

Antenna Report

DUT: Phone (3a)
Brand Name: NOTHING
Model Name: A059

1. Test Lab

Test	Antenna Test
Test Lab	BYD Precision Manufacture CO.,LTD OTA Lab
Operator	Gou Wenxiang
Signature	<i>Gou Wen Xiang</i>

2. Test Equipment

Equipment name	Brand	Model	SN	Calibration	SW
Network Analyzer	KEYSIGHT	E5071C	MY46528824	2024.02.21-2025.02.21	Version 1.15 Build 27347
ETS AMS8923 OTA System	ETS-LINDGREN	AMS-8923	/	2024.06.11-2025.06.11	/

3. Test Environment

Lab Temp: 23.5°C
Lab relative humidity: 39RH%

4. Antenna Information

Manufacturer: NOTHING TECHNOLOGY LIMITED
Address: Bedford House, 21A John Street, London, United Kingdom WC1N 2BF
Antenna Model: 24111

Antenna location&dimension

ANT Number	Antenna type	Dimension x(mm)	Dimension y(mm)	Bottom (mm)	Top (mm)	Right (mm)	Left (mm)
ANT 6	Metal frame	4.7	18.02	128.4	17.1	0	72.8
ANT 7	Metal frame	19.5	4.82	158.7	0	17.0	41.0

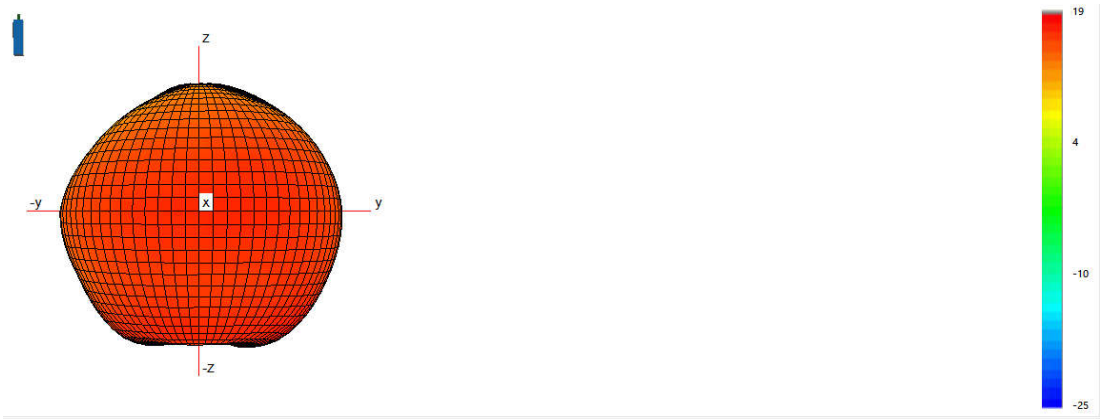
NFC /WPT Antenna Type: Loop Antenna Dimension: 49.79mm*21.67mm

5. Test Result

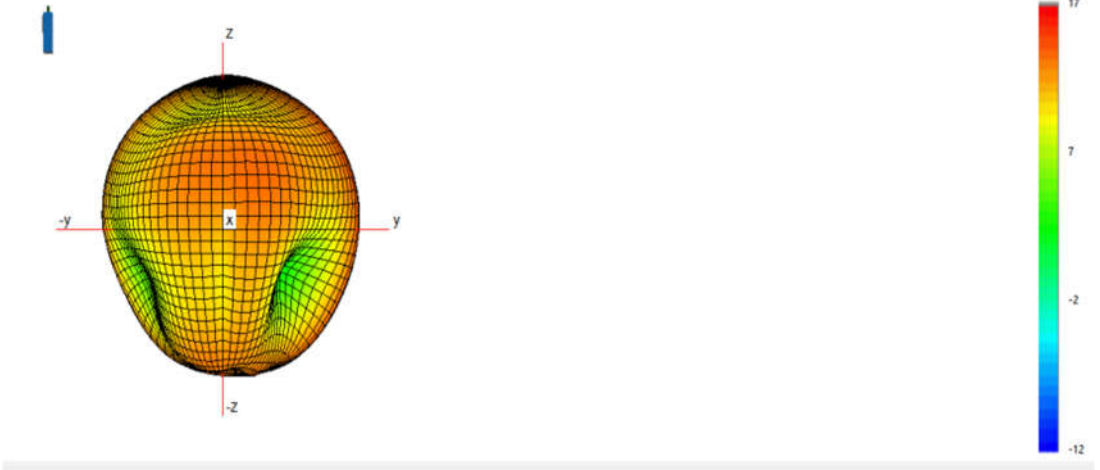
Band		Peak Gain(dBi)		
		ANT5	ANT6	ANT7
BT	2400~2483.5MHz	/	-0.58	-1.48
2.4G WiFi	2400~2483.5MHz	/	-0.58	-1.48
5G WiFi	5150~5250 MHz	-1.82	0.08	/
	5250~5350 MHz	-1.18	0.69	/
	5470~5725 MHz	-0.69	1	/
	5725~5850 MHz	-0.83	0.21	/
NFC	13.56MHz	/	/	/

Antenna Radiation Pattern:

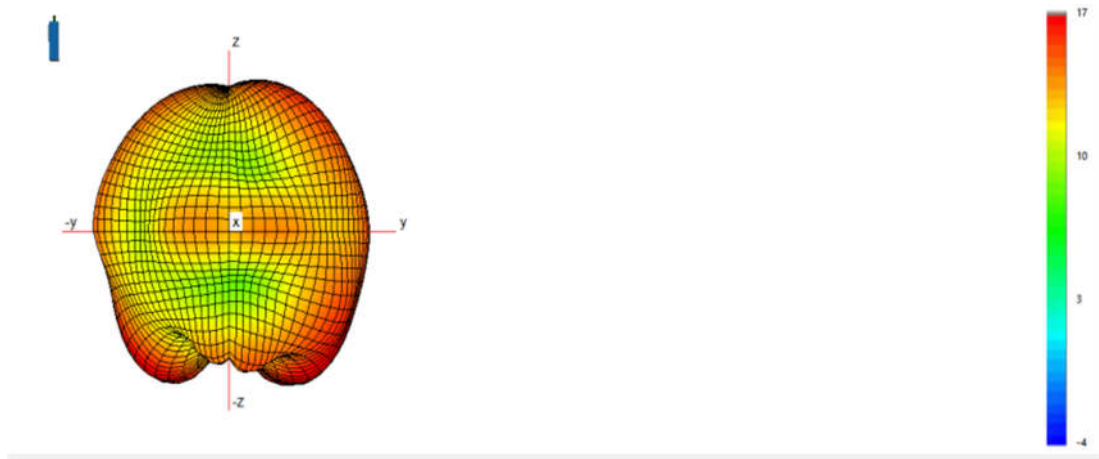
ANT6 WiFi 2.4G&BT Gain: -0.58dBi



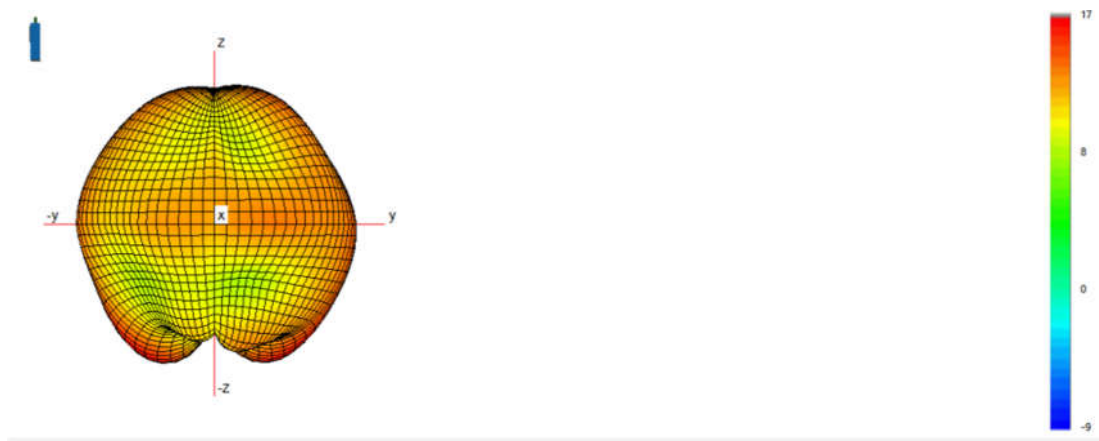
ANT7 WiFi 2.4G&BT Gain: -1.48dBi



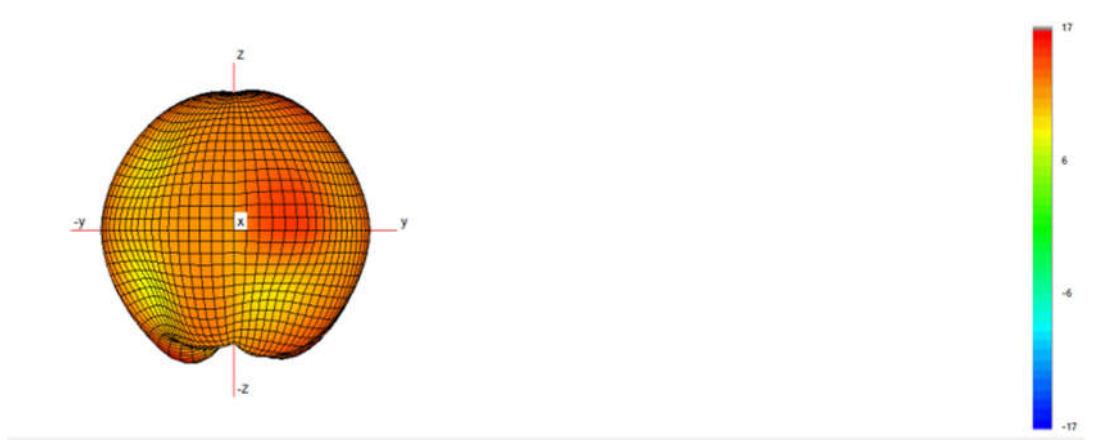
ANT5 WiFi 5G B1 Gain:-1.82dBi



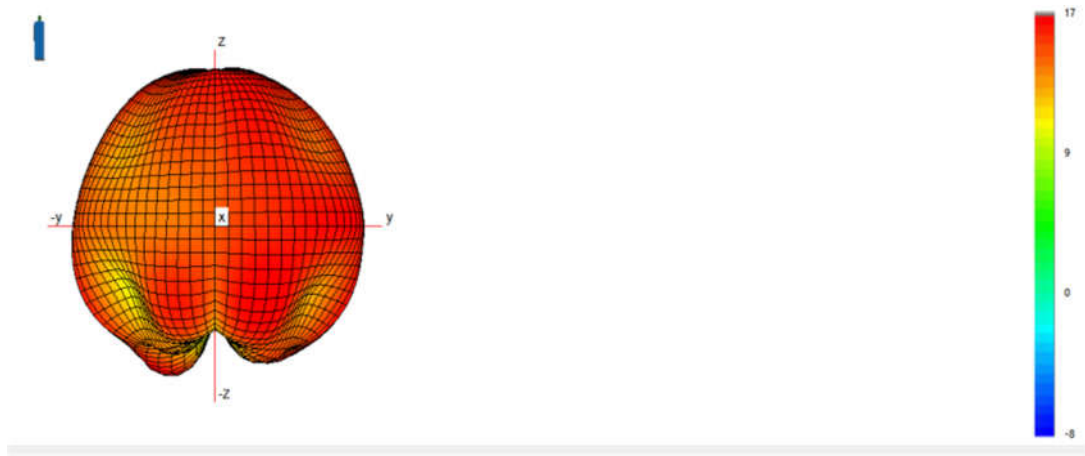
ANT5 WiFi 5G B2 Gain:-1.18dBi



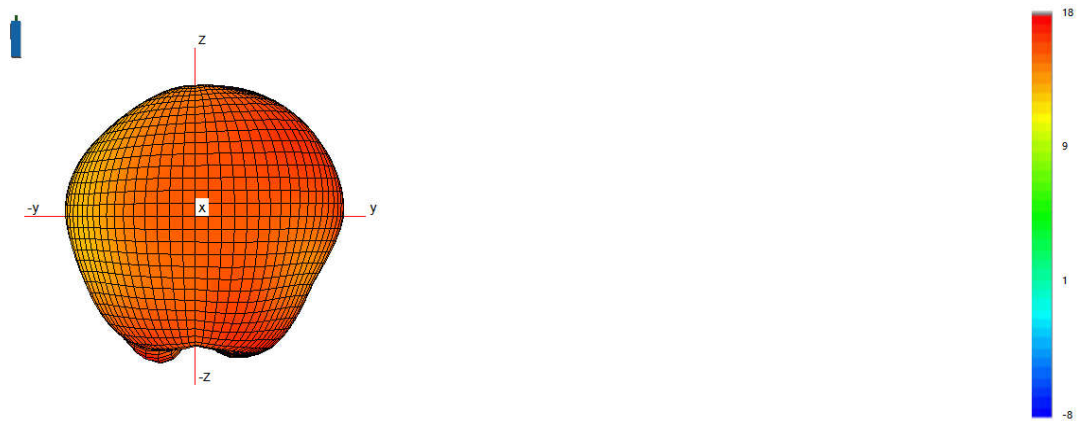
ANT5 WiFi 5G B3 Gain:-0.69dBi



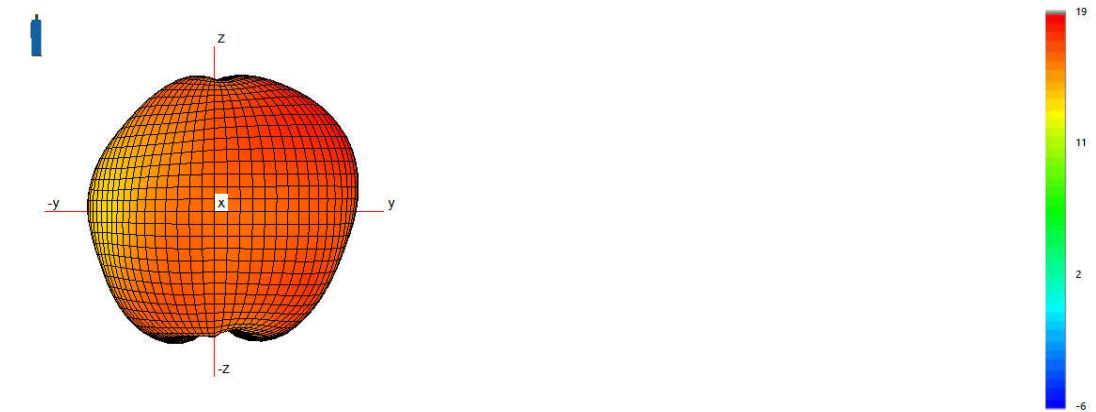
ANT5 WiFi 5G B4 Gain:-0.83dBi



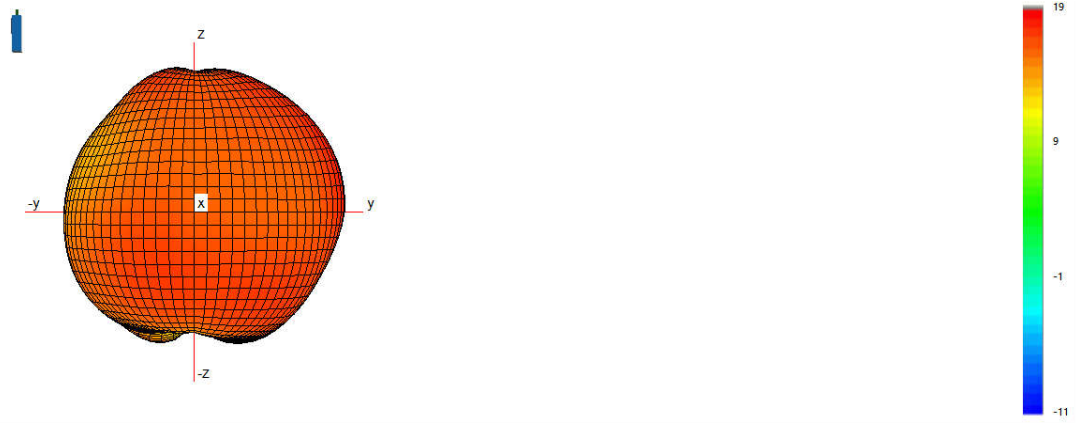
ANT6 WiFi 5G B1 Gain: 0.08dBi



ANT6 WiFi 5G B2 Gain: 0.69dBi



ANT6 WiFi 5G B3 Gain: 1dBi



ANT6 WiFi 5G B4 Gain: 0.21dBi

