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# Antenna Reports

Issue date: 2024/9/4

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### Antenna Summary Table

| Check items                       | Information                                                                                                                                                                     |
|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Provided by lab                   | Tinno internal lab (GTS)                                                                                                                                                        |
| Manufacturer/ Brand name          | Kunshan Innowave Communication Technology Co.,Ltd                                                                                                                               |
| Manufacturer address              | 1689 Zizhu Road, Yushan Town, Kunshan, Jiangsu Province                                                                                                                         |
| Model name (Part number)          | RX-P329A-GPS WIFI-2433-A                                                                                                                                                        |
| Test environment                  | Tinno Shenzhen RD team Lab with GTS2800 chamber                                                                                                                                 |
| Test equipment software           | GTS MaxSign-Libra                                                                                                                                                               |
| List of calibrated test equipment | GTS2800 with calibrated date: 2023/11/26,<br>Due date:2024/11/25<br>Anritsu MT8821C with calibrated date:2024/4/28,<br>Due date:2025/4/27                                       |
| Antenna detail info.              | Show WLAN/BT/NFC only, no WWAN<br>ANT5: BT/WiFi2.4G / 5G antenna (2.4~2.5GHz, 5.15~5.8GHz), PIFA type antenna.<br>NFC Antenna: Loop antenna with dimension 30 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.

**Antenna Test data:**

**ANT5**

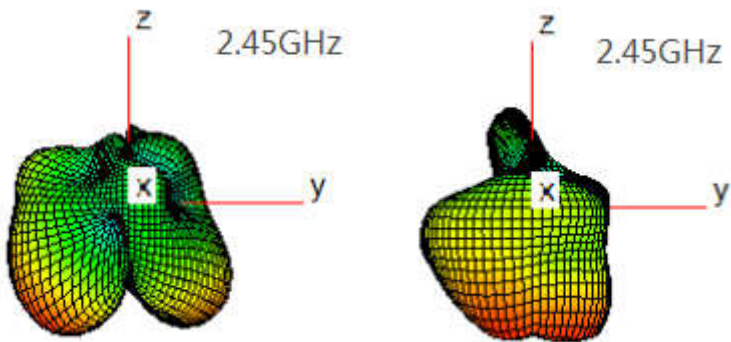
Antenna model name: RX-P329A-GPS WIFI-2433-A

Antenna type: PIFA

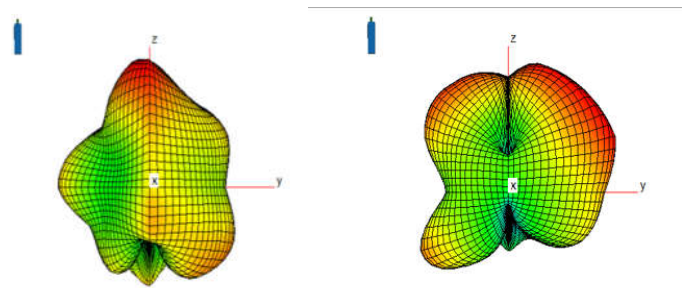
| BT/WLAN Peak Gain (dBi) |      |              |    |
|-------------------------|------|--------------|----|
| 2400~2483.5MHz          | -4.5 | 5470~5725MHz | -5 |
| 5150~5250MHz            | -5   | 5725~5850MHz | -5 |
| 5250~5350MHz            | -5   |              |    |

(Rear view– Front view)

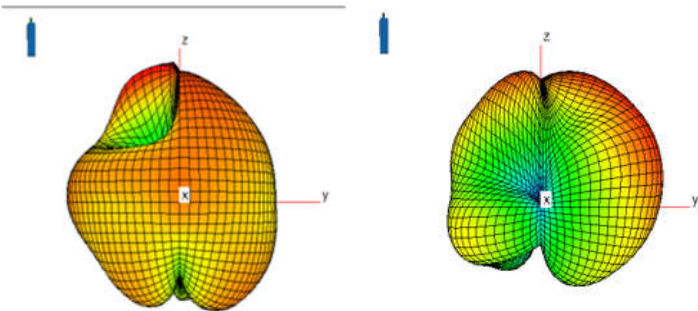
WIFI 2.4G (2450 MHz)



WIFI 5G (5200 MHz)

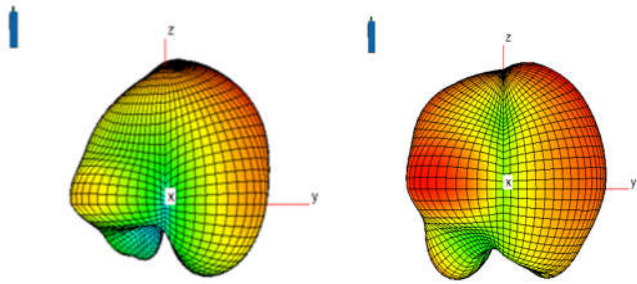


WIFI 5G (5300 MHz)



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## WIFI 5G (5500 MHz)



## WIFI 5G (5800 MHz)

