1: Antenna model: PCB antenna

2: Antenna type: PCB sinking board antenna

3: Gain: 0.5dBi at 2.4 GHz

4: The antenna size is shown in Figure 1

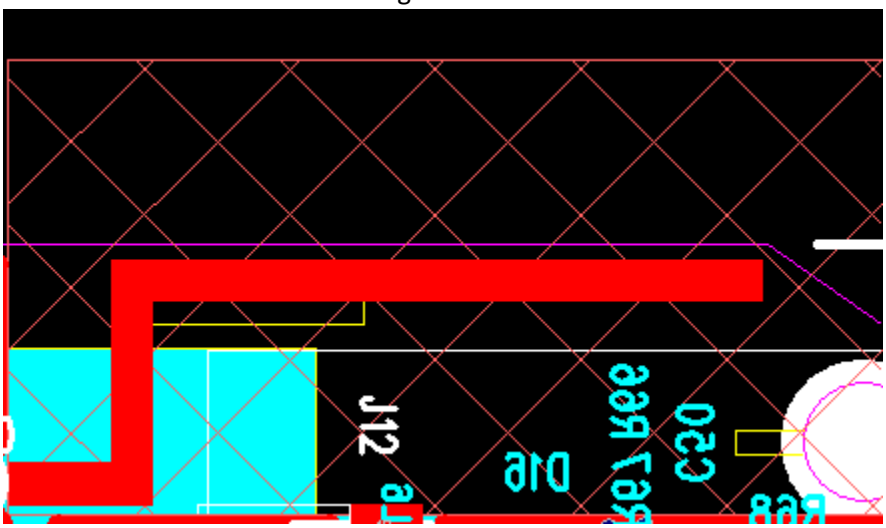


Figure 1

5.The antenna performance is shown in Figure 2, with a working frequency range covering the entire 2.4G ISM frequency band.

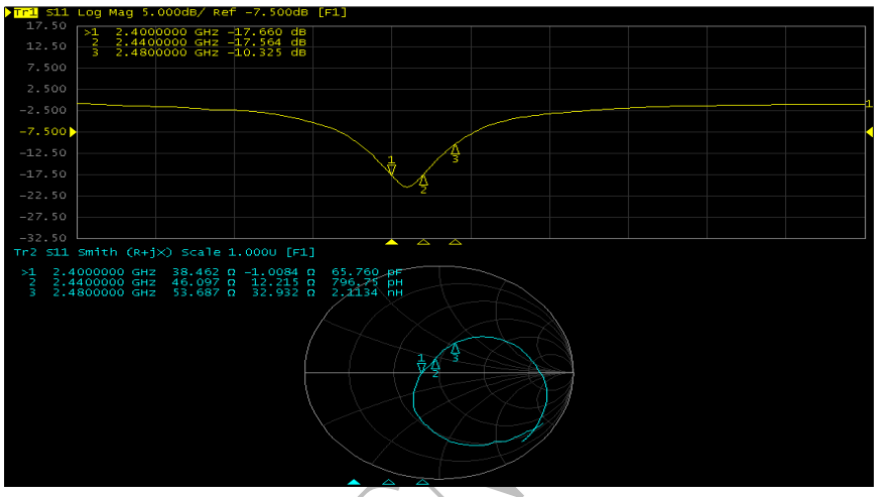


Figure 2

6：The 2D and 3D gains are as follows, reaching around 0.5dB:

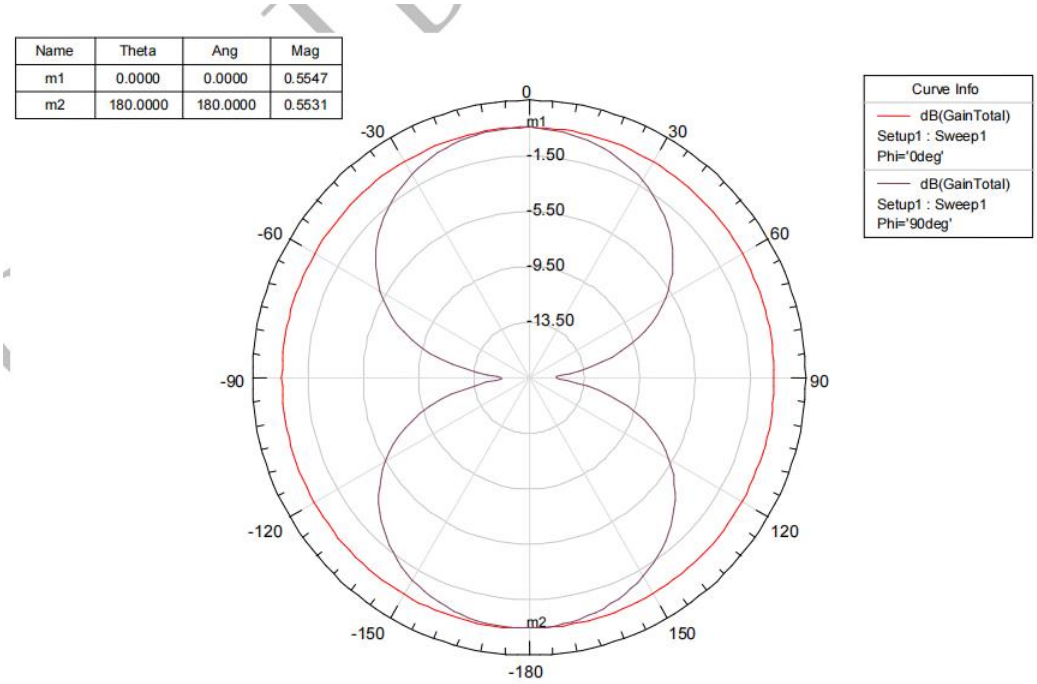


Figure 3

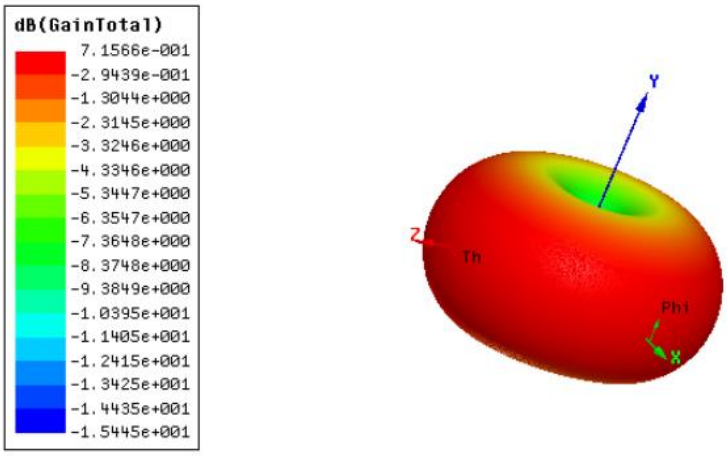
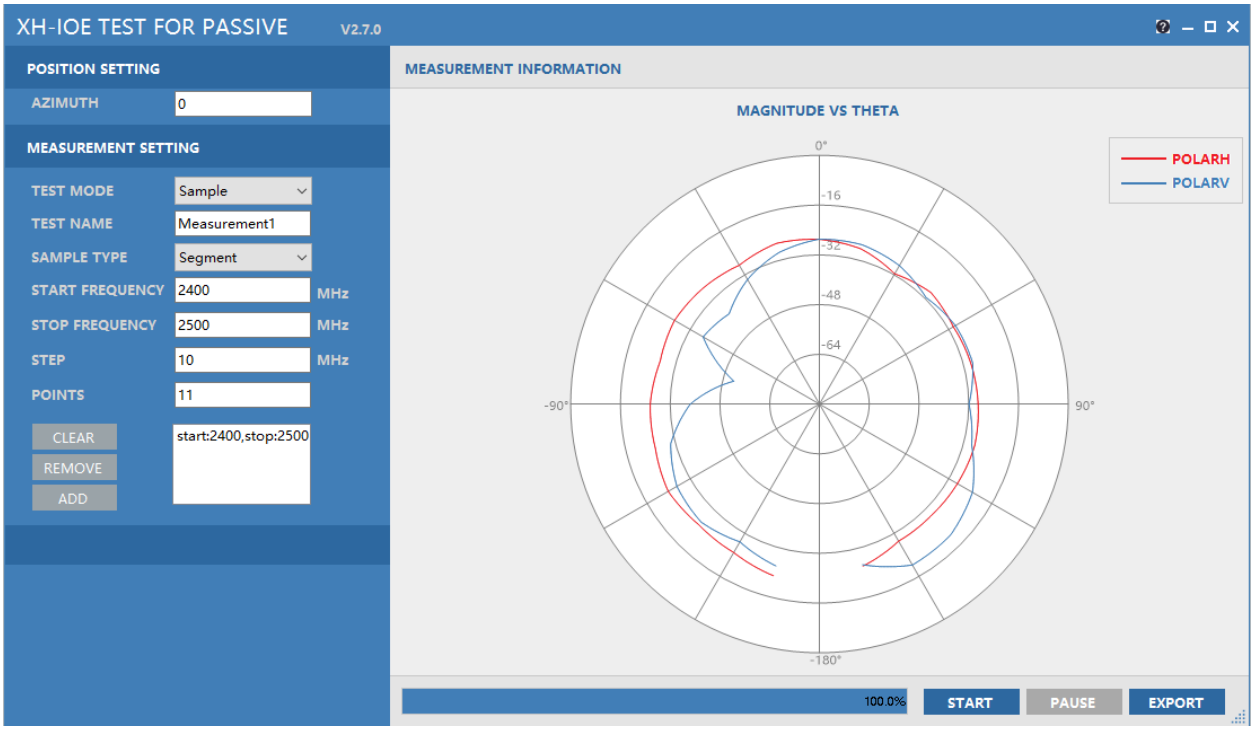


Figure 4: Antenna Gain

7：Test laboratory name and address

Laboratory	Shenzhen Yingjiachuang Electronic Technology Co., LTD
Address	No.11, Youma Gang Road, Guangming District, Shenzhen, Guangdong, China

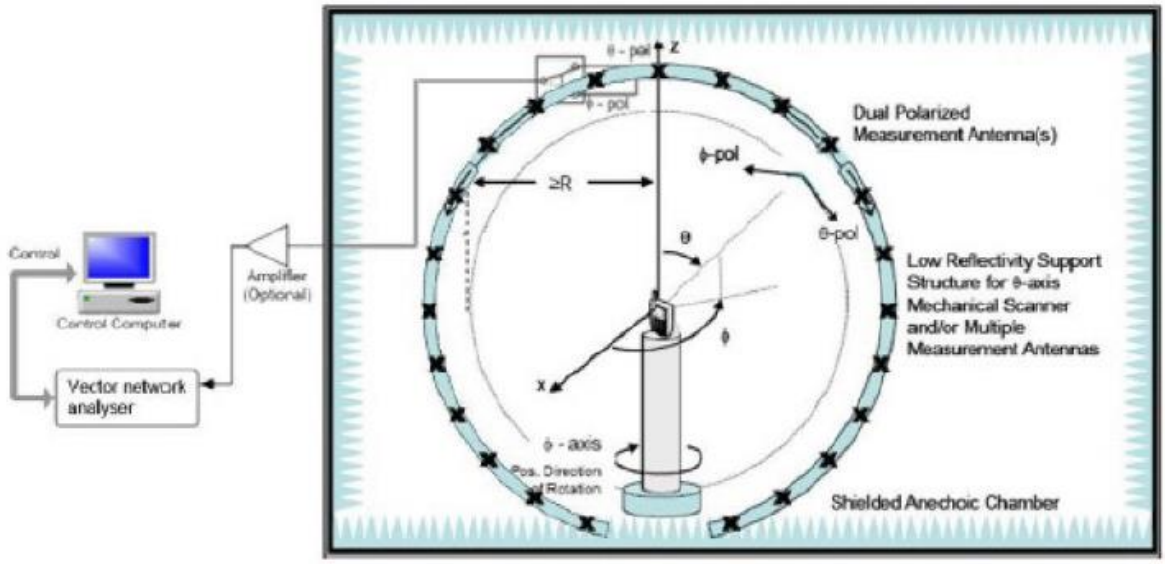
8：Test software



9：testing standard

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

10：test setup



11：Test instrument and calibration date

Equipment	Manufacturer	Model number	Last Cal.	Due Date
Network anahyzer	Agilent	E5071B	2024.5.18	2025.5.17

12：Testers and test dates

Tester	Zeng Feng
Date	20240720