

Antenna test report

Customer Name: Sonic electron

Antenna Type:

Antenna Manufacturer:

Examine: 2024. 08. 26

Give permission to 2024. 08. 26

Manufacturer: dongguanshiyinpaidianziyouxiangongsi

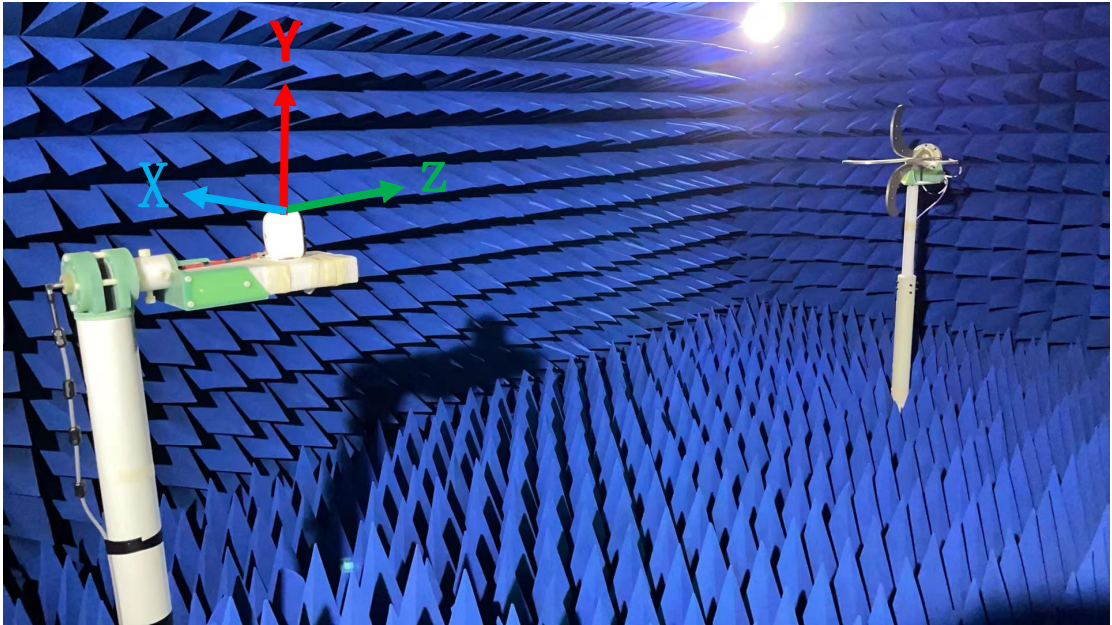
Address:

guangdongshengdongguanshifenggangzhennanlinglu23hao2dong201shi

1 Basic Description

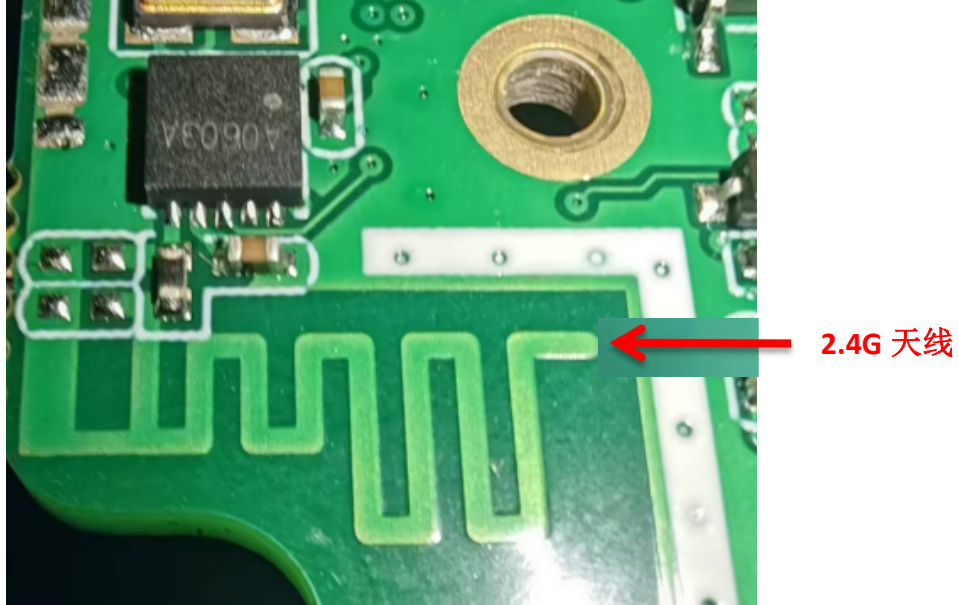
1.1 Test Environment Description

项目	配置	备注
实验室名称	ZLYD 实验室	
暗室系统	ETS 6*3*3	
测试仪表	E5071C、CMW500	
相对坐标	见附件图片	
无源测试点	见附件图片	



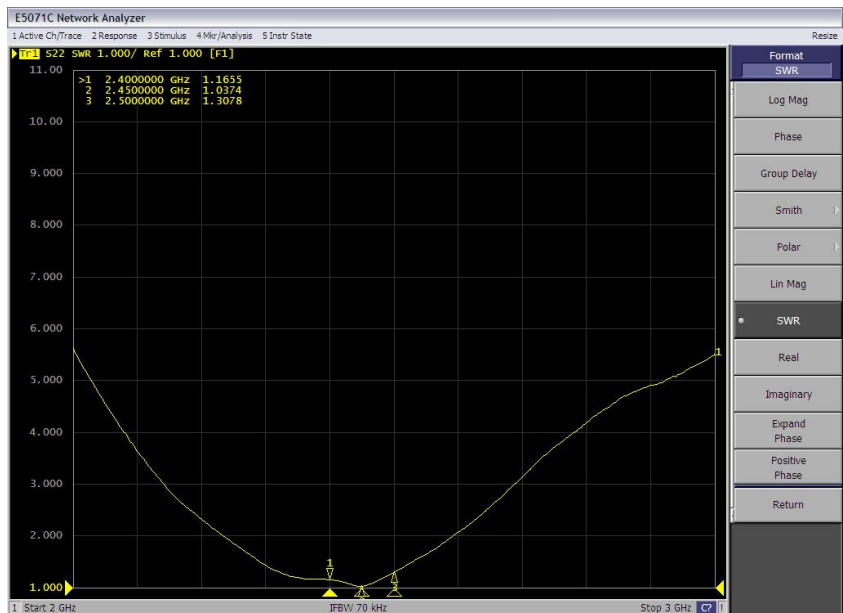
相对坐标说明图

1.2 Basic Description of the device to be tested



The relative position of each antenna is described

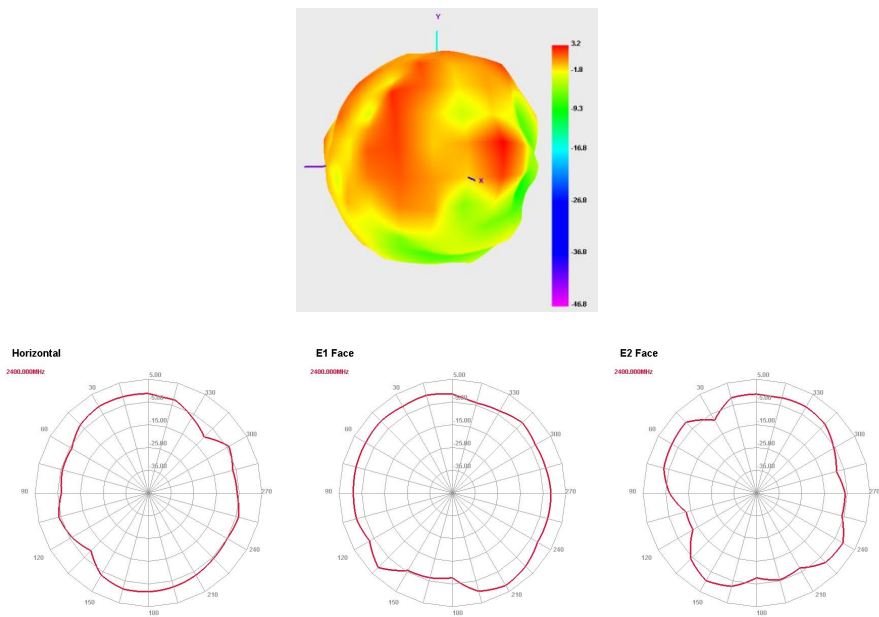
2 Antenna Passive Mesh Testing (VSWR)



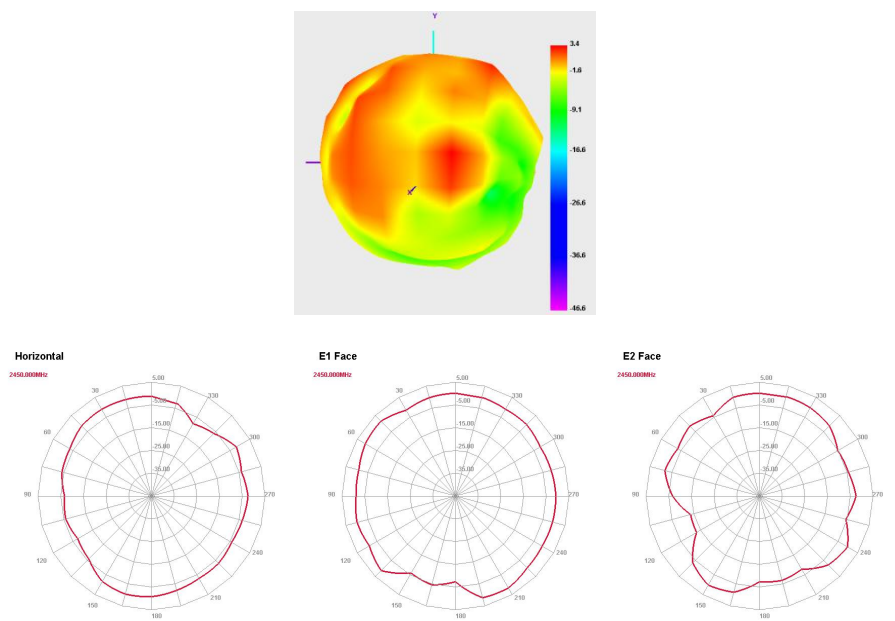
3 Darkroom test

3.1 2D/3D field pattern

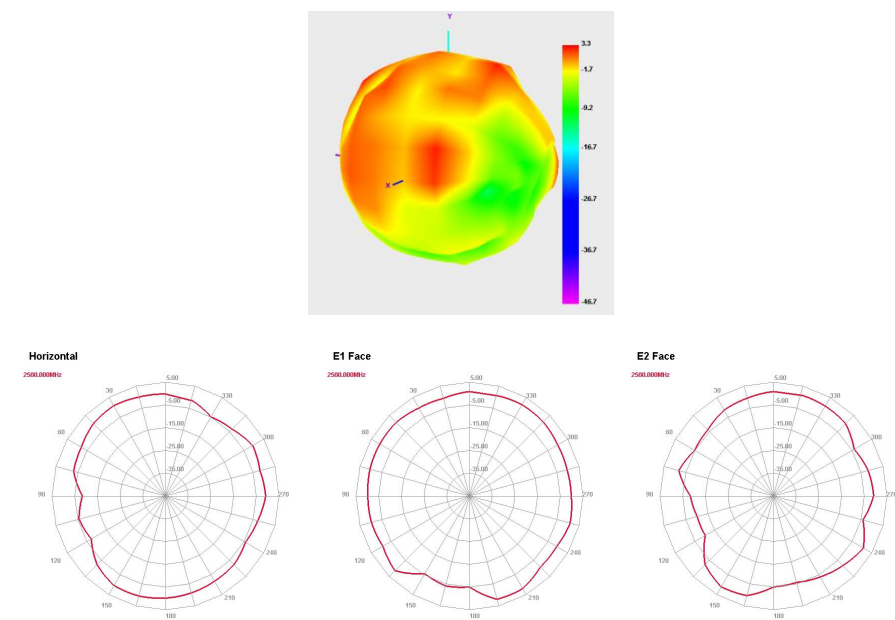
2400MHz



2450MHz



2500MHz



4 Antenna gain and efficiency

2.4G 天线		
频率（MHZ）	增益（dBi）	效率（%）
2400	3.36	64.32
2450	3.63	65.28
2500	3.56	63.06

5 Active TRP&TIS test

模式	信道	速率	TRP（dBm）	TIS（dBm）
802.11b	1	11M	19.12	-80.36
	6	11M	19.35	-81.79
	11	11M	20.21	-80.12
802.11g	1	54M	18.52	-71.53
	6	54M	18.28	-73.36
	11	54M	19.20	-72.61
802.11n	1	MCS7	17.14	-68.18
	6	MCS7	18.27	-68.23
	11	MCS7	18.92	-67.85