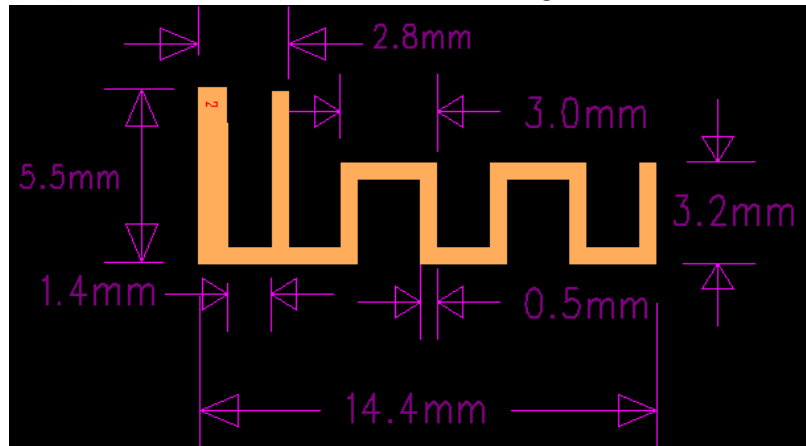


一. 天线报告 Antenna report:

1. 天线类型及天线尺寸 antenna type & antenna size:

天线类型antenna type: PCB antenna
天线尺寸antenna size: 见下图See below figure



2. 测试方法及测试标准Testing method and standard:

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

3. 仪器列表及校对日期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. 测试日期及测试人员名称&测试公司及地址Testing date and name of testing personnel&testing company and address::

测试日期Testing date: 2024-03-15

测试人员testing personnel: 张工

测试公司testing company: 深圳市中科蓝讯科技股份有限公司Shenzhen Zhongke Lanxun Technology Co., Ltd

测试地址testing address: 深圳市南山区沙河街道高发社区侨香路 4068 号智慧广场 A 栋 1 单元 13 层

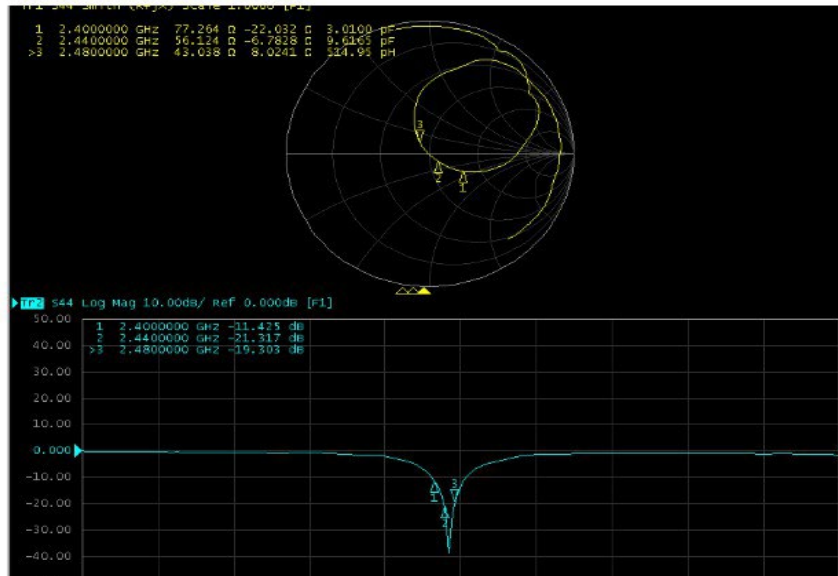
13th Floor, Unit 1, Building A, Smart Plaza, No. 4068 Qiaoxiang Road, Gaofa Community, Shahe Street, Nanshan District, Shenzhen

5. 天线增益测试图（2D 3D）及数据Antenna gain test chart (2D/3D) and data

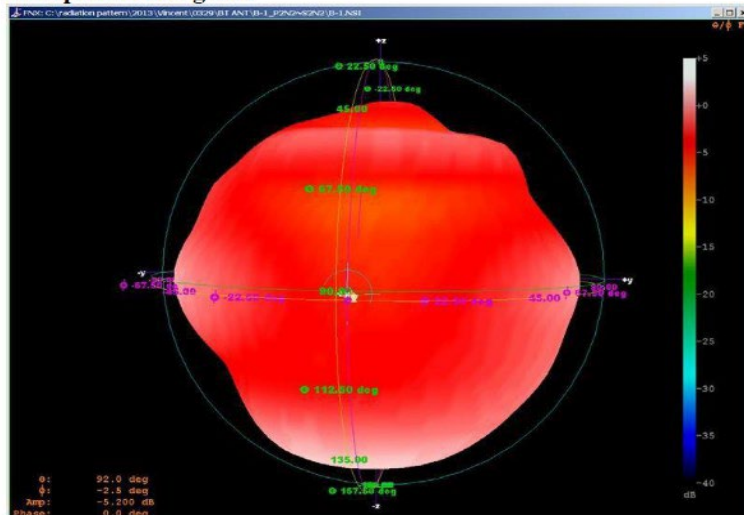
Gain Table

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 %

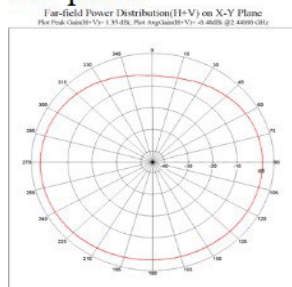
Return Loss



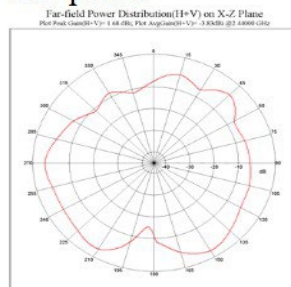
3D radiation pattern diagram



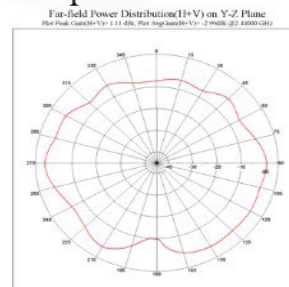
XY-plane



XZ-plane



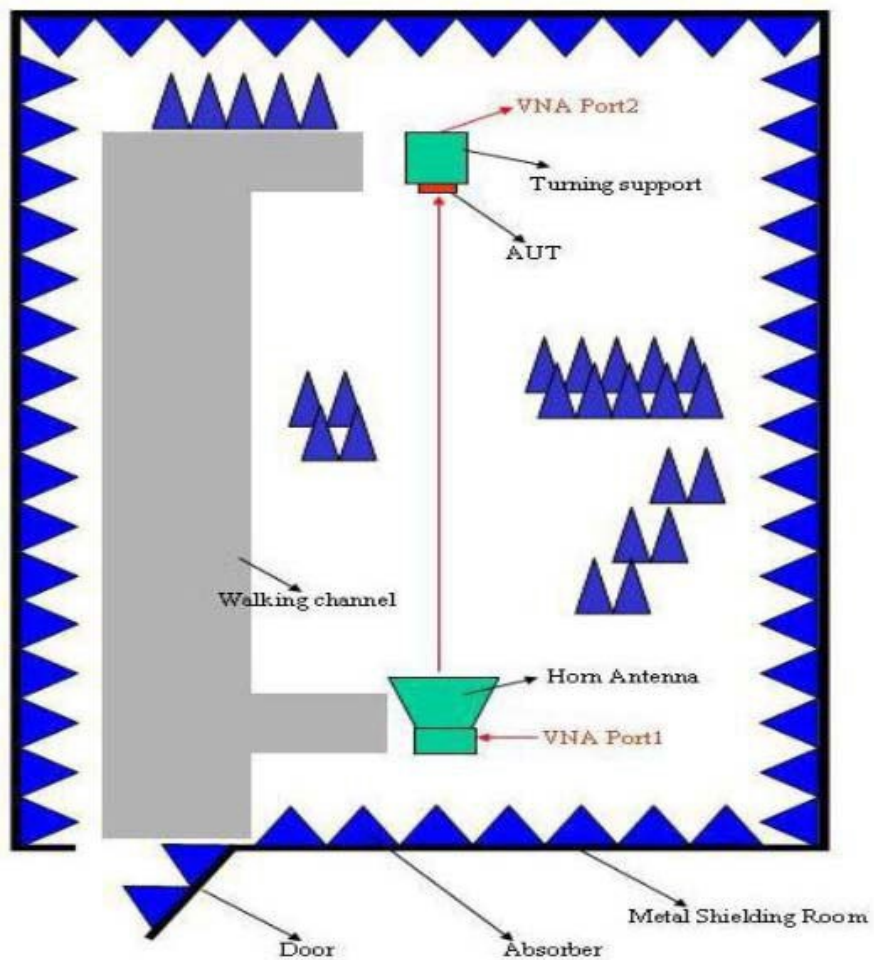
YZ-plane



6. 测试照 test set up photo



7. 测试配置图Test configuration diagram:



8. 测试软件及版本 Testing software and version

 **sdk_560x_fcc_pb3_20220908**

软件版本Software version: V1.1.2