

SPECIFICATION

SHEET FOR APPROVAL

^ Revision R A0~

	CUSTOMER(厂)	Shenzhen Spectron Future Technology Co., Ltd.	
	CS P/N()	L3	
	PART NAME(品名)	WIFI0 antenna component	
	FREQUENCY(频率)	2400~2500/5150~5850MHz	
	ZTX NO.(物料编号)	2.00000423	
	DATE(日期)	2026-03-18	

CUSTOMER			
QA CHECKED	ME CHECKED	RF CHECKED	MANAGER CHECKED

Remark(备注):

Sign:

Shenzhen ZTX Communication Technology Co., Ltd			
MANAGER CHECKED	ME CHECKED	RF CHECKED	LISTER
	Qin Le	Zhang Zebin	



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Revision history

Version	Date	Status
A0	2026-03-09	First edition

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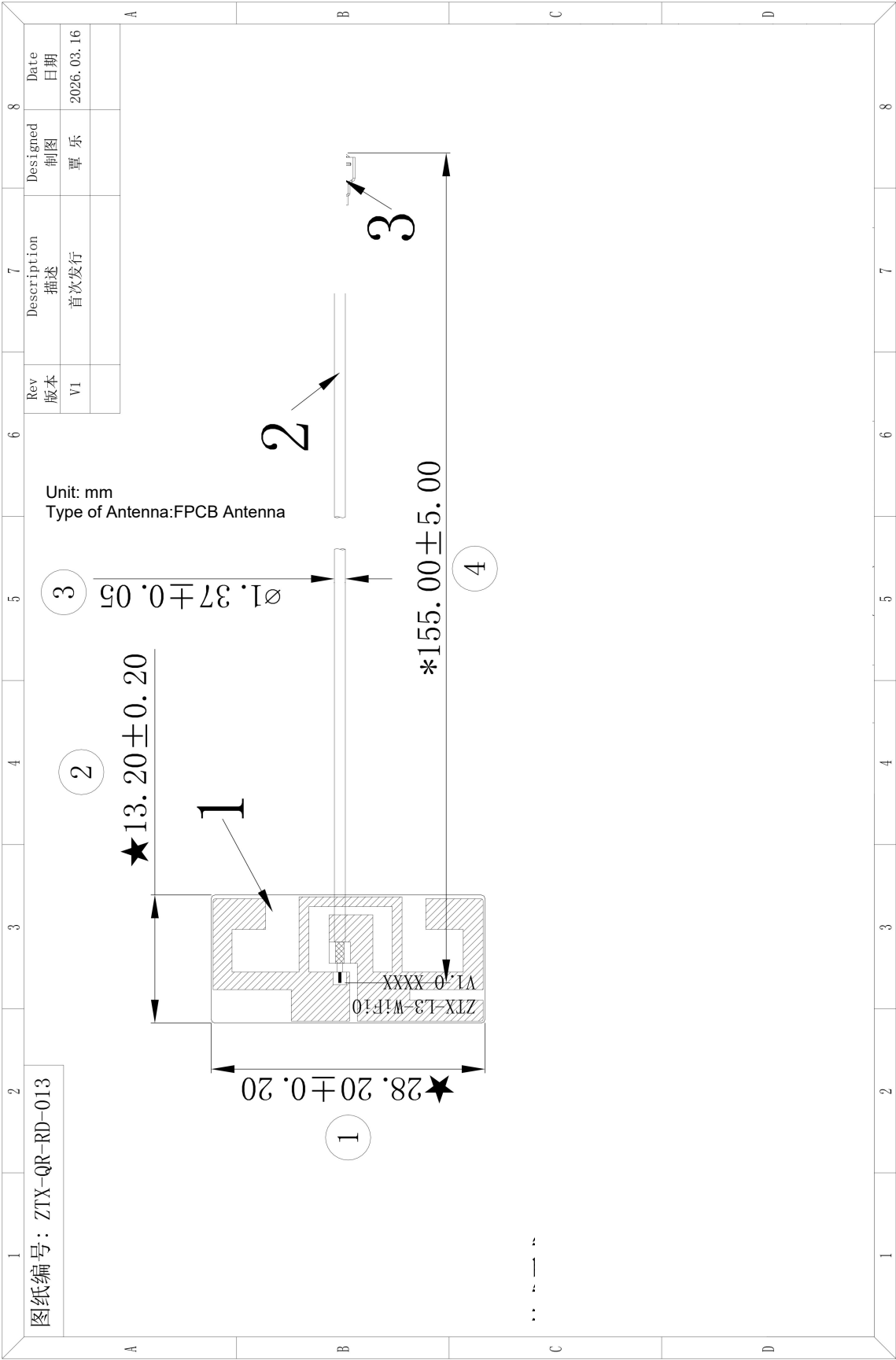
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1.Mechanical Specification

1-1 Mechanical Configuration(WIFI0)



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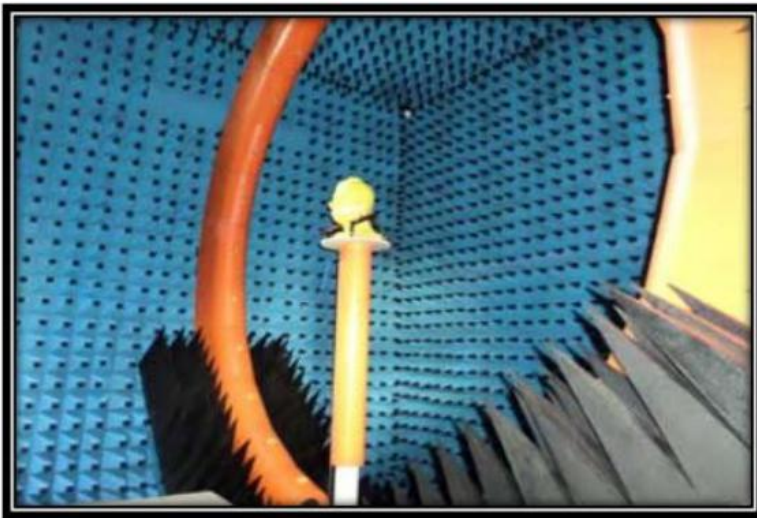
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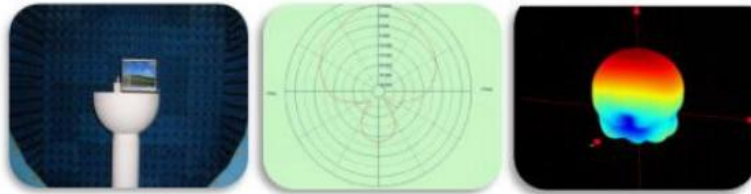
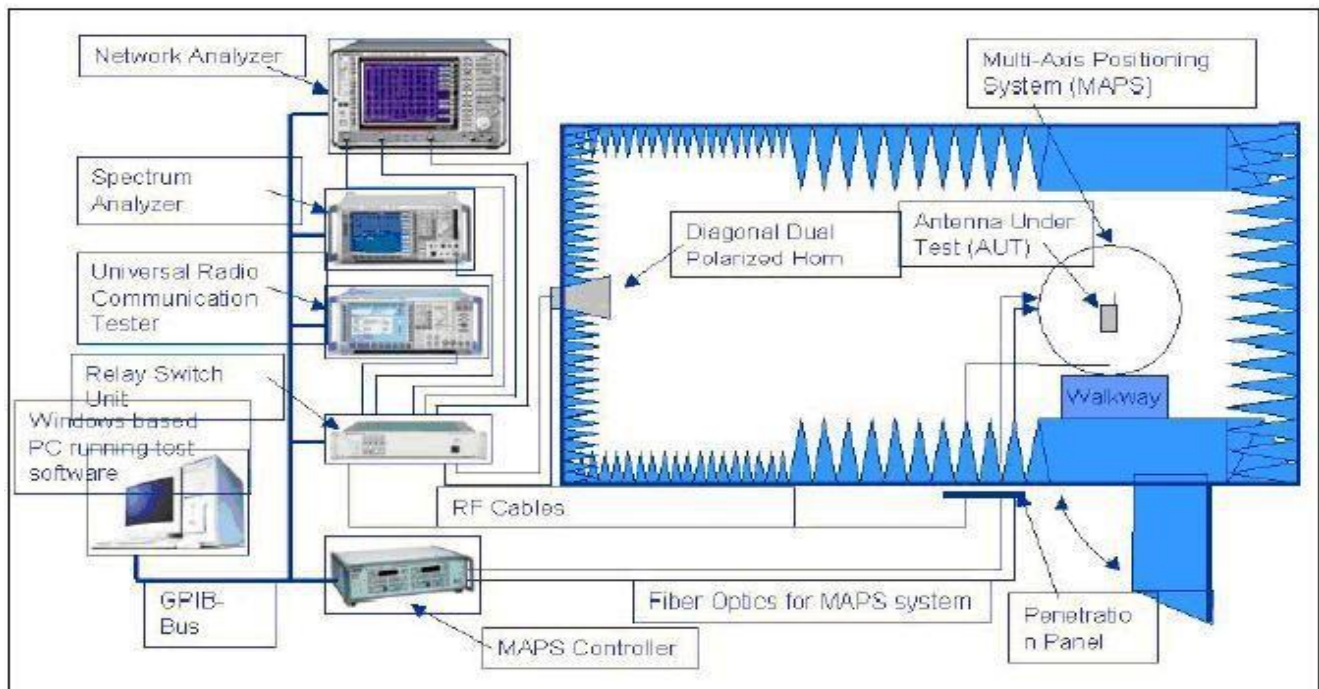
2. Test equipment



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.



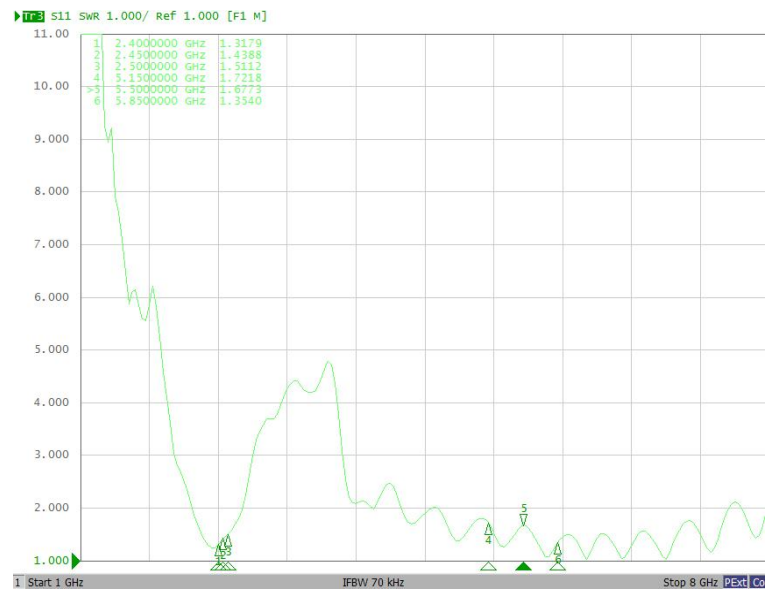
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3.Antenna test data

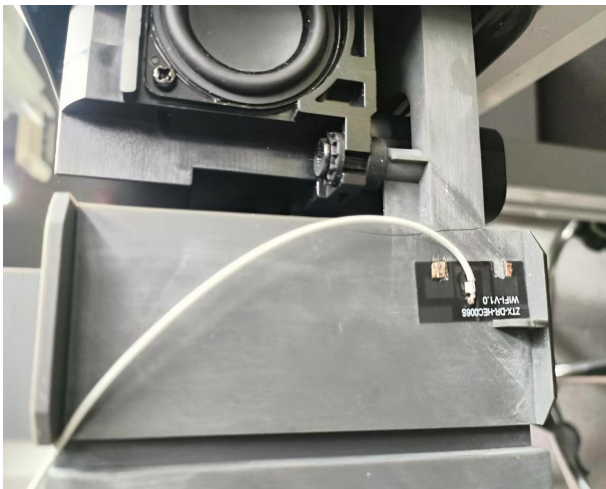
3-1 S11



3-2 Passive test

Frequency	Efficiency	Efficiency . dB	Gain . dBi				
2400000000	62%	-2.04	4.75	5200000000	55%	-2.57	4.34
2410000000	61%	-2.16	4.72	5250000000	57%	-2.41	4.70
2420000000	61%	-2.13	4.57	5300000000	61%	-2.15	5.25
2430000000	62%	-2.09	4.50	5350000000	58%	-2.36	4.65
2440000000	62%	-2.08	4.52	5400000000	59%	-2.26	4.54
2450000000	61%	-2.15	4.42	5450000000	58%	-2.35	4.62
2460000000	61%	-2.17	4.58	5500000000	58%	-2.40	4.91
2470000000	60%	-2.20	4.38	5600000000	56%	-2.51	5.19
2480000000	60%	-2.20	4.21	5650000000	60%	-2.25	6.01
2490000000	61%	-2.16	4.13	5700000000	59%	-2.32	5.79
2500000000	64%	-1.97	4.24	5750000000	58%	-2.34	5.79
5150000000	54%	-2.64	4.40	5800000000	56%	-2.48	5.53
				5850000000	55%	-2.60	5.24

3-3 Environmental treatment



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3-4 2D/3D Radiation Pattern Results

