

Shenzhen Huashengjie Technology Co., Ltd.

Product specification

Address: No. 718, Building A, Huafeng Internet Creative Park, Xixiang Street, Bao'an District, Shenzhen City, Guangdong Province

antenna test

1, Hardware testing

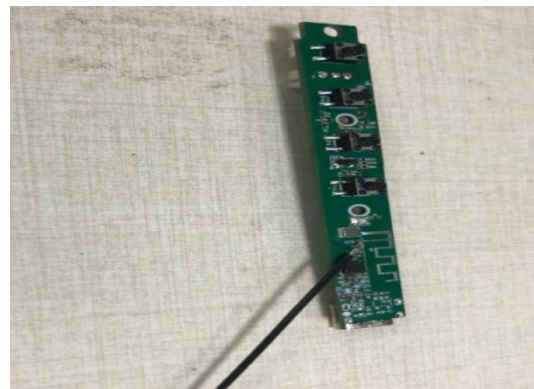
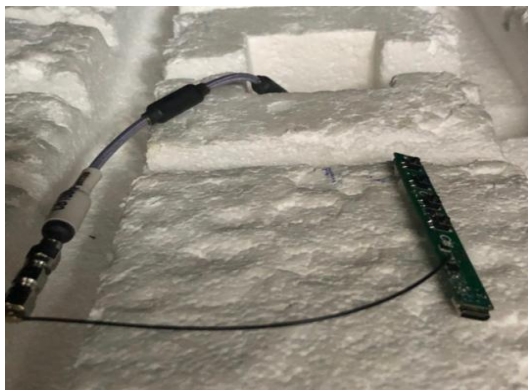
2, software testing

3, Data reading

1, Hardware test

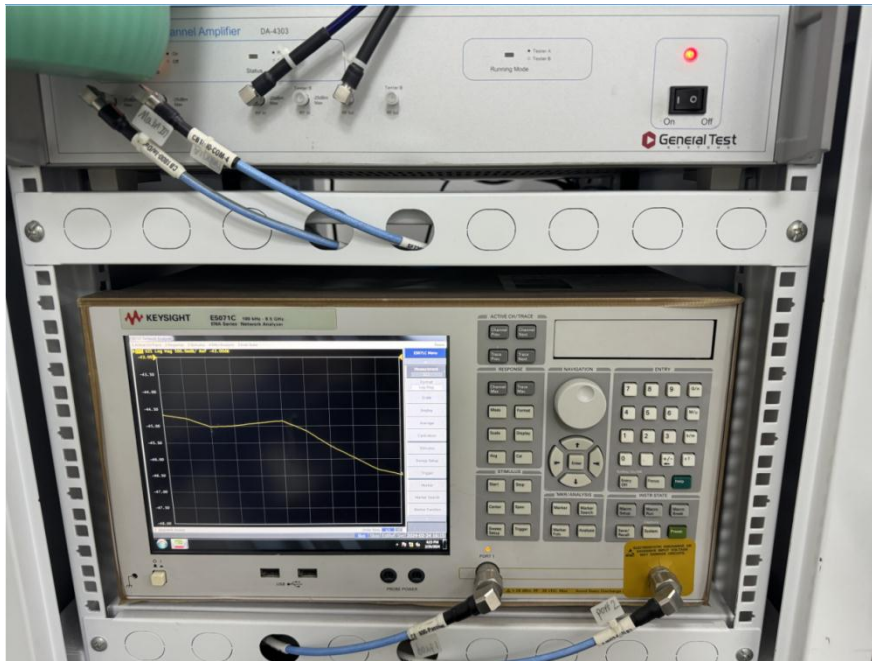
1.1, PCBA bare board test

Solder the radiation cable with the bare board, and then connect it with the OTA device. The connection diagram of the radio frequency cable with the bare board is as follows

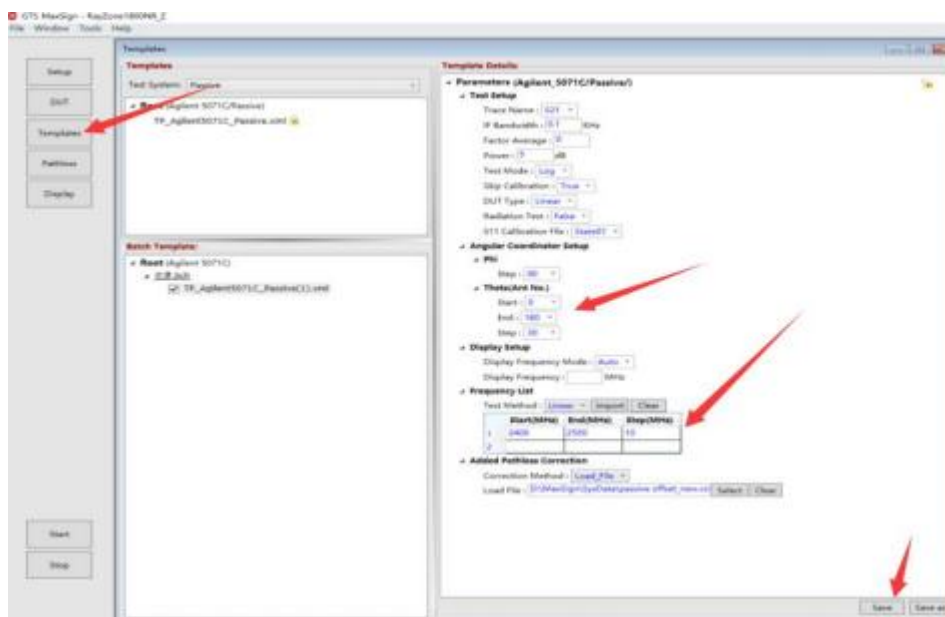
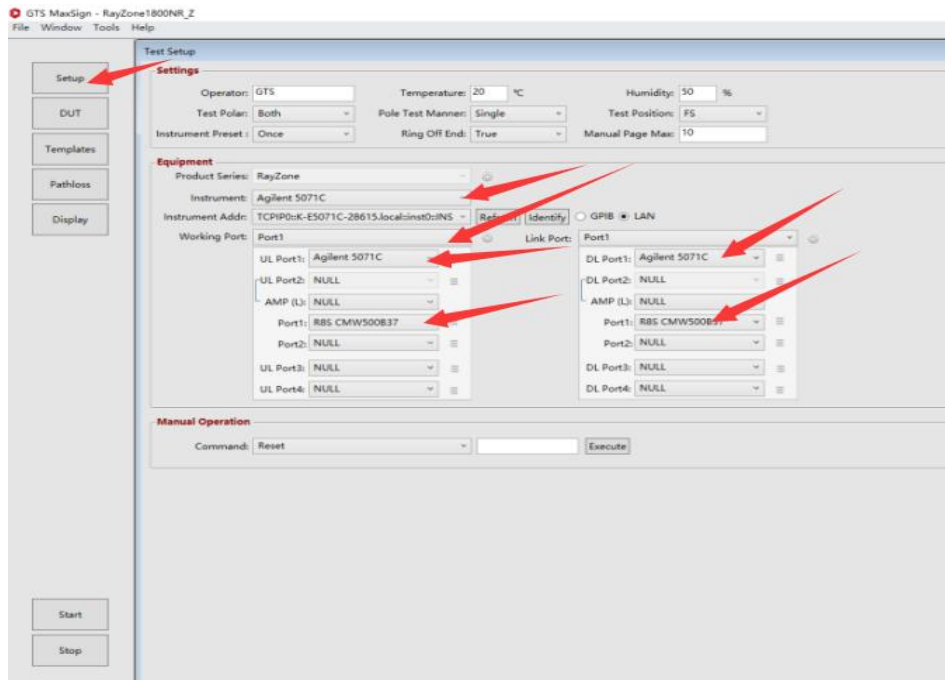


1.2, Equipment environment

The equipment required for this test includes a computer, a spectrometer, an amplifier, and a darkroom, as shown in the following figure:



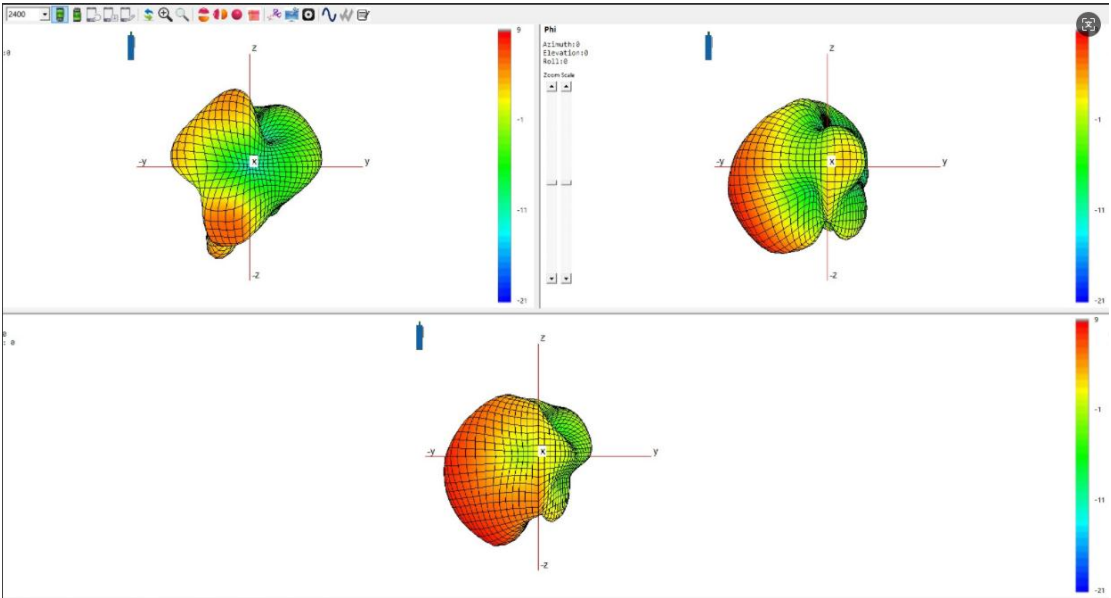
2, software testing



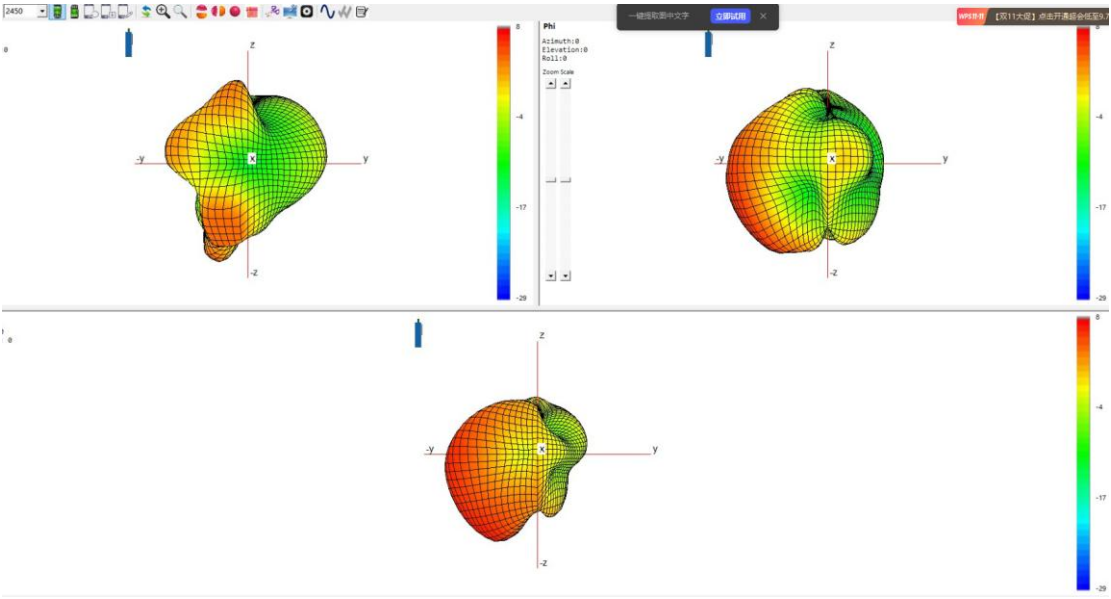
3, Data reading

3.1 3D radiation pattern of the scanning antenna

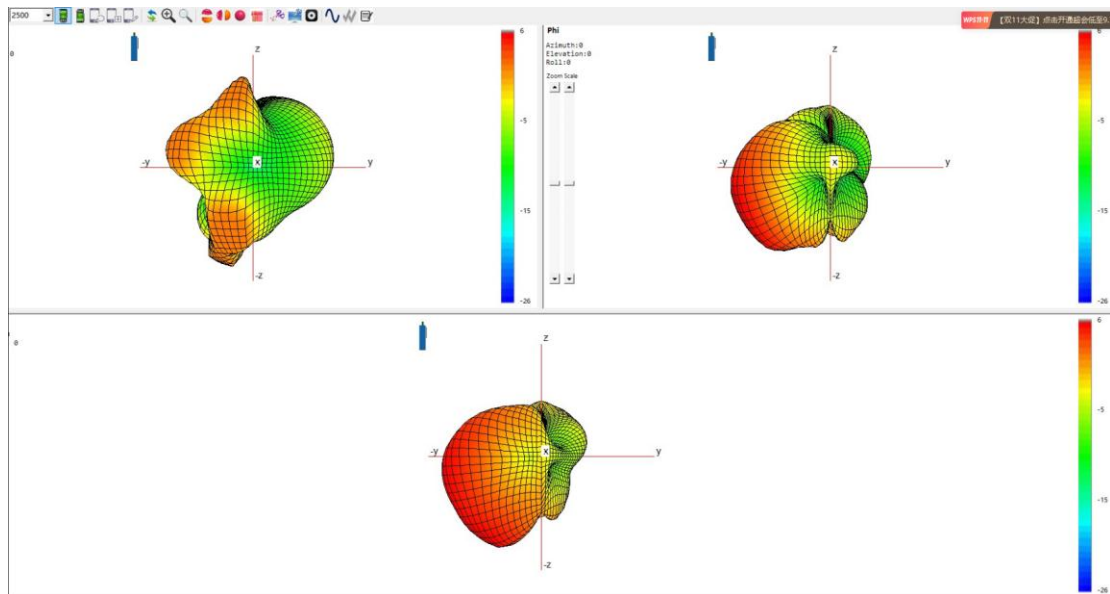
2400MHz:



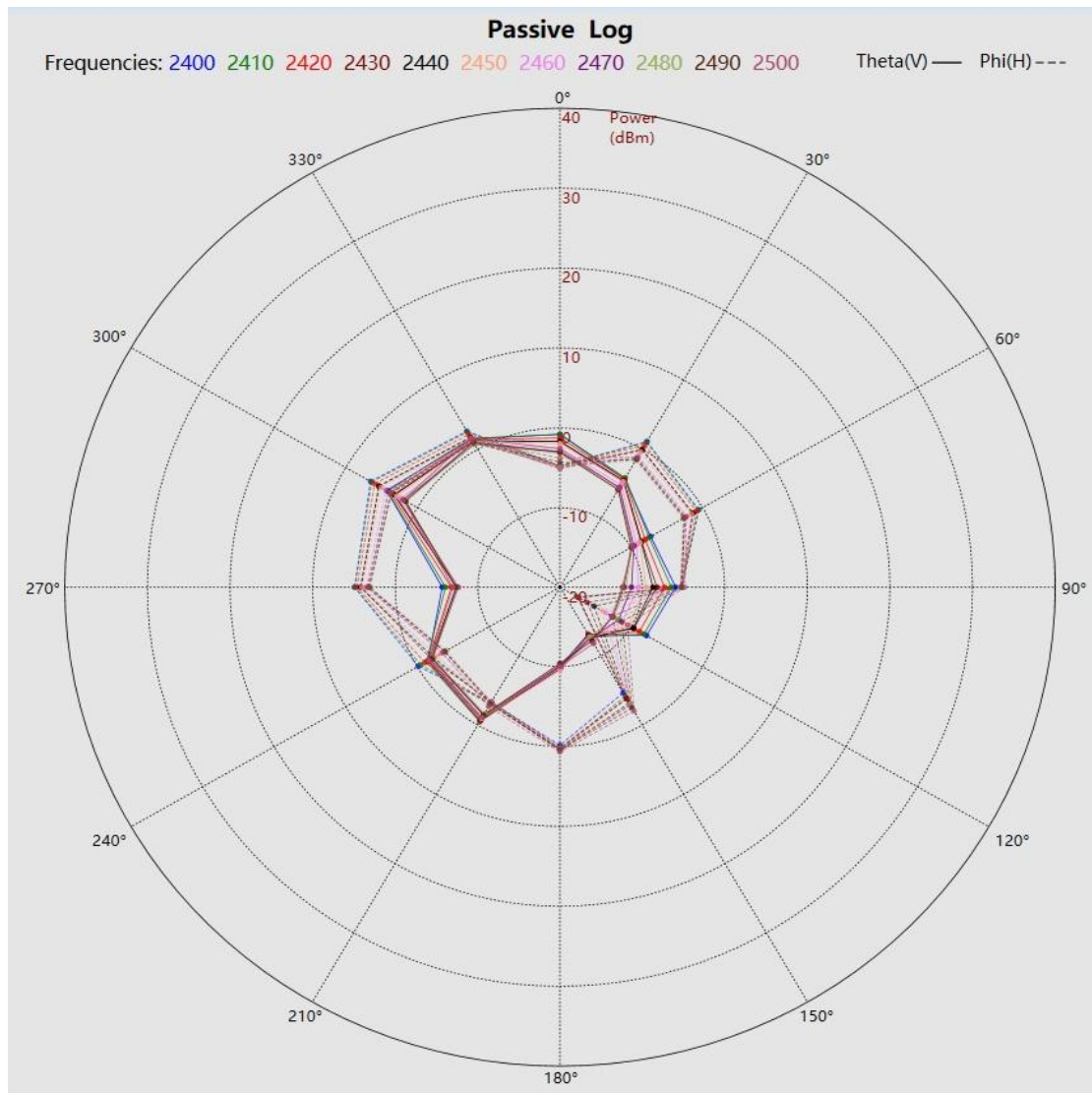
2450MHz:



2500MHz:



3.2, Scanning antenna 2D radiation pattern



ITEM	ANT SPEC		
Model Name	2.4G ANT		
Antenna plate	PCB antenna		
Center Frequency	2400MHz	2450MHz	2500MHz
	5.65 dBi	5.5dBi	3.26dBi
MAX.Gain	5.65dBi		
Polarization	Horizontai and Vertical		
Impedance	50Ohm		
Manufacture			

AntennaPhouo&Length(mm)

