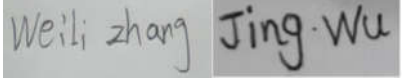

Antenna Reports

Issue date: 2025/01/14

Documented by: 

Antenna Summary Table

Check items	Information
Provided by lab	Tinno internal lab (GTS)
Manufacturer/ Brand name	KunShan Innowave Communication Technology Co., Ltd. SPEED COMMUNICATION TECHNOLOGY CO.,LTD.
Manufacturer address	Building H, No. 55, Shengchuang Road, Yushan Town, Kunshan City, Jiangsu Province, China No. 138 Huize Avenue, Shangxia District, Dongjiang High tech Industrial Park, Zhongkai High tech Zone, Huizhou City, Guangdong Province
Model name (Part number)	RX-P627A-JR/TD-TXX-YYWW-XXA/B
Test environment	Tinno XI'An RD team Lab with GTS2800 chamber
Test equipment software	GTS MaxSign-Libra
List of calibrated test equipment	GTS2800 with calibrated date: 2024/10/26, Due date: 2025/10/25 Anritsu MT8821C with calibrated date: 2024/4/28, Due date: 2025/4/27
Antenna detail info.	Show WLAN/BT/ NFC only, no WWAN ANT5: WiFi 5G antenna (5.15~5.8GHz), PIFA type antenna. ANT6: WiFi 2.4G antenna (BT/2.4~2.5GHz), PIFA type antenna. NFC Antenna: Loop antenna with dimension 39.6 mm * 20mm
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.

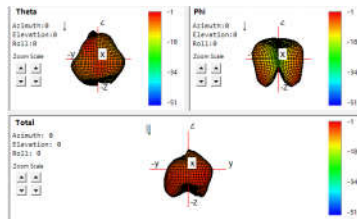
Antenna Test data:

BT/WLAN Peak Gain (dBi)			
2400~2483.5MHz	-5.2	5470~5725MHz	-3.6
5150~5250MHz	-5	5725~5850MHz	-6.3
5250~5350MHz	-4.6		

Gain Plots

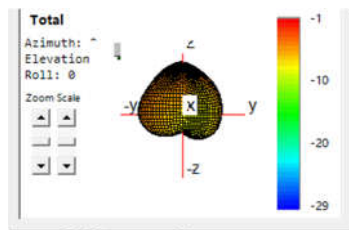
ANT6

BT/WIFI 2.4G (2450 MHz)

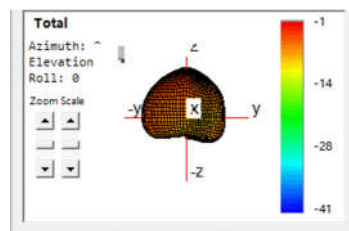


ANT5

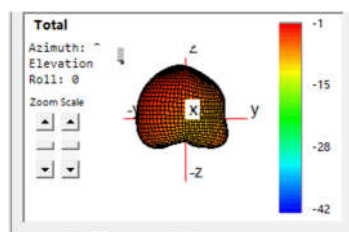
WIFI 5G (5200 MHz)



WIFI 5G (5350 MHz)



WIFI 5G (5500 MHz)



WIFI 5G (5800 MHz)

