
Antenna Reports

Issue date: 2024/7/30

Documented by: *Licai Liu*

Antenna Summary Table

Check items	Information
Provided by lab	Tinno internal lab (GTS)
Manufacturer/ Brand name	Kunshan Innwave Communication Technology Co.,Ltd
Manufacturer address	1689 Zizhu Road, Yushan Town, Kunshan, Jiangsu Province
Model name (Part number)	RX-P612-Ant5+6+7
Test environment	Tinno Shenzhen RD team Lab with GTS2800 chamber
Test equipment software	GTS MaxSign-Libra
List of calibrated test equipment	GTS2800 E5071C(Network Analyzer)
Antenna detail info.	Show WLAN/BT/ NFC only, no WWAN ANT6: WiFi2.4G / 5G antenna (2.4~2.5GHz, 5.15~5.8GHz), PIFA type antenna. NFC Antenna: loop antenna, dimension 31 mm *25mm * 0.25mm
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.

List of Test equipment

Equipment	Calibrate date	Due date
GTS2800	April, 22,2024	April, 22,2025
E5071C (Network Analyzer)	April, 22,2024	April, 22,2025

Antenna Test data:

ANT6

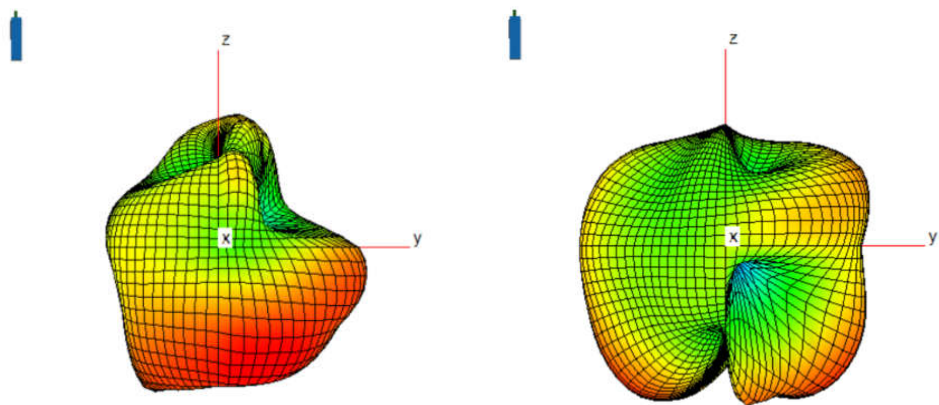
Antenna model name: RX-P612-Ant5+6+7

Antenna type: PIFA

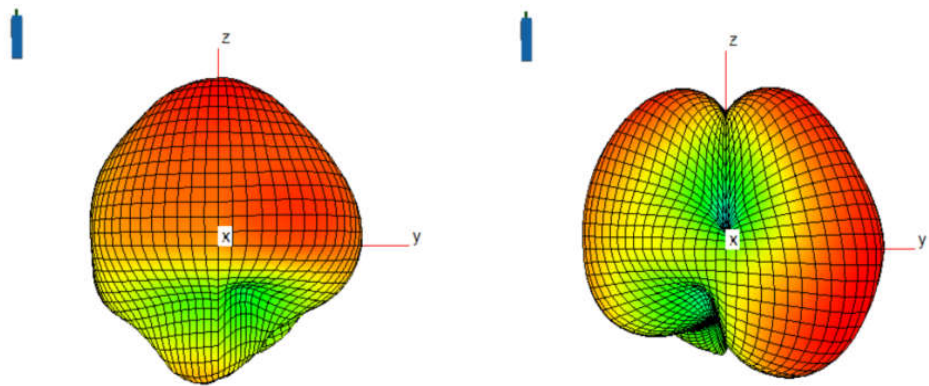
BT/WLAN Peak Gain (dBi)			
2400~2483.5MHz	-4.5	5470~5725MHz	-4.0
5150~5250MHz	-4.0	5725~5850MHz	-4.5
5250~5350MHz	-4.0		

(Rear view– Front view)

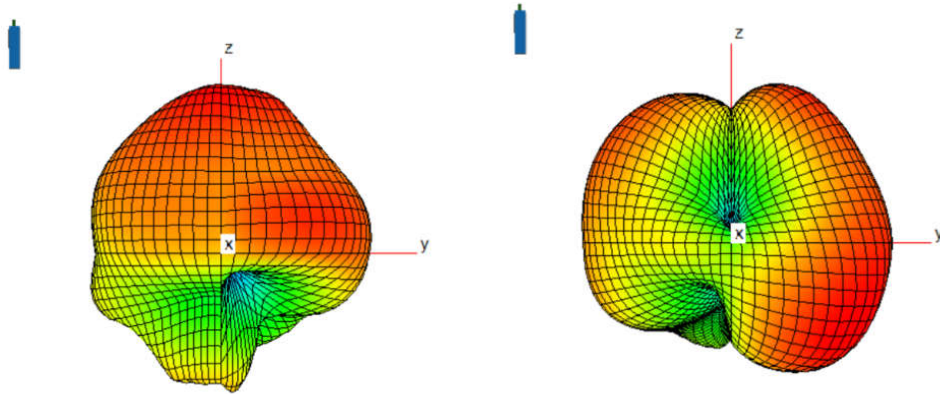
WIFI 2.4G (2450 MHz)



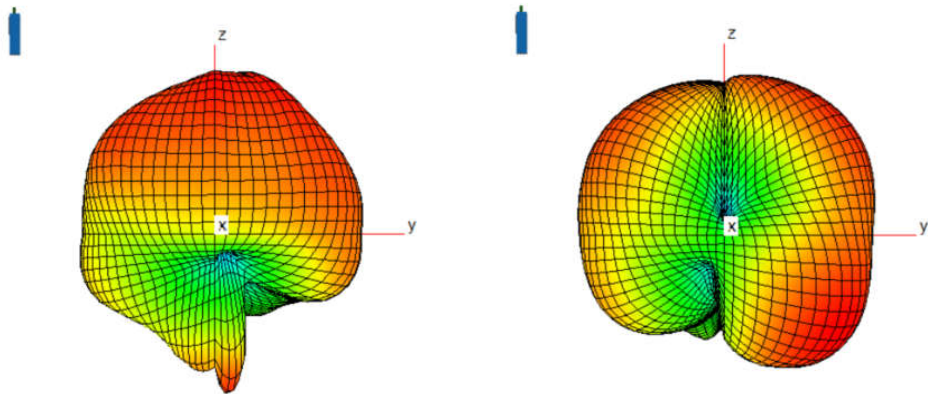
WIFI 5G (5200 MHz)



WIFI 5G (5300 MHz)



WIFI 5G (5500 MHz)



WIFI 5G (5800 MHz)

