

SPECIFICATION

SHEET FOR APPROVAL

(Revision: R: A3)

	CUSTOMER(客户名称)	利利普	
	CS P/N(客户机种)	VT-10	
	PART NAME(品名)	WIFI	
	FREQUENCY(频率)	2400-2500MHz, 5150-5850MHz。	
	ZTX NO.(物料编号)	F.00000356	
	DATE(日期)	2024-10-29	

CUSTOMER			
QA CHECKED	ME CHECKED	RF CHECKED	MANAGER CHECKED

Remark(备注):

Sign(客户确认签字盖章):

ZHONG TIAN XUN TECHNOLOGY CO., LTD				
MANAGER CHECKED	MANAGER CHECKED	ME CHECKED	RF CHECKED	LISTER
		胡小良	林权	



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Revision history

版本	日期	状态
A1	2020-9-22	规格书制定。
A2	2023-10-19	增加性能数据。
A3	2024-10-29	更新性能数据



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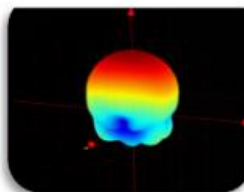
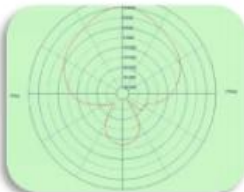
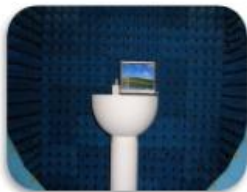
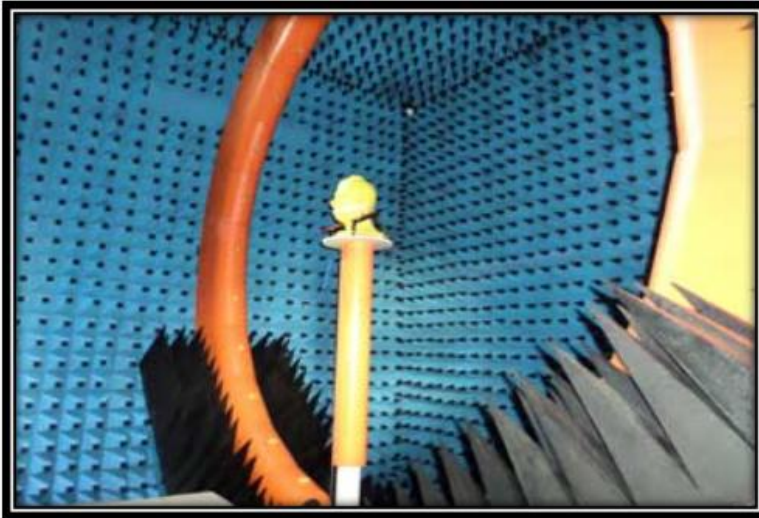
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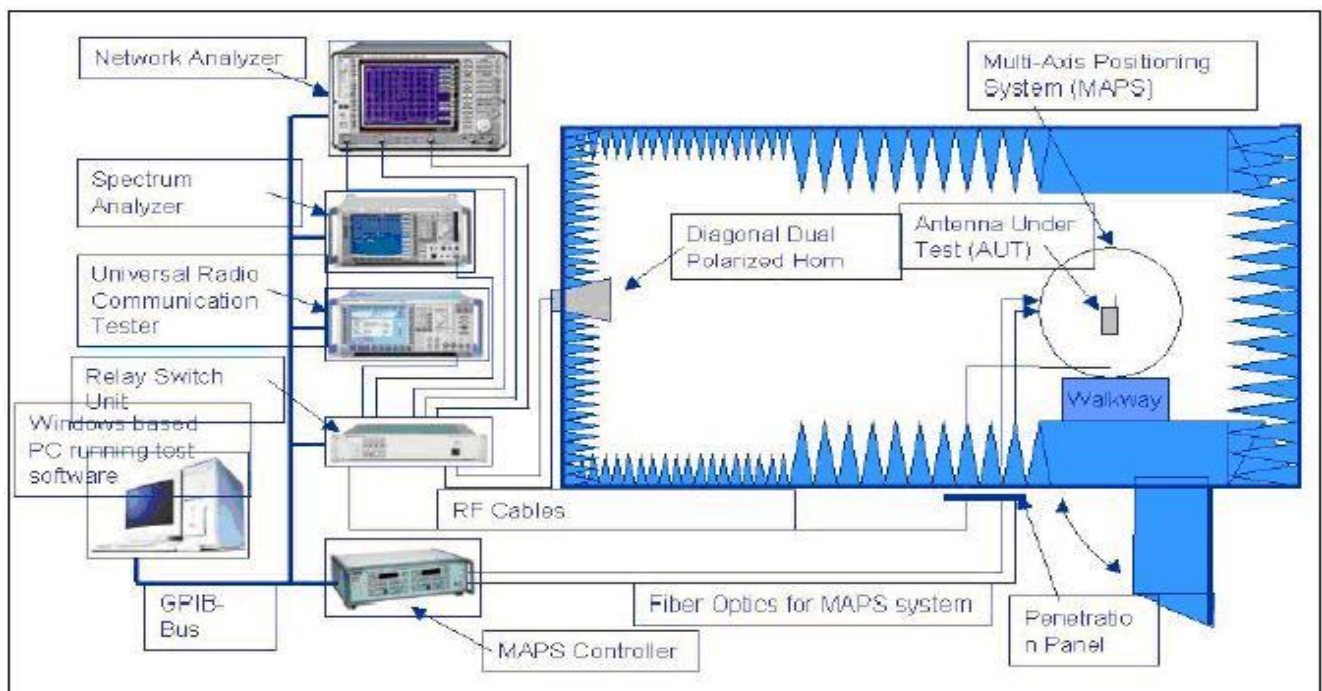
1. Test equipment



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 CITA 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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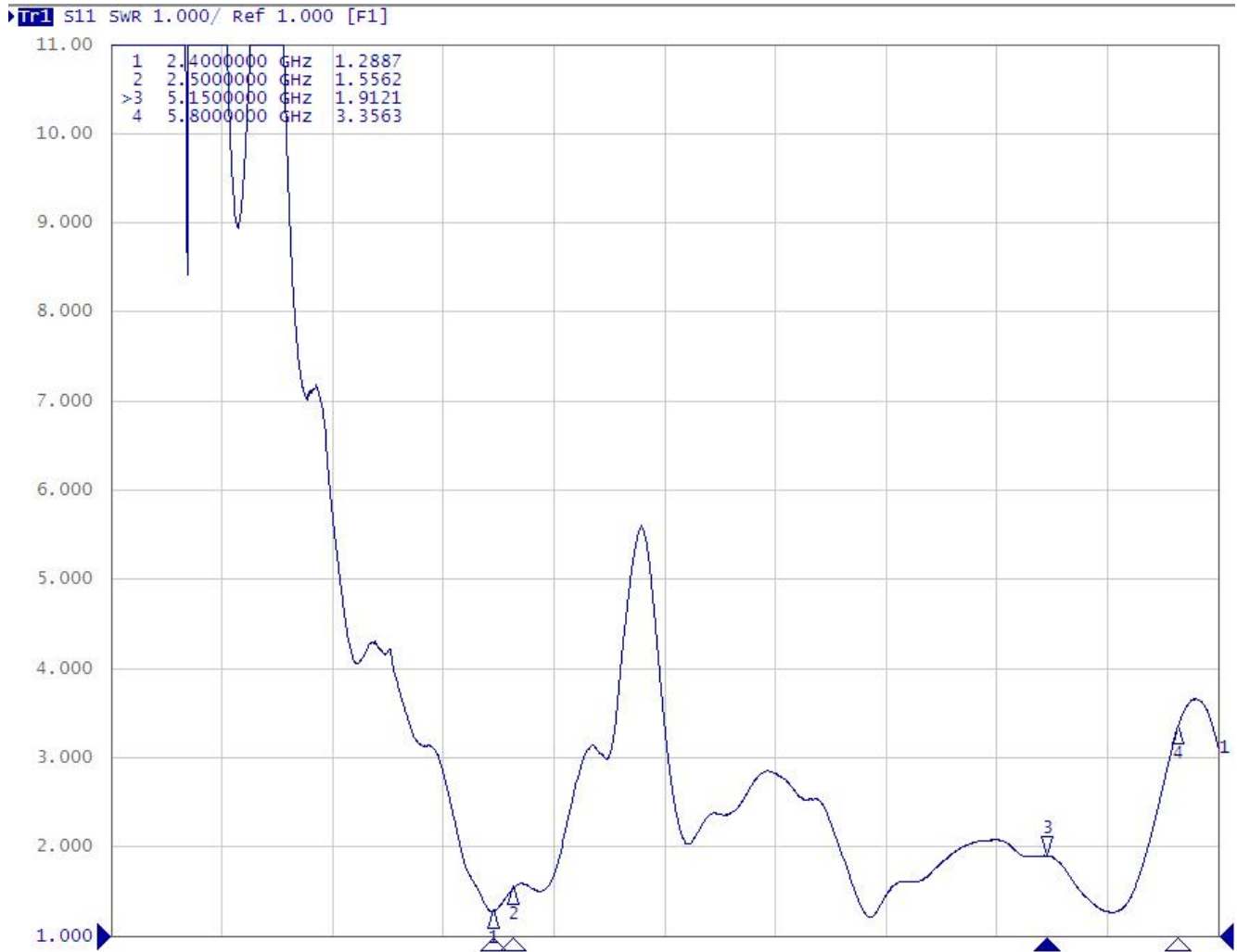
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2.Antenna test data

2-1 VSWR



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2-2 Antenna passive test

BT

chNo	Freq	Gain	Efficiency (%)
1	2400	0.857776	43.31551
2	2410	0.678192	41.81828
3	2420	0.493897	41.91572
4	2430	0.400363	42.85179
5	2440	0.406472	43.2157
6	2450	0.868953	47.21295
7	2460	1.085048	48.47515
8	2470	1.18646	49.54744
9	2480	1.209595	48.53762
10	2490	0.680011	43.39745
11	2500	0.413454	39.13091



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WIFI

chNo	Freq	Gain	Efficiency (%)	chNo	Freq	Gain	Efficiency (%)
1	2400	0.857776	43.31551	14	5250	0.291097	43.85671
2	2410	0.678192	41.81828	15	5300	1.744955	55.24959
3	2420	0.493897	41.91572	16	5350	2.076237	56.24759
4	2430	0.400363	42.85179	17	5400	3.071856	59.94977
5	2440	0.406472	43.2157	18	5450	1.864094	55.84675
6	2450	0.868953	47.21295	19	5500	2.590312	52.44131
7	2460	1.085048	48.47515	20	5550	2.328117	54.5321
8	2470	1.18646	49.54744	21	5600	2.374195	53.55206
9	2480	1.209595	48.53762	22	5650	1.989258	59.51437
10	2490	0.680011	43.39745	23	5700	3.009061	54.27695
11	2500	0.413454	39.13091	24	5750	0.916973	49.28607
12	5150	-0.83631	33.3592	25	5800	-0.79904	40.13004
13	5200	0.274728	39.68039	26	5850	0.972447	49.05337



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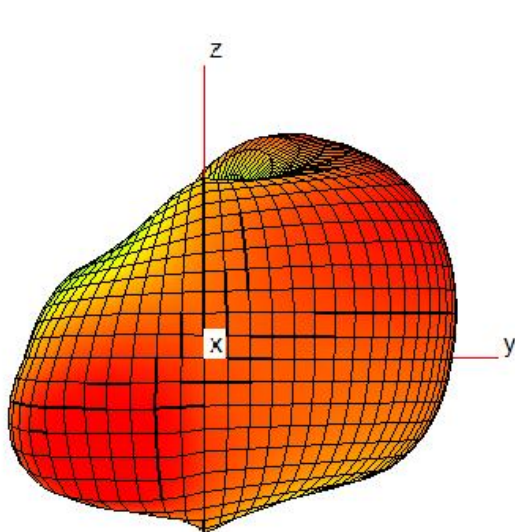
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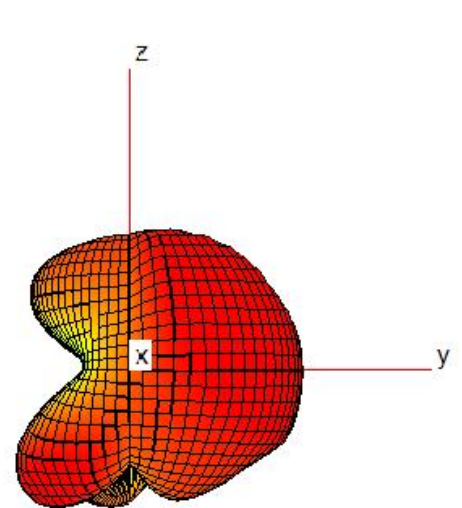
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2-3 3D radiation drawing



2450MHz



5500MHz



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2-4 Active test data

频段	参数\信道	1	7	13
11B	TRP	14.53	14.67	14.85
	TIS	-85.70	-84.62	-83.24
11G	TRP	13.01	13.14	13.43
	TIS	-70.12	-69.49	-68.74
11G/N	TRP	13.14	13.51	13.65
	TIS	-68.08	-69.38	-66.19
11A	TRP	10.15	11.45	10.21
	TIS	-70.56	-69.97	-66.58



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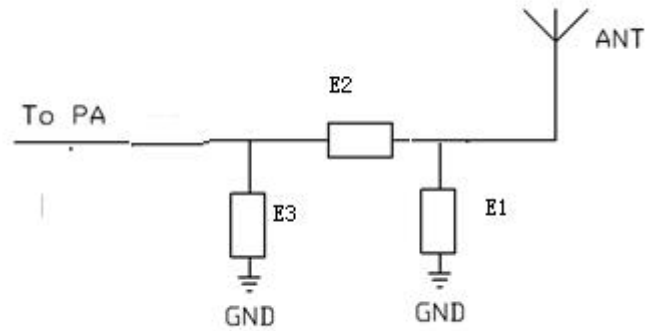
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2-5 Matching circuit



匹配说明	
E1	NC
E2	0Ω
E3	NC



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2-6 Environment treatment



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3. Mechanical Specification

