

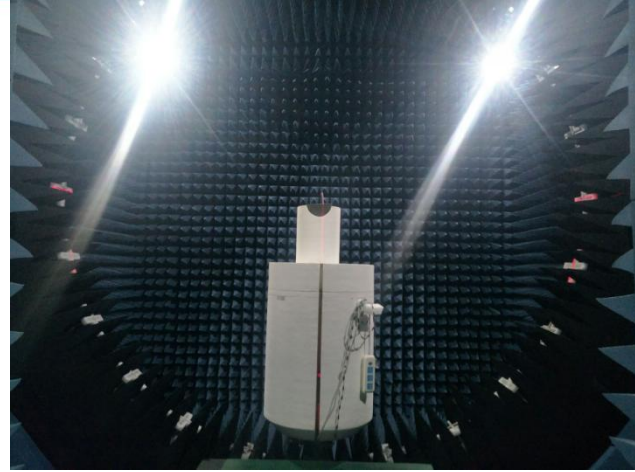
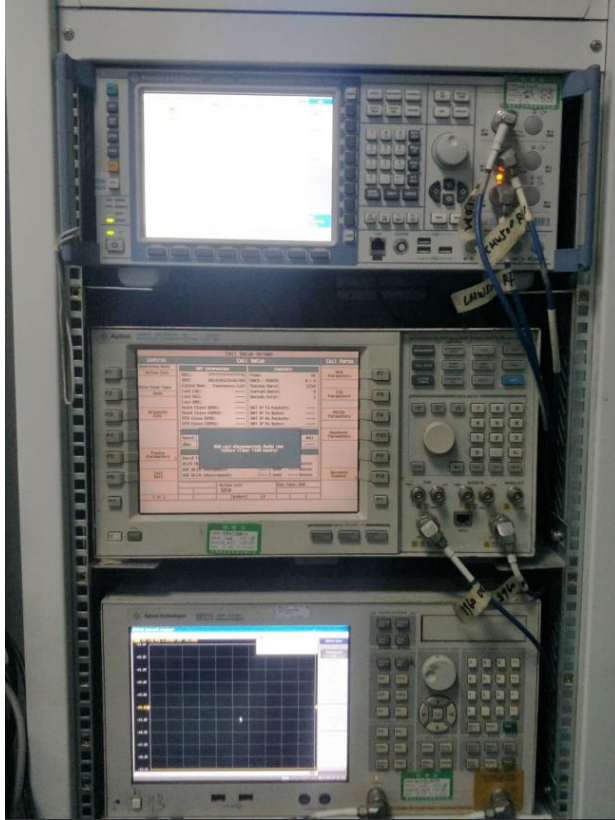
深圳市连兴创电子科技有限公司

Shenzhen lxc Electronics Technology Co.,Ltd

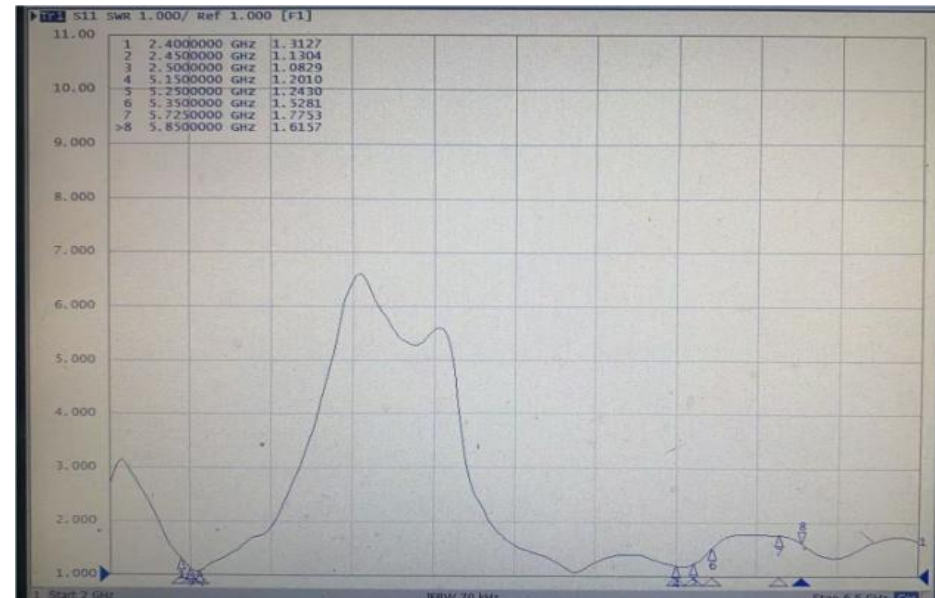
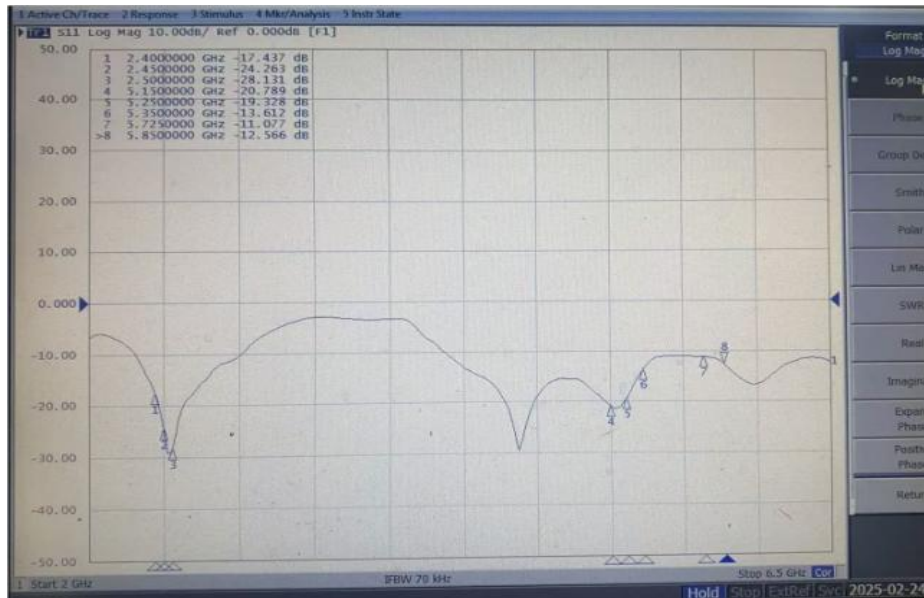
Antenna Specification

2025年2月24日

4.测试环境 testing environment



WIFI-1 (S11\VSWR)



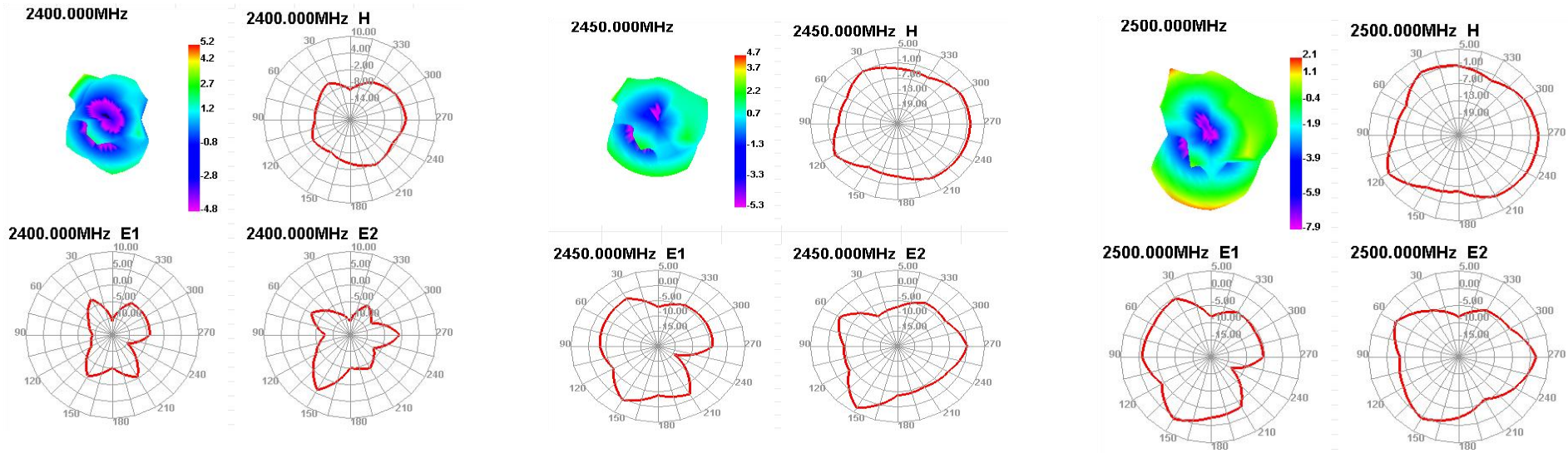
WIFI-1无源测试数据

WIFI-1 Passive test data

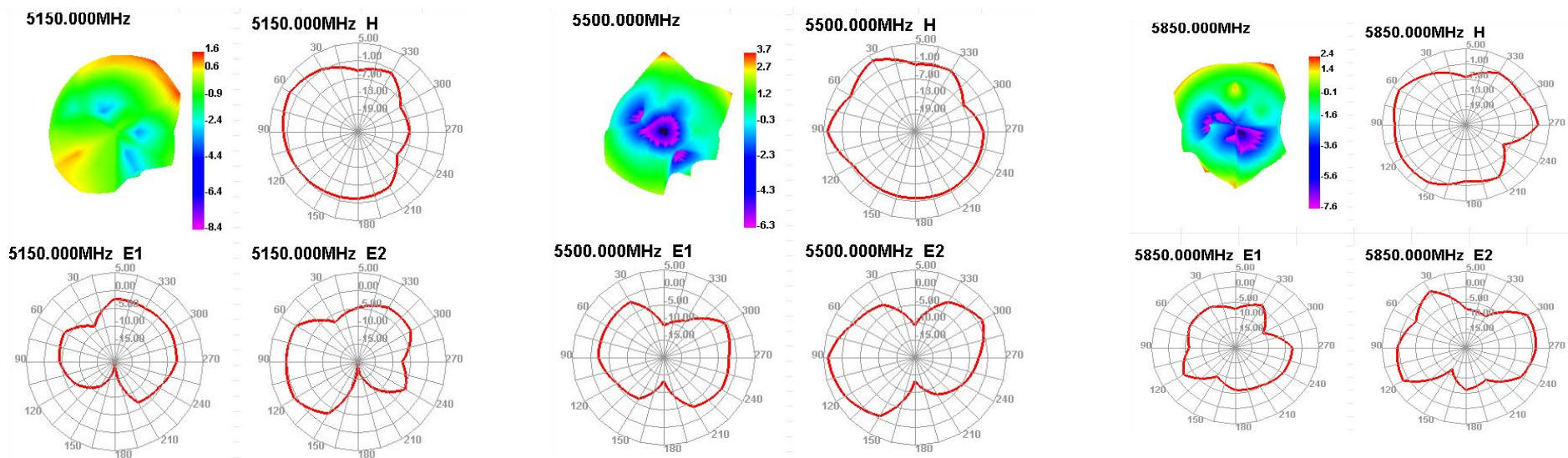
Freq	Effi	Gain
(MHz)	(%)	(dBi)
2400	52.54	5.22
2410	54.26	5.3
2420	53.45	4.99
2430	54.41	4.75
2440	56.64	5.07
2450	58.39	4.7
2460	57.9	4.4
2470	57.71	3.82
2480	56.29	3.17
2490	54.53	2.65
2500	53.39	2.1

Freq	Effi	Gain
(MHz)	(%)	(dBi)
5150	49.55	1.57
5350	50.78	2.14
5550	51.55	3.72
5650	51.2	3.48
5850	50.29	2.4

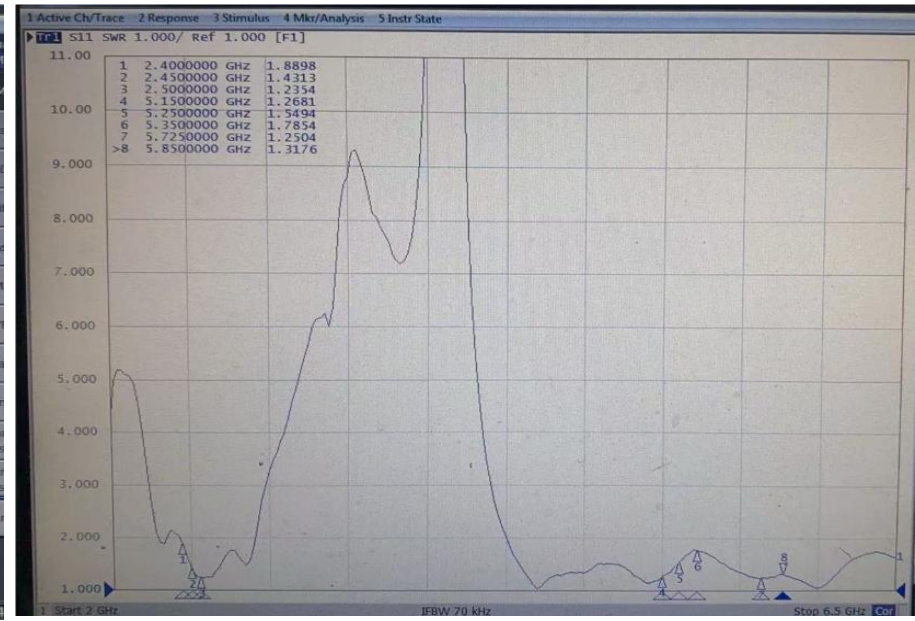
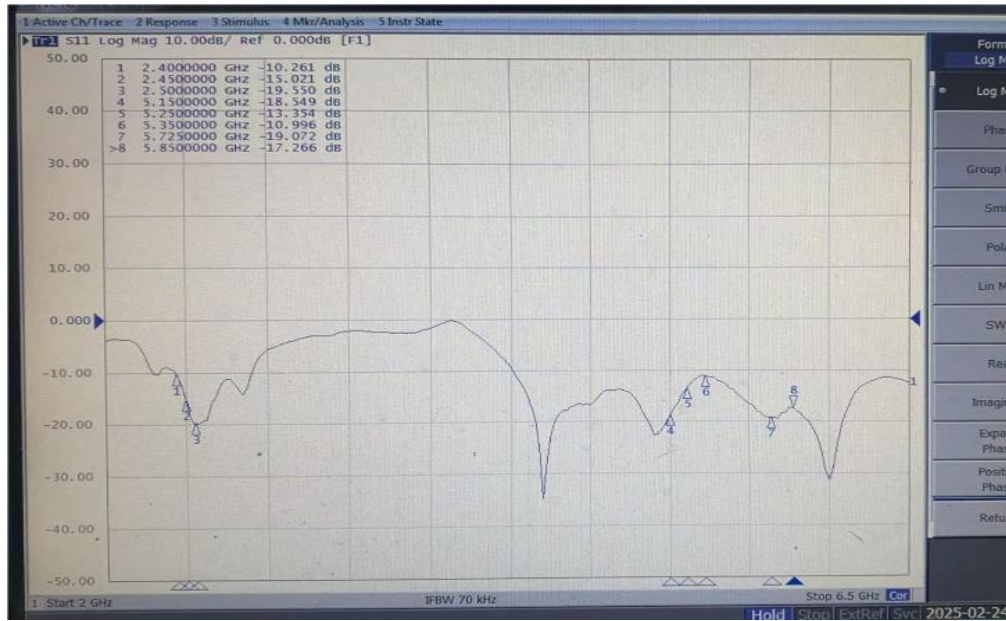
WIFI-1 Passive test data



WIFI-1无源测试数据 WIFI-1 Passive test data



BT(S11/VSWR)

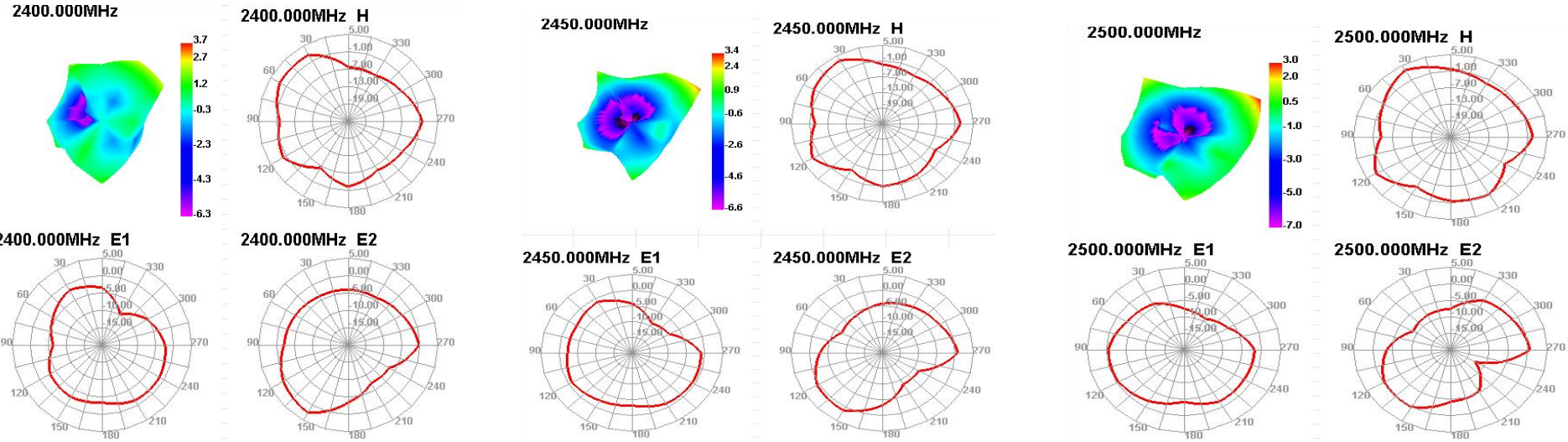


BT Passive test data

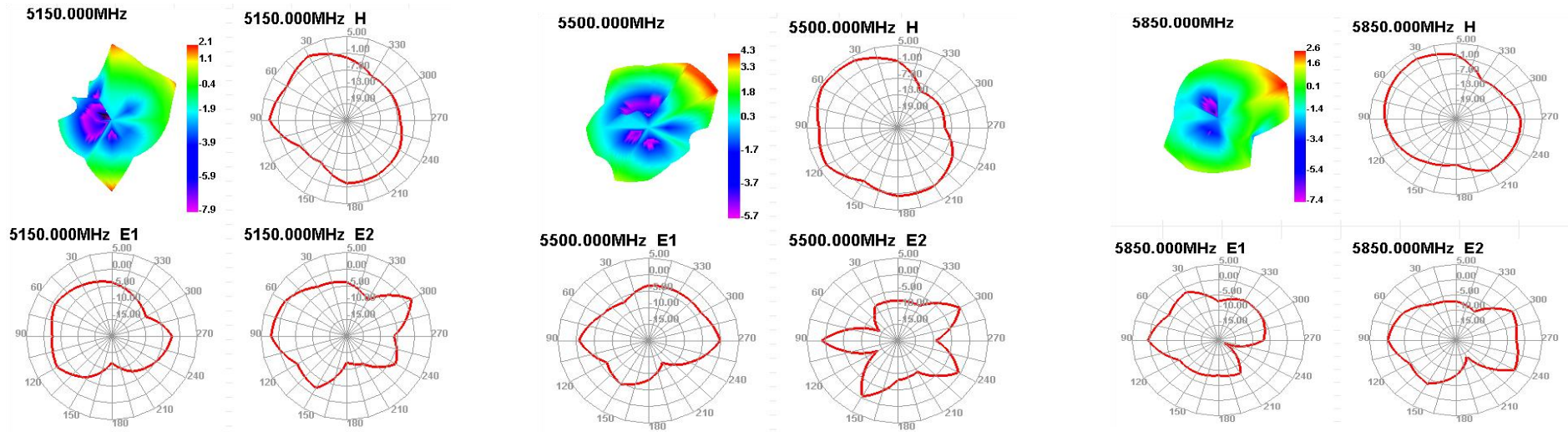
Freq	Effi	Gain
(MHz)	(%)	(dBi)
2400	55.35	3.68
2410	56.38	3.66
2420	57.05	3.25
2430	57.71	3.03
2440	58.35	3.22
2450	58.72	3.41
2460	57.42	3.54
2470	57.11	3.43
2480	56.37	3.29
2490	56.89	3.21
2500	55.96	3.00

Freq	Effi	Gain
(MHz)	(%)	(dBi)
5150	47.55	2.05
5350	55.78	4.25
5550	57.55	4.33
5650	52.2	5.18
5850	49.29	2.59

BT Passive test data



BT Passive test data



整机有源测试数据

The whole machine has active test data

WiFi(2.4G/B)	CH	功率(11M)	灵敏度(11M)	WiFi(2.4G/N)	CH	功率(MCS7)	灵敏度(MCS7)
	1	16.76	-79.85		1	15.56	-66.82
	6	16.82	-79.93		6	15.63	-66.74
	11	16.65	-80.06		11	15.42	-66.58
WiFi(2.4G/G)	CH	功率(54M)	灵敏度(54M)	WiFi(5G/A)	CH	功率(54M)	灵敏度(54M)
	1	15.25	-69.92		36	16.89	-69.55
	6	15.46	-70.12		149	16.92	-69.76
	11	15.47	-70.24		165	17.05	-69.80

1		2		3		4		5		6	
								sign		autograph	
								Modify content		date	

Terminal facing downwards

3

2

1

35.70

12.90

1.43mm

*100.0 ± 3.0

1-431L-600T-5900W233R

notes:

1. dimension "For key dimensions, Unmarked tolerance dimensions according to ±0.15 detection

2. Please refer to the drawing for unmarked dimensions

3. conform to ROHS 2.0 halogen-free

Shenzhen Lxc Electronics Technology Co., Ltd									
Drawing perspective		Entry name		date		design		date	
0~3	±0.05	Φ	0.03	X3-71711		2025-05-05			
3~30	±0.03	○	0.03	Y11 surface		to examine		Tong Hongjiao	
30~50	±0.10	⊙	0.02	Y11 surface		to examine		Tong Hongjiao	
50~80	±0.12	⊙	0.02	Y11 surface		to examine		Tong Hongjiao	
80~100	±0.15	⊙	0.02	Y11 surface		to examine		Tong Hongjiao	
Scale 1:1				Material		unit		projected 1:1	
				PCB				version A.1	

4					
3	IFEX	TRX			
2	cable	Q11 3mm Cable, Bulk, 500 Double twisted			
1	PCB	PCB			
NO.		DESCRIPTION	MATERIAL	REMARKS	QTY

TEST:		Language:	
A		English	
地址: Address: Floor 4, Building C, Jinruihua Industrial Park, No.12 Huafang Road, Dalang Street, Longhua District, Shenzhen			
Phone: 0755-29195258 FAX: 0755-29590286			
Shenzhen Lxc Electronics Technology Co., Ltd			

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地址: Address: Floor 4, Building C, Jinruihua Industrial Park, No.12 Huafang Road, Dalang Street, Longhua District, Shenzhen Phone: 0755-29195258 FAX: 0755-29590286 Shenzhen Lxc Electronics Technology Co., Ltd			