

天线测试(Antenna test)

- 1, 硬件测试(Hardware test)
- 2, 软件测试(Software testing)
- 3, 数据读取(Data read)

1, 硬件测试(Hardware test)

1.1, PCBA 裸板测试(PCBA Bare plate test)

将射频连接线与裸板焊接好, 再将其与 OTA 设备连接, 射频连接线与裸板连接图, 如下图示:

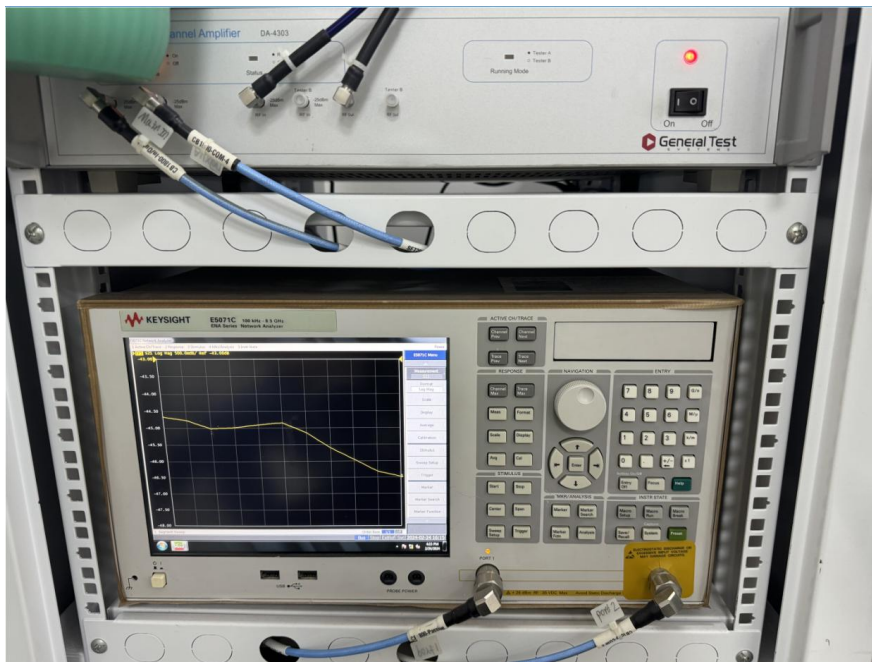
Weld the beam connection cable to the bare board, and then connect it to the OTA device. The connection diagram between the RF connection cable and the bare board is shown as follows:



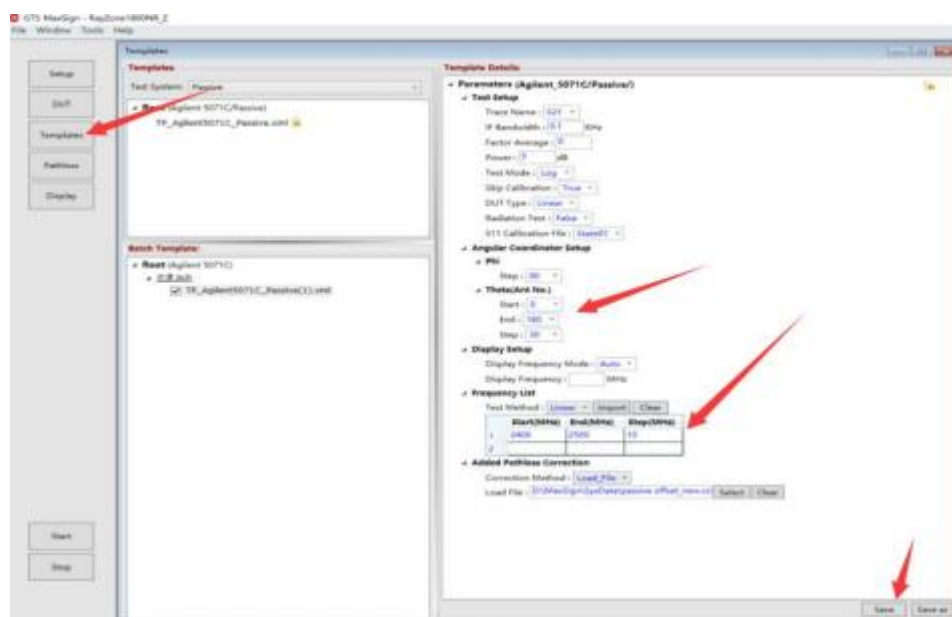
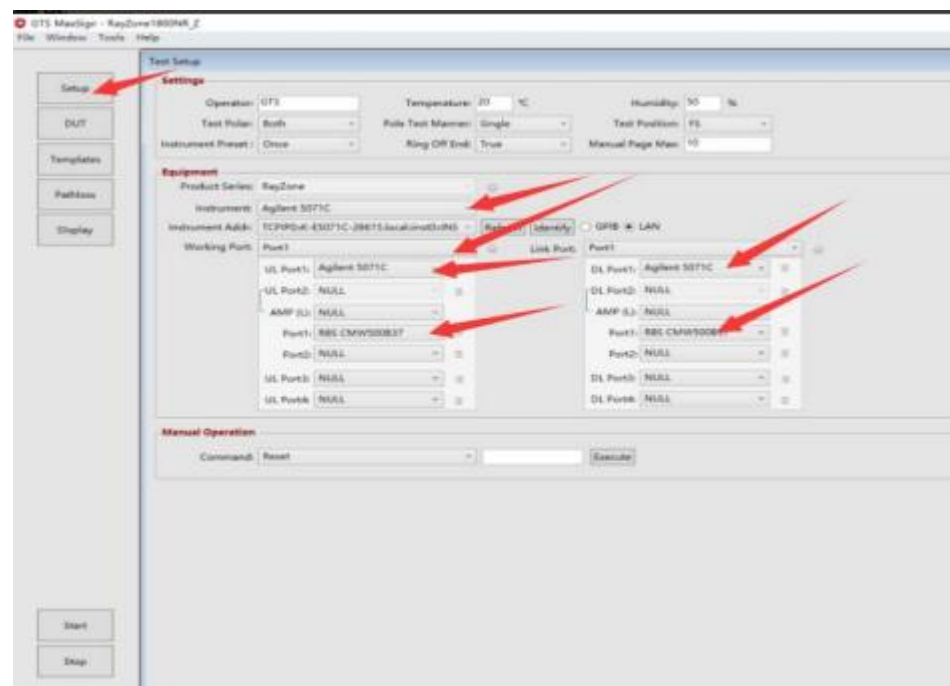
1.2, 设备环境(Equipment environment)

本次测试需要用到设备有电脑，频谱仪，放大器和暗室，如下图示：

This test requires the use of equipment straight computer, spectrometer, amplifier and darkroom, as shown below:



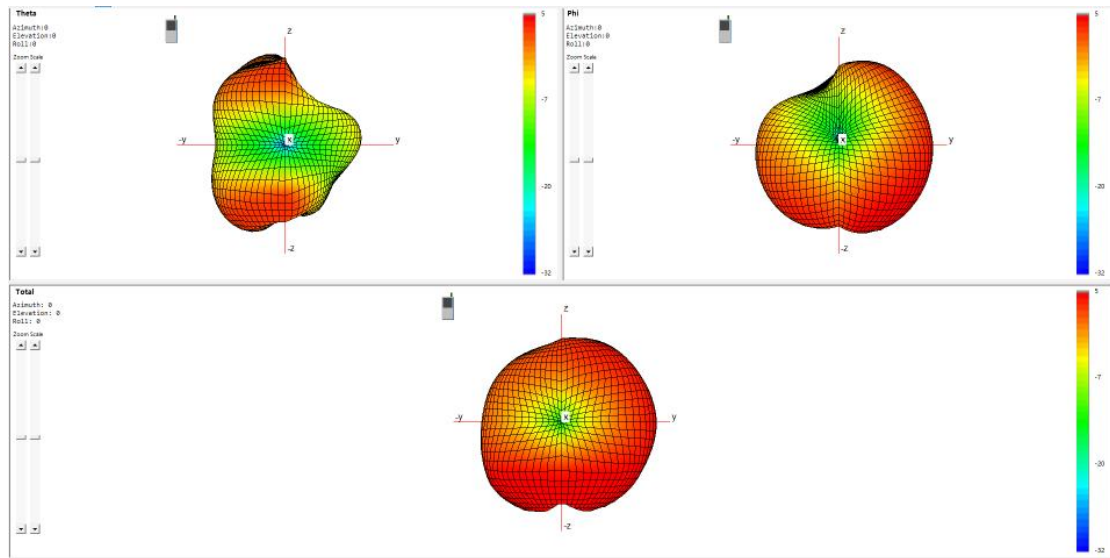
2, 软件测试(Software testing)



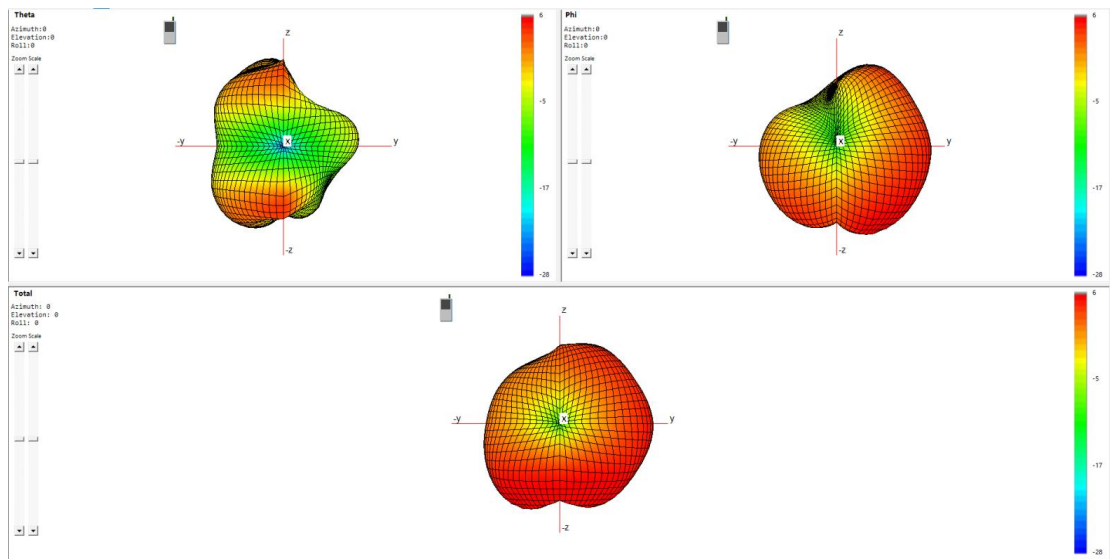
3, 数据读取(Data read)

3.1, 扫描天线的 3D 图辐射图(Scanning the antenna in 3D radiation)

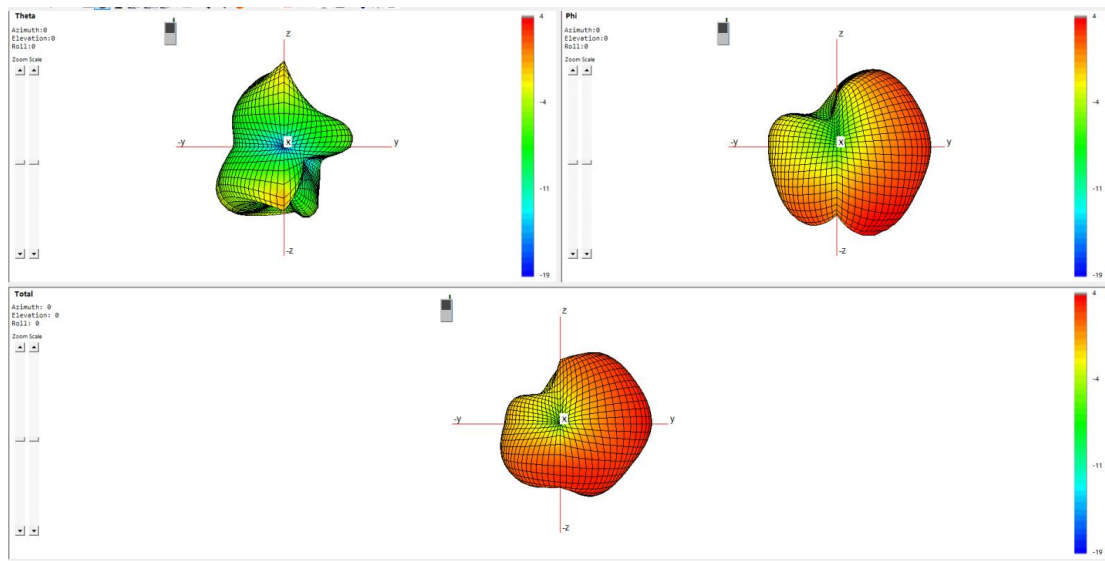
2400MHz:



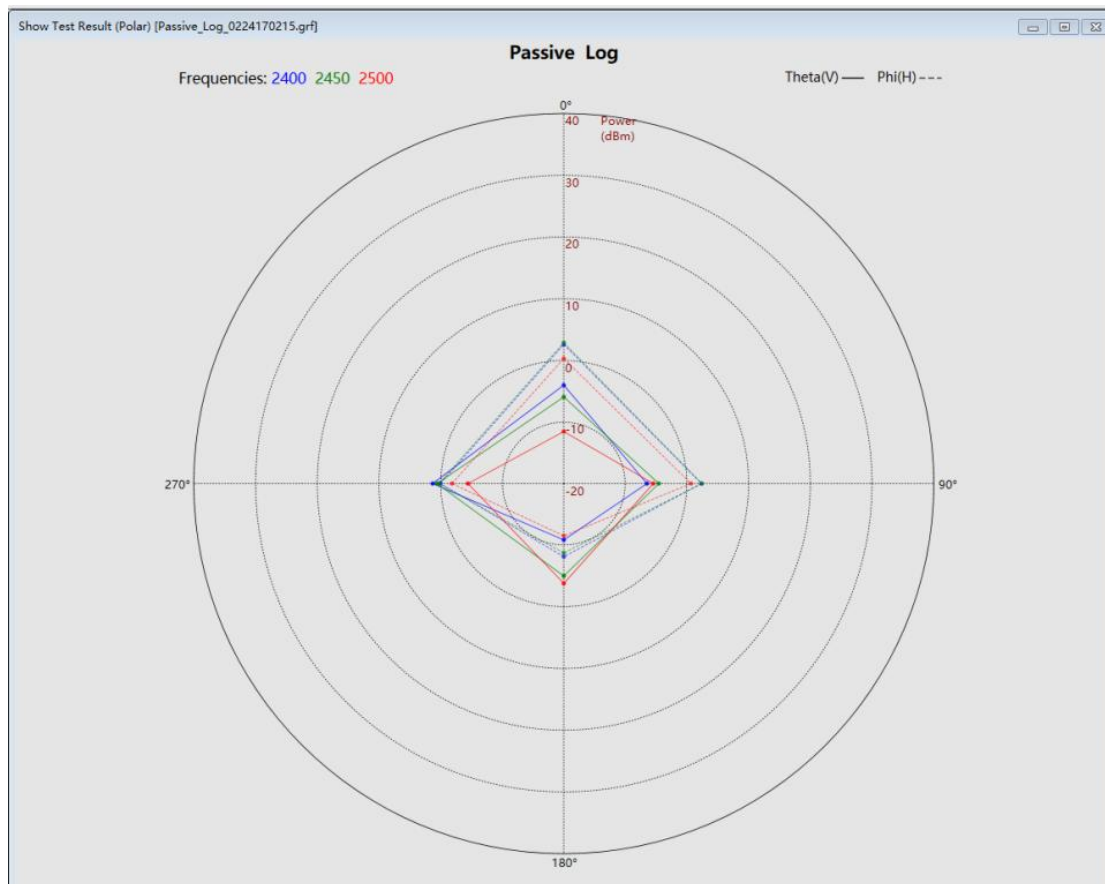
2450MHz:



2500MHz:



3.2, 扫描天线 2D 辐射图(Scan the 2D radiation pattern of the antenna)



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