

SPECIFICATION

SHEET FOR APPROVAL

(Revision: R: A1)

	Antenna Type	FPCB Antenna	
	CS P/N	TAC2	TAC2
	PART NAME	WIFI ANT	L=210mm
	FREQUENCY	2.4~2.5GHz+5.15~5.85GHz	
	ZTX NO.	2.00005864	
	DATE	2022-11-24	

CUSTOMER			
QA CHECKED	ME CHECKED	RF CHECKED	MANAGER CHECKED

Remark:

ZHONG TIAN XUN TECHNOLOGY CO., LTD				
MANAGER CHECKED	MANAGER CHECKED	ME CHECKED	RF CHECKED	LISTER
Guohua Zou		Ningping Lai	Feng Zhao	



Shenzhen ZTX Communication Technology Co., Ltd

address: No. 34, Shilong Avenue, Shuangyan Town, Bao'an District, Shenzhen (Tengda Industrial Park)

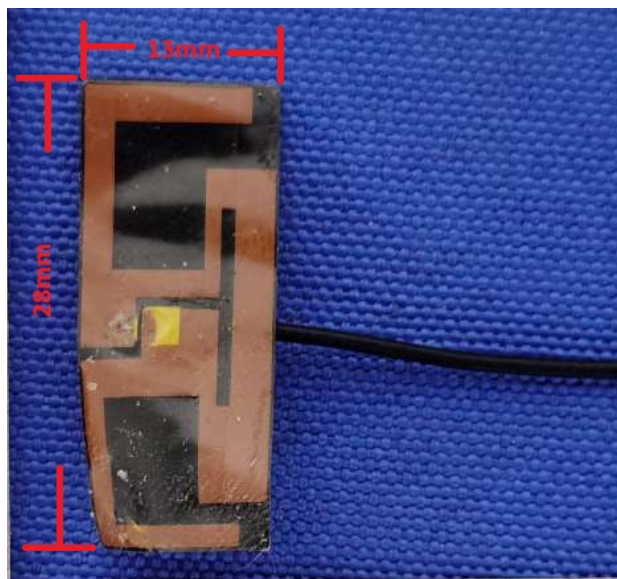
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REVISION HISTORY

REVISION	DESCRIPTION	DATE
A1	First time to issue	2022/11/24

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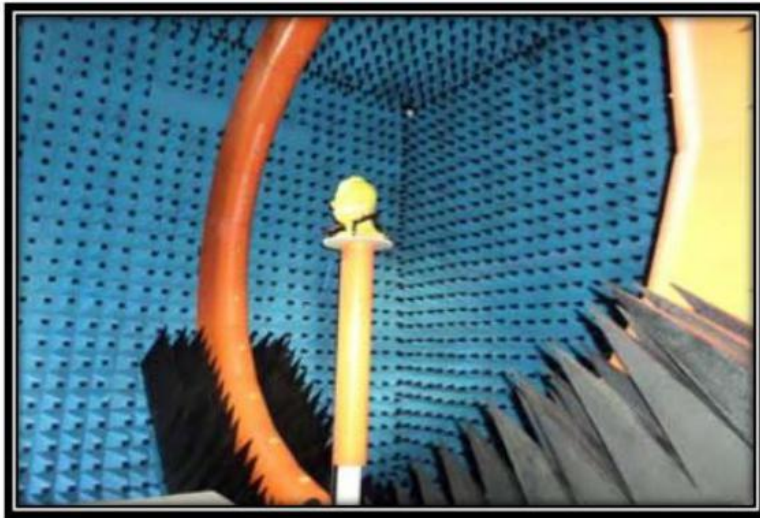
1.Product drawings



Size: 28mm*13mm

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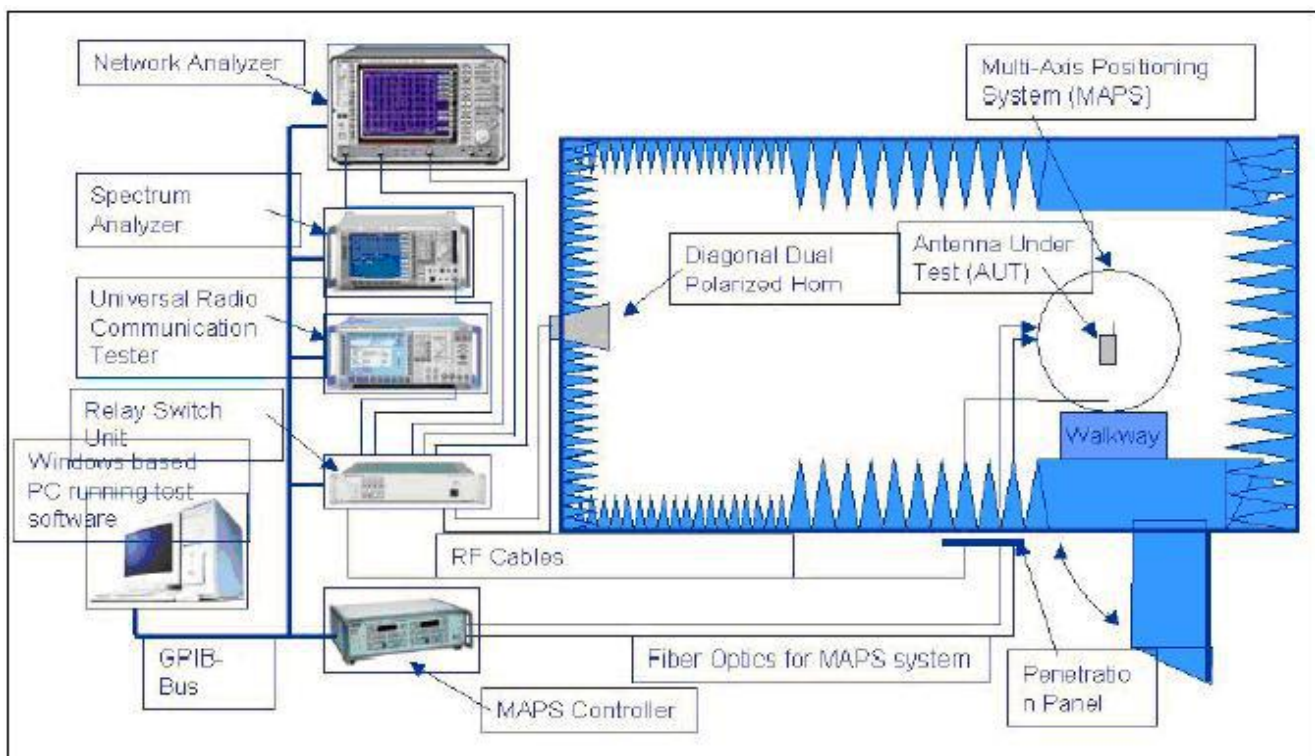
2. Test equipment



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.



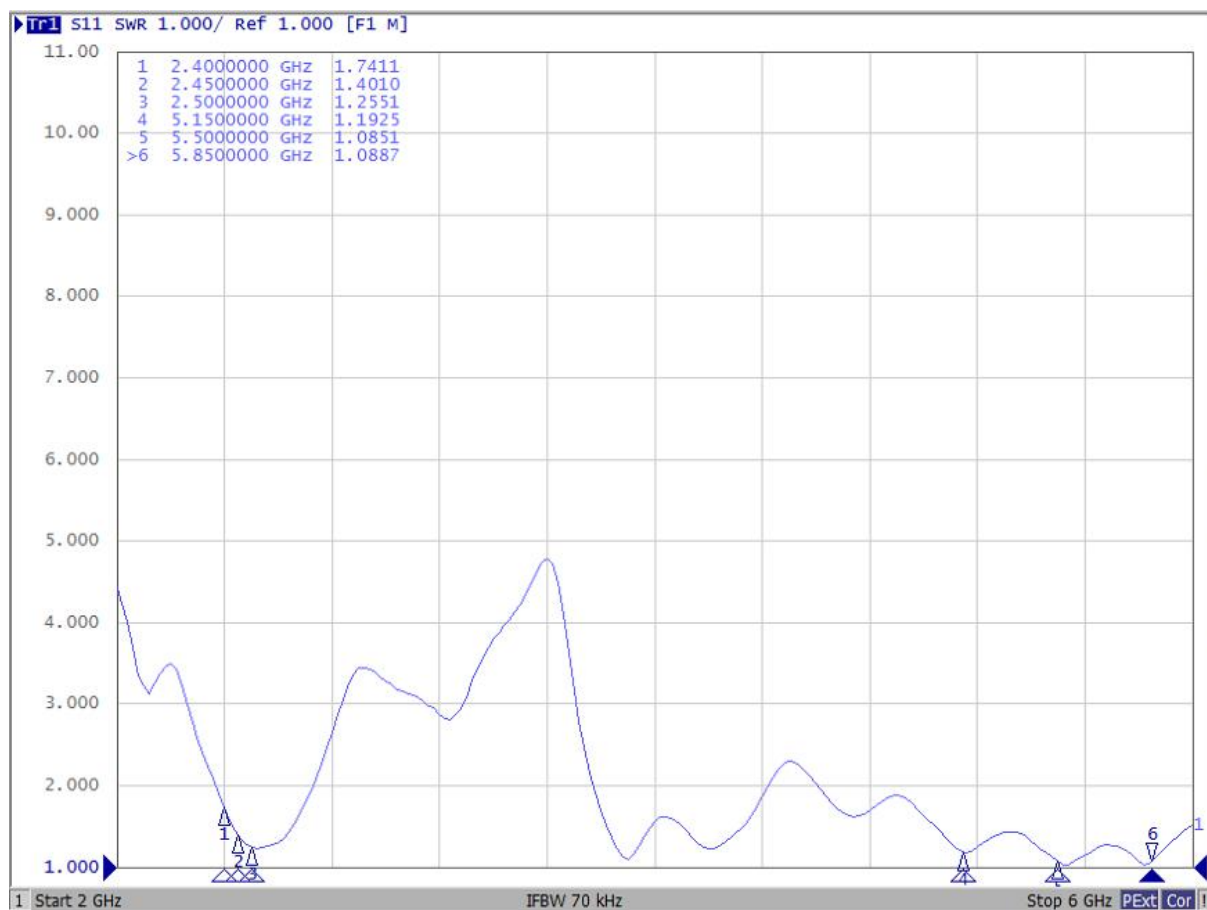
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3. Antenna test data

Active Test

2.4GWIFI-B	Channel	1	6	11	Rate
	TRP	15.31	14.97	14.28	1Mbps
	TIS	-80.08	-82.44	-79.93	11Mbps
5GWIFI-A	Channel	36	149	165	Rate
	TRP	13.48	10.05	9.08	6Mbps
	TIS	-71.2	-71.28	-70.41	54Mbps

VSWR



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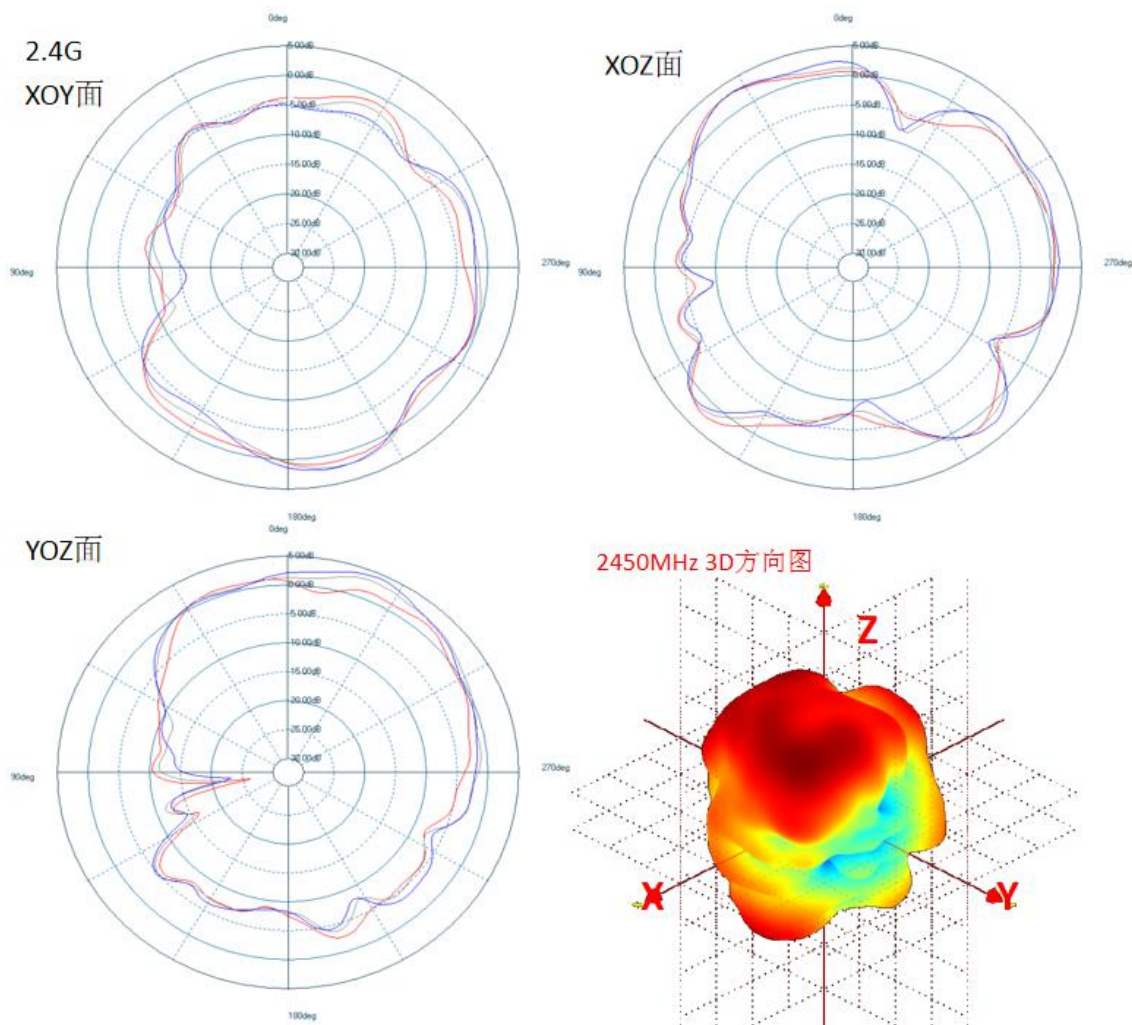
No-source test data

Frequency Mhz	Efficiency		Peak Gain dB	Frequency Mhz	Efficiency		Peak Gain dB
	%	dB			%	dB	
2400	60.16	-2.21	3.91	5150	46.89	-3.29	4.94
2410	59.64	-2.24	3.73	5200	48.06	-3.18	5.10
2420	64.33	-1.92	4.13	5250	47.15	-3.26	5.20
2430	64.52	-1.90	4.15	5300	48.62	-3.13	5.38
2440	65.81	-1.82	4.16	5350	50.19	-2.99	5.45
2450	66.09	-1.80	4.02	5400	47.83	-3.20	4.68
2460	65.30	-1.85	3.82	5450	49.57	-3.05	4.93
2470	67.10	-1.73	3.66	5500	47.66	-3.22	4.83
2480	67.76	-1.69	3.67	5550	47.19	-3.26	5.09
2490	69.06	-1.61	3.88	5600	46.62	-3.31	5.16
2500	69.10	-1.61	4.19	5650	45.94	-3.38	5.14
				5700	43.46	-3.62	5.00
				5750	45.95	-3.38	5.00
				5800	45.10	-3.46	4.64
				5850	44.80	-3.49	4.38

Environment treatment

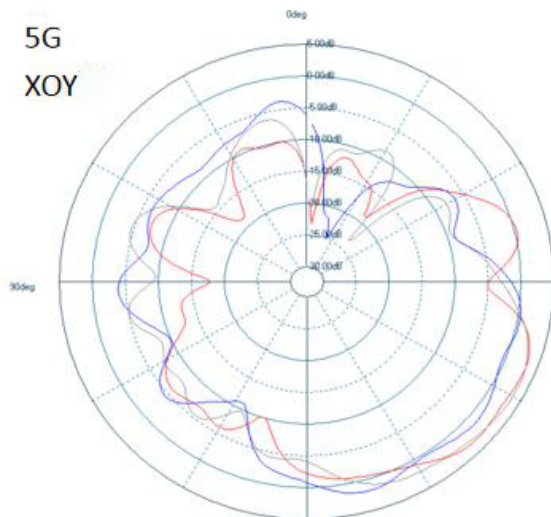
N/A

2D/3D Radiation Pattern Results

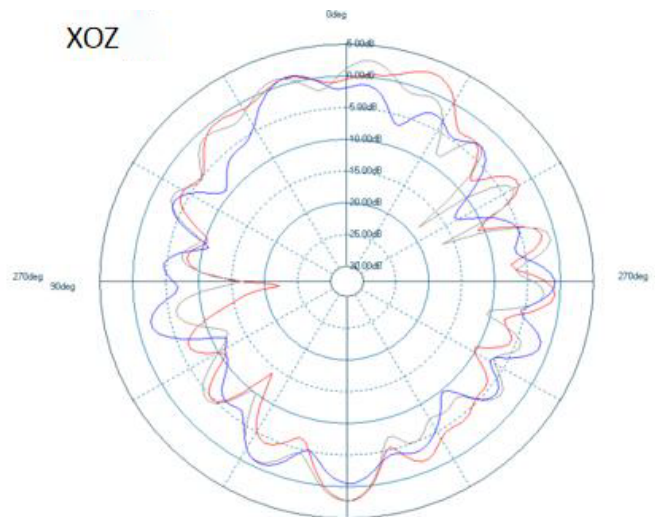


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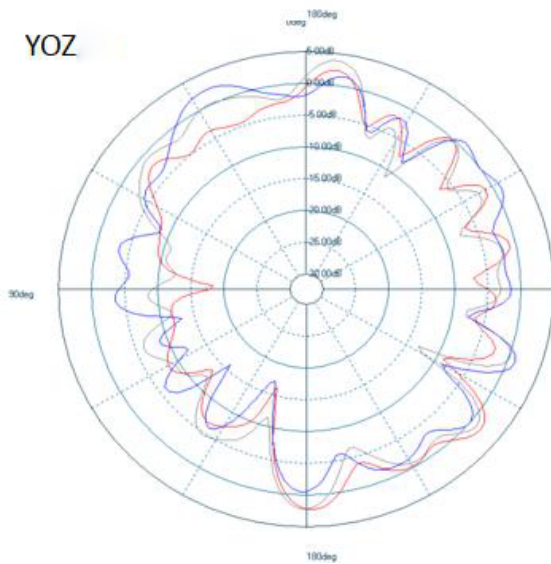
5G
XOY



XOZ



YOZ



5500MHz.3D

