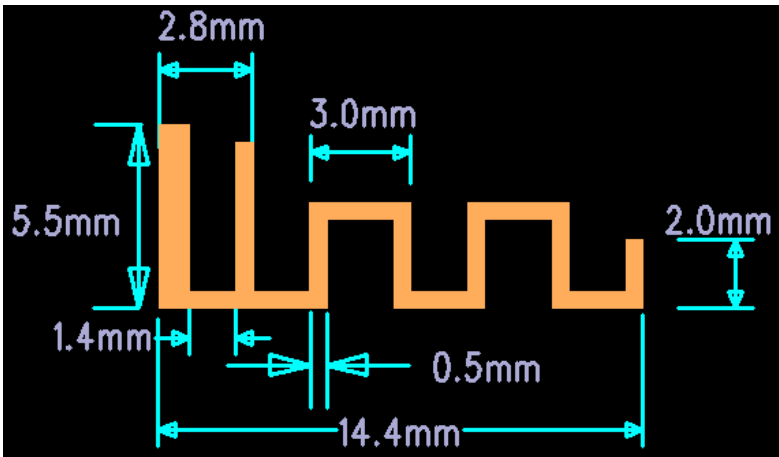


一. Antenna report:

1 antenna tpye: PCB antenna

antenna size: please see following picture.



2. Test Method and standard:

Name	Parameter	Method	Standard no.
Antenna performance	Radiation efficiency	IEEE Standard Test Procedures for Antennas	ANSI/IEEE Std 149- 2021

3. Equipment list and calibration date:

Equipment	Manufacturer	Model No	Serial NO	Last Cal	Due Date
Network Antenna	Agilent	E4407B	MY45117180	2024-1-2	2025-1-1

4. Test by:

test date: 2024-03-15

test engineer: MR Zhang

test company: Shenzhen Zhongke Lanxun Technology Co., LTD

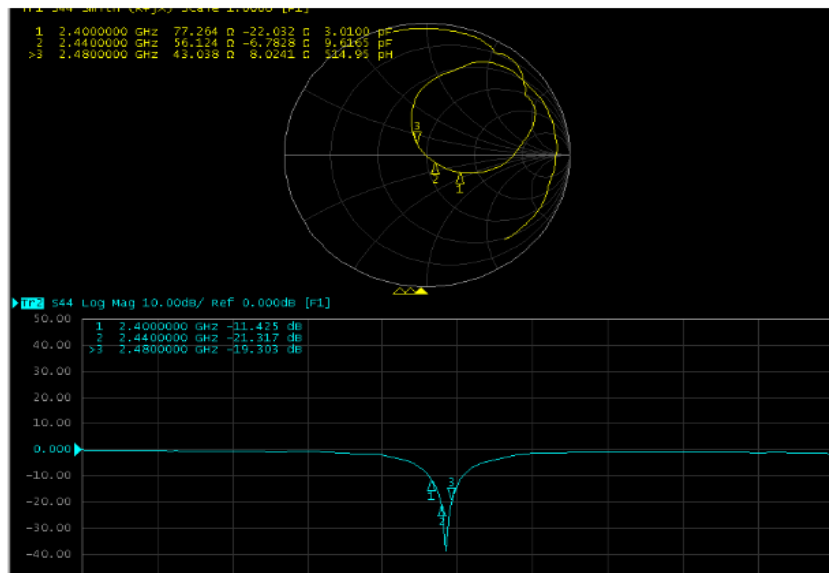
Address: 13F, Unit 1, Building A, Wisdom Plaza, No. 4068 Qiaoxiang Road, Gaofa Community, Shahe Street, Nanshan District, Shenzhen

5. Antenna gain test diagram (2D 3D) and data

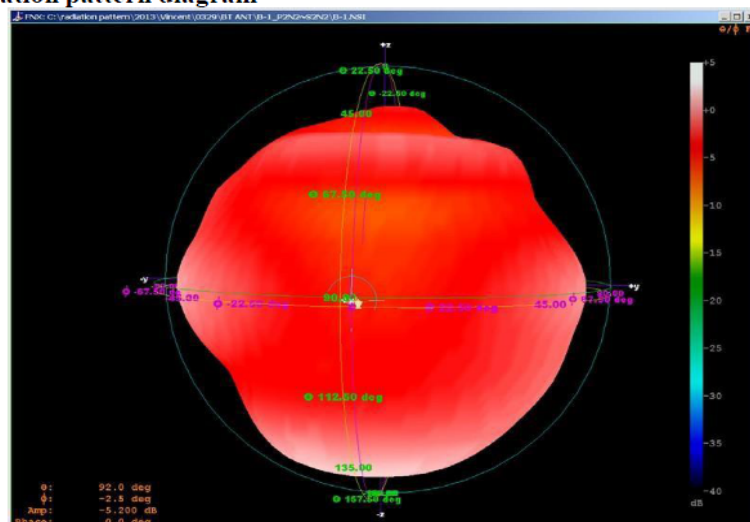
Gain Table

Unit in dBi @2.44GHz	XY-plane		XZ-plane		YZ-plane		Efficiency
	Peak	Avg.	Peak	Avg.	Peak	Avg.	
Module Board	1.2	-0.5	1.9	-3.6	1.1	-3.0	6 0.2 %

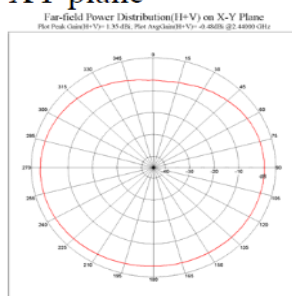
Return Loss



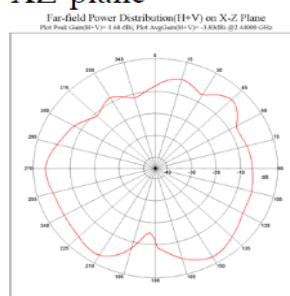
3D radiation pattern diagram



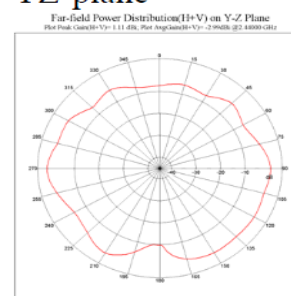
XY-plane



XZ-plane



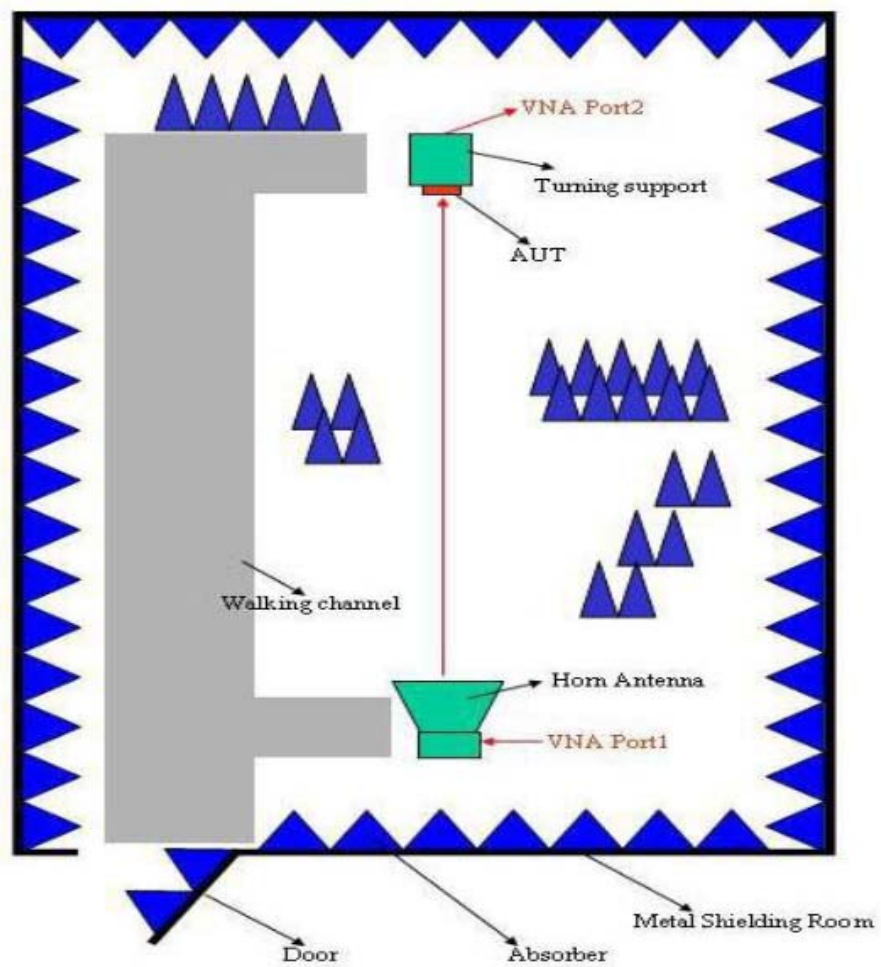
YZ-plane



6. test setup photo:



7. Test configuration diagram:



8. Test software and version

 sdk_560x_fcc_pb3_20220908

version: V1.1.2