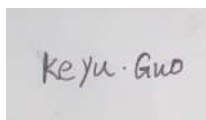

Antenna Reports

Issue date: 2025/1/13

Documented by:

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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	Building H, No. 55, Shengchuang Road, Yushan Town, Kunshan City, Jiangsu Province, China
Model name (Part number)	LH86-Finished Antenna under the main body (black) LH86-Finished Antenna under the main body (white) LH86-DVT antenna finished product
Test environment	Tinno Xian RD team Lab with GTS2800 chamber
Test equipment software	GTS MaxSign-Libra
List of calibrated test equipment	GTS2800 with calibrated date: 2025/1/13, Due date: 2026/1/13 Anritsu MT8821C with calibrated date: 2025/1/13, Due date: 2026/1/13
Antenna detail info.	Show WLAN/BT only, no WWAN ANT2: WIFI 2.4G/GPS L1/BT antenna (1575MHz, 2400MHz~2500MHz), Monopole 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.

1. Antenna Placement	4
2. Peak Gain	4
3. Gain Plots	
错误!未定义书签。	
4. test setup	7

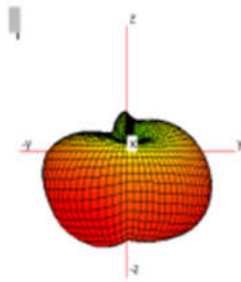
1. *Antenna Placemen*

Test / Position	Free Space			
bands	Frequency	TX Antenna Peak Gain		
		Ant 0	Ant 1	Ant 2
WiFi 2.4G	2400-2483.5MHz	/	/	-2
GPS L1 BT	1575.42MHz	/	/	1.2
	2400-2483.5MHz	/	/	-2

3. Gain Plots

ANT2

GPS L1 (1575MHz)



WIFI 2.4G (2450 MHz)

