Antenna Reports

Company: Lenovo

Model name: TB311FU

Issue date: 2024/8/8

Documented by:_

Antenna Summary Table

Check items	Information		
Provided by lab	Haitong lab (GTS 2800)		
Manufacturer/ Brand	Zhejiang Haitong Communication Electronics Co., Ltd.		
name	Add: 1/F, Building C5, Kangqiao Business Park,		
	No.2555 Xiu Pu Road, Pudong New Area, Shanghai.		
Model name (Part	TB311FU		
number)			
Test environment	(GTS 2800)GTS MaxSign Libra Version-1.1.13		
List of calibrated test	(GTS 2800) with calibrated date: 11/3/2024		
equipment			
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:

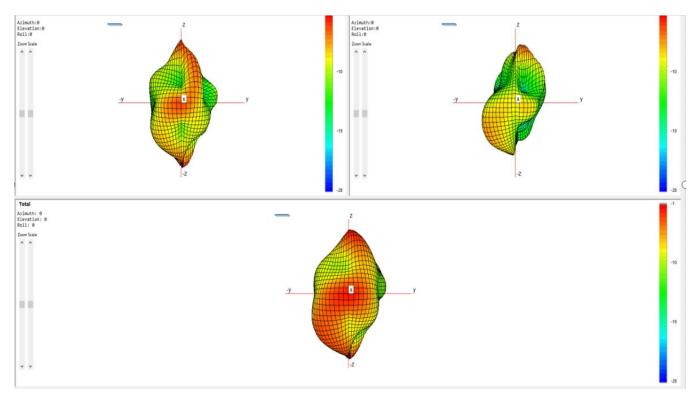
Antenna model name: P272 Antenna

Antenna type: PIFA

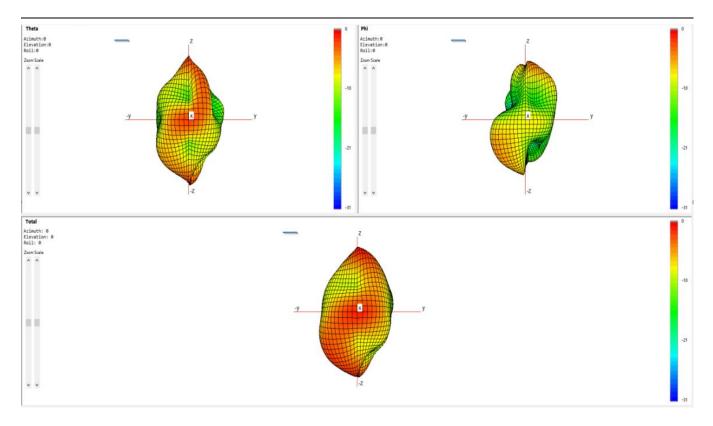
Antenna Gain (dBi)		WIFI	Antenna Type
2.4G WiFi	2400~2483.5MHz	-0.24	PIFA(Inverted
			F Antenna)
5G Wifi	5150~5250 MHz	1.25	PIFA(Inverted
			F Antenna)
	5250~5350 MHz	1.25	PIFA(Inverted
			F Antenna)
	5470~5725 MHz	1.25	PIFA(Inverted
			F Antenna)
	5725~5850 MHz	1.25	PIFA(Inverted
			F Antenna)
ВТ	2400~2483.5MHz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

(Rear view– Front view)

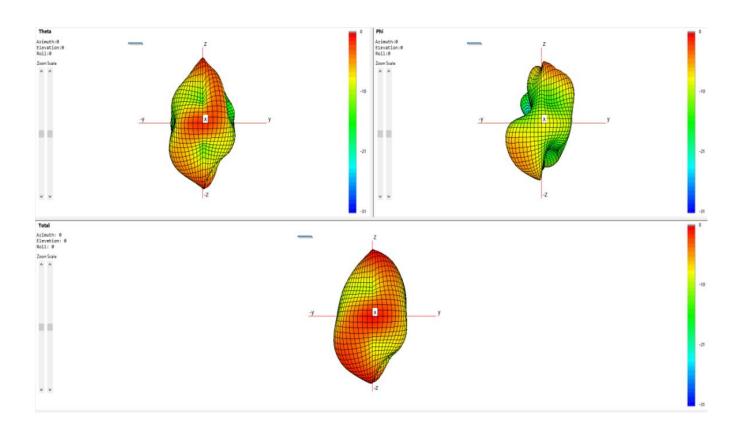
WIFI 2.4G (2412 MHz)



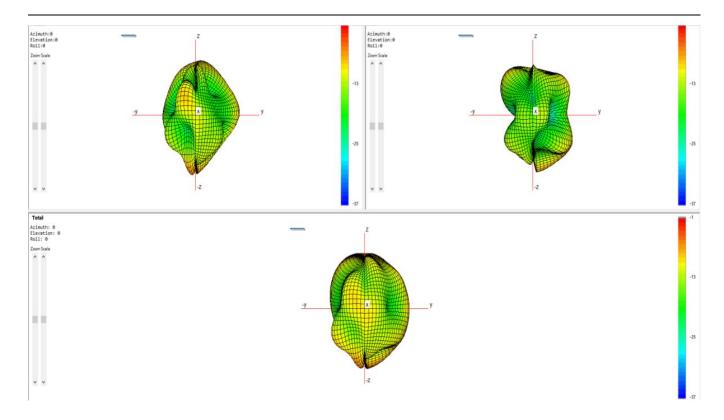
WIFI 2.4G (2442 MHz)



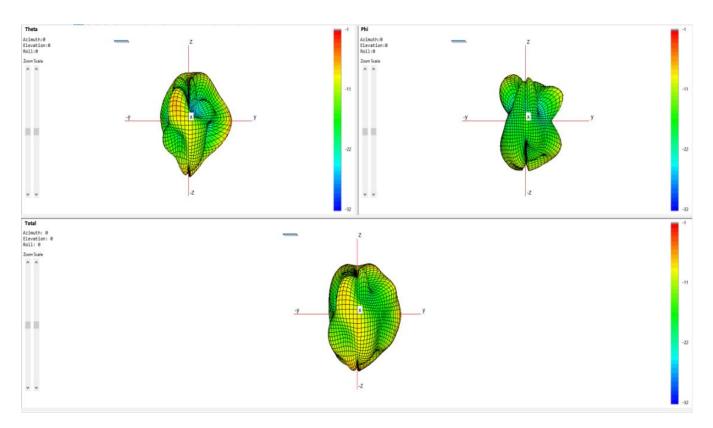
WIFI 2.4G (2472 MHz)



WIFI 5G (5180 MHz)



WIFI 5G (5745 MHz)



WIFI 5G (5805 MHz)

