

ShenZhenQiXinTongDaTechnologyCo.,Ltd.

S126 antenna test report

ClientName:OUQI

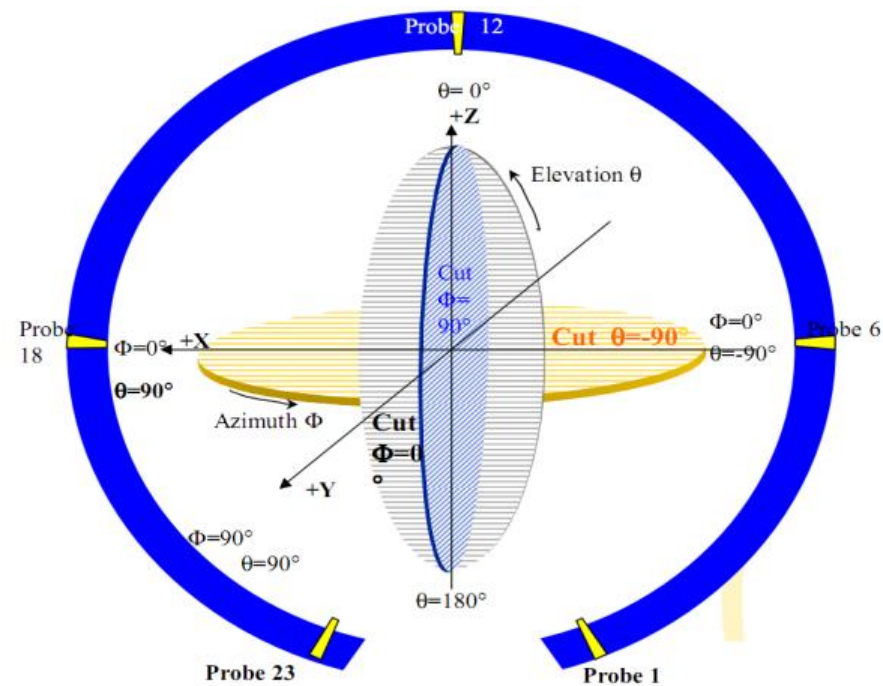
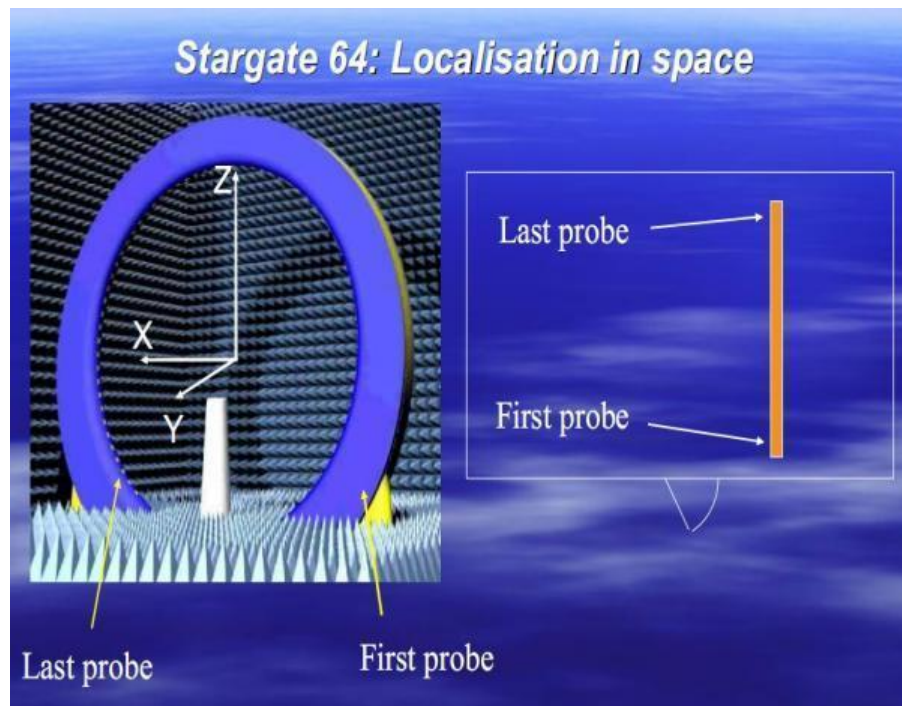
ProjectName: S126D-4G

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

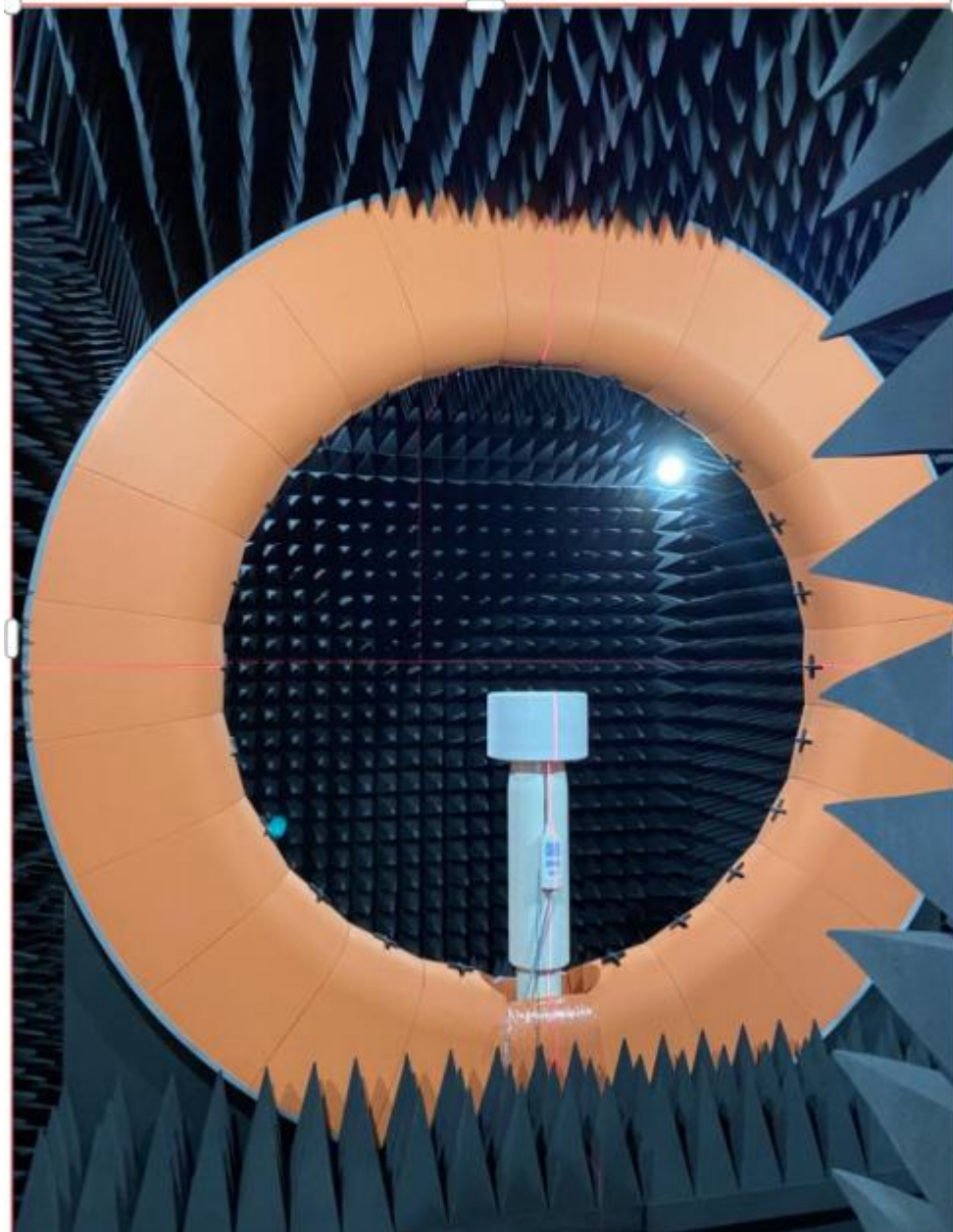
Coordinate identification diagram



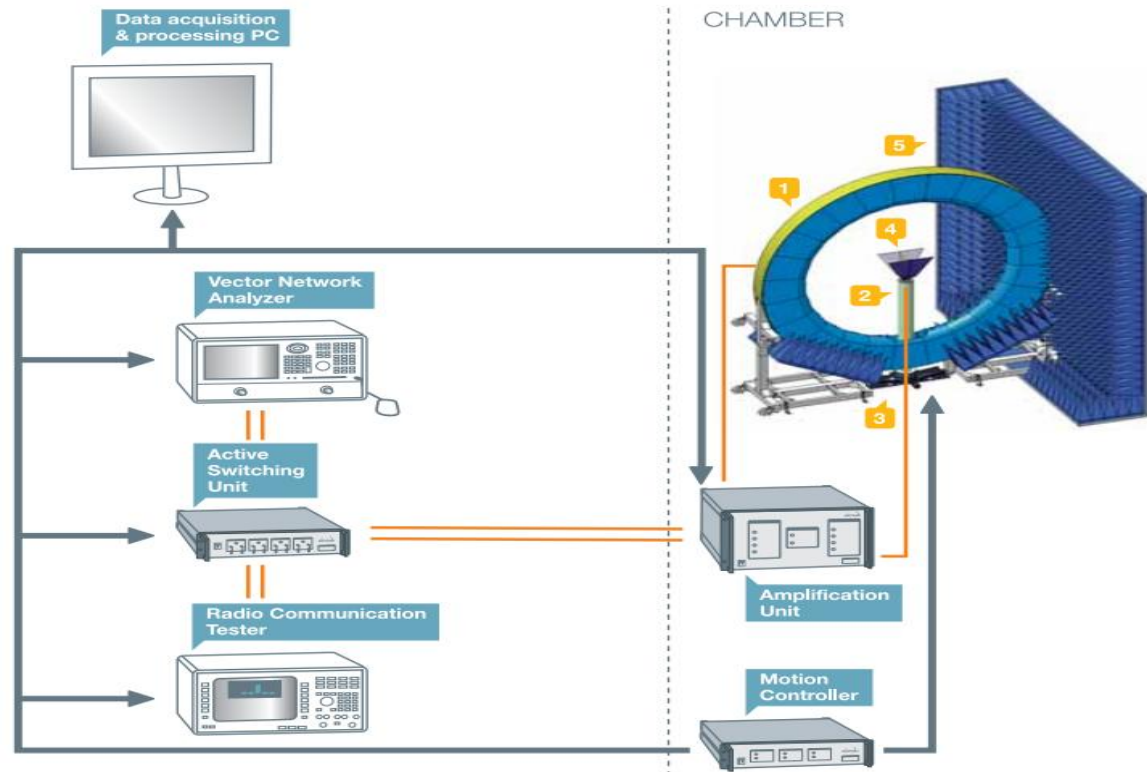
Test project	The device under test
S11、S12 、VSWR 、LOSS	Network analyze:E5071B
Efficiency、Gain 3D Radiation Pattern	ATS、Network analyze:E5071B
TRP、TIS	ATS、CMW500、Agilent 8960



Laboratory test environment and equipment

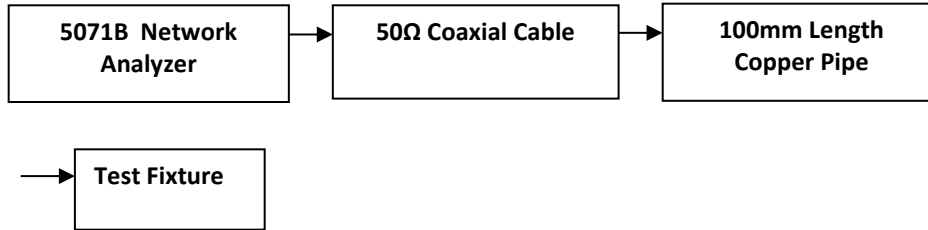


Test process introduction

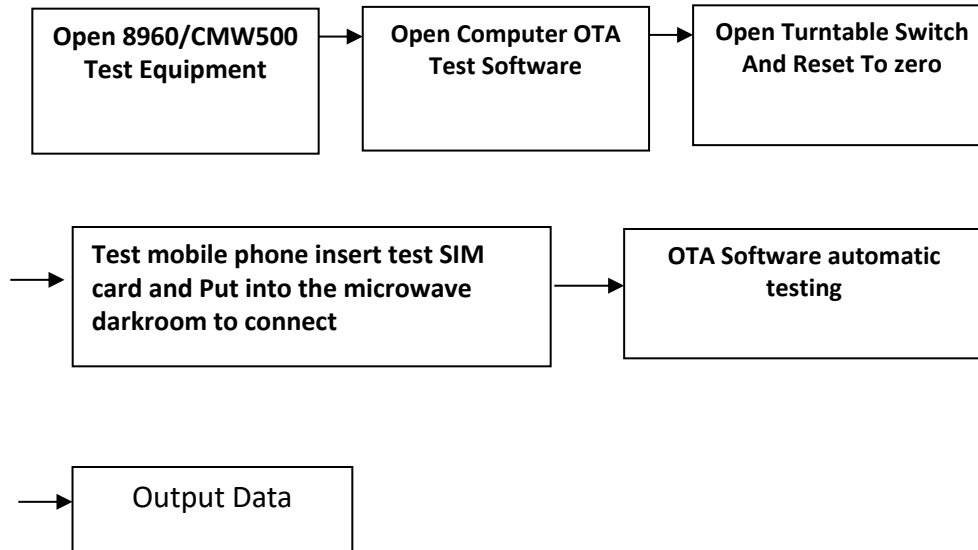


Test process introduction

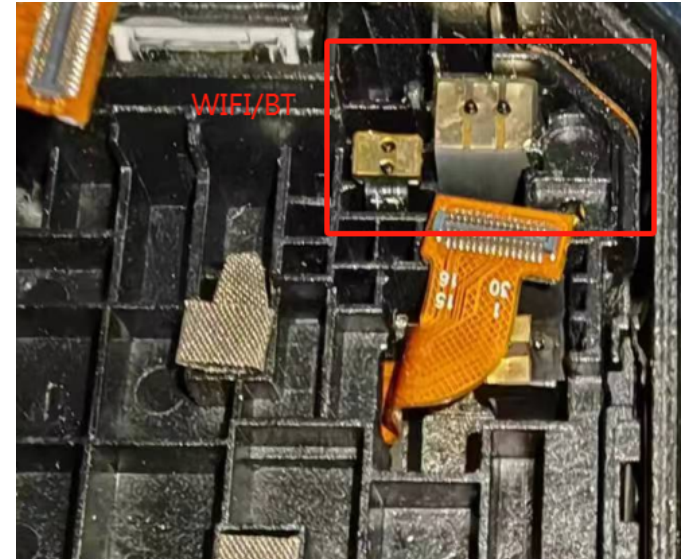
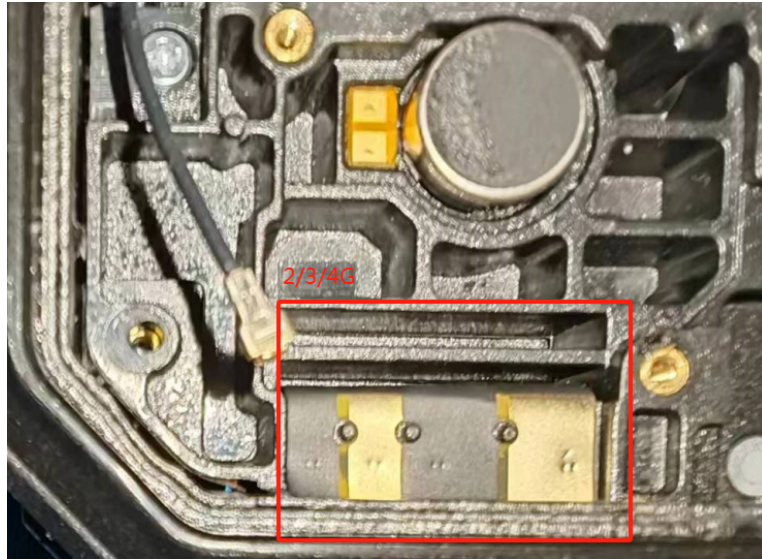
Passive VSWR/RL Test Steps:



- Active TRP/TIS Test Step:



Antenna pattern



Antenna test data

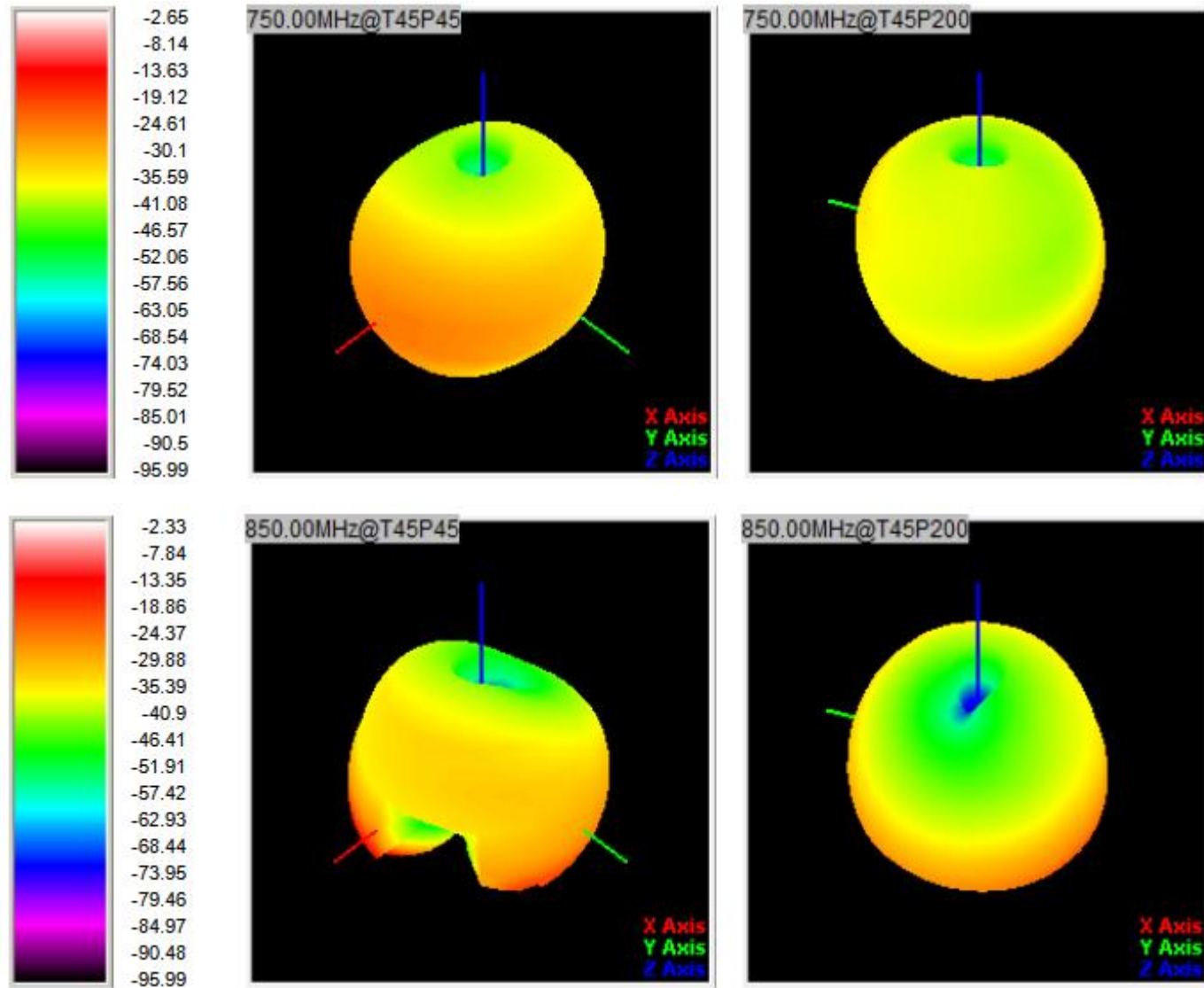
Gain

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

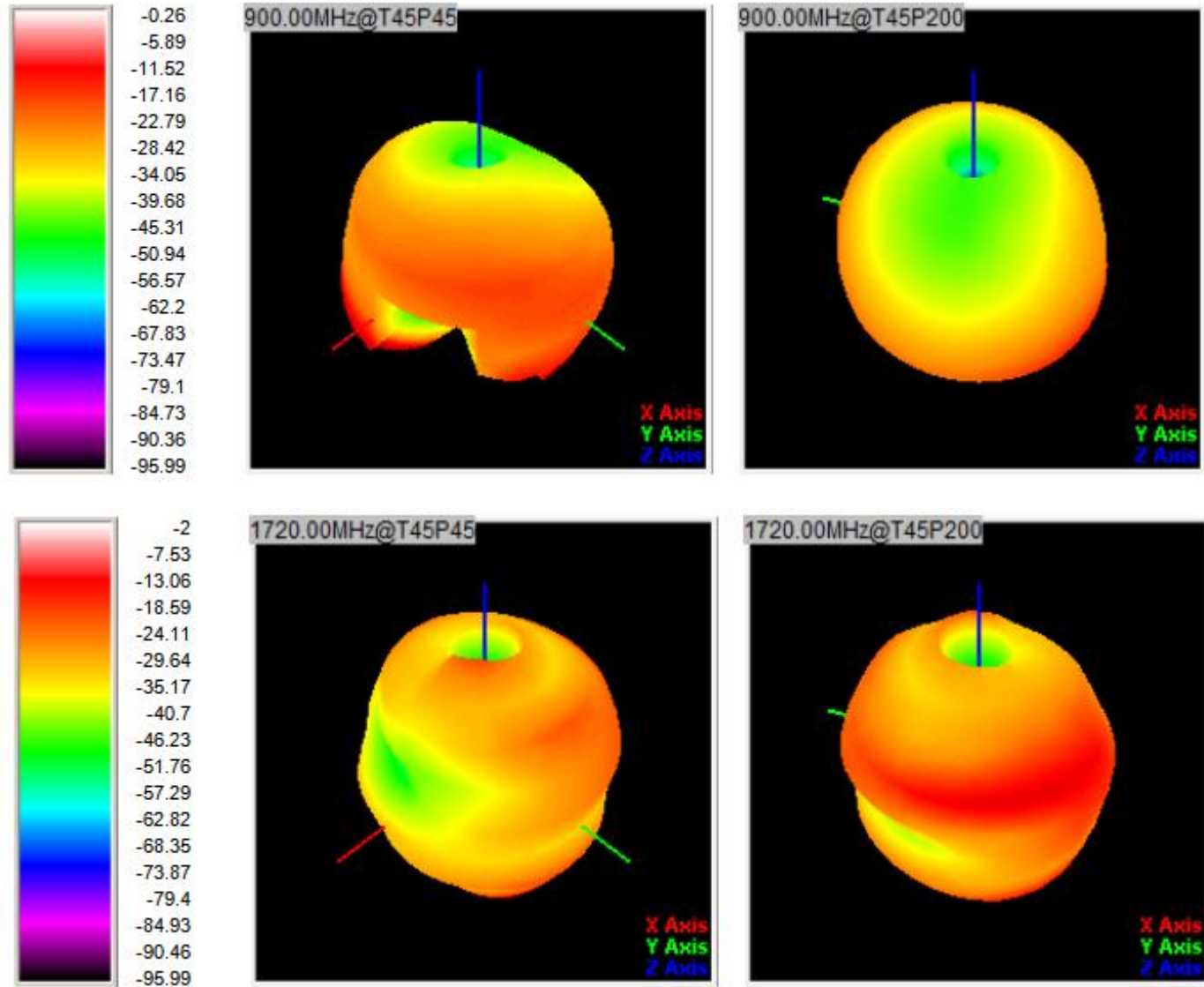
Antenna test data

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



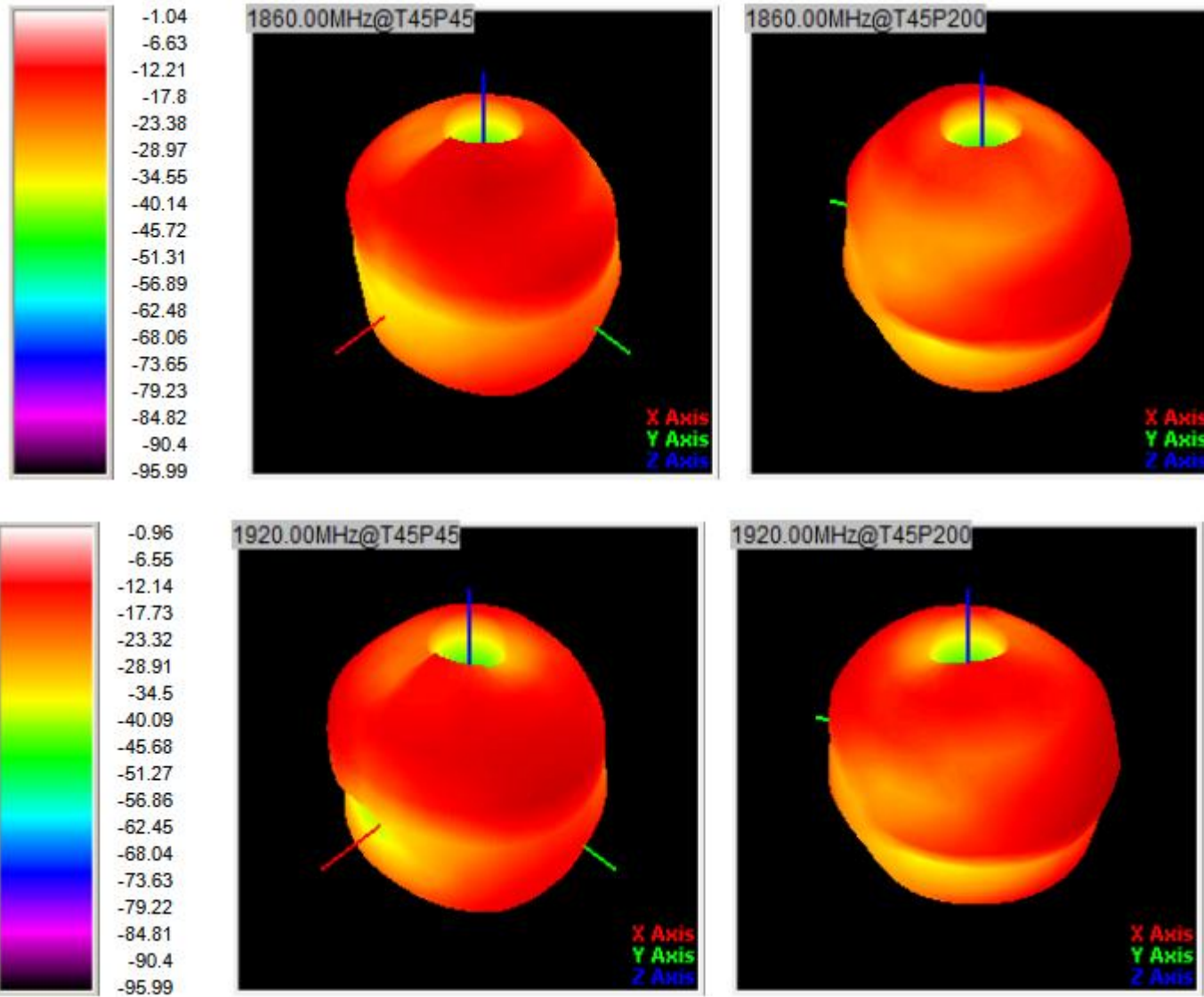
Antenna test data

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



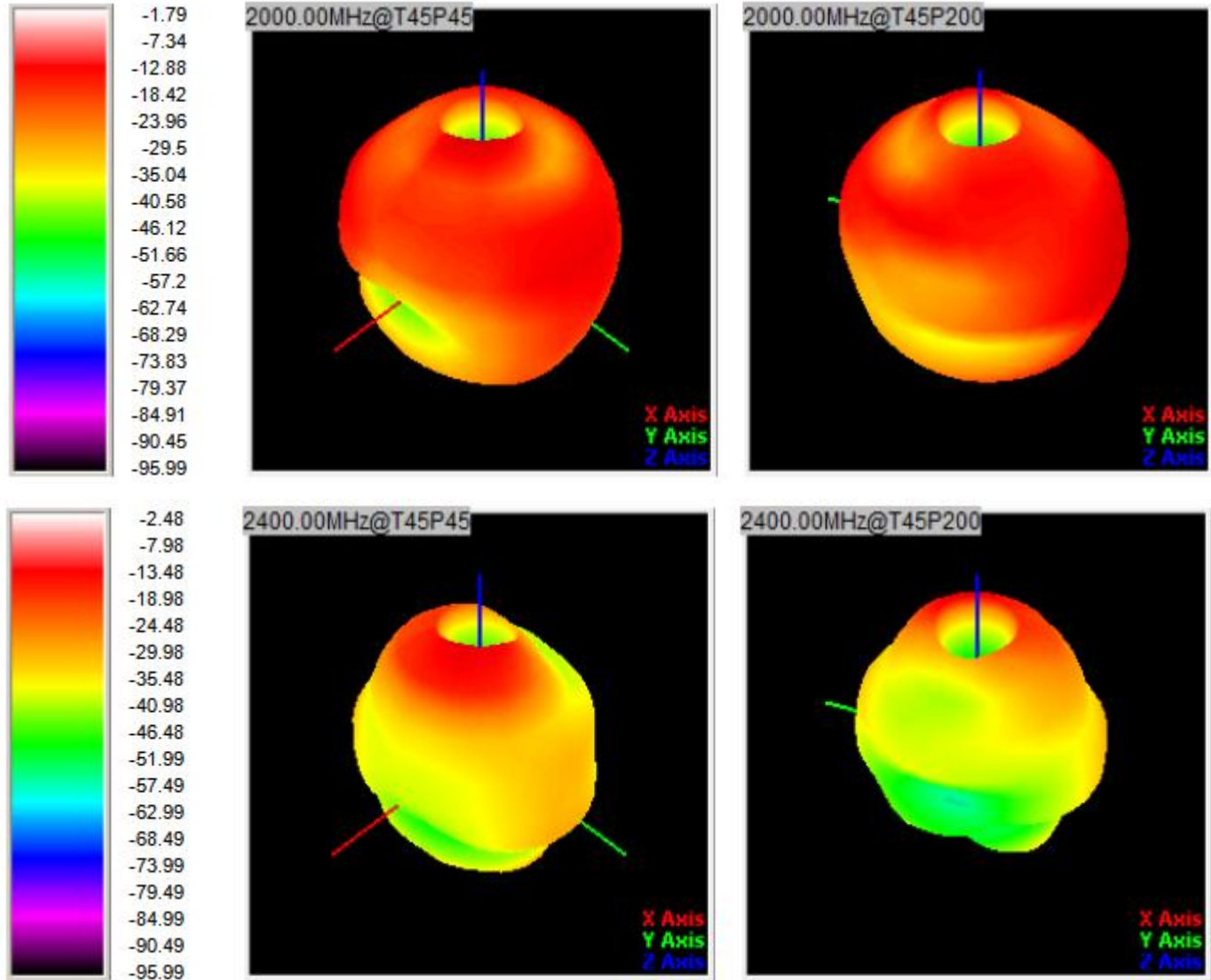
Antenna test data

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



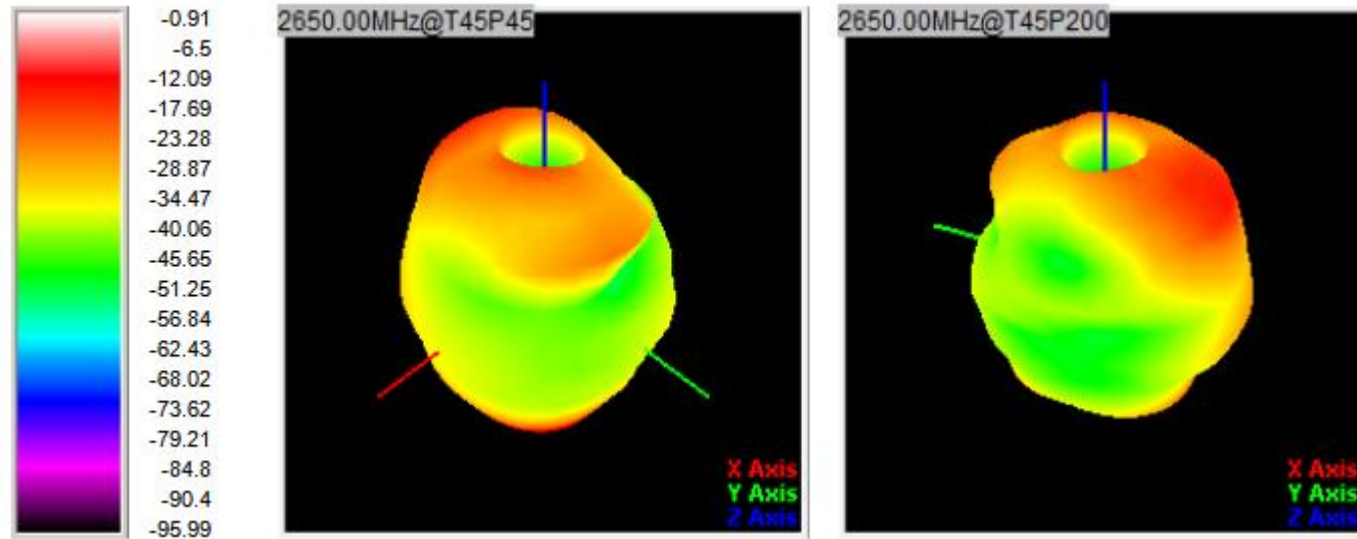
Antenna test data

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



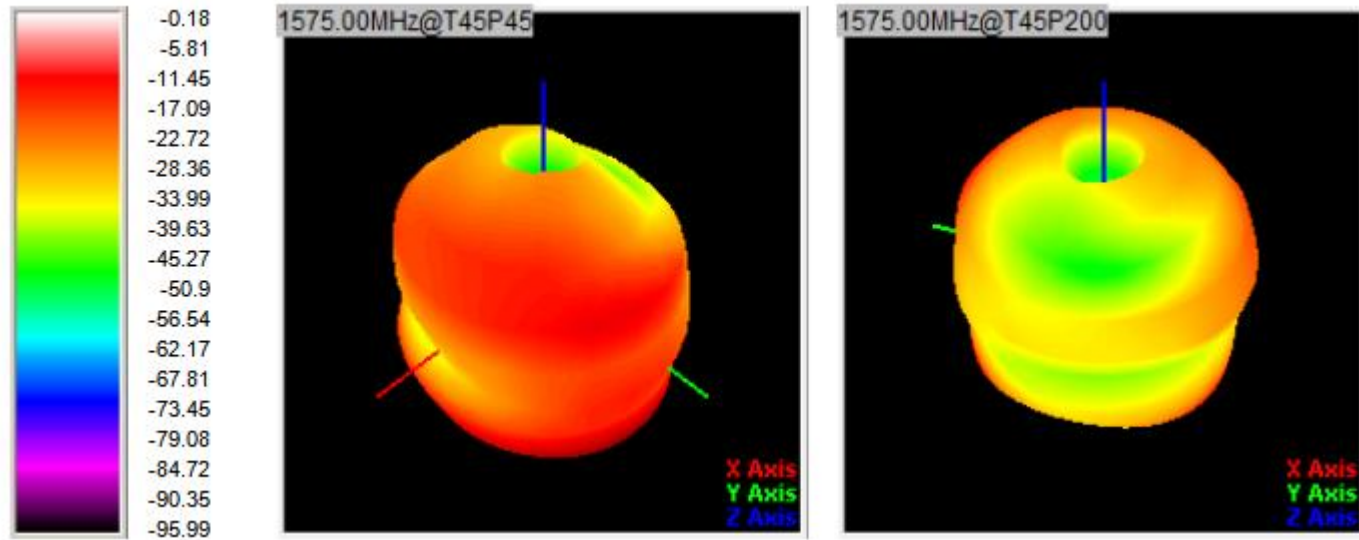
Antenna test data

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)

