

SPECIFICATION

SHEET FOR APPROVAL

(Revision: R: A0)

CUSTOMER(客户名称)	通力/TLC	
CS P/N(客户机种)	A 电磁炉/Induction Cooker	
PART NAME(品名)	BT 2.4G Antenna	
MODEL NAME(型号名称)		
FREQUENCY(频率)	2400~2500MHz	
ZTX NO.(物料编号)	2.00001057	
DATE(日期)	2024-12-02	

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
柯友杰		周向荣		



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ANTENNA SPECIFICATION

CUS P/N:A 电磁炉_2.4G 天线组件
ZTX P/N :A 电磁炉_2.4G 天线组件

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Revision history

版本	日期	状态
A0	2024-12-02	初版

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1-1 Mechanical Configuration (2.4G 天线组件)



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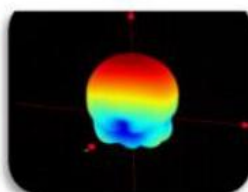
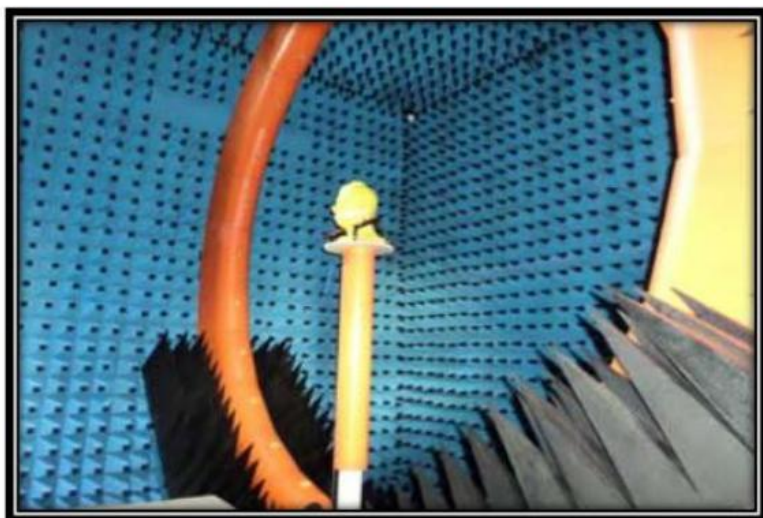
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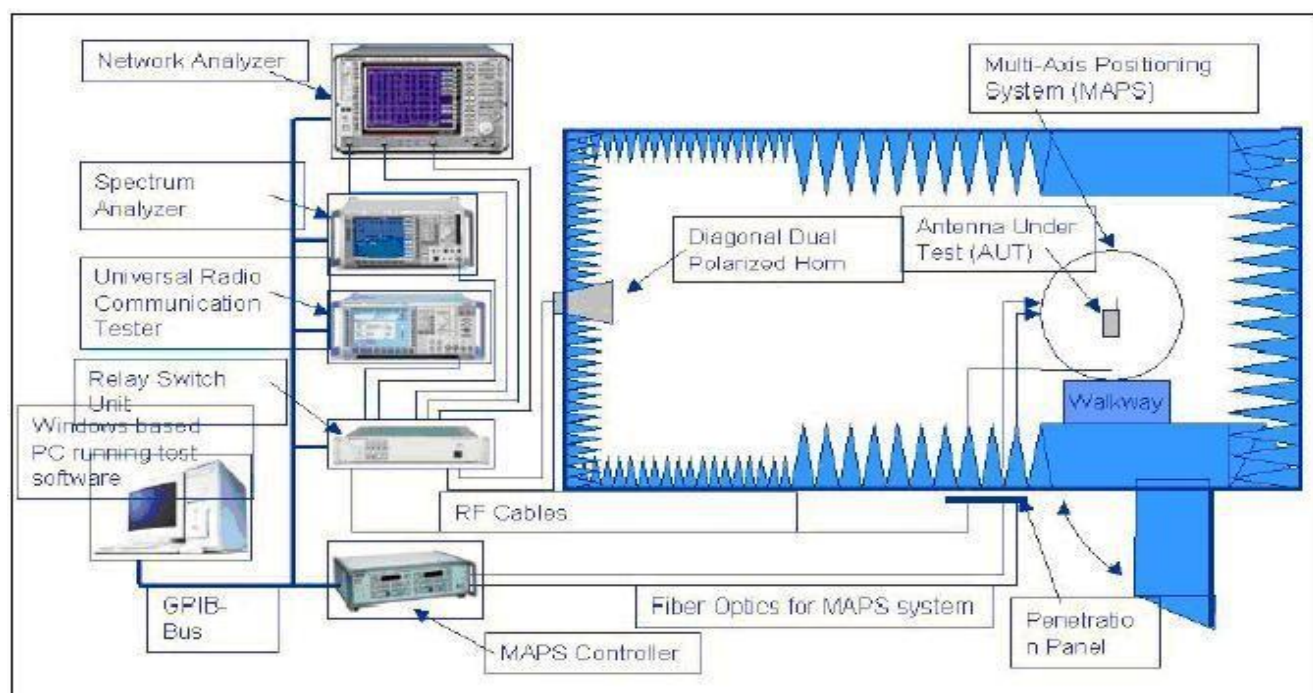
2.Test equipment



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.



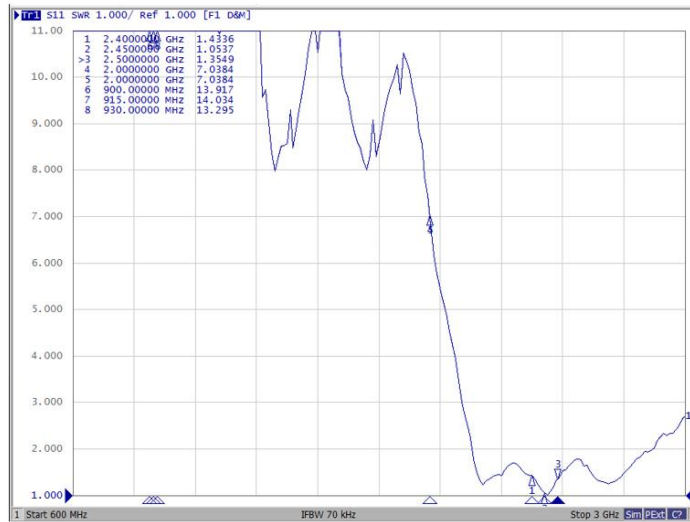
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2-1 VSWR



frequency	VSWR
2400MHz	1.43
2450MHz	1.05
2500MHz	1.35

2-2 Passive Test

Frequency Mhz	Efficiency		Peak Gain
	%	db	db
2400	44%	-3.61	2.13
2410	42%	-3.74	1.87
2420	46%	-3.39	1.46
2430	48%	-3.17	1.04
2440	47%	-3.24	0.98
2450	46%	-3.36	1.18
2460	43%	-3.67	1.39
2470	43%	-3.68	1.32
2480	43%	-3.70	1.22
2490	43%	-3.68	1.69
2500	43%	-3.67	1.48

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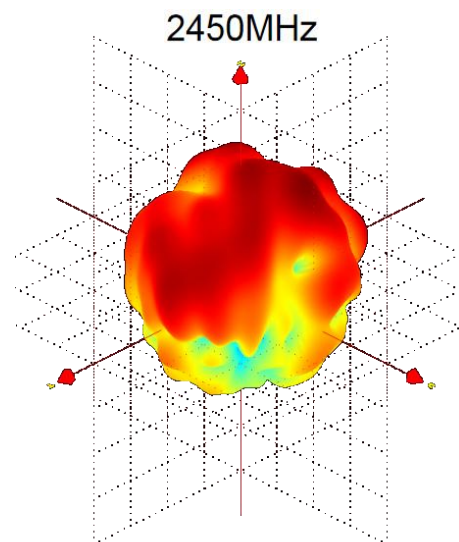
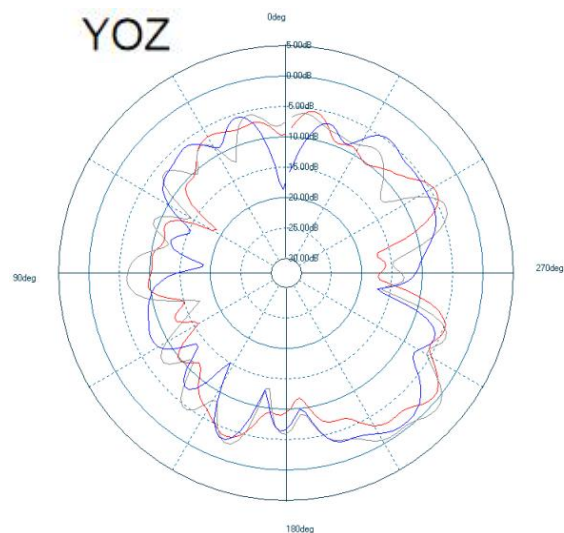
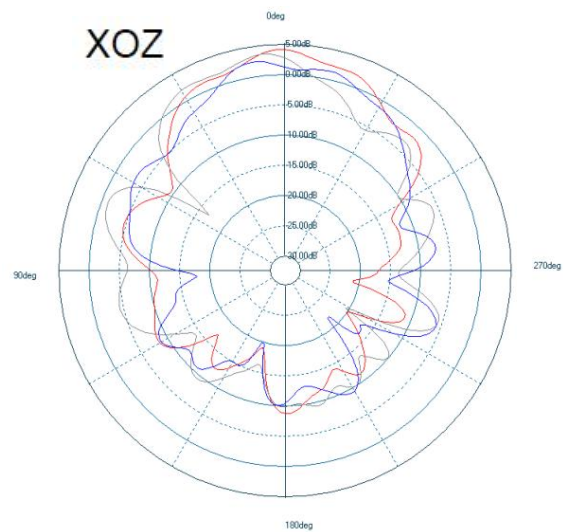
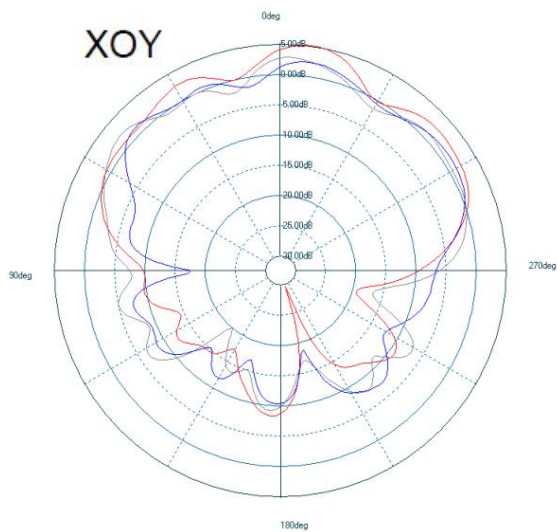
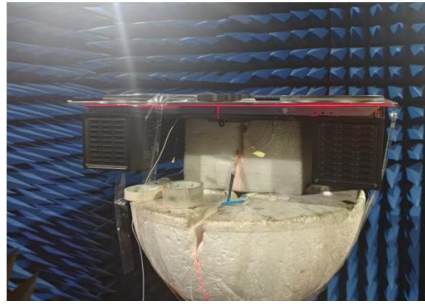
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2-3 2D/3D Radiation Pattern Results



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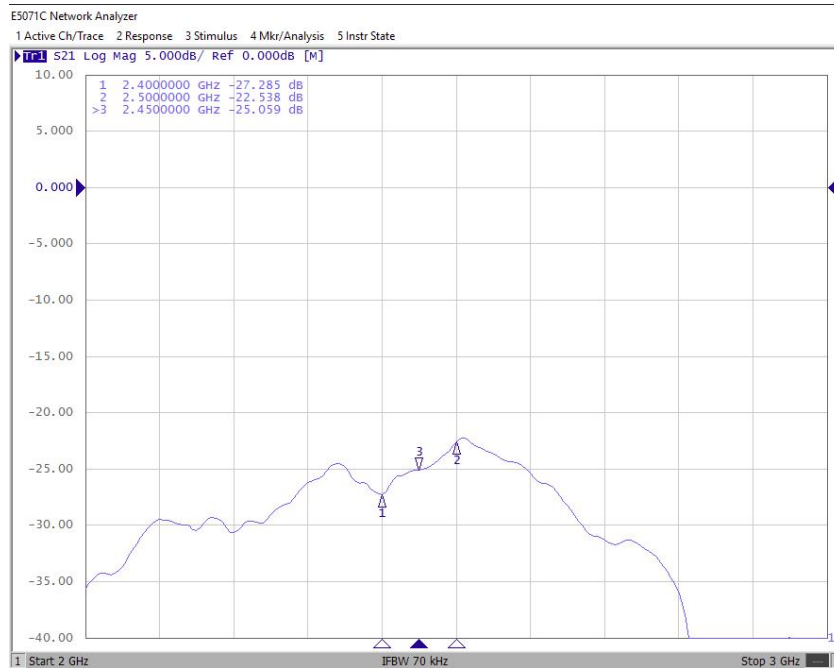
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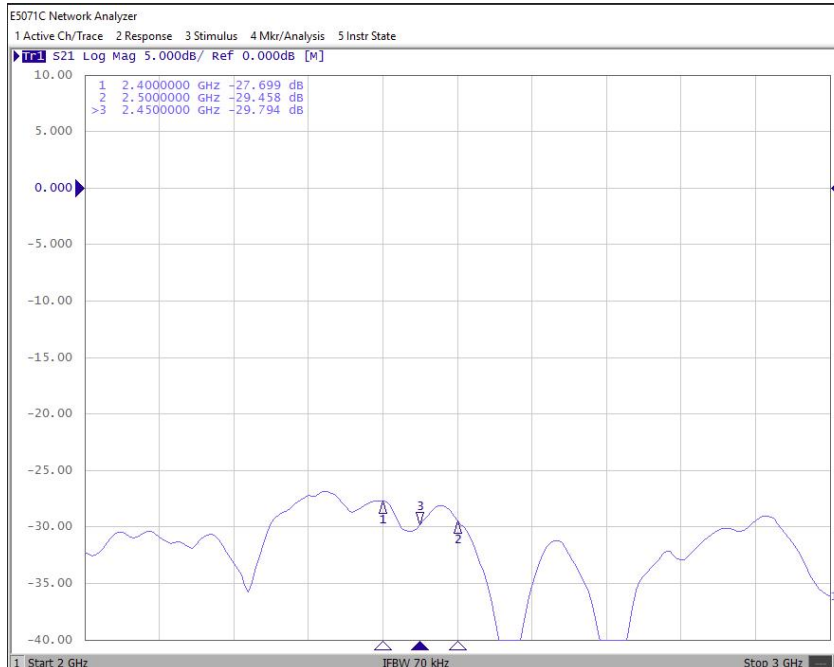
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2-4 insulation

2.4G&5G antenna and 2.4G antenna



2.4G antenna and LTE antenna



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2-4 Environmental treatment

