

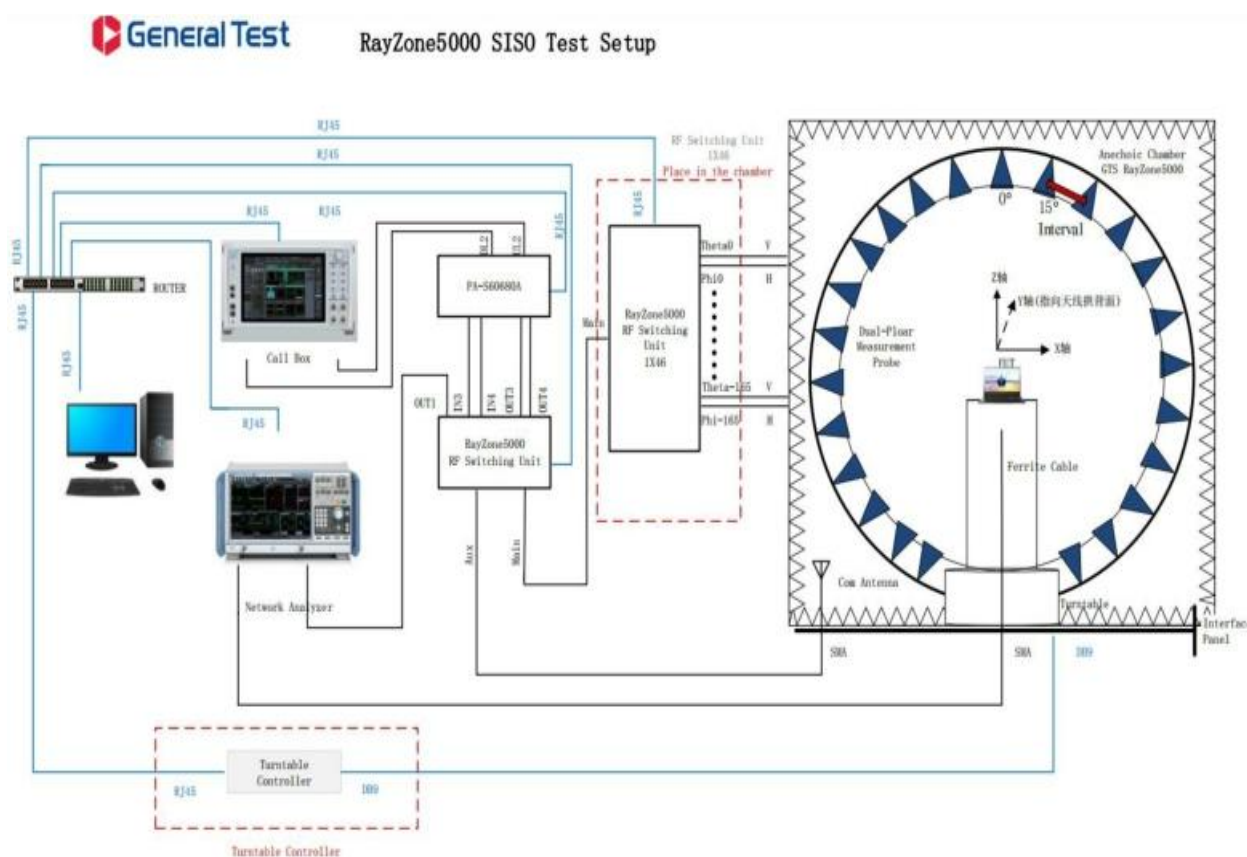
ANT Report

Model : Guangli Hechuang Technology Co., Ltd.

Address: No. 213 Shajing Road Shatou Village Shajing Street Baoan District, Shenzhen, China

Model : Z01

1. Test philosophy



Shenzhen Sunway Communication Co., Ltd.

Floor 1-3, Building A, SDG Info-Port, No. 2 Kefeng Road High-Tech Park, Nanshan District, Shenzhen, China

2. test equipment

name	Model	No.	manufacturer	calibration	expire
OTA Tests	RayZone-5000	RFI-LAB-RF-D00	GTS	2021.3.22	2023.3.21
network analyzer	E5071C	RFI-LAB-RF-C02	KEYSIGHT	2022.5.13	2023.5.12
network analyzer	E5071C	RFI-LAB-RF-D01	KEYSIGHT	2022.5.13	2023.5.12

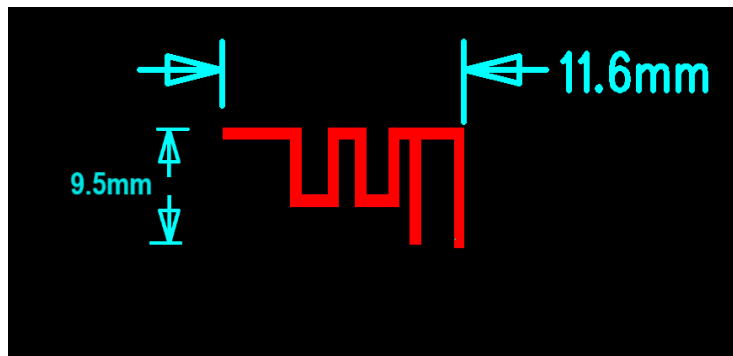
3. testing environment

temperature	23.6°C
humidity	58%RH
atmospheric pressure	100.14kPa

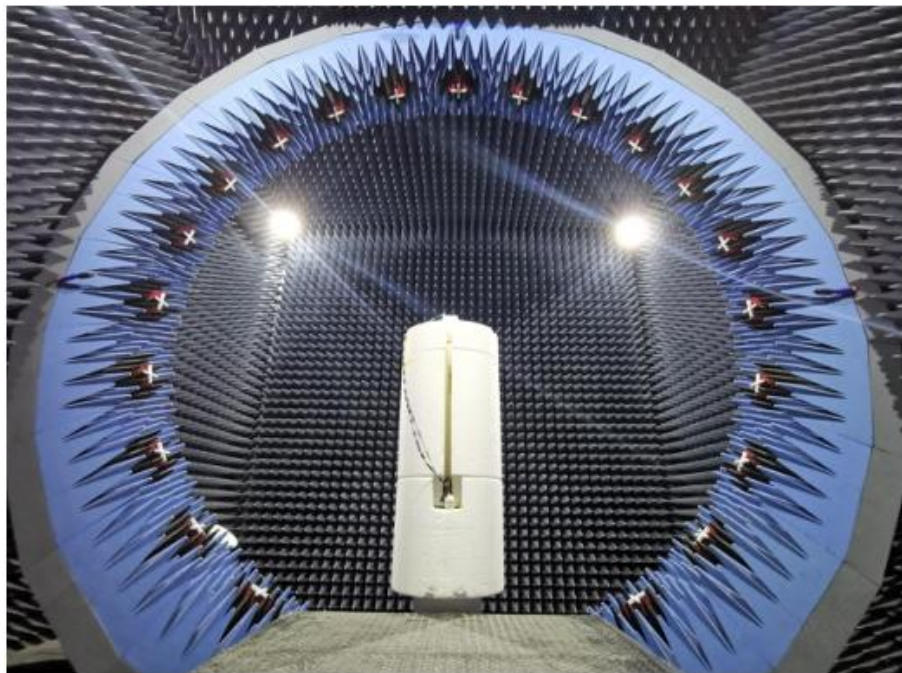
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4. Size



5. Test

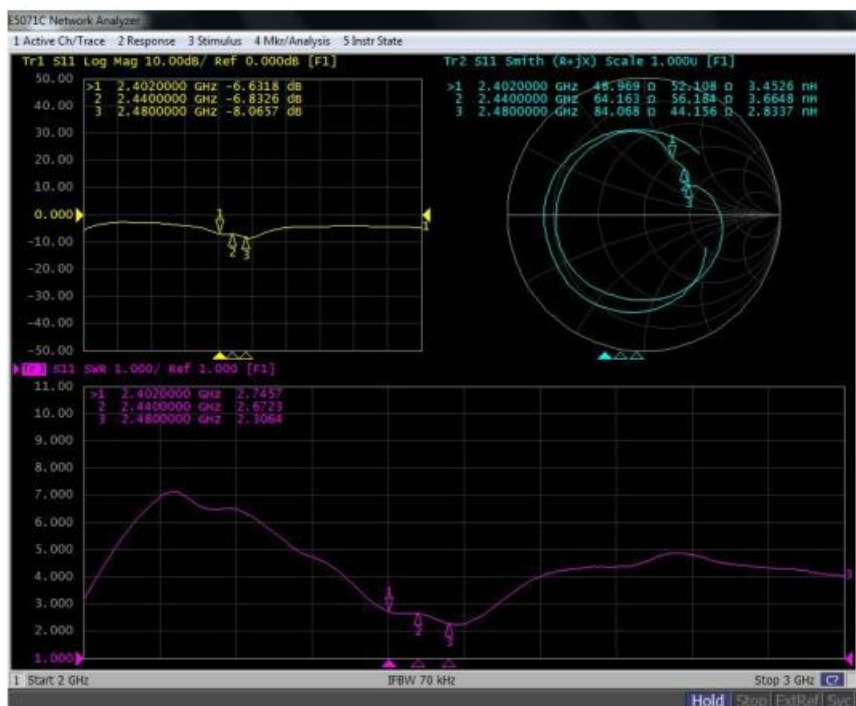


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6. Test Data

6.1 Network analyzer test



6.2 VSWR

Frequency/MHz	2402	2440	2480
VSWR	2.7457	2.6723	2.3064

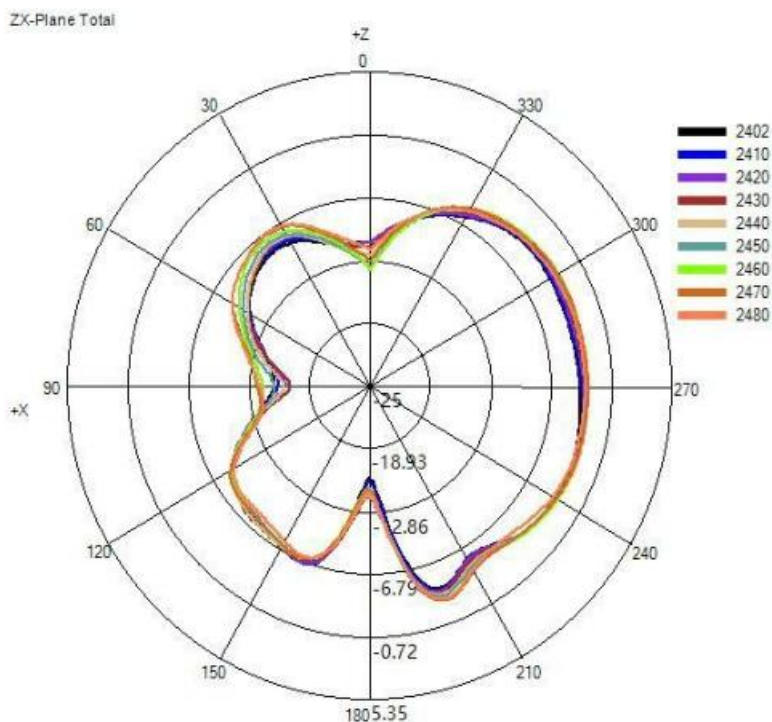
6.3 Gain

Frequency/MHz	2402	2410	2420	2430	2440	2450	2460	2470	2480
Gain/dBi	-1.95	-1.93	-1.67	-1.48	-1.27	-1.06	-0.89	-0.65	-0.92
efficiency/%	17.88	18.34	19.20	19.89	20.58	20.86	21.78	22.18	21.03

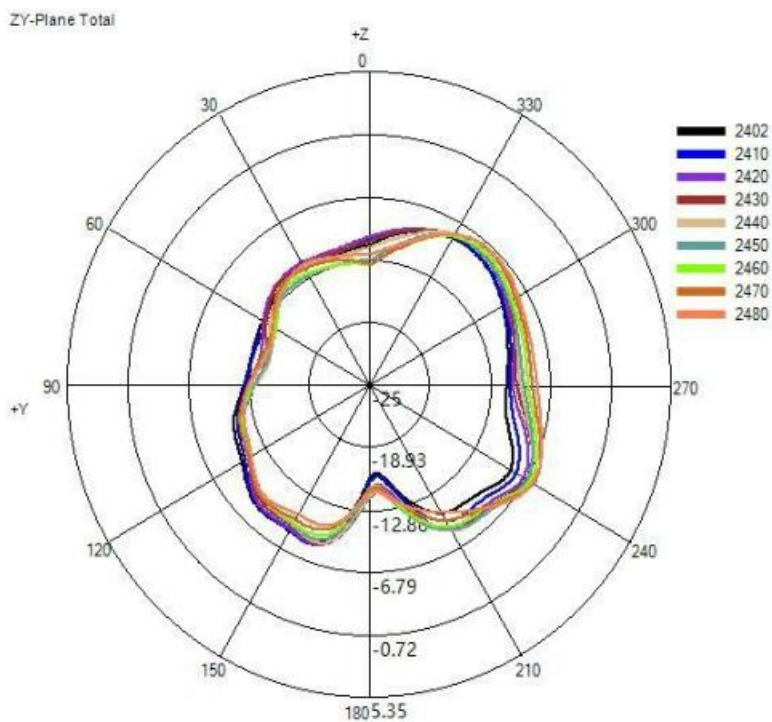
6.4 directional diagram Data

Frequency/MHz	2402	2410	2420	2430	2440	2450	2460	2470	2480
H Theta=90/dB	20.55	20.57	20.15	19.12	18.93	20.11	20.49	19.26	16.51

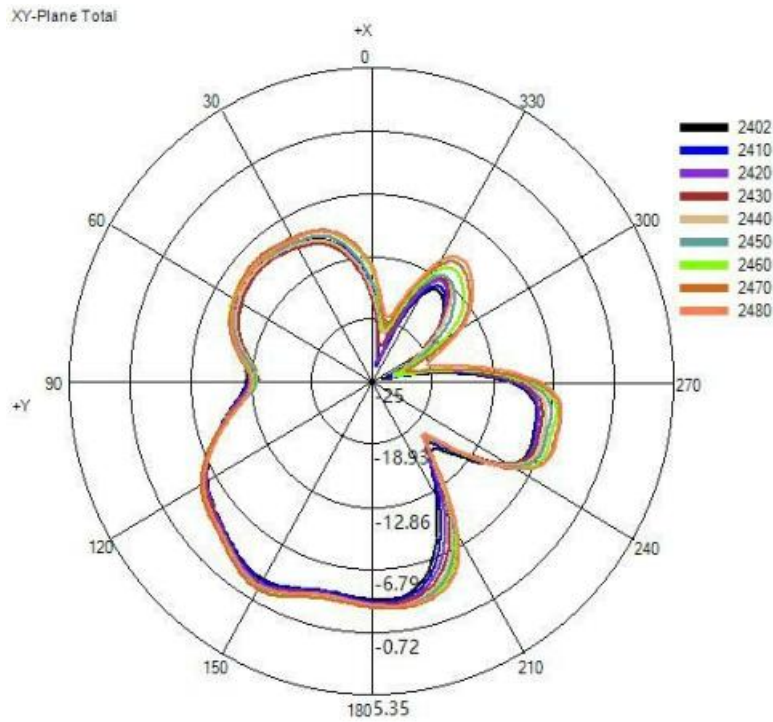
6.5 directional diagram



(2) Y-Z 面(单位: dBi):



(3) X-Y 面(单位: dBi):



(4) 2470MHz 的 3D 方向图(单位: dBi):

