Antenna test

1, hardware testing
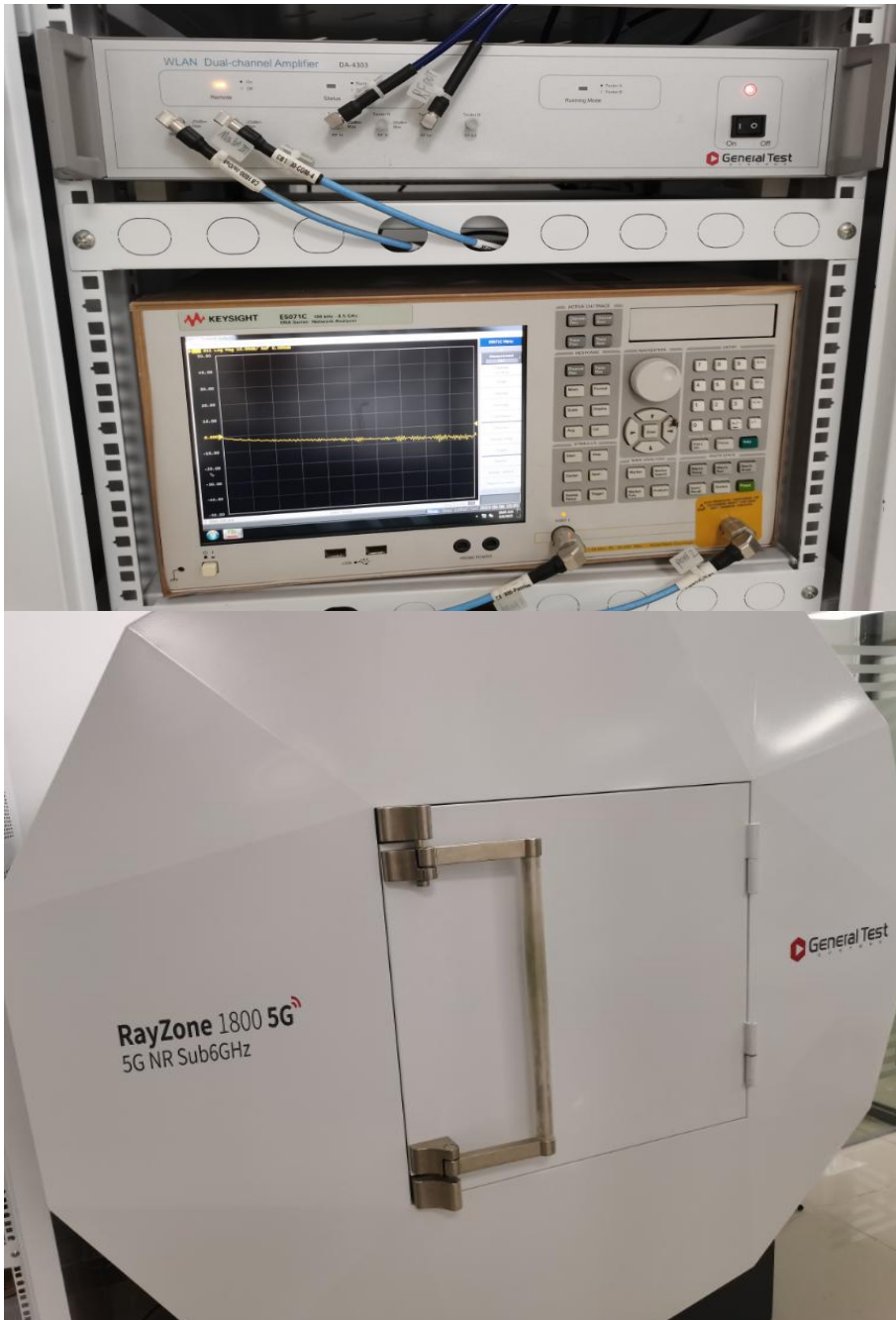2, software testing
3, data reading

1. Hardware testing
1.1 PCBA bare board test

Solder the RF cable to the bare board and connect it to the OTA device.

1.2. Device Environment
The equipment required for this test includes computer, spectrometer, amplifier and darkroom, as shown below:

2. Software testing

3、Data read

3.1、 Scan the antenna for 3D radiation

2400MHz：
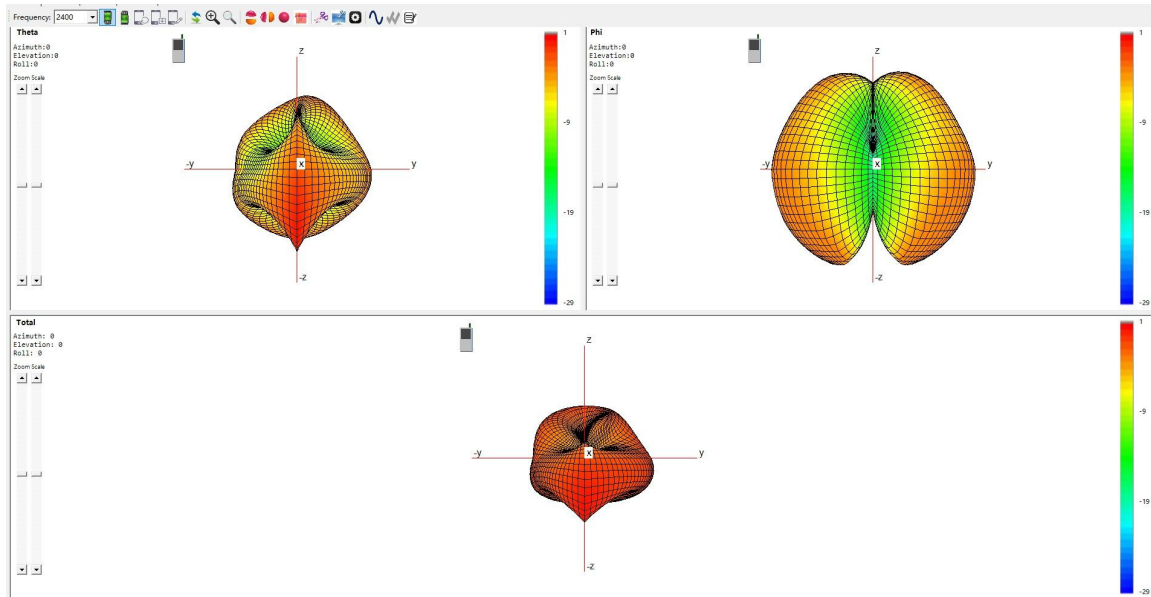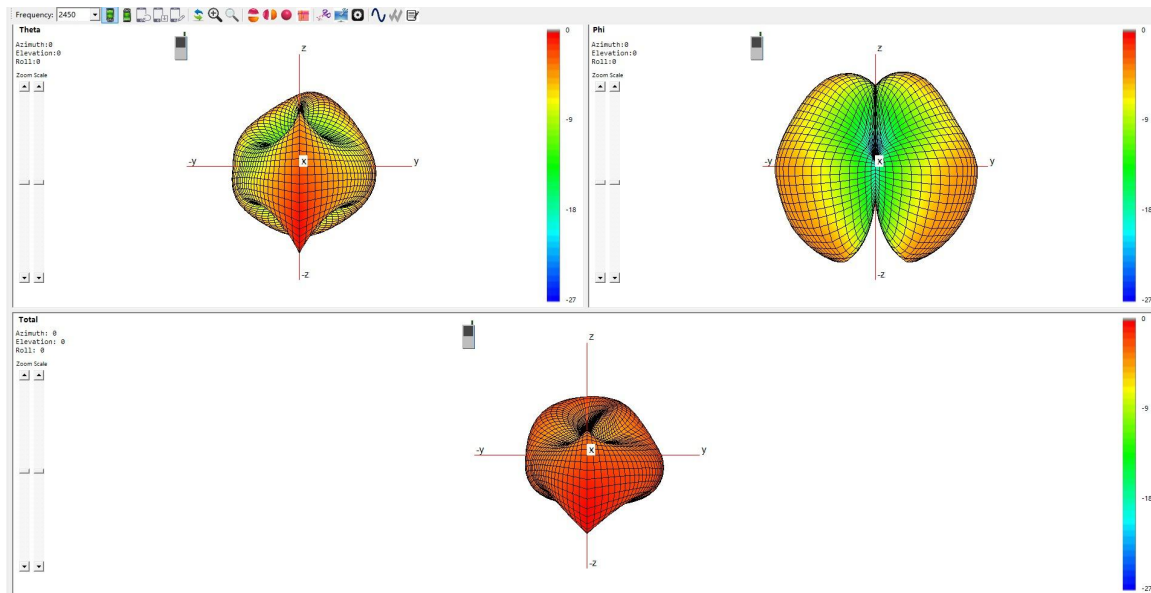

2450MHz：

2500MHz
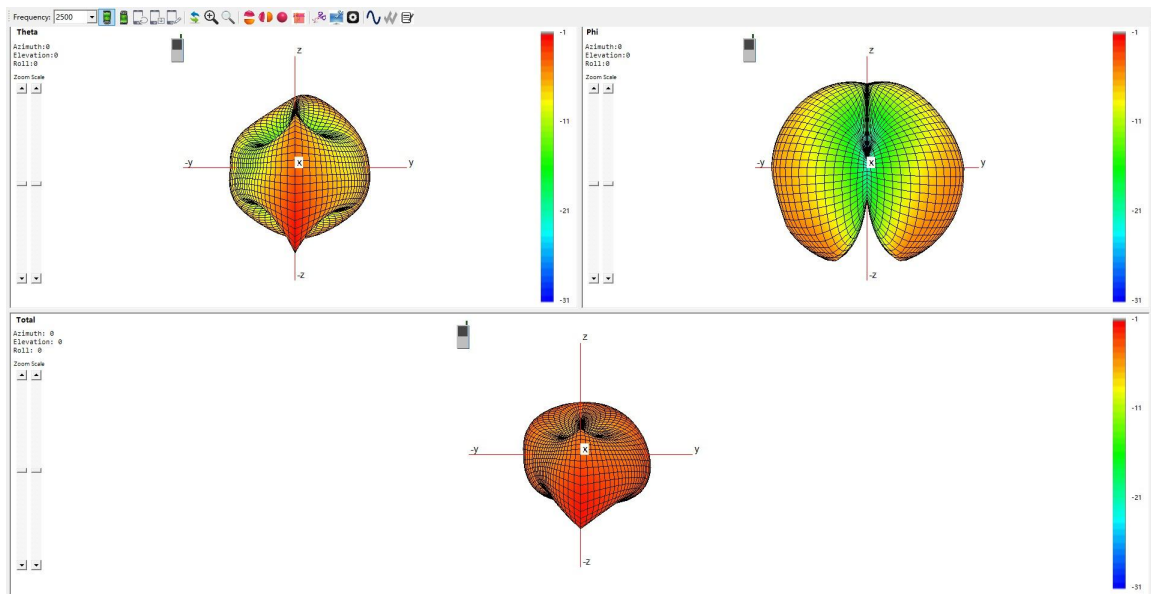
3.2、Scan the 2D radiation pattern of the antenna
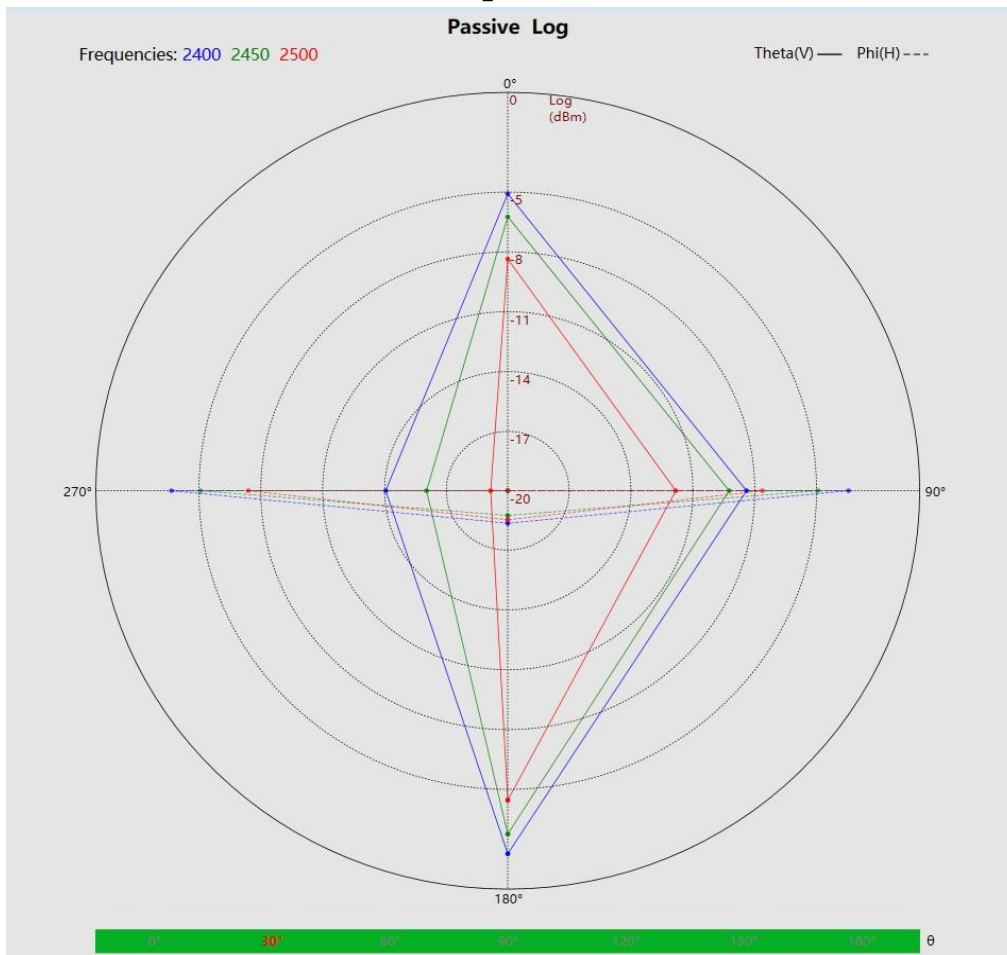
3.3、Data result

Summary

ITEM	ANT SPEC		
Model Name	2.4G ANT		
Antenna plate	PCB antenna		
Center Frequency	2400MHz	2450MHz	2500MHz
	0.07dBi	-0.03dBi	-1.51dBi
MAX. Gain	0dBi		
Polarization	Horizontal and Vertical		
Impedance	50Ohm		
Manufacture			

AntennaPhoto&Length(mm)