



SPECIFICATION

Antenna Manufacturer Name	T2 Mobile (Shanghai) Limited
Address	Floor 6. Building C. No.232. liangjing Road, Zhangjiang High-tech Park, Shanghai 201203, China
ODM P/N:	
Test DATE	2025.07.14
DATASHEET REVISION	

2400MHz-2500MHz 5150MHz-5850MHz



EMQuest EMQ-100 Pattern Measurement Software

WIFI b, WIFI a 5925MHz-7125MHz



刘晗 Li Han

Test Engineer:



ZEBRA

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Description of Antenna

Frequency Range	2400MHz-2500MHz 5150MHz-5850MHz 5925MHz-7125MHz
Impedance	0ohm
Antenna type	IFA
Process	LDS (A0) ,FPC (A1)

WiFi and BT Antenna 0 Gain:

ANT0	GAIN
2400	-0.08
2410	0.03
2420	0.07
2430	0.13
2440	0.04
2450	0.03
2460	0.1
2470	0.11
2480	-0.05
2490	-0.13
2500	-0.33
5150	-1.05
5200	-0.77
5250	-0.51
5300	-0.78
5350	-0.36
5400	-0.57
5450	-1.09
5500	-1.02
5550	-0.71
5600	-1.06
5650	-0.81
5700	-0.48
5750	-0.14
5800	-0.37
5850	-1.09



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WiFi Antenna 1 Gain:

ANT1	GAIN
2400	0.54
2410	0.57
2420	0.61
2430	0.59
2440	0.63
2450	0.66
2460	0.75
2470	0.9
2480	0.97
2490	1
2500	0.96
5150	-0.26
5200	-0.86
5250	-1.51
5300	-1.58
5350	-1.72
5400	-2.13
5450	-1.67
5500	-1.07
5550	-1.42
5600	-1.29
5650	-0.92
5700	0.4
5750	-0.25
5800	-0.03
5850	0.08

Test Environment, list of calibrated test equipment

Test Equipment : CMW500

Last Calibration date: 2024/11/03

Next Calibration date: 2025/11/03

Test Equipment : 2090

Last Calibration date: 2024/11/03

Next Calibration date: 2025/11/03

Switch : Agilent 3499

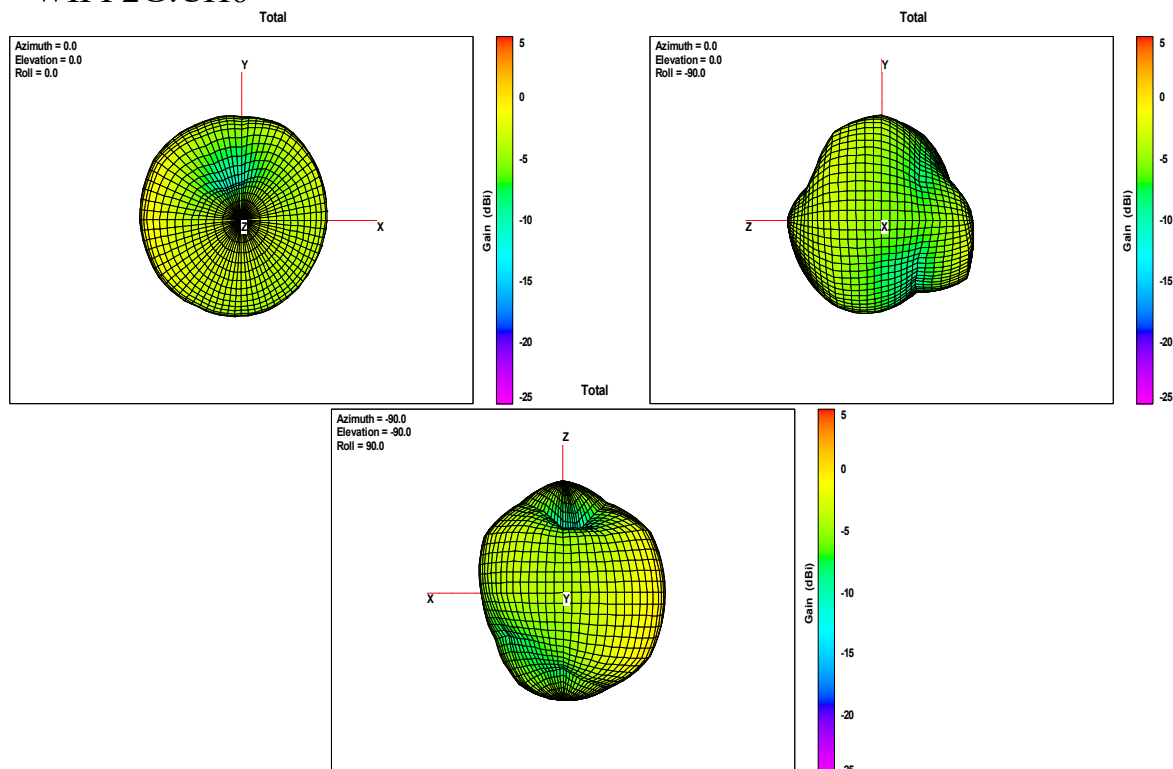
Last Calibration date: 2024/11/03

Next Calibration date: 2025/11/03

3D Radiation pattern

ANT0:

WIFI 2G:CH6

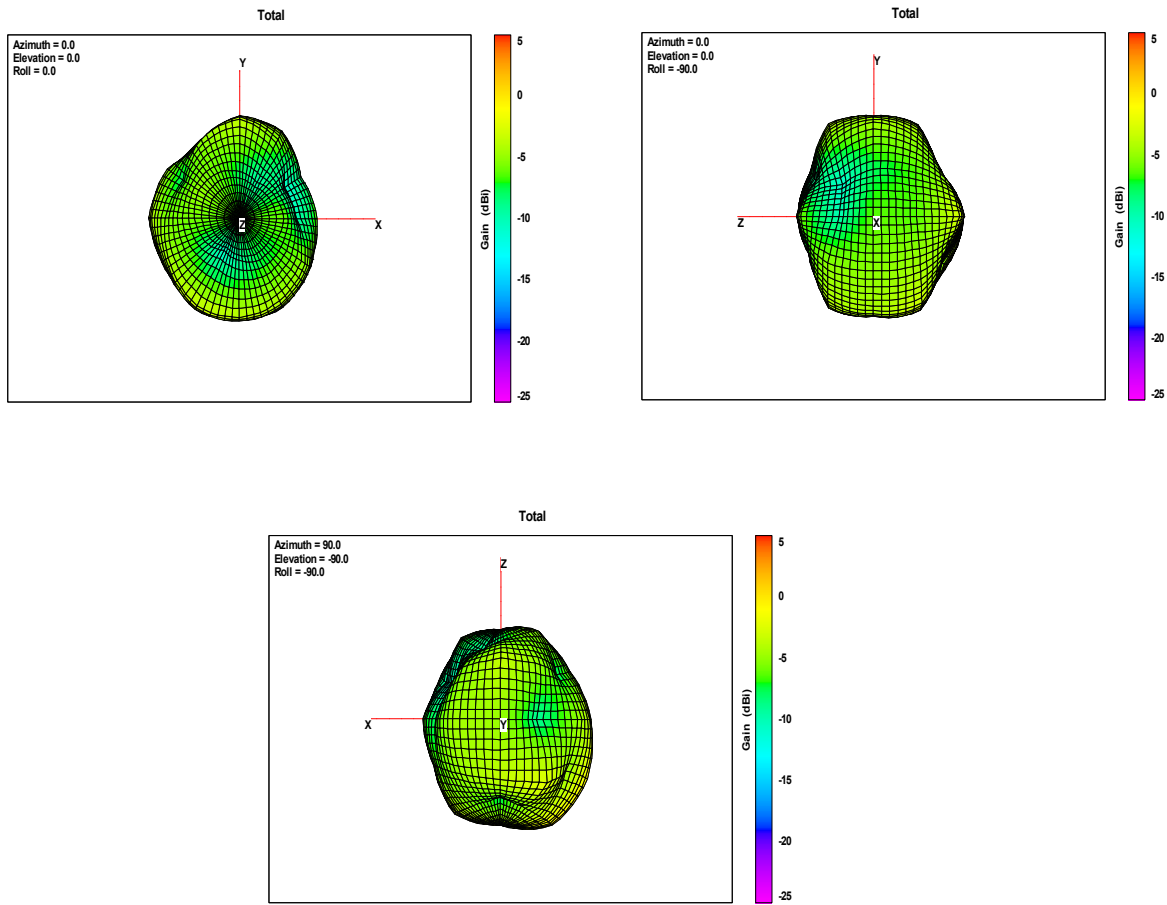




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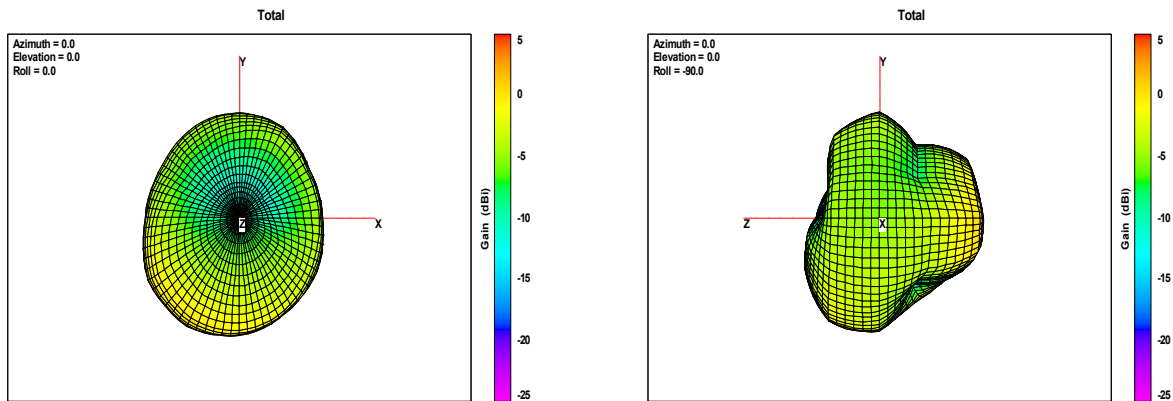
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WIFI 5G:CH64



ANT1

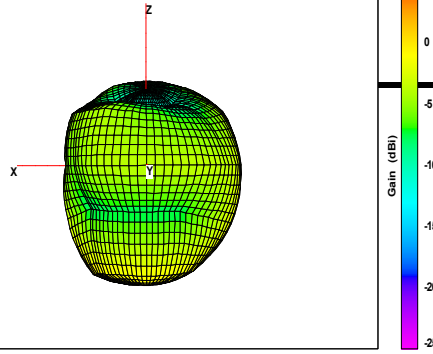
WIFI 2G:CH6





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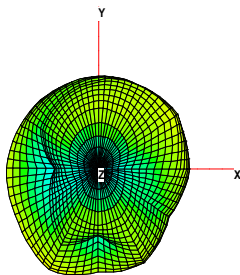
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Elevation = -90.0
Roll = 90.0



WIFI 5G:CH64

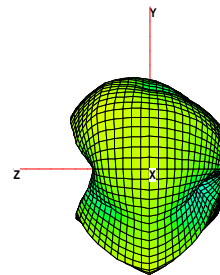
Total

Azimuth = 0.0
Elevation = 0.0
Roll = 0.0



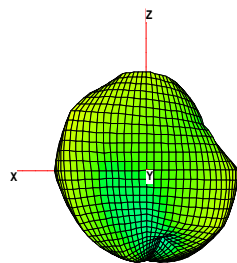
Total

Azimuth = 0.0
Elevation = 0.0
Roll = -90.0



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Roll = 90.0





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Address	Floor 6. Building C. No.232. liangjing Road, Zhangjiang High-tech Park, Shanghai 201203, China
ODM P/N:	F-0W-A0-1516-000-K0
Test DATE	2025.03.20
Ant. Type	Loop
Process	FPC+ Ferrite
Ant. size	409.5mm ²

Zou Saisai

邹赛赛

Test Engineer: