

ShenZhen QiXinTongDa Technology Co., Ltd.

Antenna Specifications

Client Name: HUAYUE

Project Name: T1818MG

Frequency Band:FDD B2/4/5/12/17/66/71

RF: LI HAI LONG (137 6025 5827)

2026-05-15

Manufacturer: ShenZhen QiXinTongDa Technology Co., Ltd.

Address:Room 503, Building 211, Taian 9th Road, Taian Industrial Zone,
Chegongmiao, Futian District, Shenzhen City

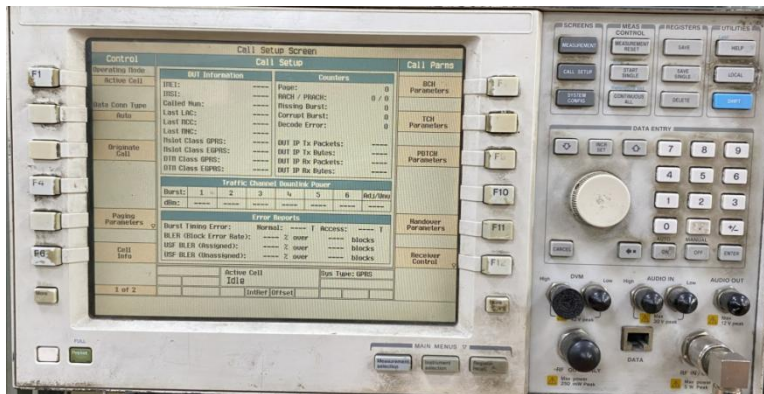
1. Test Project

	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)

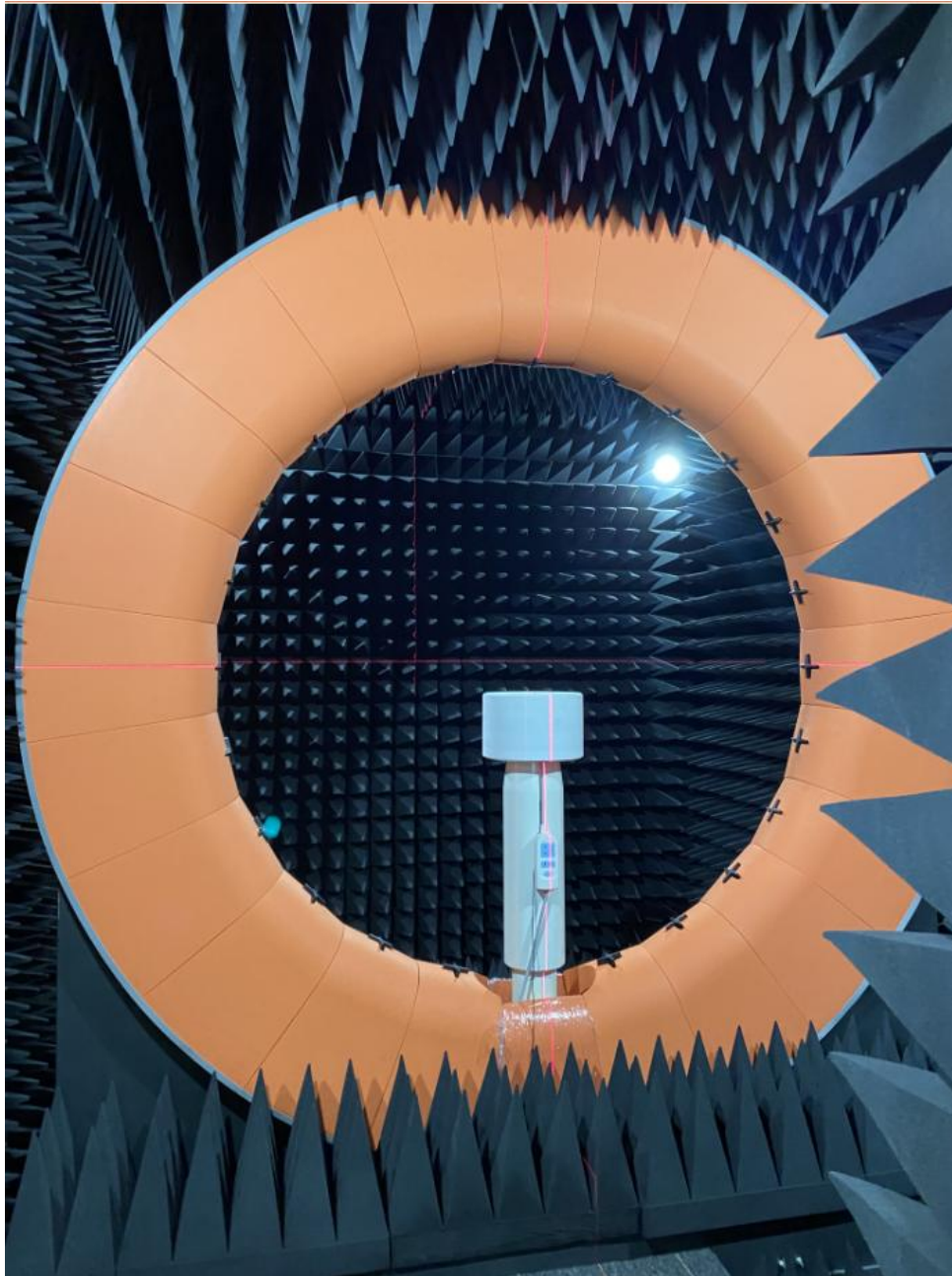


Agilent 8960 (2G/3G Test Equipment)



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

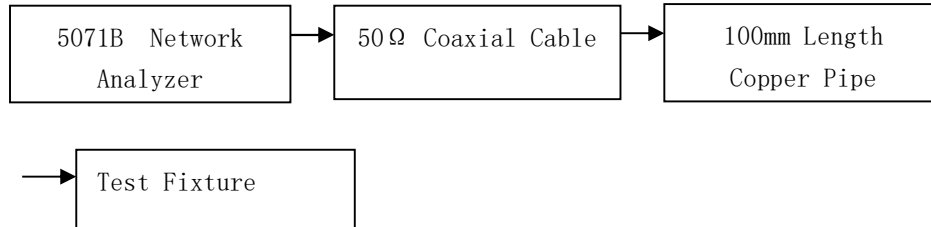
3. TestEnvironment



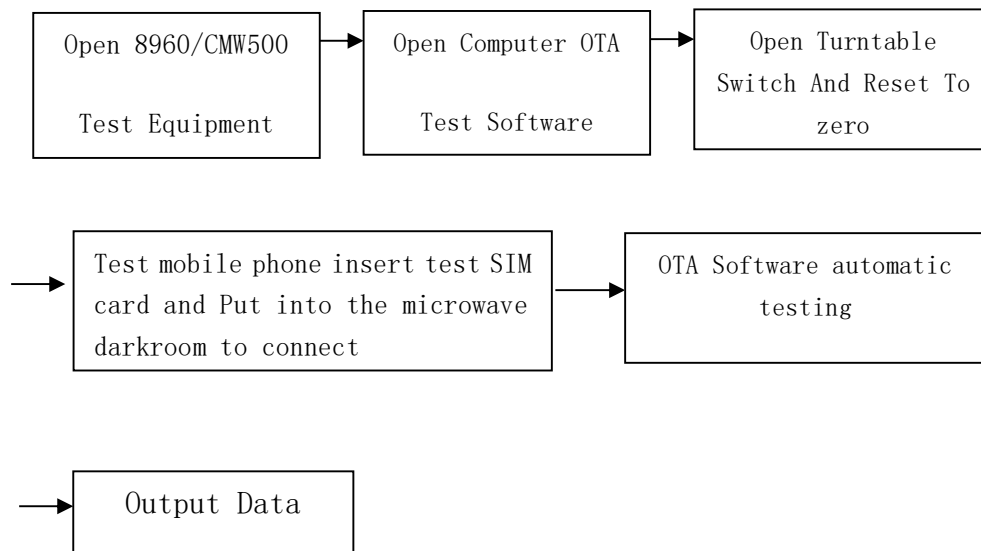
Anechoic Chamber

4. Test Steps

Passive VSWR/RL Test Steps:



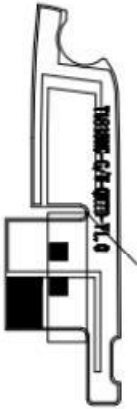
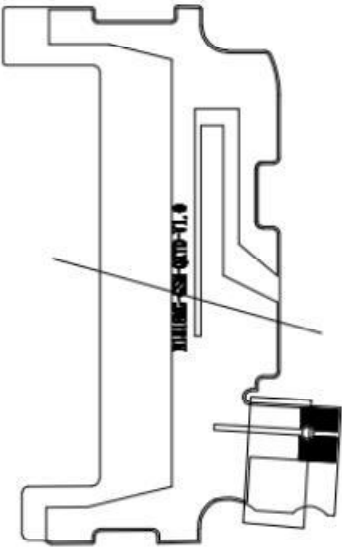
Active TRP/TIS Test Steps:



5. Antenna Dimensions

Unit:mm

FPC ANTENNA



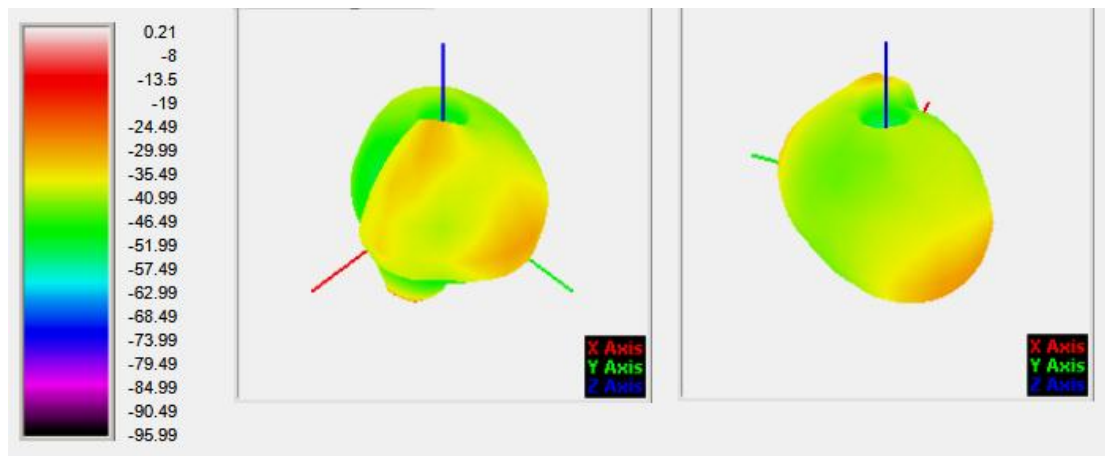
修改内容			修改者	修改日期

6. Antenna Gain

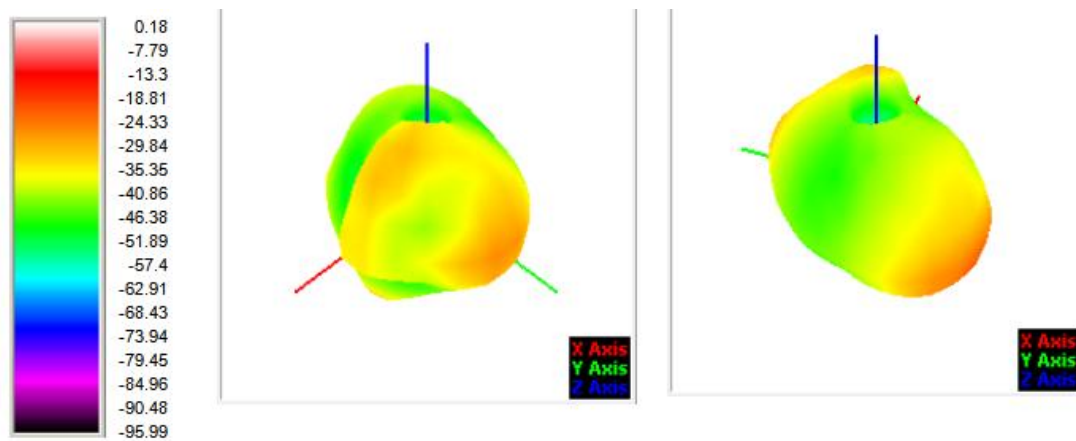
Frequency Band	Gain (dBi)
FDD B2 (1850-1990MHz)	0.21
FDD B4 (1710-2155MHz)	0.16
FDD B5 (824-894MHz)	-2.65
FDD B12 (699-746MHz)	-2.88
FDD B17 (704-746MHz)	-2.88
FDD B66 (1700-2200MHz)	0.18
FDD B71 (638-698MHz)	-2.88
Bluetooth	0.15
WIFI-2.4G	0.15
GPS	0.06

7. 3D Lobe Diagram

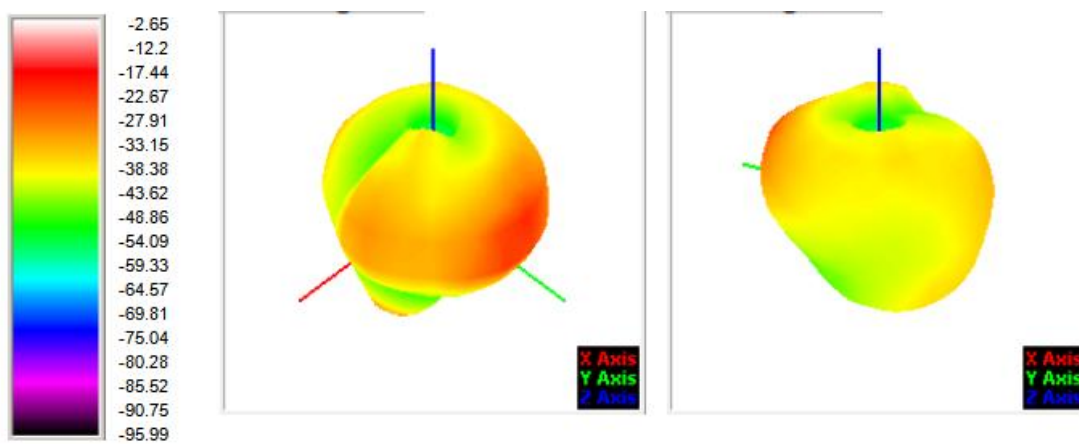
FDD-B2



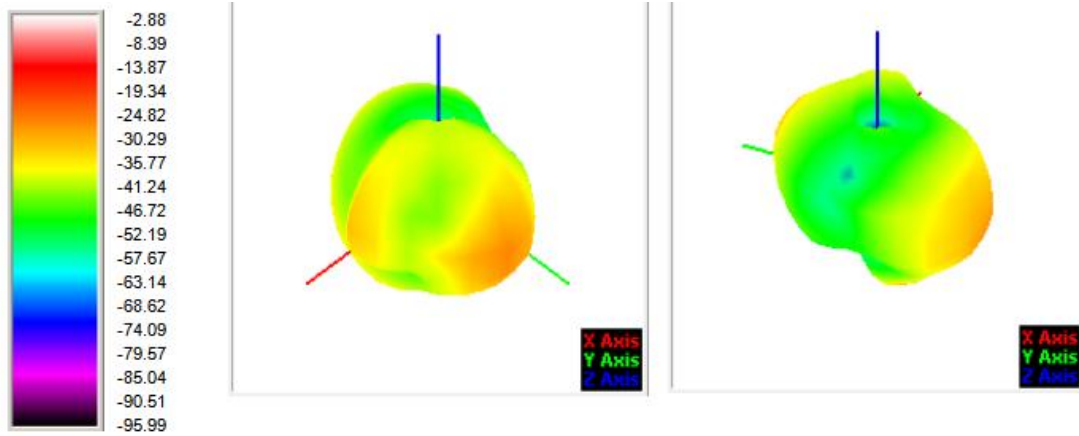
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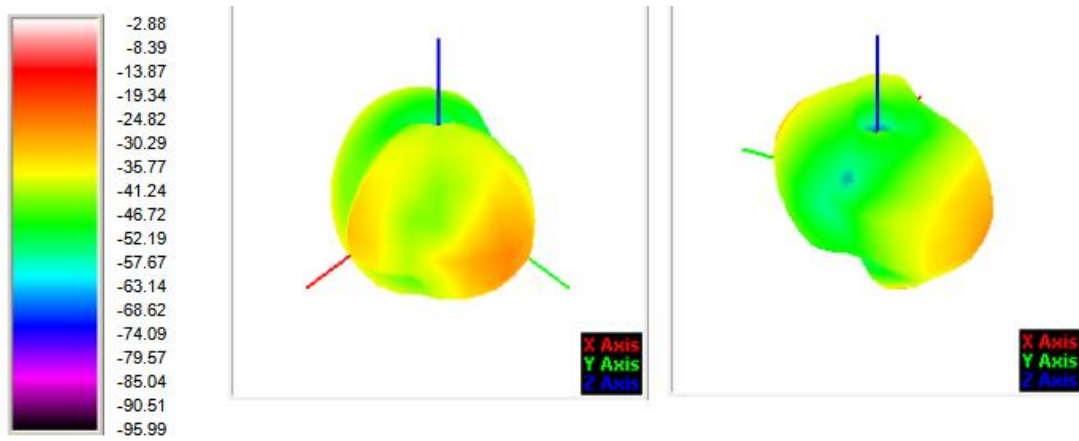
FDD-B5



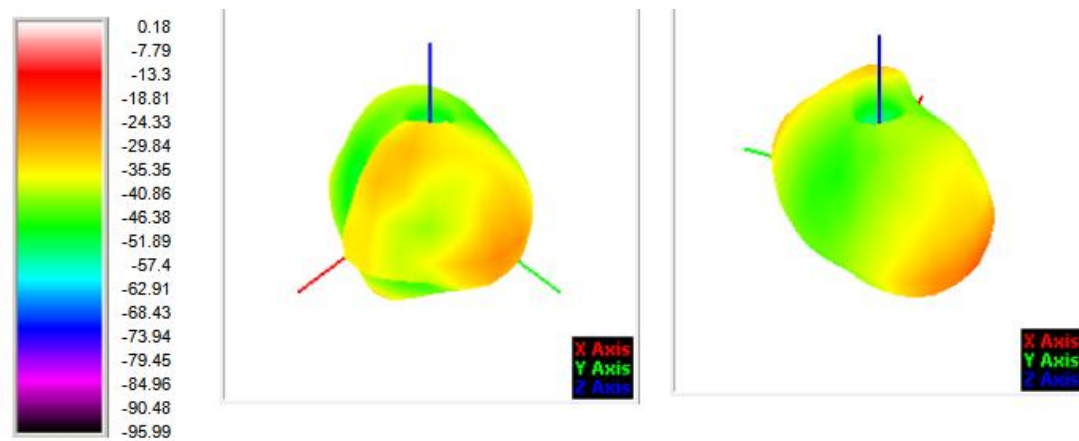
FDD-B12



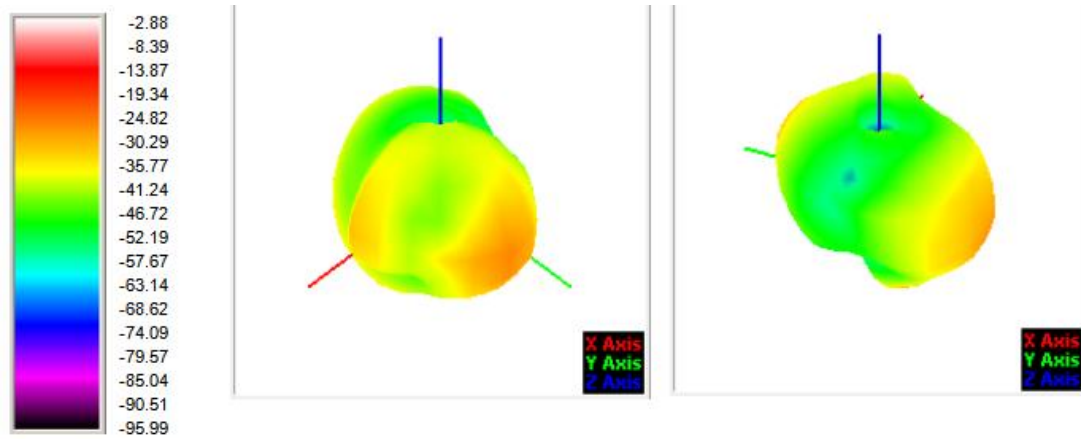
FDD-B17



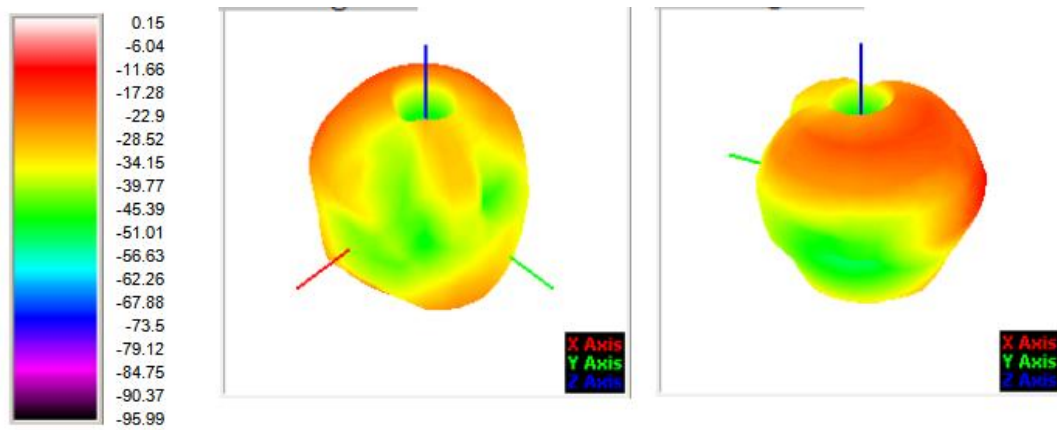
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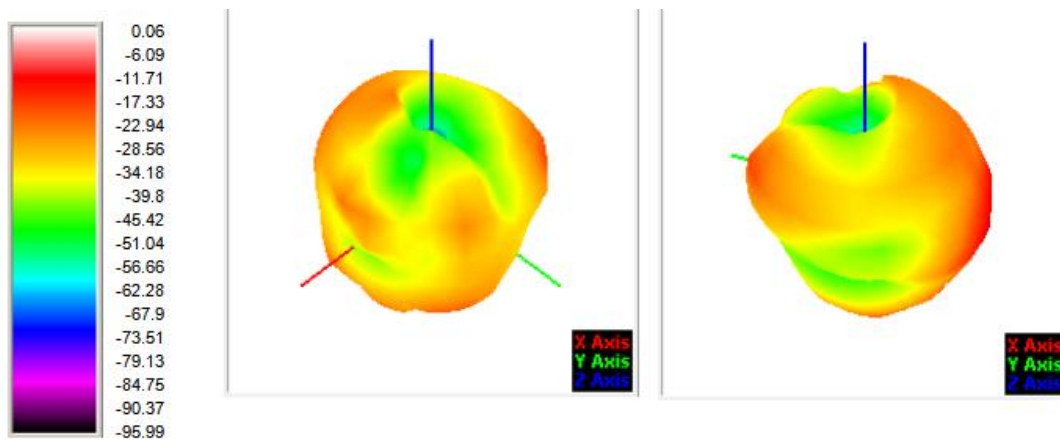
FDD-B71



WIFI/BT-2.4G



GPS-L1



9. Introduction to Antenna Information

T1818MG	
Antenna type and frequency band	MAIN ANTENNA (<u>PIFA</u>) : 2G/3G/4G DIV ANTENNA (<u>PIFA</u>) : 2G/3G/4G GPS/WIFI/BT ANTENNA (<u>PIFA</u>) : L1/2.4G/WIFI/BT
Antenna materia	FPC