

ShenZhenQiXinTongDaTechnologyCo.,Ltd.

S126 antenna test report

ClientName:OUQI

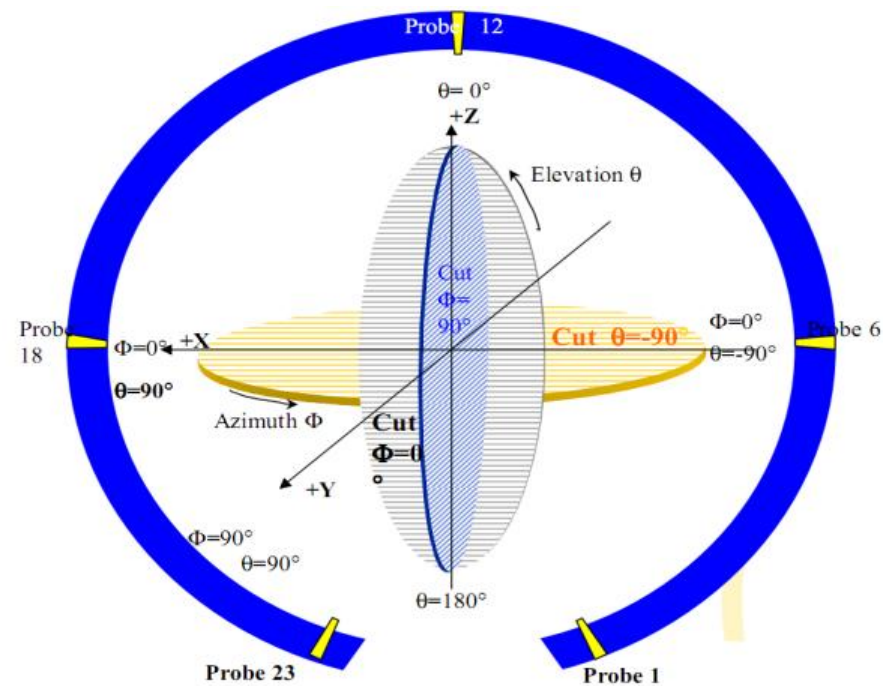
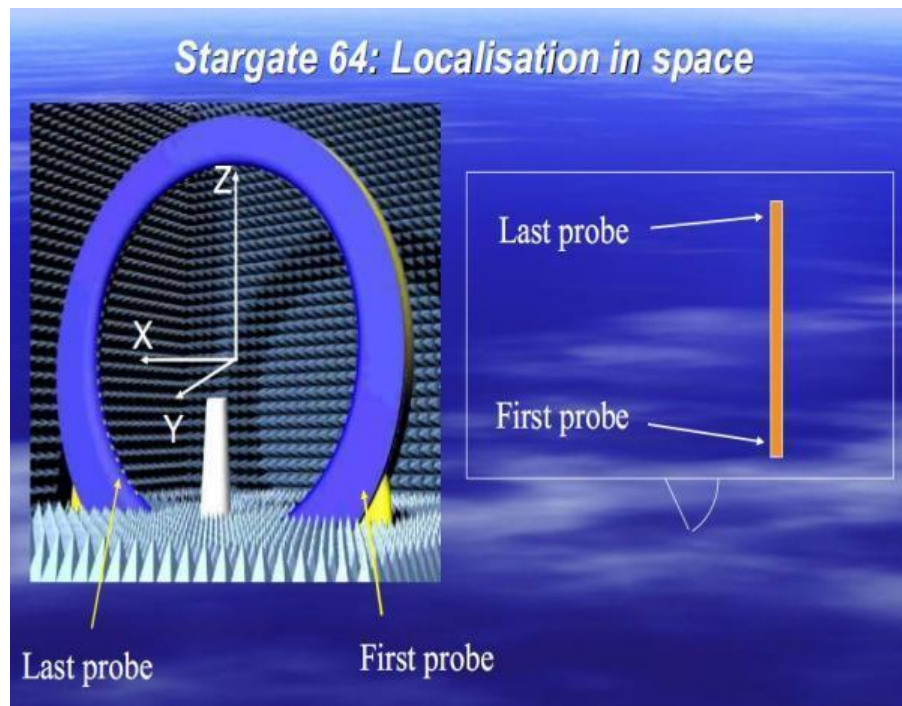
ProjectName: S126D-4G

FrequencyBand:GSMB2/3/5/8+WCDMAB1
/2/4/5/8+FDDB1/3/4/5/7/8/12/17/18/19/20/2
5/26/28AB/66+TDDB38/39/40/41

RF: YuJianwei (15625272636)

日期: 2023年12月16日

Coordinate identification diagram



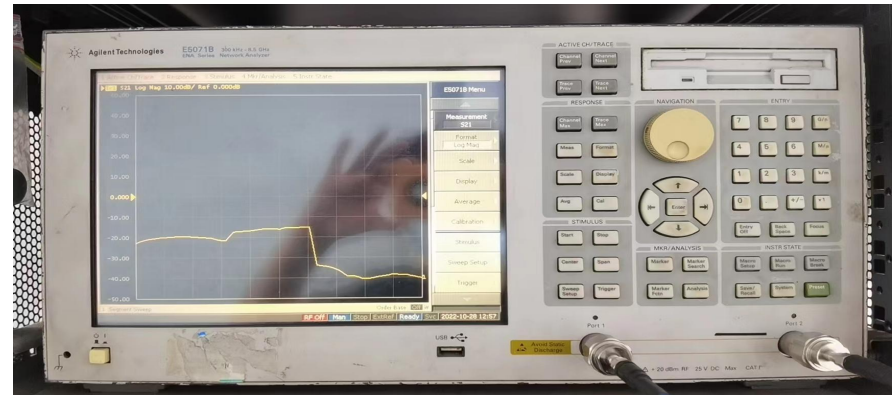
The image shows a Rohde & Schwarz CMW 500 Wideband Radio Communication Tester. The screen displays a list of test results for various channels, including parameters like Power, Error Rate, and Bit Error Rate. The device has a large keypad and several control buttons on the right side.

The image shows a Rohde & Schwarz FSW 30 Spectrum Analyzer. The main display is titled "Fast Bit Error" and shows a "Fast Bit Error Rate" of 0.0000. The screen is divided into several sections:

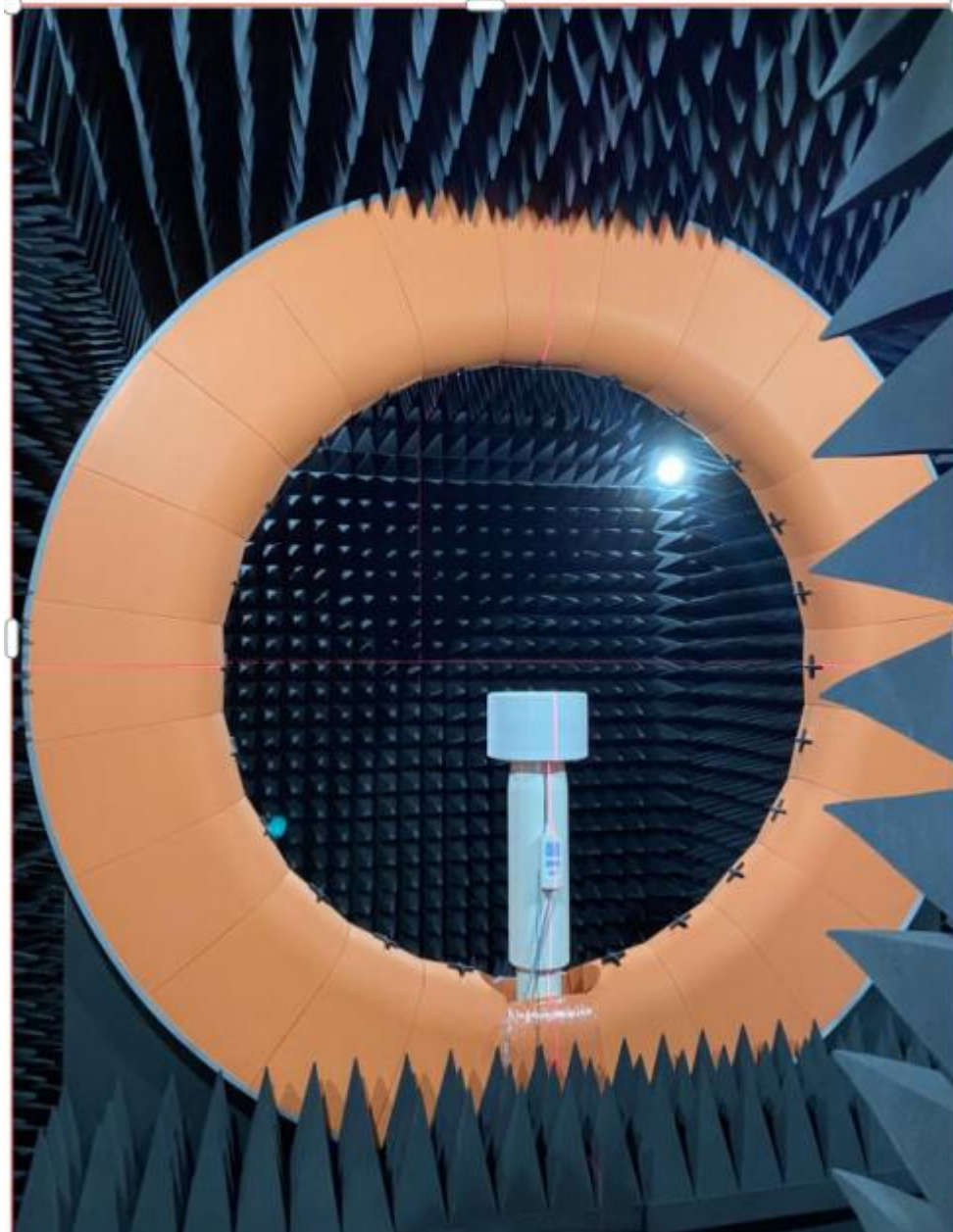
- Control:** Includes "Fast Bit Error Setup" and "0/3000".
- Measurement/Instrument Screen:** Includes "Transmit Power" and "Signal".
- Call Params:** Includes "ICI Parameters", "ICI Parameters", "PDCI Parameters", "Bandwidth Parameters", and "Receiver Control".

The "Bandwidth Parameters" section shows a table of burst parameters (Burst 1 to Burst 6) for BP and ECP. The "Receiver Control" section shows "Active Call" and "Des Type: GPRS".

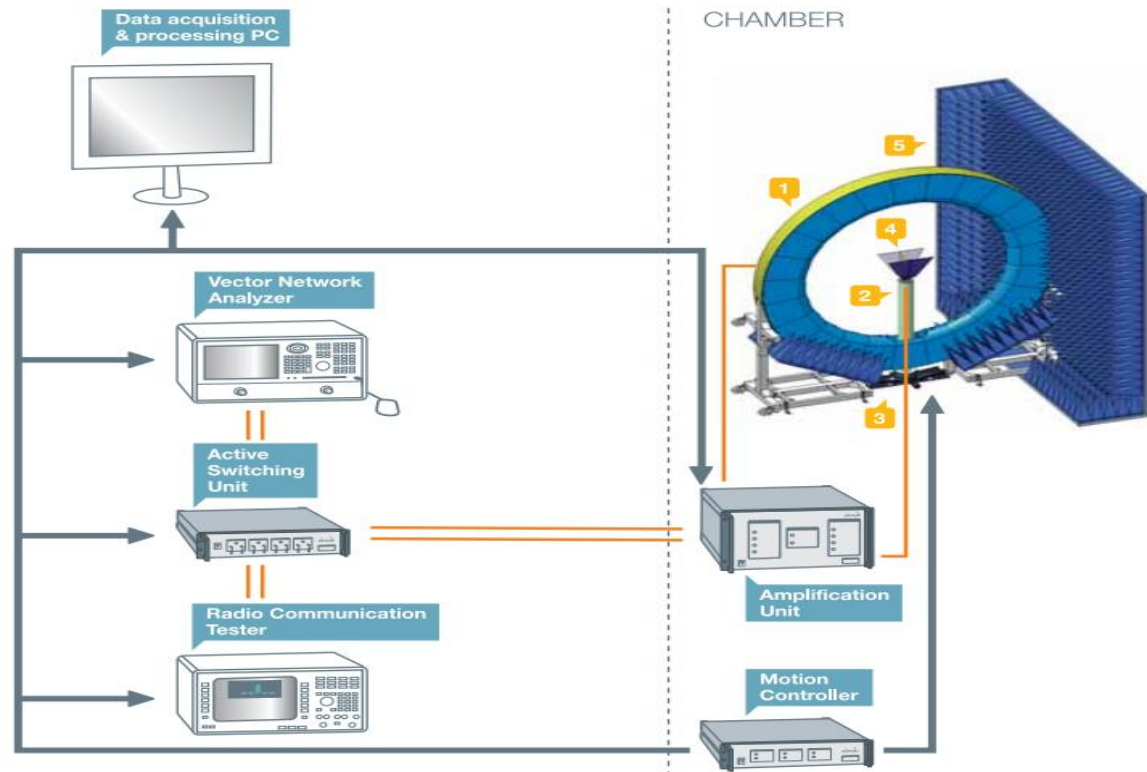
The right side of the device features a control panel with buttons for "MEASUREMENT", "CALL SETUP", "DATA ENTRY", and a numeric keypad. The bottom of the device has a "MAIN MENU" button and a "Power" button.



Laboratory test environment and equipment

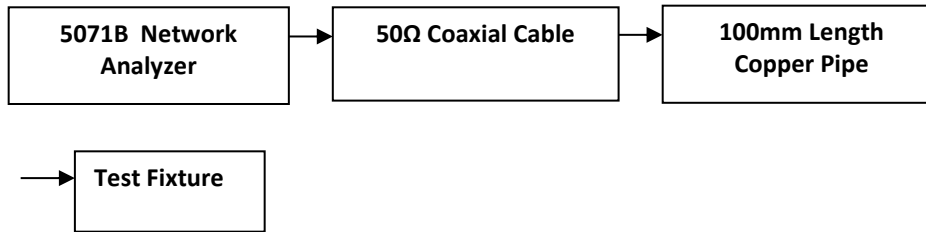


Test process introduction

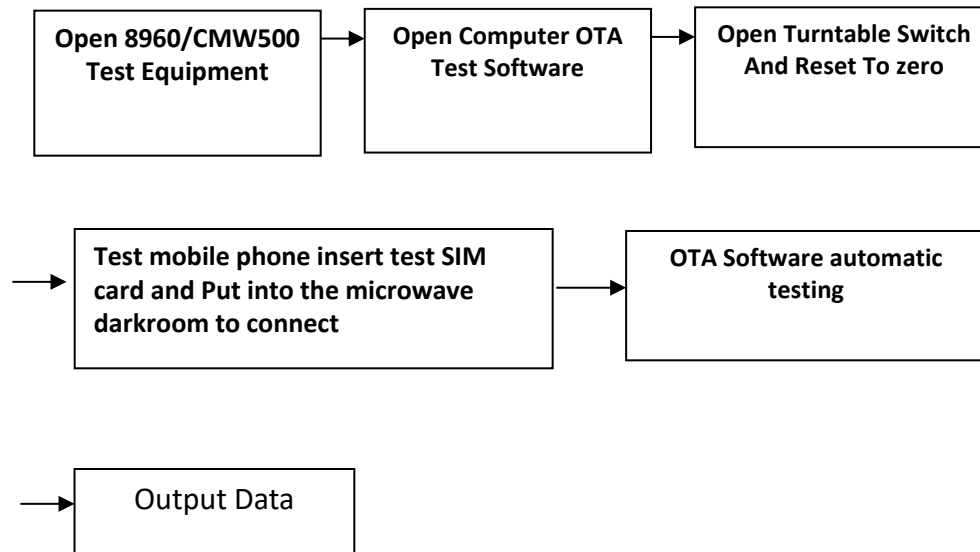


Test process introduction

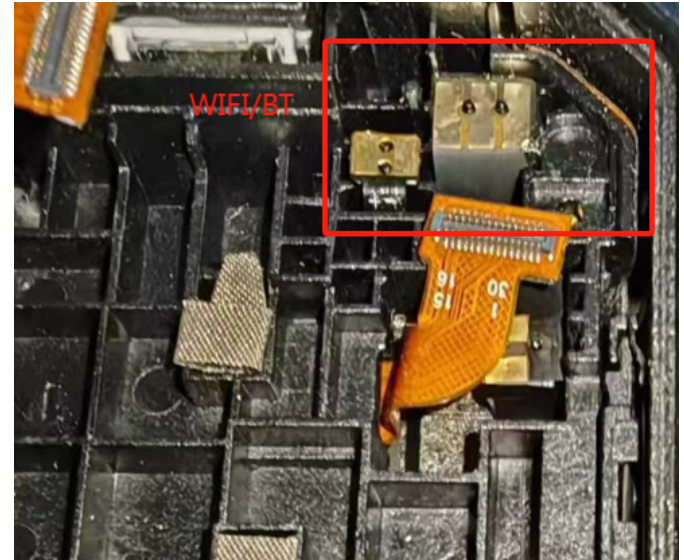
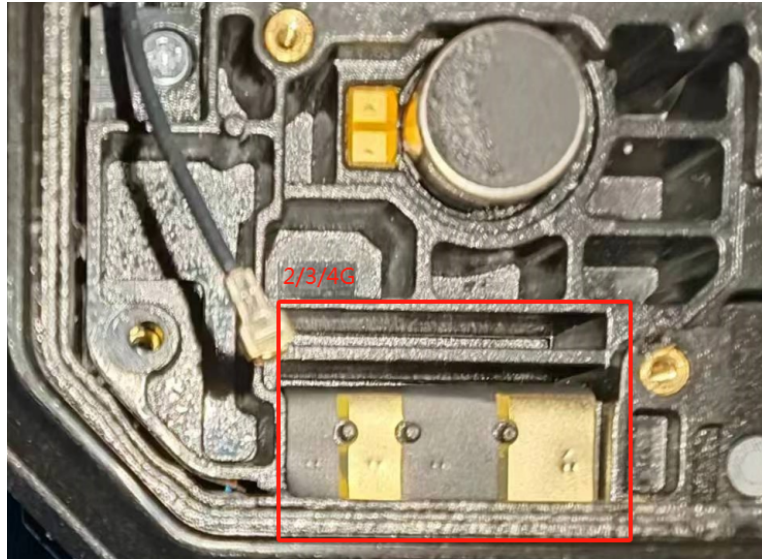
Passive VSWR/RL Test Steps:



- Active TRP/TIS Test Step:



Antenna pattern



Antenna test data

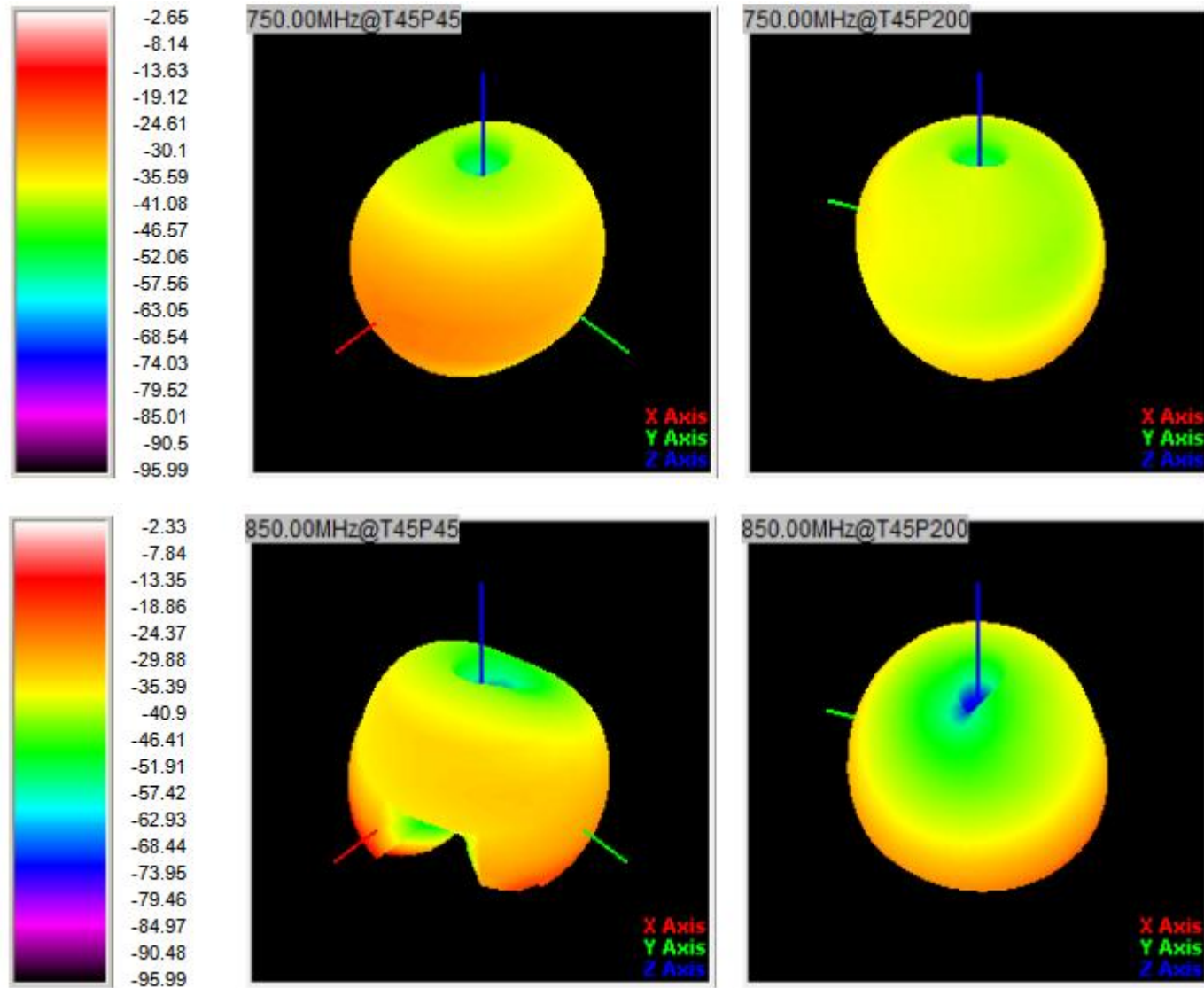
Gain

BAND	Peak Gain(dBi)
GSM850	-2.33
GSM900	-0.26
GSM1800	-2
GSM1900	-1.02
WCDMA2100	-0.96
WCDMA1900	-1.02
WCDMA1700	-2
WCDMA850	-2.33
WCDMA900	-0.26
BAND1	-0.96
BAND2	-1.02
BAND3	-2
BAND4	-2
BAND5	-2.33
BAND7	-0.91
BAND8	-0.26
BAND12	-2.65
BAND17	-2.65
BAND18	-2.33

BAND	Peak Gain(dBi)
BAND19	-2.33
BAND20	-2.33
BAND25	-1.02
BAND26	-2.33
BAND28A	-2.65
BAND28B	-2.65
BAND66	-2
BAND38	-0.91
BAND39	-1.02
BAND40	-2.48
BAND41	-0.91
Bluetooth	0.35
WIFI2.4G	0.35
WIFI5G	2.67
GPS	-0.18

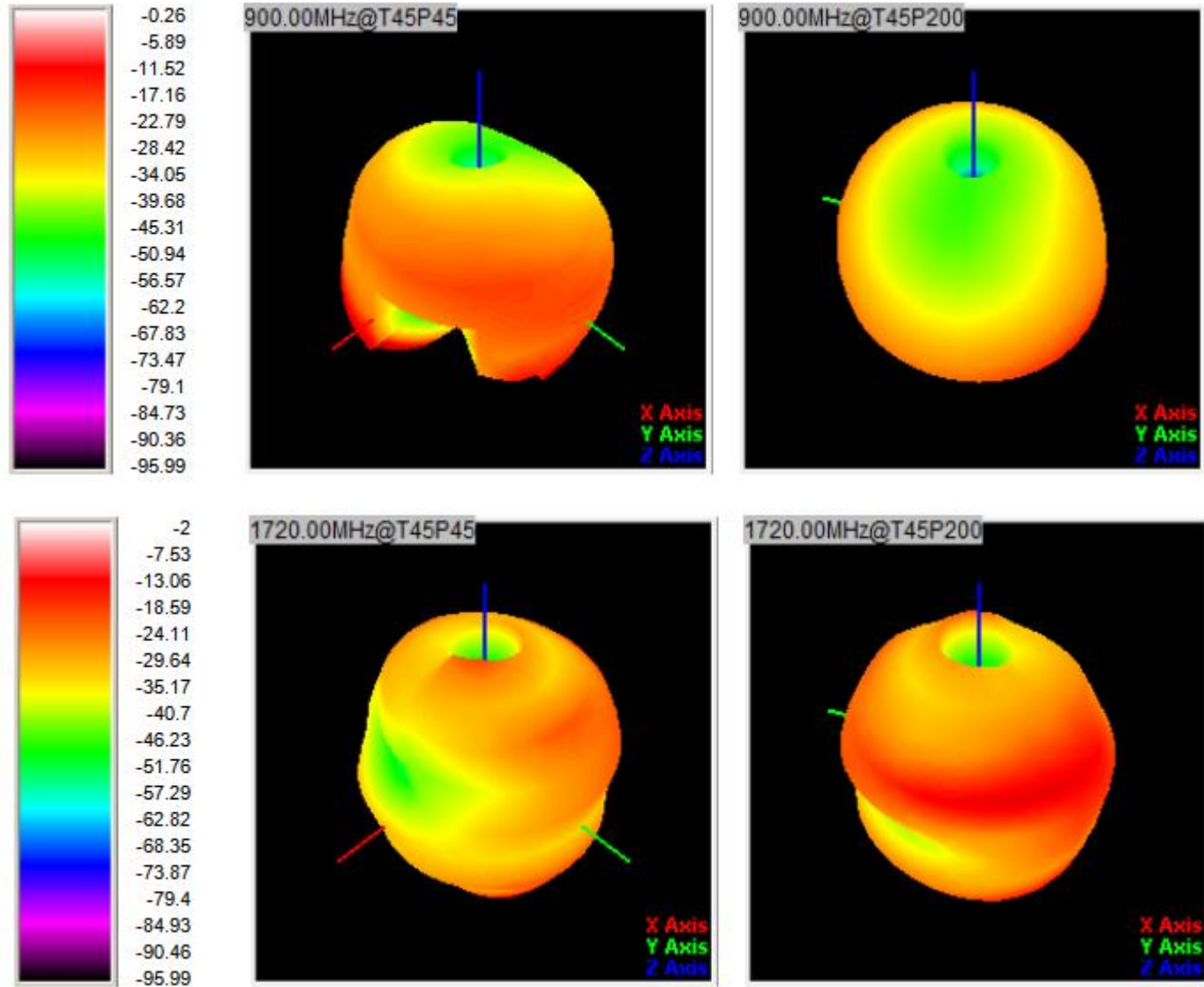
Antenna test data

Passive 3D image of antenna (2G/3G/4G)



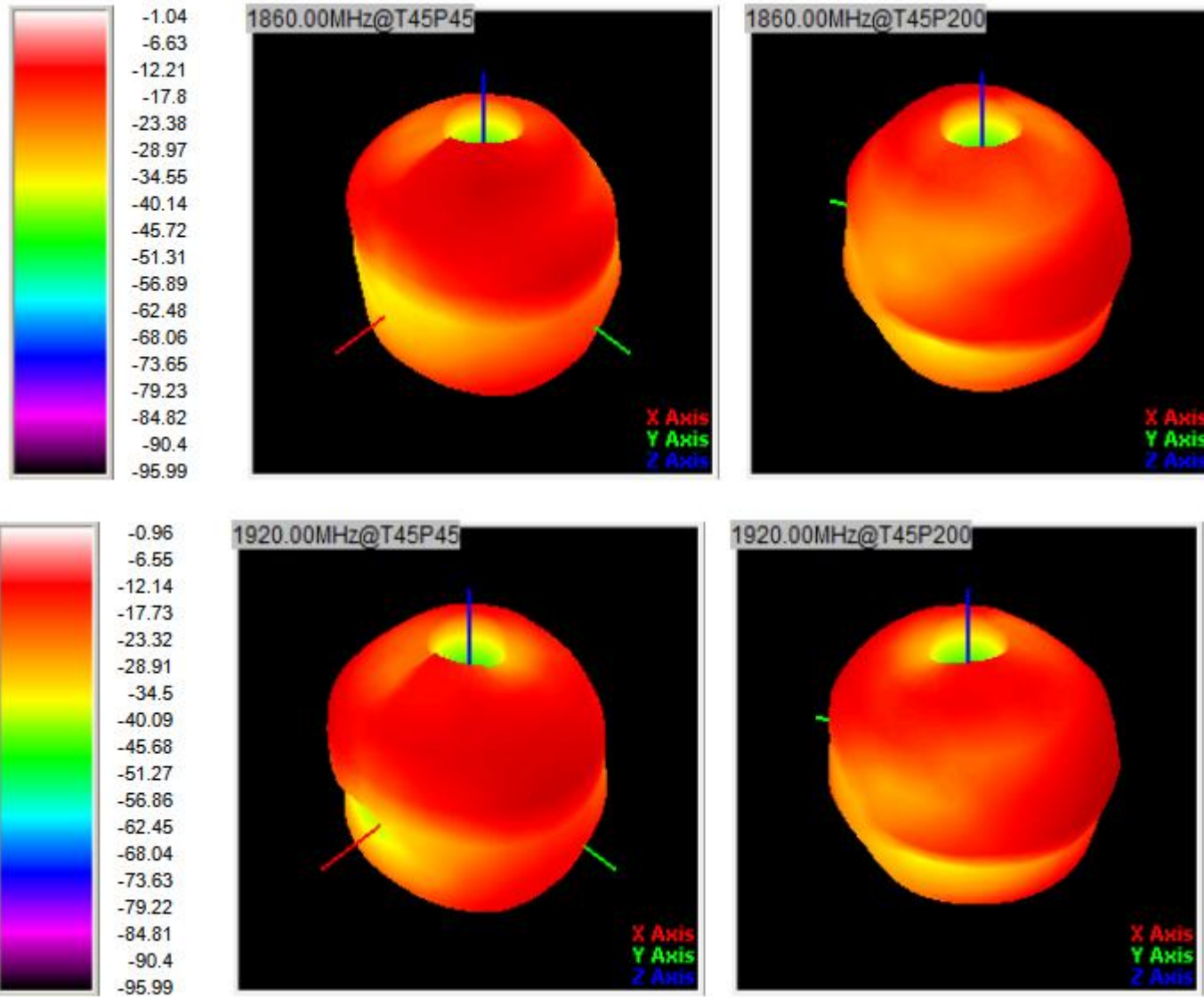
Antenna test data

Passive 3D image of antenna (2G/3G/4G)



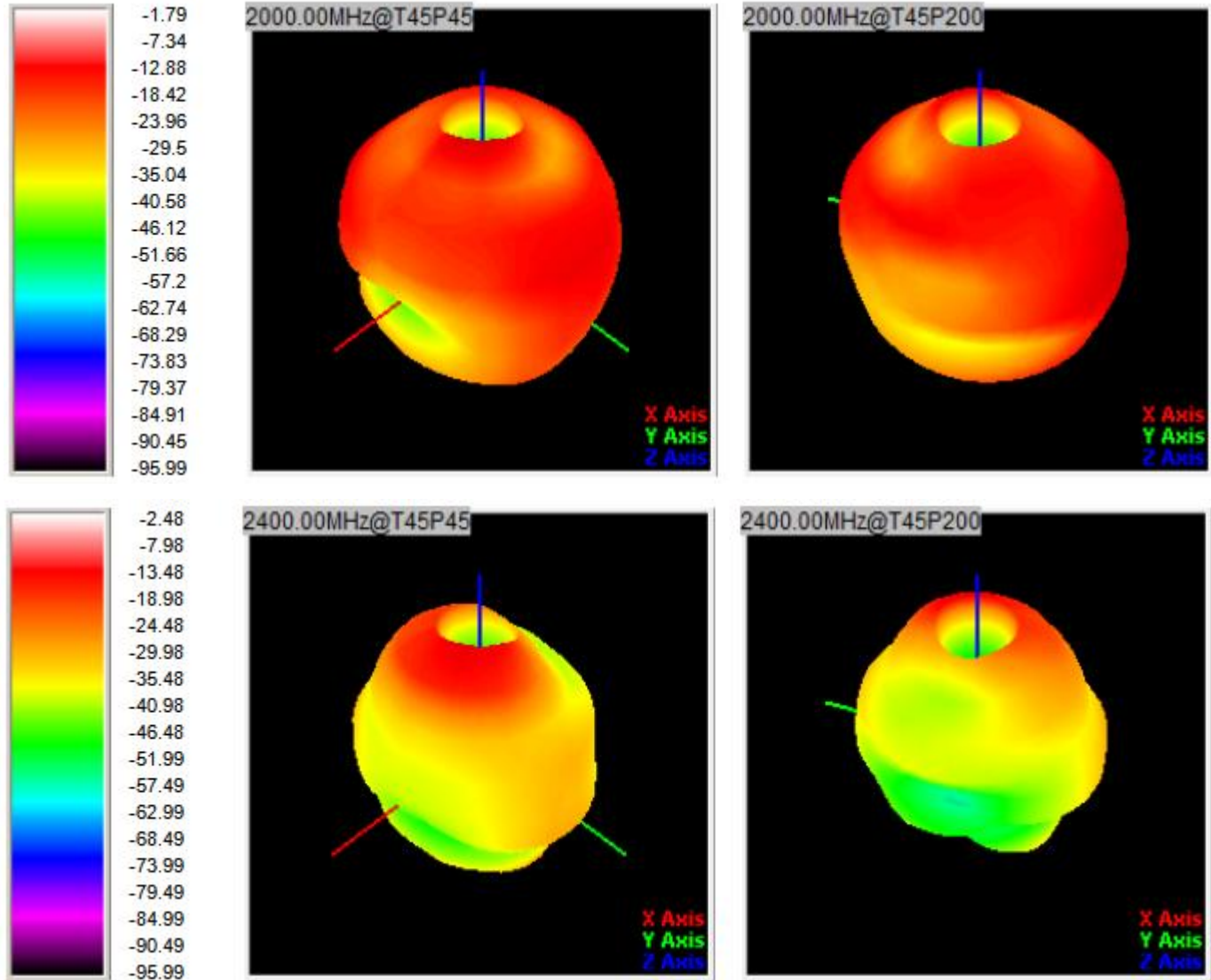
Antenna test data

Passive 3D image of antenna (2G/3G/4G)



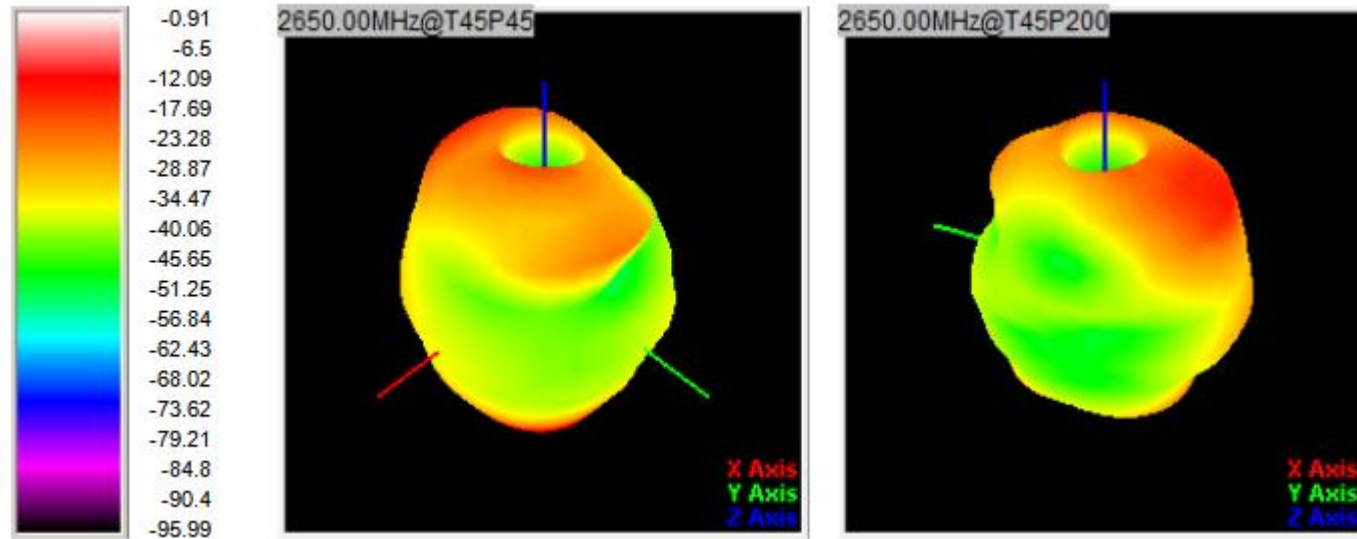
Antenna test data

Passive 3D image of antenna (2G/3G/4G)



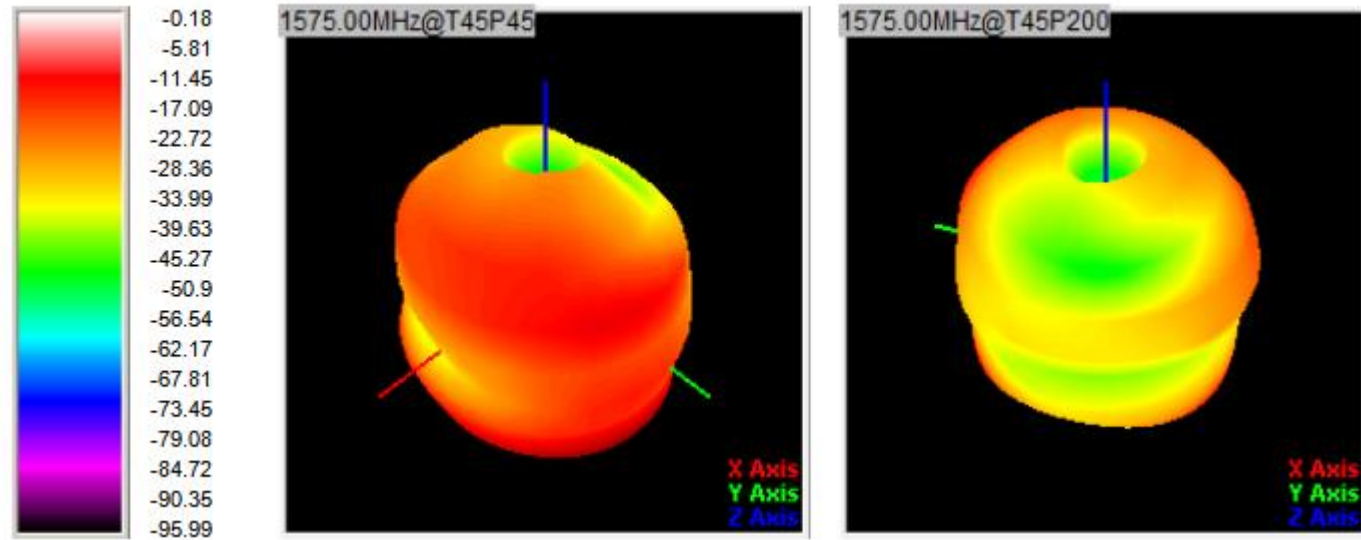
Antenna test data

Passive 3D image of antenna (2G/3G/4G)



Antenna test data

Passive 3D image of antenna (GPS)



Antenna test data

Passive 3D image of antenna (WIFI)

