

OTA REPORT

Applicant: 深圳市万丰科锐科技有限公司
Shenzhenshi Wanfeng Kerui Technology Co., Ltd
深圳龙华区龙华街富康社区东环一路良基大厦 5 楼 521 室

Address of Applicant: Room 521, 5th Floor, Liangji Building, Donghuan 1st Road, Fukang Community, Longhua Street, Longhua District, Shenzhen

Equipment Under Test (EUT)

Product Name: Tablet computer

Model No.: T5, T5 Pro, T5 Plus

Trade mark: RUGTAKE

Applicable standards: GTS-ANT D-H

Date of sample receipt: 2026/8/1

Date of Test: 2026/8/10

Date of report issued: 2026/9/15

Test Result: PASS



Tested by:

Date:

Test Engineer

Reviewed by:

Date:

Project Engineer

Lai Canhua

3 Contents

.....	1
.....	1
3 CONTENTS	3
4 GENERAL INFORMATION	4
4.1 CLIENT INFORMATION	4
4.2 GENERAL DESCRIPTION OF EUT	4
4.3 ENVIRONMENT OF TEST SITE	5
4.4 TEST SAMPLE PLAN	5
4.5 TEST LOCATION.....	5
5 INTRODUCTION	6
5.1 INTRODUCTION	6
5.2 OTA DUT POSITIONING	6
SPHERICAL COORDINATE SYSTEM	6
5.3 OTA MINIMUM REQUIREMENTS	6
6 SAR MEASUREMENT SYSTEM.....	7
6.1 TEST EQUIPMENT LIST	8
7 OTA TEST RESULTS SUMMARY	9
7.1 TRP/TIS DATA	9
APPENDIX A :ANT SIZE& PICTURE	9
APPENDIX B :PATTEN PLOTS.....	10

4 General Information

4.1 Client Information

Applicant:	深圳市万丰科锐科技有限公司 Shenzhenshi Wanfeng Kerui Technology Co., Ltd
Address:	深圳龙华区龙华街富康社区东环一路良基大厦 5 楼 521 室 Room 521, 5th Floor, Liangji Building, Donghuan 1st Road, Fukang Community, Longhua Street, Longhua District, Shenzhen
Manufacturer:	深圳市万丰科锐科技有限公司 Shenzhenshi Wanfeng Kerui Technology Co., Ltd
Address:	深圳龙华区龙华街富康社区东环一路良基大厦 5 楼 521 室 Room 521, 5th Floor, Liangji Building, Donghuan 1st Road, Fukang Community, Longhua Street, Longhua District, Shenzhen

4.2 General Description of EUT

Product Name:	Tablet computer		
Model No.:	T5, T5 Pro, T5 Plus		
Hardware Version:	OS_U 2.0		
Software Version:	RUGTAKE_T5 Pro_A16_V01_20260702		
Category of device	Portable device		
Modulation technology:	2G:	☒ RCM(QPSK)	☒ HSUPA(QPSK)
	3G	☒ RCM(QPSK)	☒ HSUPA(QPSK)
	4G:	☒ QPSK	☒ 16QAM
	5G:	☒ QPSK	☒ 16QAM
Antenna Type:	Internal Antenna		
Dimensions (L*W*H):			
Accessories information:			

Band		Mode	Name	Frequency	Antenna Type	Antenna Max Gain	
WiFi	☒ 802.11b/g/n	2.4GHz	Wi-Fi 4	2401-2495	PIFA	-0.39	dBi
	☒ 802.11a/n/ac	5GHz	Wi-Fi 5	4910-5895		3.28	
BT	☒ Bluetooth			2400-2500	PIFA	-0.39	dBi
GPS	☒ Gps L1 Band			1575.42	PIFA	2.24	dBi

4.3 Environment of Test Site

Temperature:	18°C ~25 °C
Humidity:	35%~75% RH
Atmospheric Pressure:	1010 mbar

4.4 Test Sample Plan

Sample Number	Used for Test Items
1#	OTA
Remark: SHENZHEN HENGXIANGTONG ANTENNA TECHNOLOGY CO., LTD. <i>is only responsible for the test project data of the above samples, and will keep the above samples for a month.</i>	

4.5 Test Location

SHENZHEN HENGXIANGTONG ANTENNA TECHNOLOGY CO., LTD. Add: 606, Building E, Enterprise Aviation Technology Innovation Research and Development Industrial Park, No. 1008, Songbai Road, Sunshine Community, Xili Street, Nanshan District, Shenzhen

5 Introduction

5.1 Introduction

OTA is related to the performance at which material structure of the antenna of the product. The OTA-distribution in a biological body is complicated and is usually carried out by experimental techniques or numerical modeling..

5.2 OTA DUT positioning

The OTA test positioning is performed with reference to the minimum requirements of the ETSI TS 137 544 - 4.3.1 standard.

Spherical coordinate system

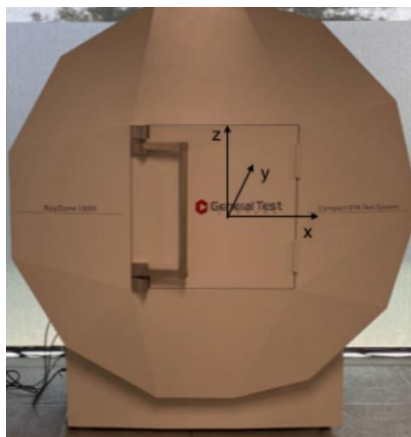


Figure 1 Test coordinate system

Note: Theta is from 0-180 degree. Phi is from EUT and record the Date, the step of rotation is 15 degree.

5.3 OTA Minimum Requirements

The OTA TRP test、OTA TRS test is performed requirements with reference to the minimum requirements of the ETSI TS 137 544 -6 standard.

6 SAR Measurement System

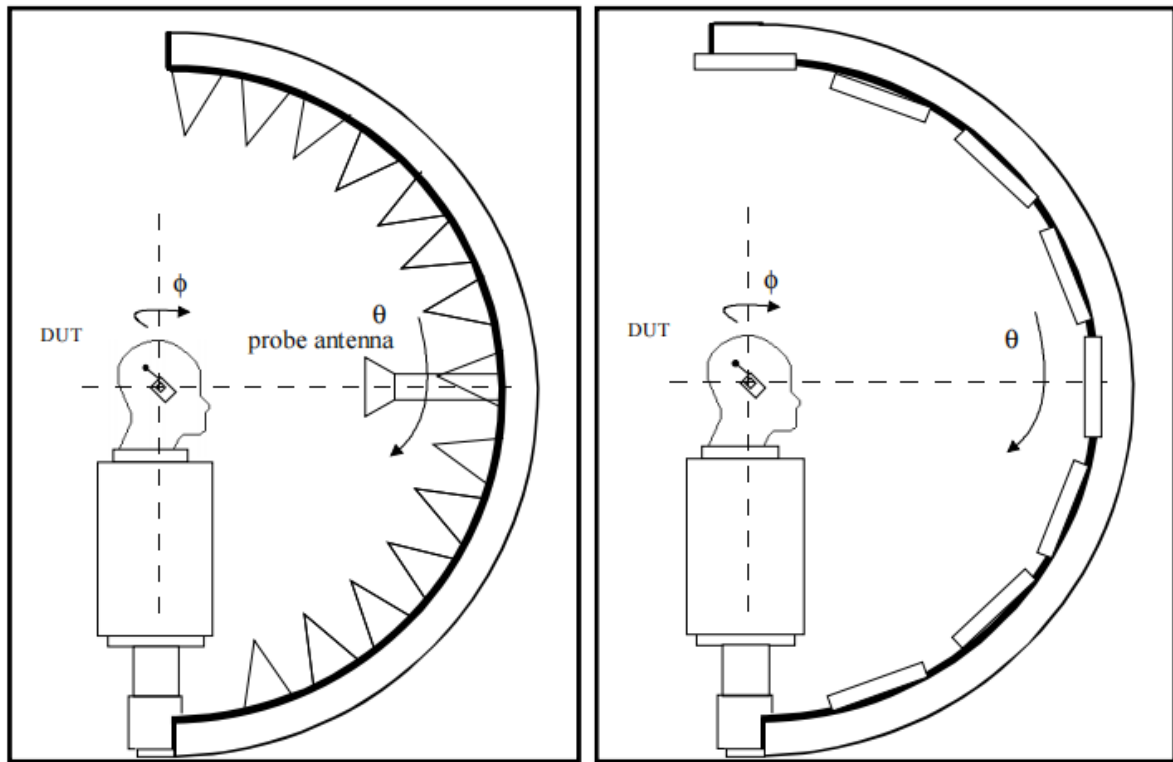
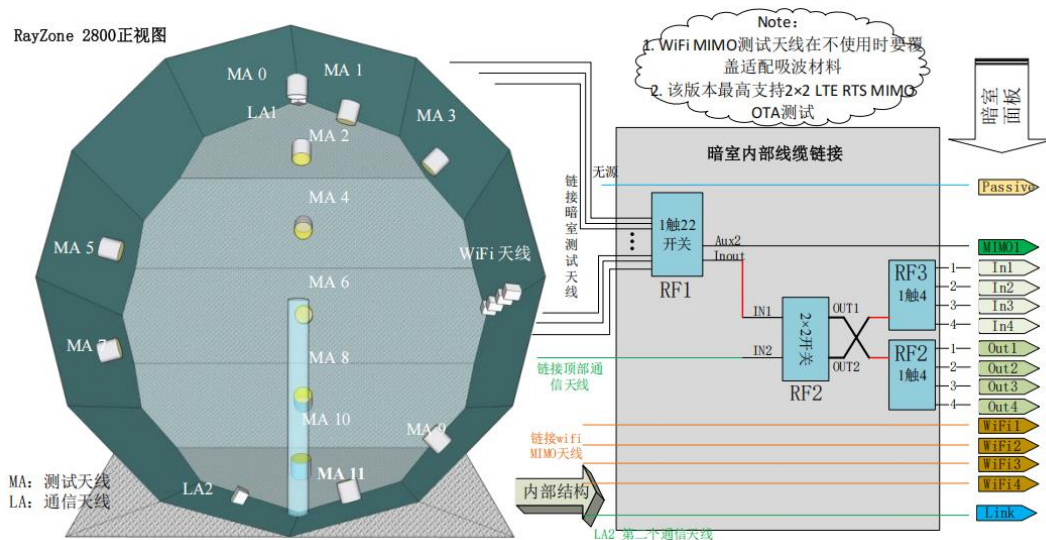


Fig.8.1 Spherical positioner system with a moving probe antenna (left), and with multiple probe antennas (right)



6.1 Test Equipment List

Manufacturer	Equipment Description	Model	Management Number	Cal. Information	
				Last Cal.	Due Date
R0HDE&SCHWARZ	CMW500 (测试设备)	CMW500	M406290298	10.28.2023	10.27.2026
Agilent	8960 (测试设备)	8960	MY47231243	10.28.2023	10.27.2026
MW Security AB	GTS-ANT D-H (暗室)	RayZone2800	01592C83	10.28.2023	10.27.2026

备注：以上设备清单至少包括如下：

1. 测试系统：，射频线、转台、发射天线、接收天线、信号发生器、网分功率计等

7 OTA Test Results Summary

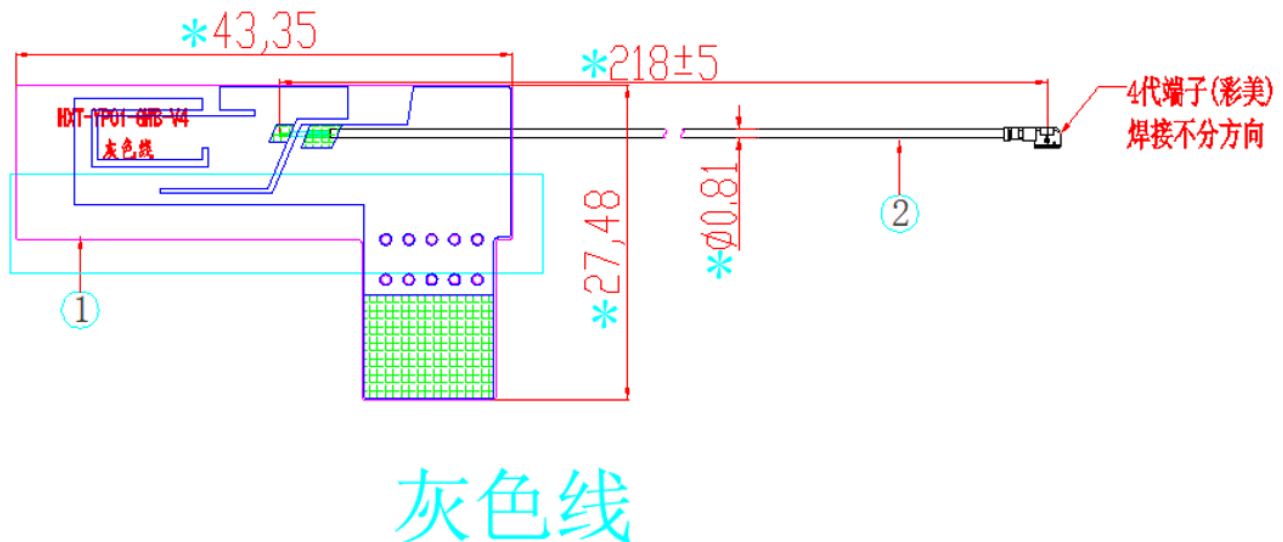
7.1 TRP/TIS Data

测试带宽	channel	TRP	TIS
802.11b : 11Mbps	1	13.43	-82.09
	7	13.38	-82.23
	13	13.06	-82.15
802.11a : 54Mbps	36	11.18	-71.68
	64	11.58	-71.13
	149	11.23	-71.31
	165	11.25	-71.24

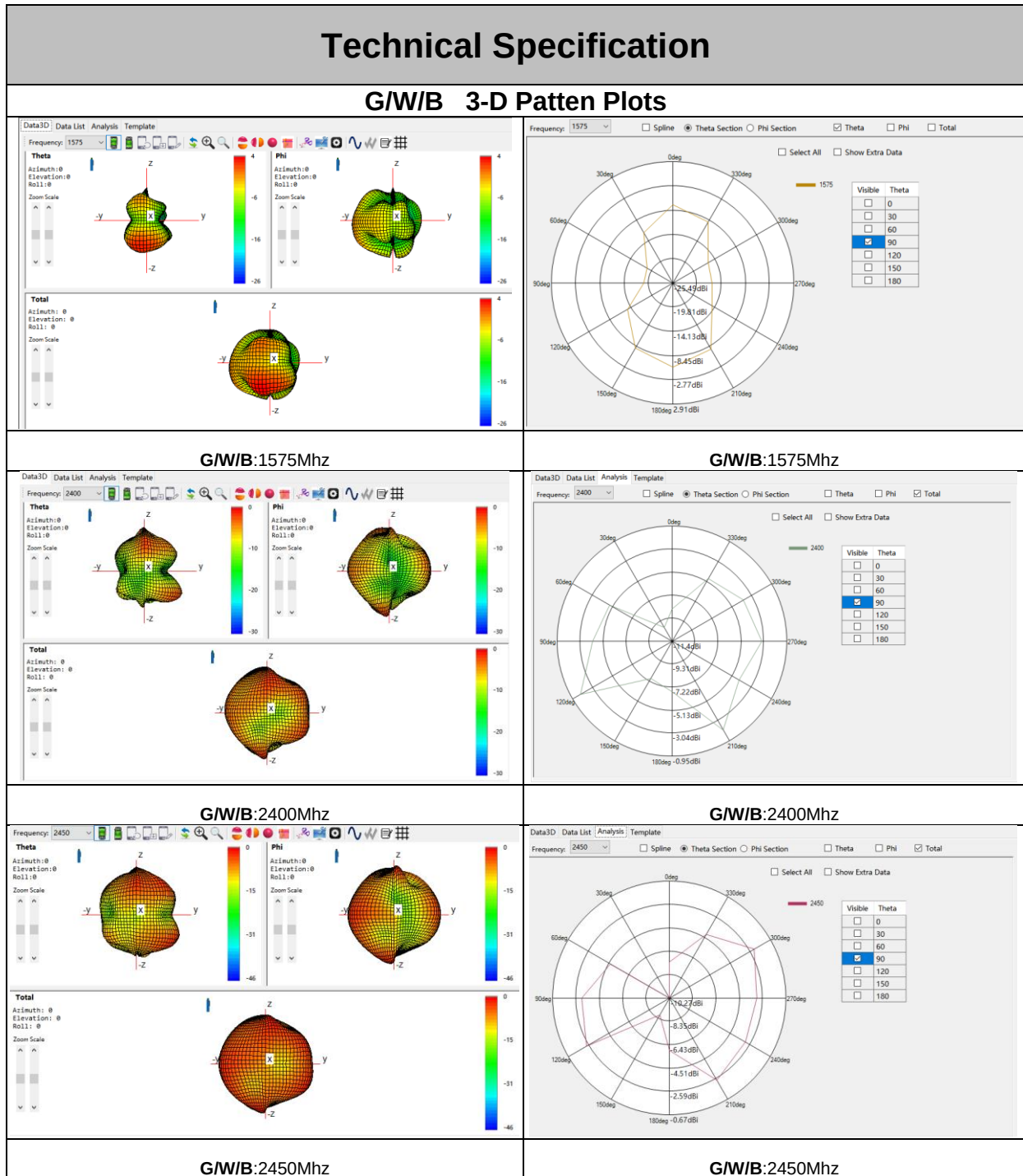
channel	TRP	TIS
0	2.56	-86.27
39	3.42	-86.59
78	3.02	-85.68

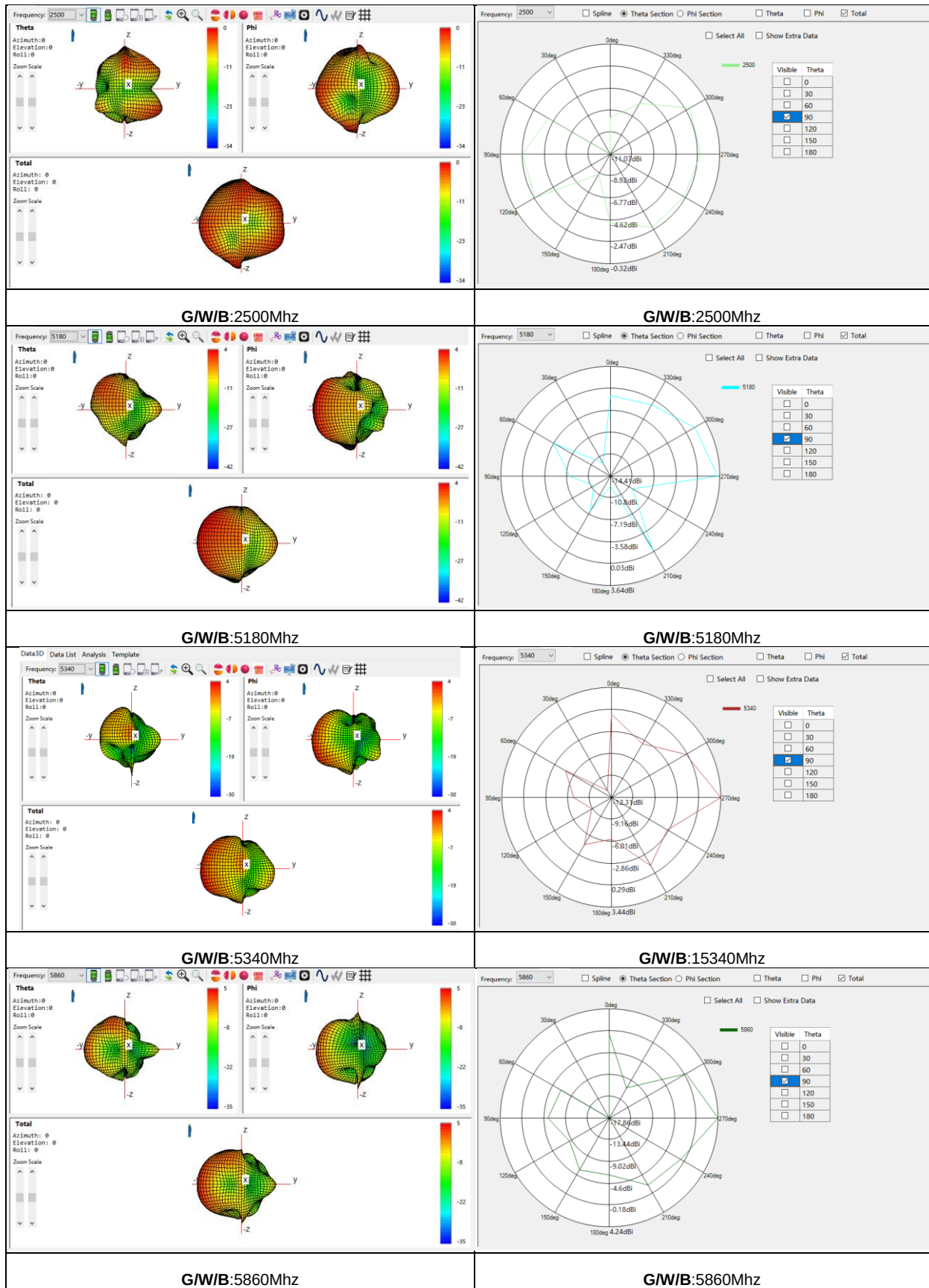
GPS	CN 值
L1	39.24

Appendix A :ANT Size& Picture



Appendix B :Patten Plots





-----End of report-----