
Antenna Reports

Issue date: 2025/9/10

Documented by: *Licai Liu*

Antenna Summary Table

Check items	Information
Provided by lab	Tinno internal lab (GTS)
Manufacturer/ Brand name	Dongguan Deman Electronics Technology Co.,Ltd
Manufacturer address	6/F, Building D, Shunluo Industrial Park, No. 1 Fengtai Road, Tangxia Town, Dongguan City, Guangdong Province, China
Model name (Part number)	DI-535A/DJ-535
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: 2025/11/26, Due date: 2025/11/25 Anritsu MT8821C with calibrated date: 2024/5/28, Due date: 2026/4/27
Antenna detail info.	Show BT/UWB ANT1: BT 2.4G (2.4~2.5GHz), MONOPILE type antenna. ANT2: UWB 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.

Table of Contents

1. Antenna Placement -----
错误!未定义书签。

2. Peak Gain-----
错误!未定义书签。

3. Gain Plots-----
错误!未定义书签。

4. [test setup](#)-----**11**

1. Antenna Placement

ANT1: BT

ANT2: UWB

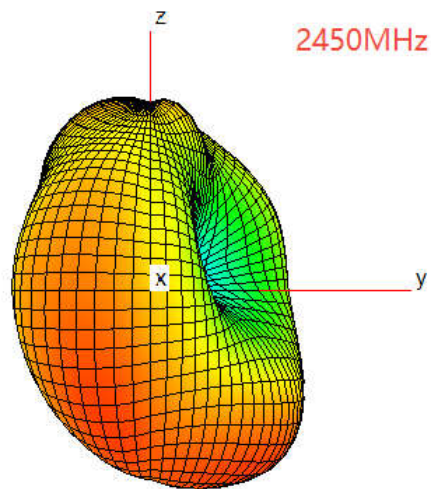
2.TX Antenna Peak Gain

ANT	Model	Frequency(MHz)	Gain (dbi)
ANT1	BT	2400-2500	-0.7
ANT2	UWB	6250-6750 7750-8250	1

3. Gain Plots

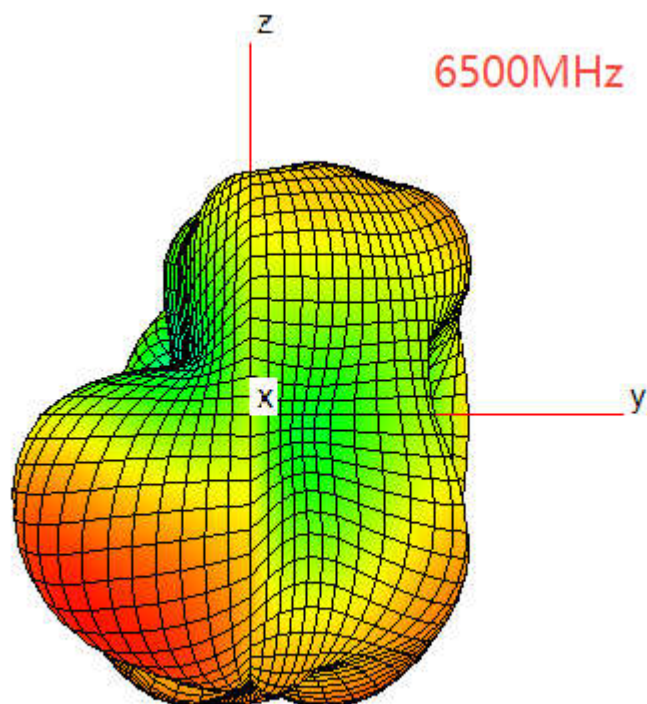
ANT1

BT (2450 MHz)



ANT2

UWB CH5 (6500 MHz)



UWB CH9 (8000 MHz)

