

深圳市天联凌科技有限公司

Shenzhen Tianlianling Technology Co., Ltd

Antenna Test Report

Project name: Zone
Model:

(2.4G):Zone.2G4.C081.70B.2

(5.8G):Zone.5G8.C081.55B.2

Person in charge: Zhang

Changhua

Version: V1

Date: February 18th, 2022

Tel: 0755-85263741

Portraiture: 0755-85263741

Company website:

<http://www.tll-skylink.com>

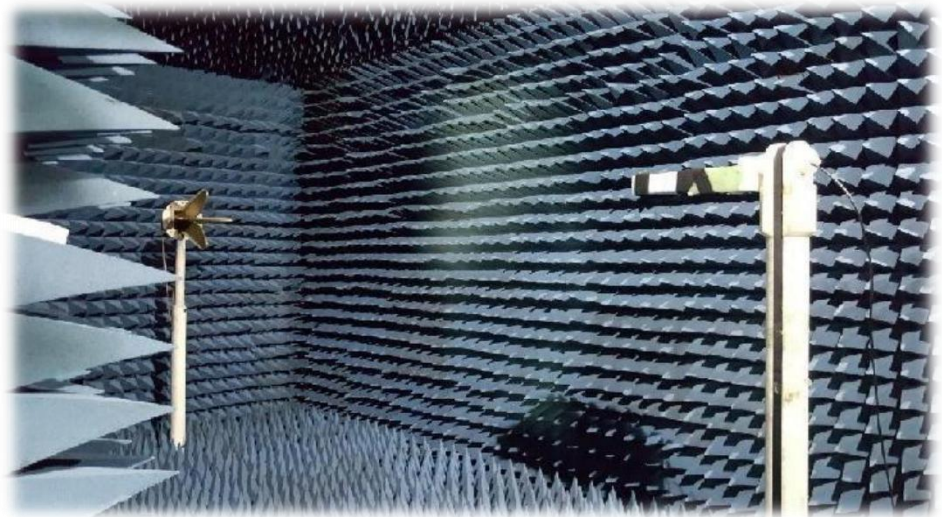
Company address: 5D, Building L, No. 26, Second Lane, Liuxian First Road, District 71, Bao'an District, Shenzhen City

R&D environment

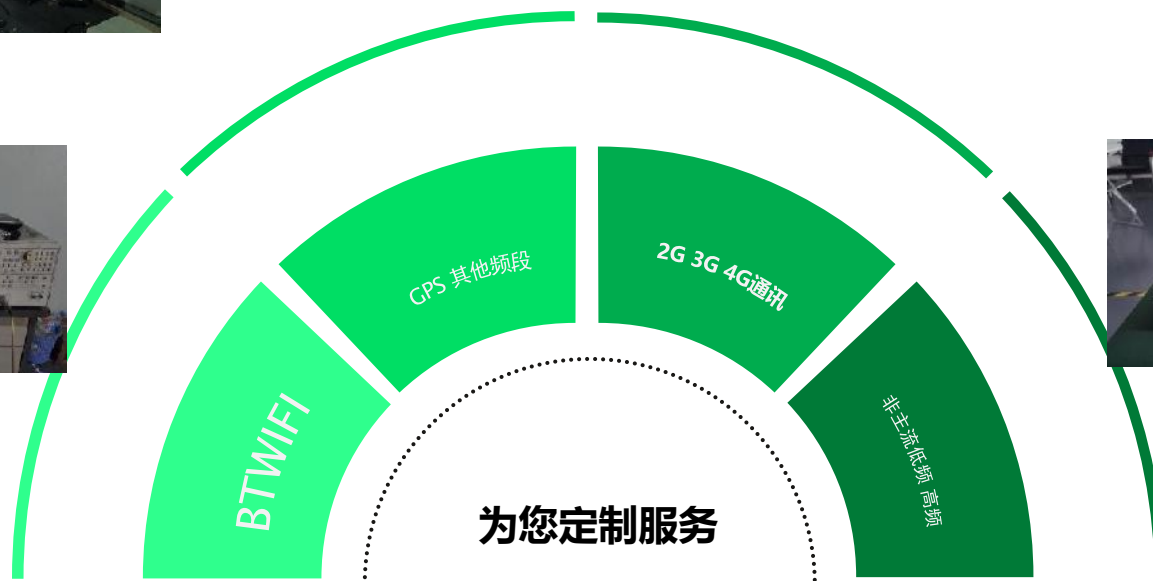
Microwave

And auxiliary instruments and equipment

1. 2G/3G communication microwave anechoic chamber 2.4G microwave anechoic chamber communication products
2. CMW500
3. Agilent Network Analyzer
4. HP Network Analyzer
5. GPS101, etc



研发设备 R&D equipment



信息说明 : Information Description

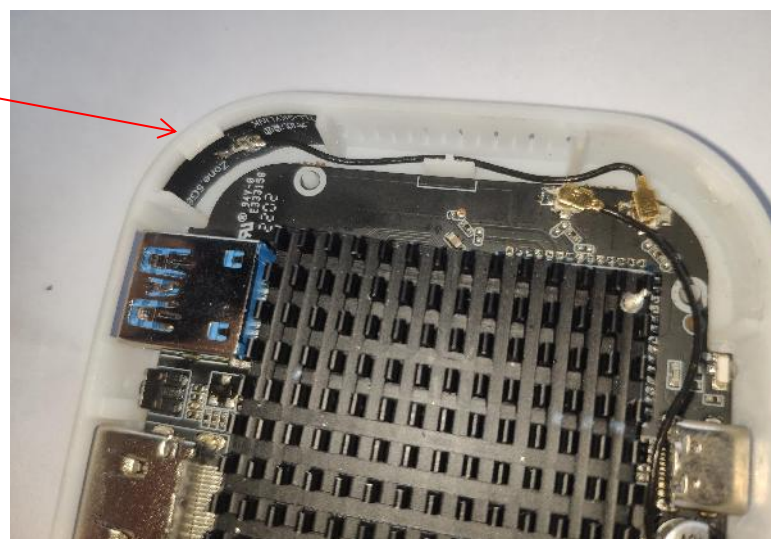
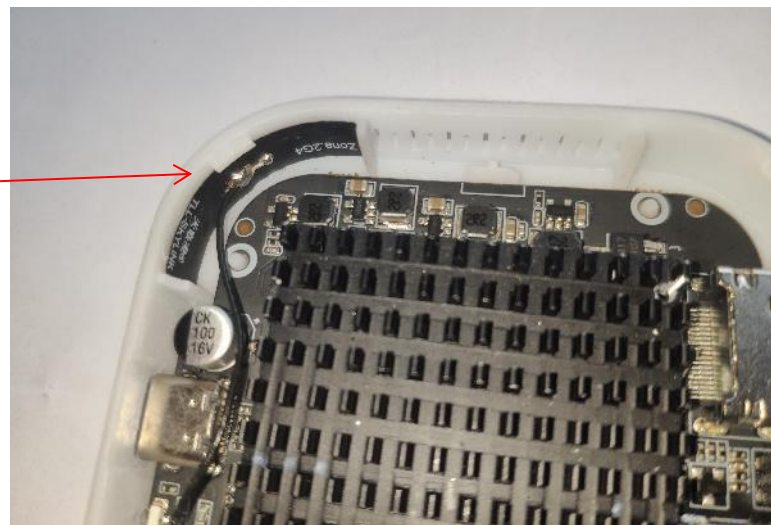
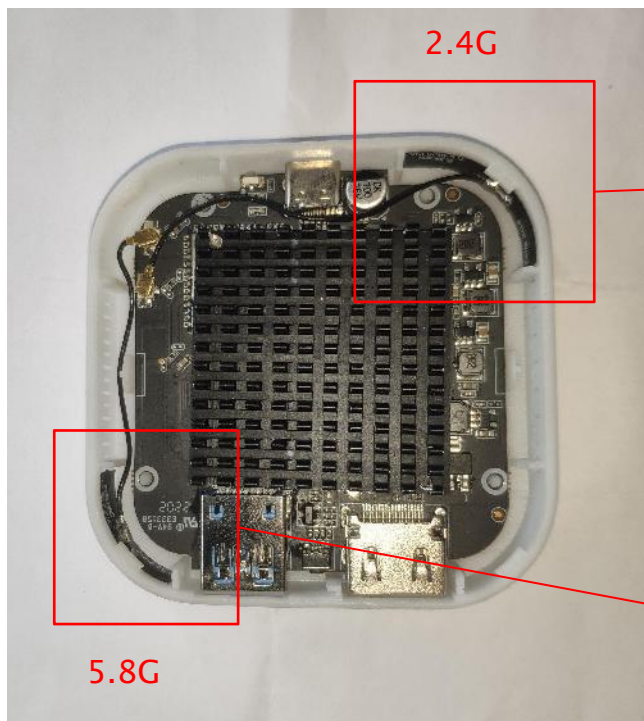
Customer Name	Name	Antenna type
	Zone	FPC
Frequency		
WIFI	2400MHz~2500MHz 5150MHz~5850MHz	

客户设备图示 Customer product image



天线定位图

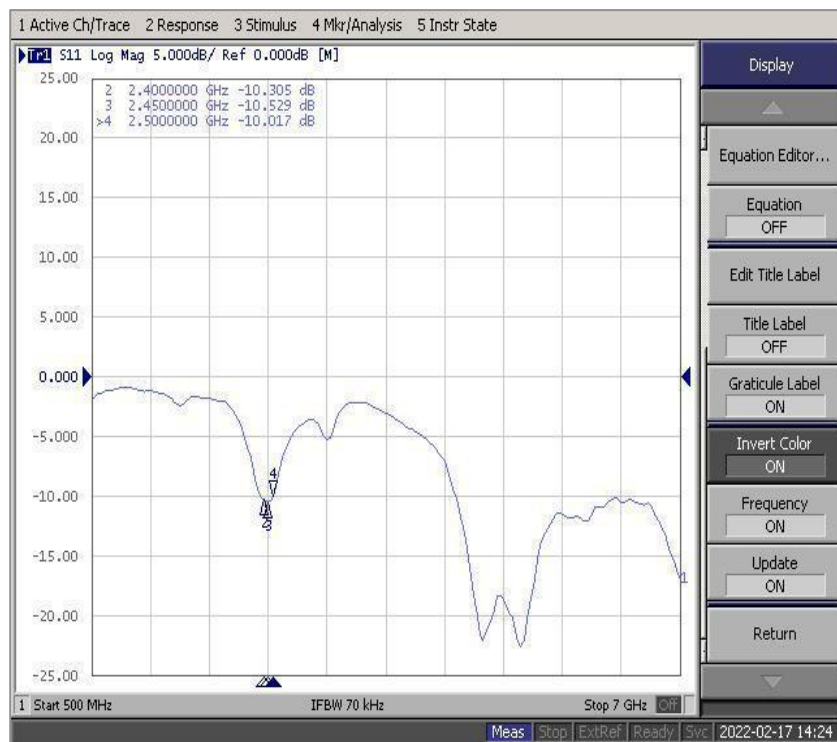
Antenna Location Map



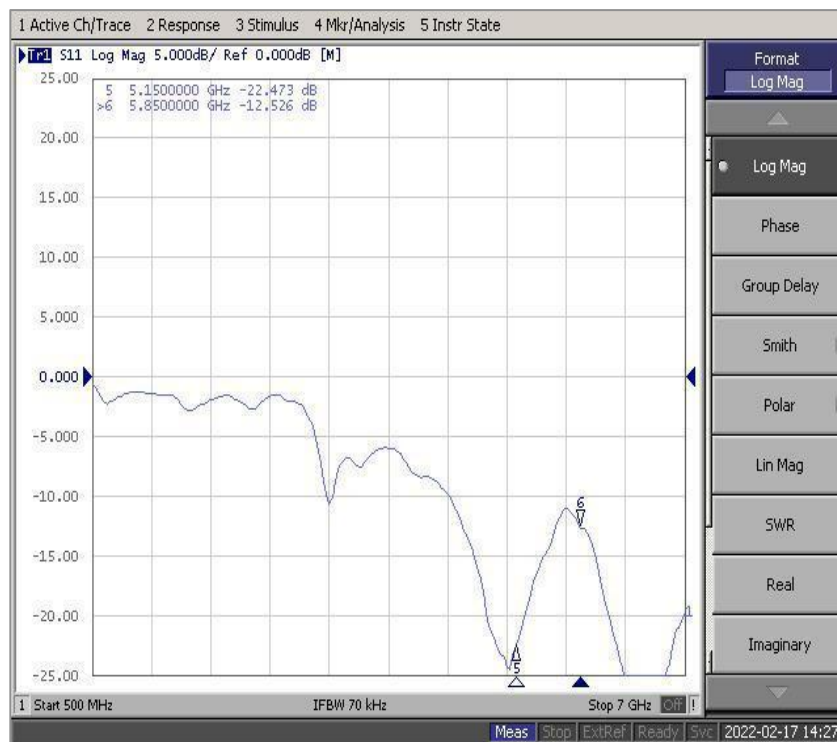
对齐骨位粘贴

回波损耗 Return loss

WIFI 2.4G



WIFI 5.8G



效率/增益(WIFI)

Antenna efficiency/gain

Fre (MHz)	Eff (%) (dB)	Gain (dB)
2400	37.46	0.77
2410	39.31	1.05
2420	39.83	1.03
2430	36.76	0.47
2440	35.76	0
2450	33.54	-0.67
2460	35.25	-0.81
2470	34.07	-1.17
2480	33.97	-1.18
2490	35.78	-0.89
2500	38.23	-0.49

Fre (MHz)	Eff (%) (dB)	Gain (dB)
5150	60.64	3.38
5200	61.8	2.98
5250	60.97	3.12
5300	62.83	2.86
5350	63.24	2.87
5400	64.18	2.71
5450	63.55	2.2
5500	60.94	1.58
5550	60.05	1.59
5600	60.2	1.49
5650	61.98	1.69
5700	60.73	2.04
5750	61.66	2.47
5800	57.89	2.54
5850	60.48	2.78



THANK
YOU