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# Antenna Reports

Company: Lenovo

Model name: TB311FU

Issue date: 2024/8/8

Documented by: \_

徐永康

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## Antenna Summary Table

Check items	Information
Provided by lab	Ruide lab (GTS 2800)
Manufacturer/ Brand name	Etheta Communication Technology (Shenzhen) CO.,Ltd Add:Area B,Floor 3,Building 1,Baisha Technology Industrial Park,Shahe West Road,Nanshan District, Shenzhen
Model name (Part number)	TB311FU
Test environment	(GTS 2800)GTS MaxSign Libra Version-1.1.13
List of calibrated test equipment	(GTS 2800)with calibrated date: 11/3/2024
Antenna detail info.	ANT: WiFi2.4G / 5G antenna (2.4~2.5GHz, 5.15~5.85GHz), Bluetooth 2.4G antenna PIFA type antenna.
Antenna gain test data	Included antenna frequency, gain pattern

Note: Antenna gain was measured in the anechoic chamber, 3D scan was exercised, and the highest numbers are reported in this document.

## Antenna Test data:

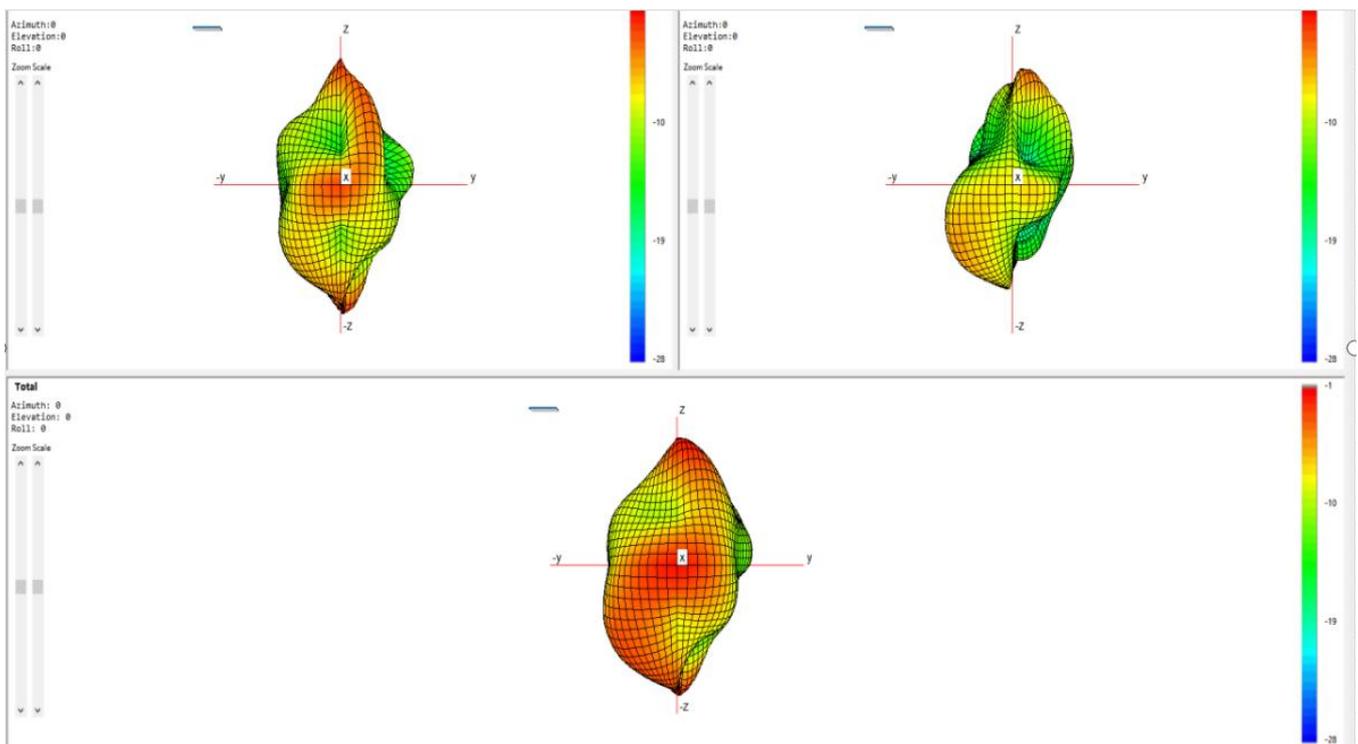
Antenna model name: P272 Antenna

Antenna type: PIFA

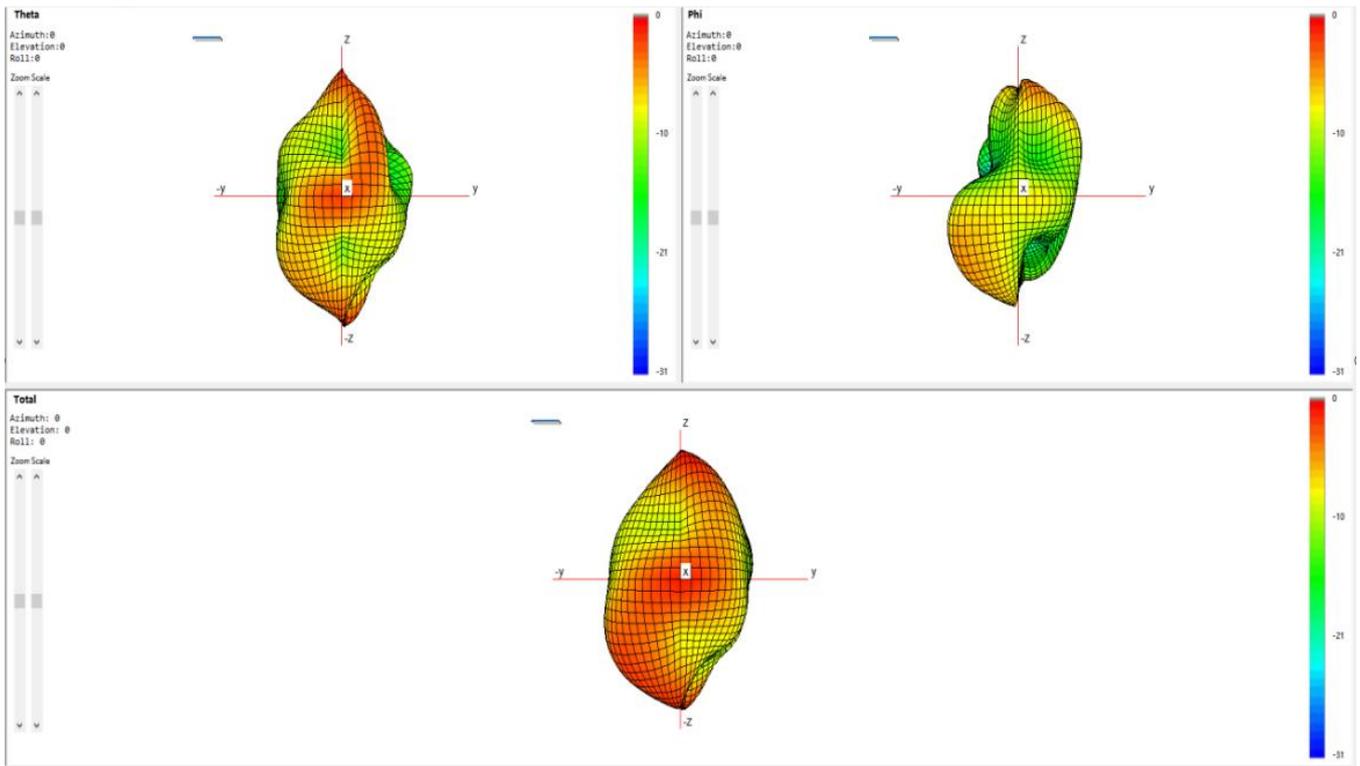
Antenna Gain (dBi)		WIFI	Antenna Type
2.4G WiFi	2400~2483.5MHz	-0.24	PIFA(Inverted F Antenna)
5G Wifi	5150~5250 MHz	1.25	PIFA(Inverted F Antenna)
	5250~5350 MHz	1.25	PIFA(Inverted F Antenna)
	5470~5725 MHz	1.25	PIFA(Inverted F Antenna)
	5725~5850 MHz	1.25	PIFA(Inverted F Antenna)
BT	2400~2483.5MHz	-0.24	PIFA(Inverted F Antenna)

(Rear view– Front view)

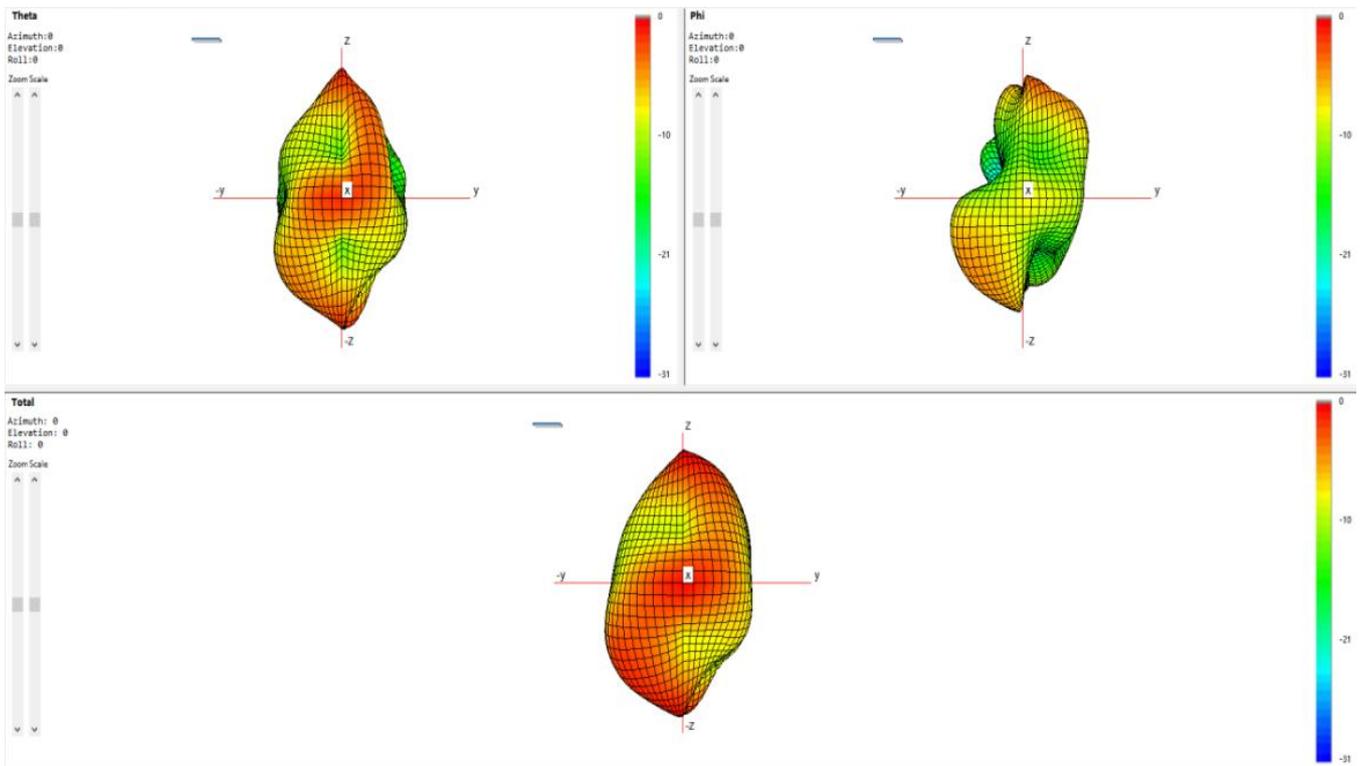
WIFI 2.4G (2412 MHz)



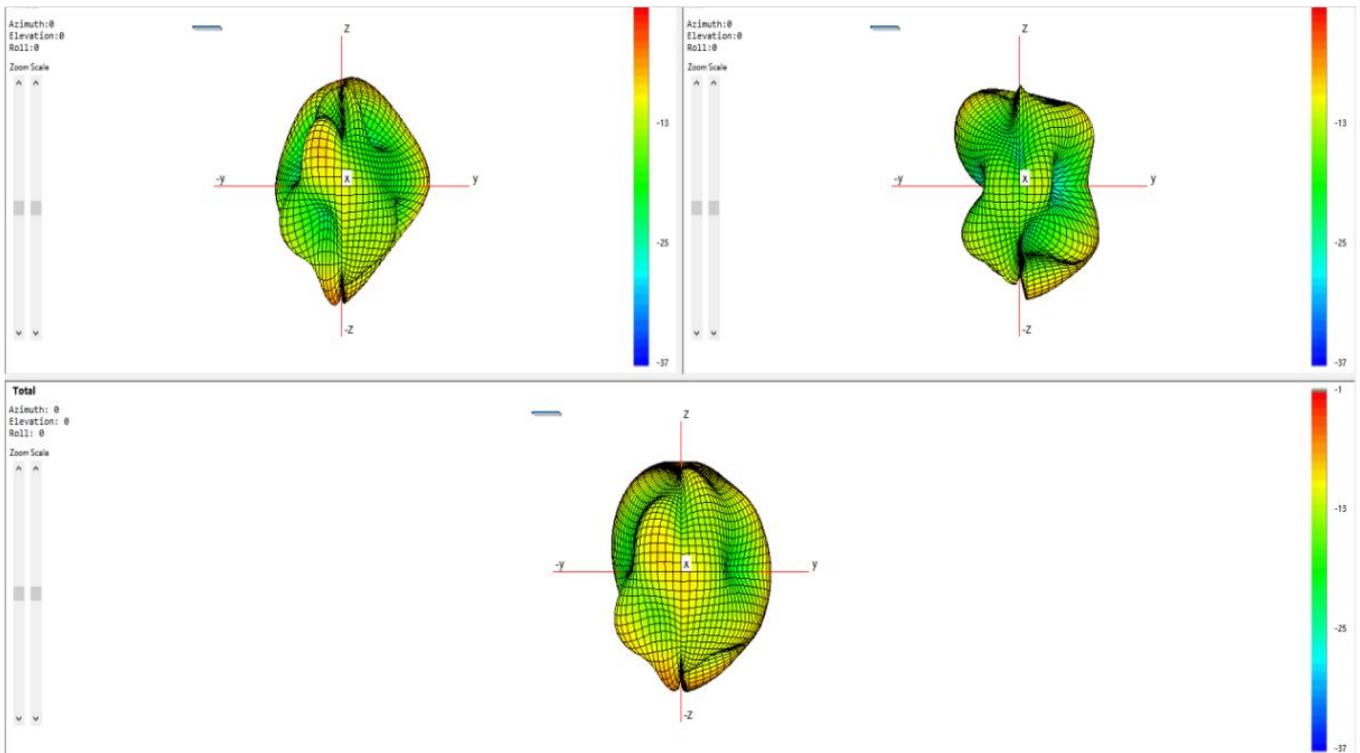
## WIFI 2.4G (2442 MHz)



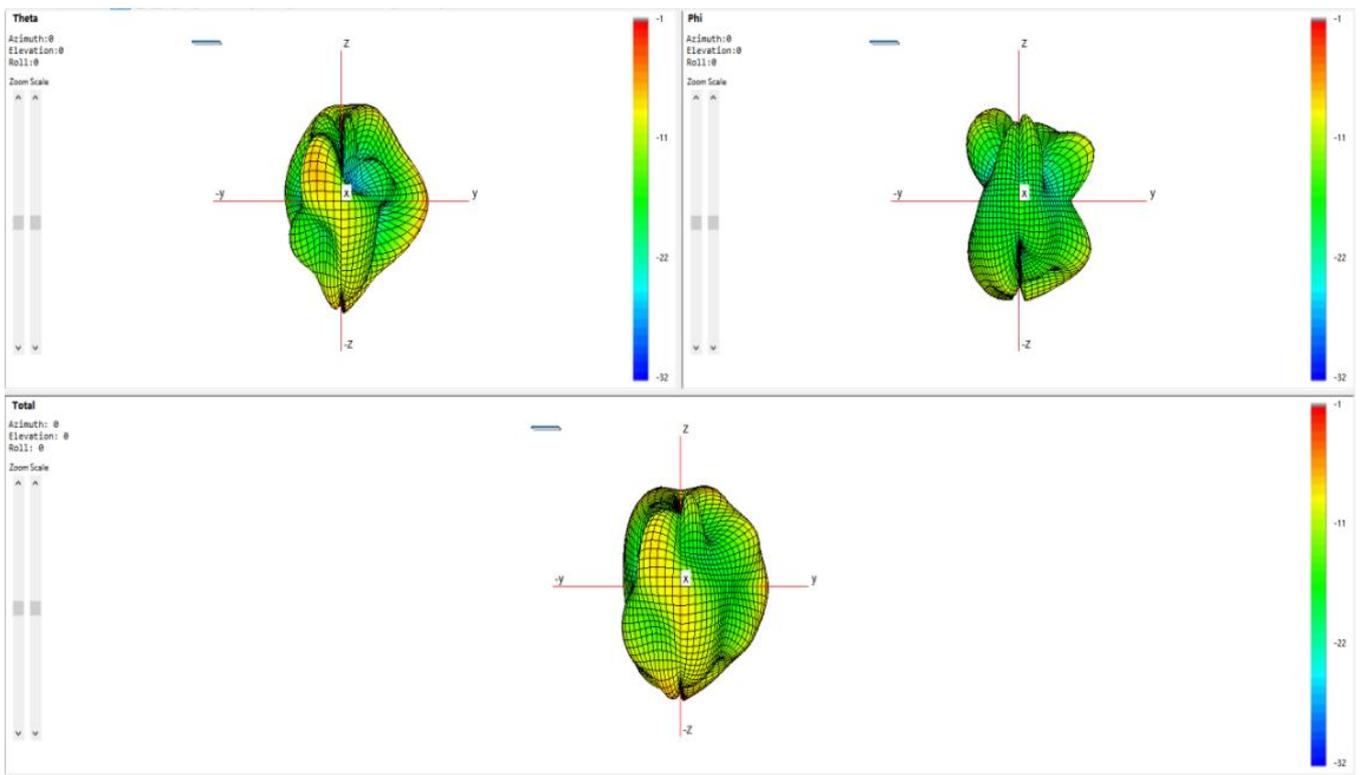
## WIFI 2.4G (2472 MHz)



## WIFI 5G (5180 MHz)



## WIFI 5G (5745 MHz)



## WIFI 5G (5805 MHz)

