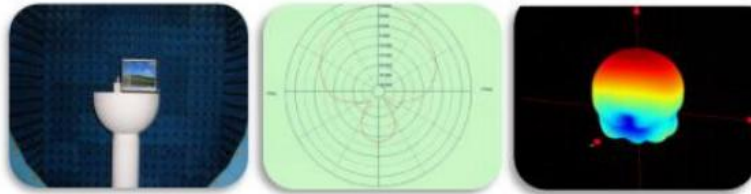
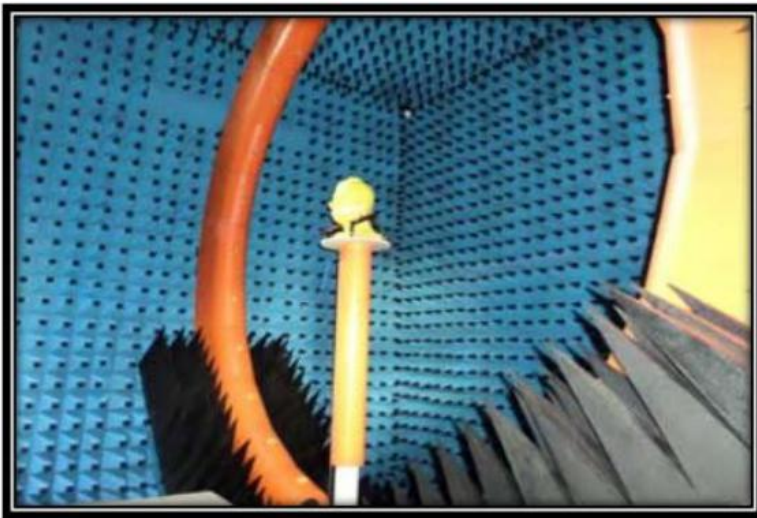
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CUS P/N: L2 Plus_BT 天线组件
ZTX P/N : L2 Plus_BT 天线组件

Application Date: Dec, 20, 2024
Editor:

Rev: R:A0
Page 4 of 7

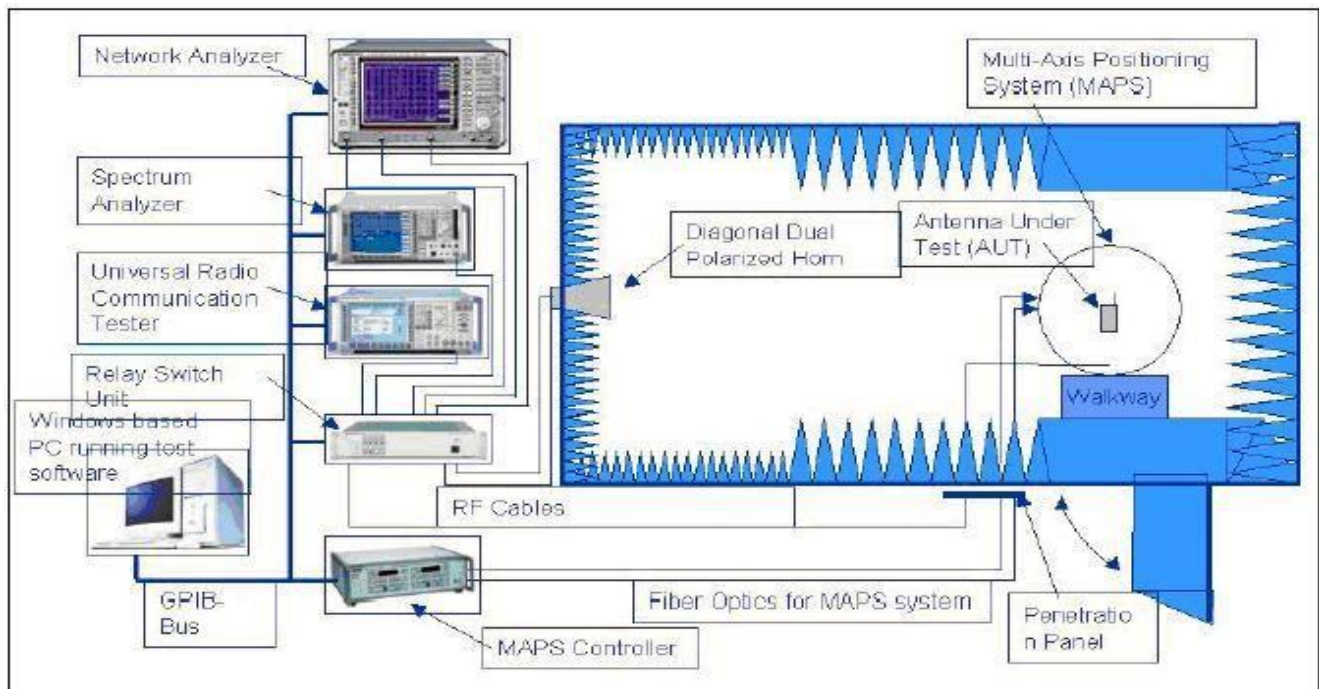
2. Test equipment



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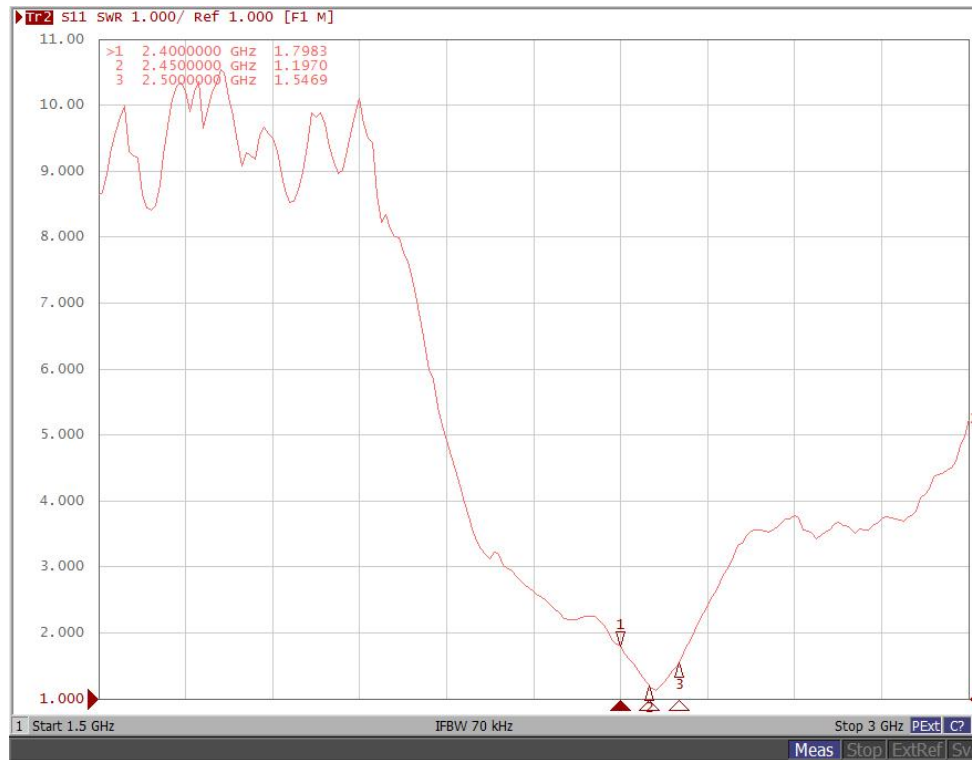
CUS P/N: L2 Plus_BT 天线组件
ZTX P/N : L2 Plus_BT 天线组件

Application Date:Dec,20,2024
Editor:

Rev: R:A0
Page 5 of 7

3.Antenna test data

3-1 VSWR



3-2 No-source test data

Frequency	Efficiency	Efficiency (dB)	Gain (dB)
2400MHz	57%	-2.41	3.22
2410MHz	59%	-2.33	3.51
2420MHz	61%	-2.14	3.96
2430MHz	63%	-2.04	4.23
2440MHz	64%	-1.94	4.47
2450MHz	64%	-1.91	4.59
2460MHz	62%	-2.04	4.46
2470MHz	60%	-2.22	4.09
2480MHz	60%	-2.24	4.20
2490MHz	60%	-2.24	4.50
2500MHz	58%	-2.37	4.45

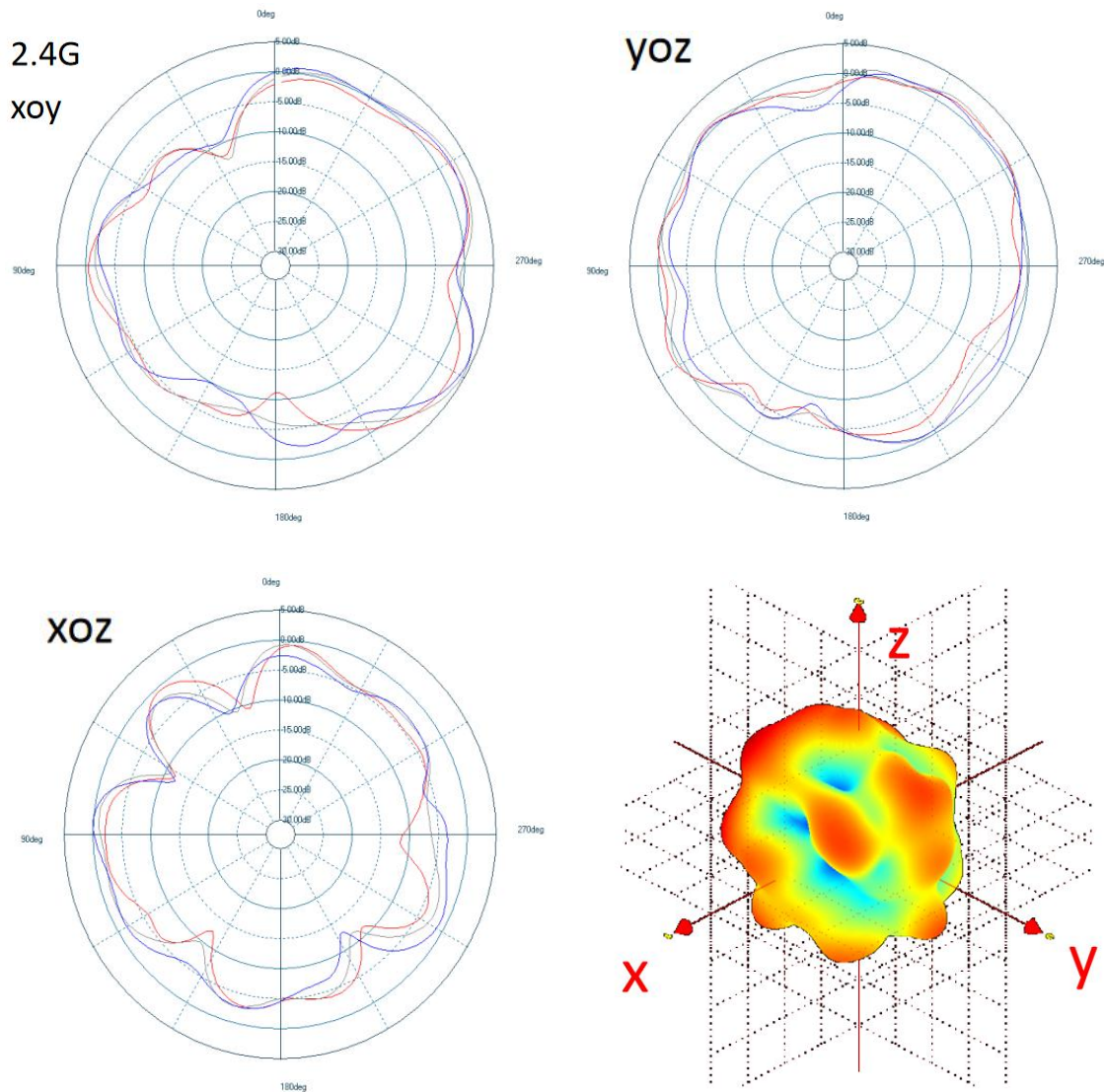
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CUS P/N: L2 Plus_BT 天线组件
ZTX P/N : L2 Plus_BT 天线组件

Application Date: Dec, 20, 2024
Editor:

Rev: R:A0
Page 6 of 7

3-3 2D/3D Radiation Pattern Results



ANTENNA SPECIFICATION

CUS P/N: L2 Plus_BT 天线组件

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Rev: R:A0

ZTX P/N : L2 Plus_BT 天线组件

Editor:

Page 7 of 7

3-4 Environmental treatment

