

ShenZhen QiXinTongDa Technology Co.,Ltd.

Antenna Test Report

Client Name: OUQI

Project Name: S98D-4G

**Frequency Band: GSM B2/3/5/8+WCDMA B1/2/4 /
5/8+FDD B1/2/3/4/5/7/8/12/17/18/19/20/25/26/28
AB/66+TDD B34/38/39/40/41**

RF: LI HAI LONG (137 6025 5827)

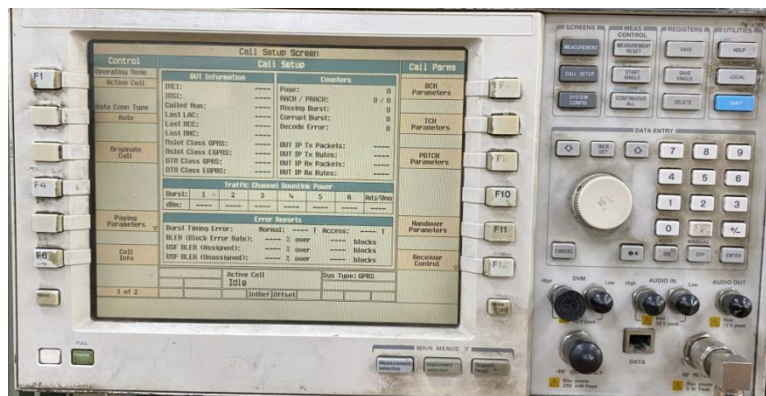
1.Test Project

	Test Project	Equipment
1. S Parameter	1. Return Loss (RL) 2. VSWR	Network Analyzer: Agilent 5071B
2. RF Test (2G+3G+4G+5G)	1. power 2. level 3. TRP/TIS	Comprehensive Test: CMW500/8960 Test Environment: Anechoic Chamber

2. Test Equipment



Agilent 5071B (S Parameter (RL/VSWR) Test Equipment)

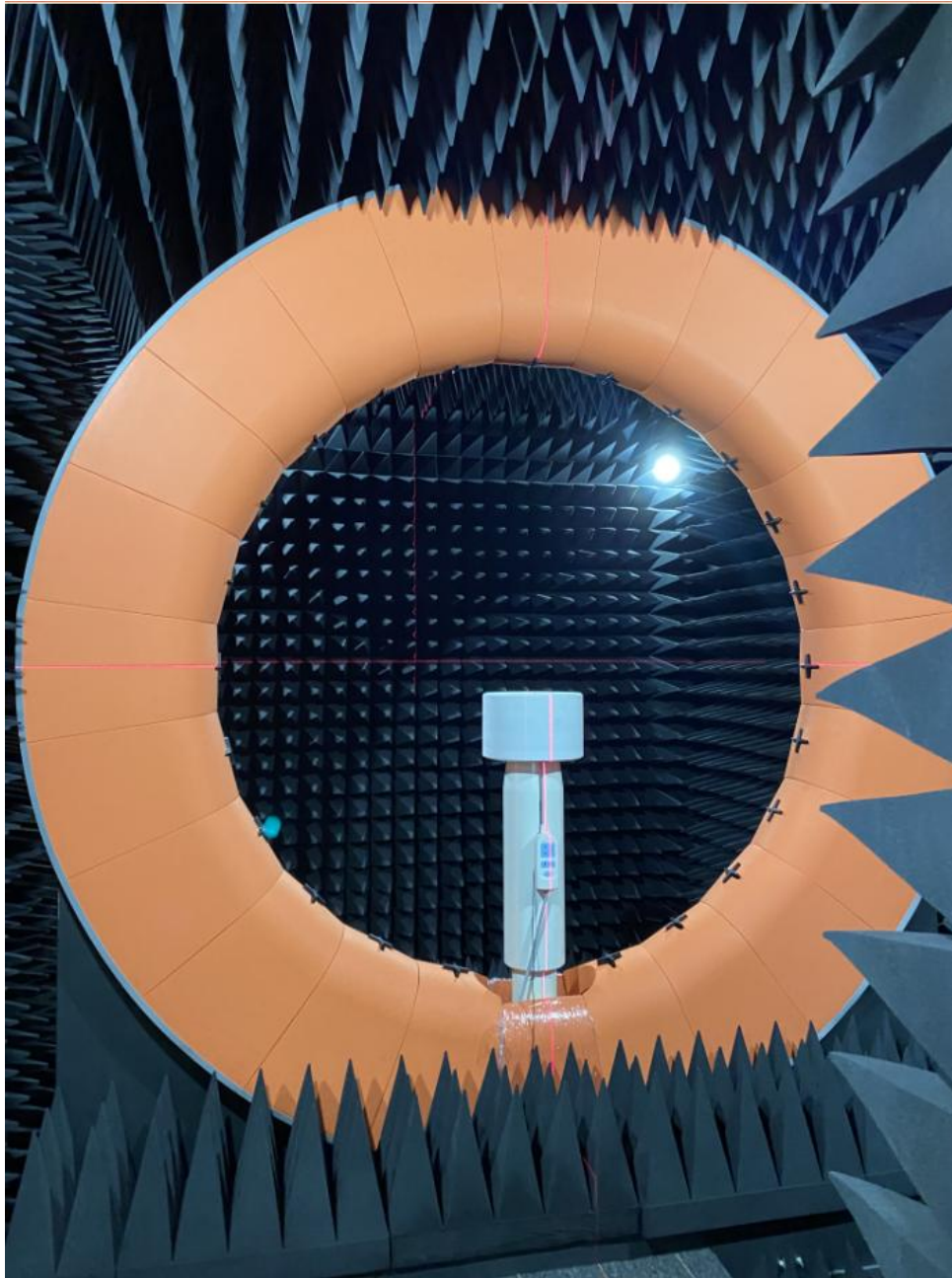


Agilent 8960 (2G/3G Test Equipment)



CMW 500 (2G/3G/4G Test Equipment)

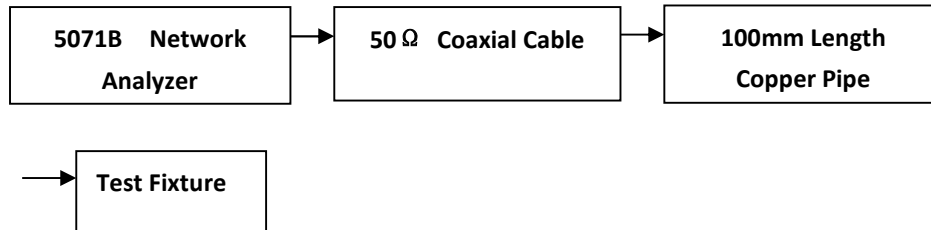
3. TestEnvironment



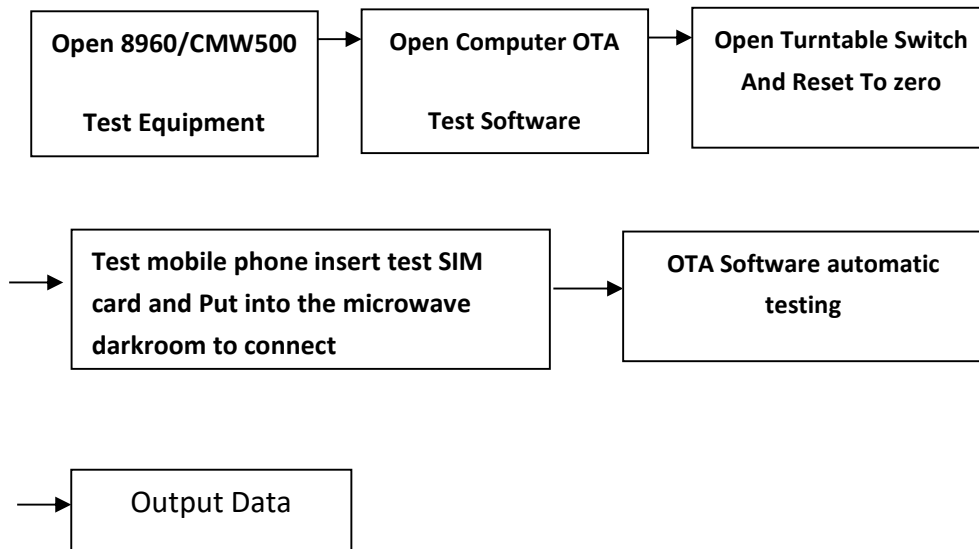
Anechoic Chamber

4.Test Steps

Passive VSWR/RL Test Steps:



Active TRP/TIS Test Steps:



5. Antenna Dimensions

Technical drawing of a USB connector showing three views: front, side, and top. Dimensions are provided in millimeters (mm).

Dimensions:

- Front View: Total length 59.48 mm, width 10.90 mm.
- Side View: Total height 17.13 mm, bottom flange width 9.69 mm.
- Top View: Total width 22.18 mm, central slot width 9.16 mm.

Table:

修改内容		修改者	修改日期

深圳市康鑫通达科技有限公司

图号	名称	单位	数量	备注
1	USB-A 公头	mm	10.5	
2	USB-A 母头	mm	10.25	
3	USB-A 插座	mm	10.05	
4	USB-A 外壳	mm	10.05	
5	USB-A 接口	mm	10.05	
6	USB-A 插孔	mm	10.05	
7	USB-A 插孔	mm	10.05	
8	USB-A 插孔	mm	10.05	

修改日集



鐵氣體

由 Autodesk 教育版产品制作

A diagram showing a large square with a smaller square inscribed inside it. A diagonal line is drawn from the top-right corner of the outer square to the center of the inner square. An arrow points from the text 'The center of the square is the intersection of the diagonals' to this intersection point.

1. 斜线填充部位为电气走线覆铜:

3. 材料性质为电解铜, 半对半材质 厚度0.05mm; (贴后壳背面, 保证粘性)

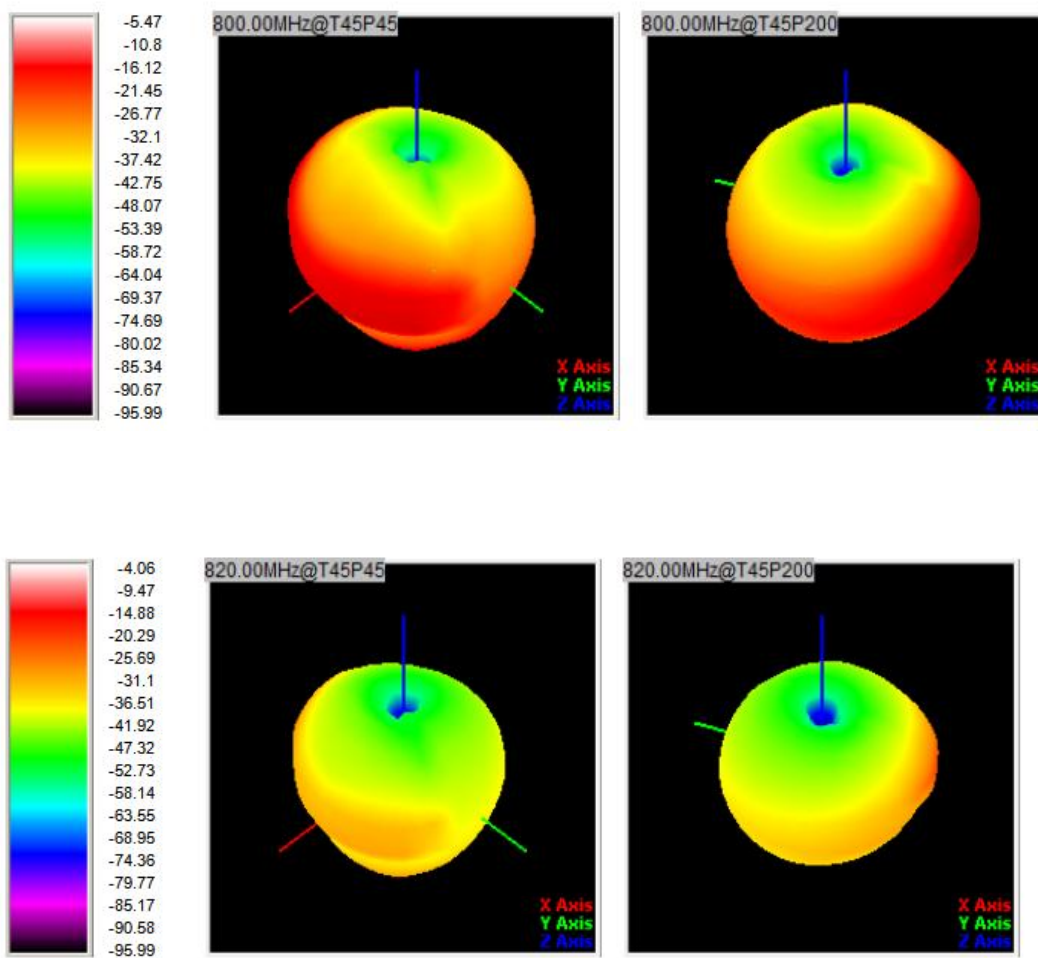
顏色: 灰黑色/暖白色	比例: 1:1	版本: A
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6. Antenna Gain

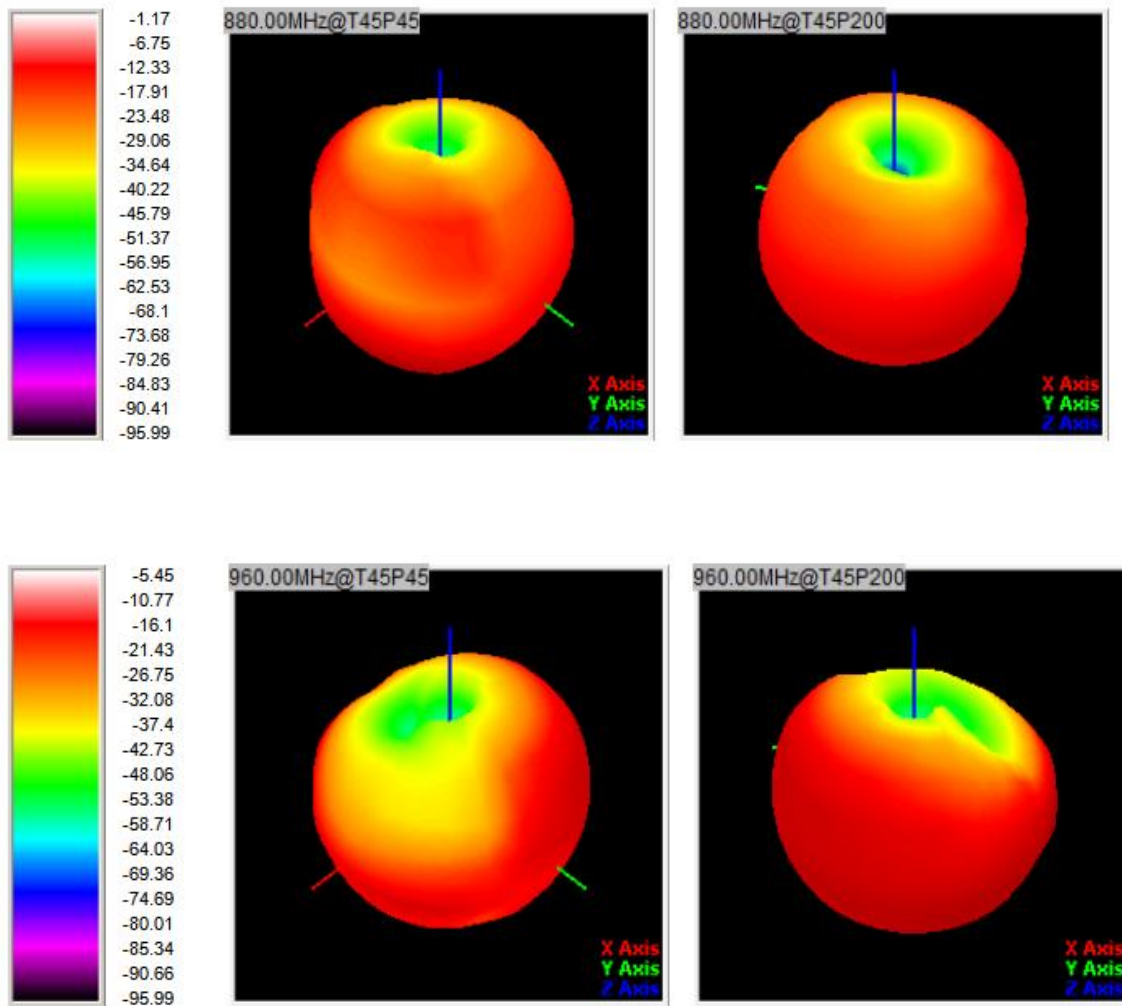
Frequency Band	Gain (dBi)
GSM850 (824-894MHz)	-2.35
GSM900 (880-960MHz)	-1.26
DCS1800 (1710-1880MHz)	0.15
PCS1900 (1850-1990MHz)	0.12
WCDMA850 (824-894MHz)	-2.35
WCDMA900 (880-960MHz)	-1.26
WCDMA1700 (1710-2155MHz)	0.17
WCDMA1900 (1850-1990MHz)	0.12
WCDMA2100 (1920-2170MHz)	0.15
FDD B 1 (1920-2170MHz)	0.16
FDD B 2 (1850-1990MHz)	0.12
FDD B 3 (1710-1880MHz)	0.15
FDD B 4 (1710-2155MHz)	0.18
FDD B 5 (824-894MHz)	-2.35
FDD B 7 (2500-2690MHz)	0.25
FDD B 8 (880-960MHz)	-1.26
FDD B 12 (699-746MHz)	-2.58
FDD B 17 (704-746MHz)	-2.56
FDD B 18 (815-875MHz)	-2.32
FDD B 19 (830-890MHz)	-2.33
FDD B 20 (791-862MHz)	-2.32
FDD B 25 (1850-1995MHz)	0.15
FDD B 26 (814-894MHz)	-2.30
FDD B 28 (703-803MHz)	-2.45
FDD B 66 (1700-2200MHz)	0.20

TDD B 34 (2010-2025MHz)	0.28
TDD B 38 (2570-2620MHz)	0.25
TDD B 39 (1880-1920MHz)	0.20
TDD B 40 (2300-2400MHz)	0.30
TDD B 41 (2496-2690MHz)	0.26

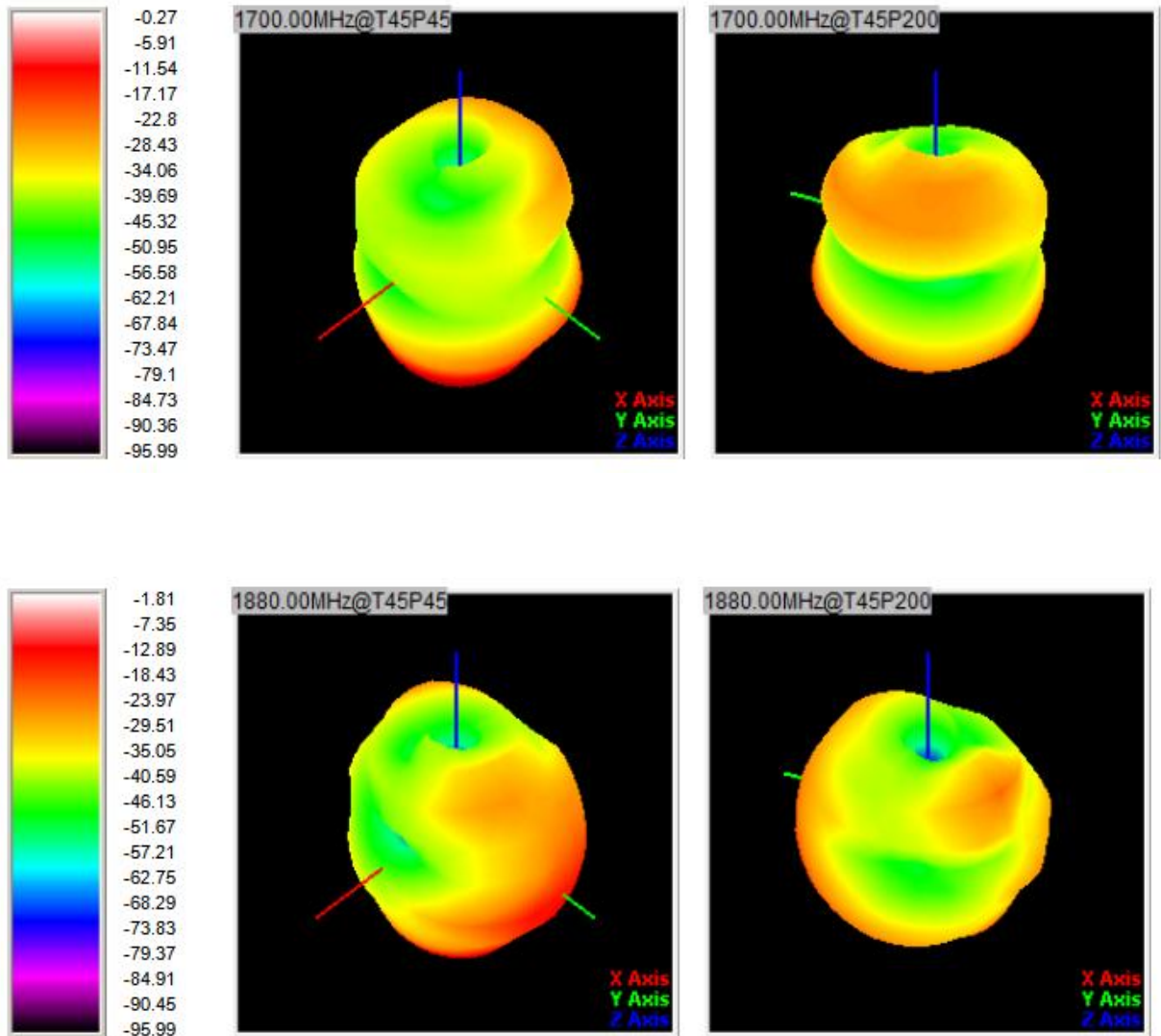
7. 3D Lobe Diagram (1)



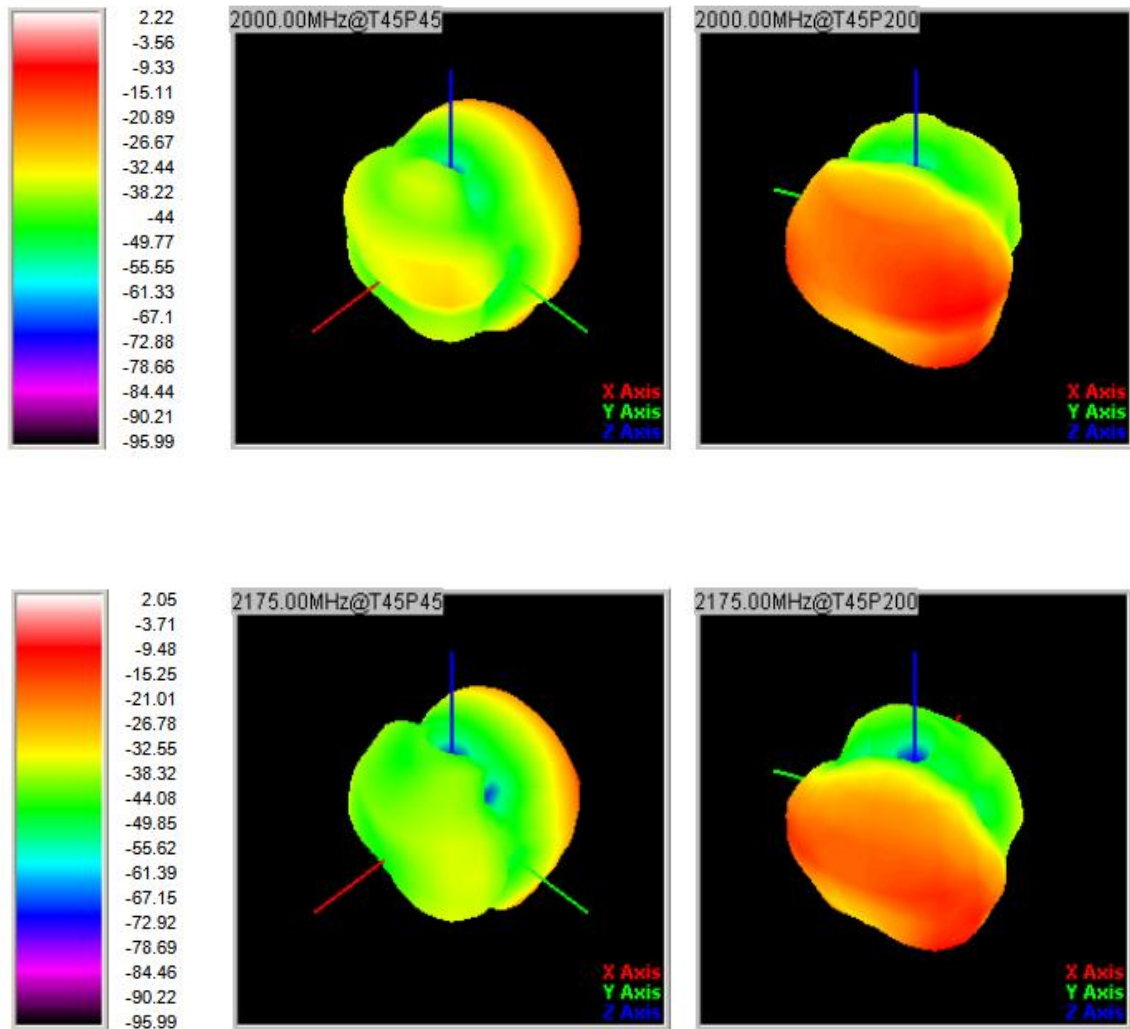
8. 3D Lobe Diagram (2)



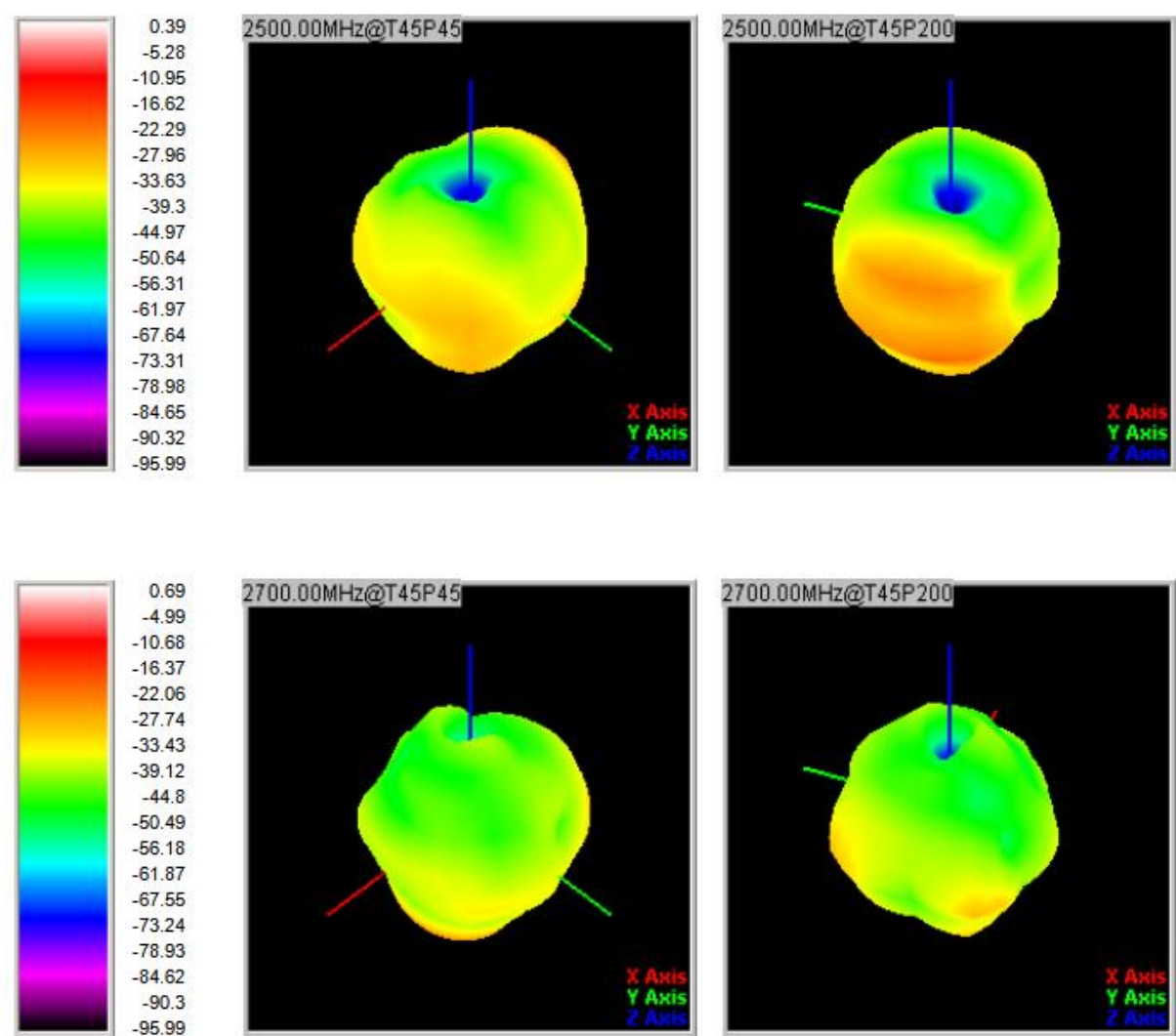
9. 3D Lobe Diagram (3)



10. 3D Lobe Diagram (4)



11. 3D Lobe Diagram (5)



12. NFC test data

Reader mode	Type1	32mm
	Type2	20mm
	Type3	32mm
	Type4	20mm
	Type5	38mm