



## SPECIFICATION

|                           |                                                                                                                                            |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Antenna Manufacturer Name | TWS Technology (Guangzhou) Limited                                                                                                         |
| Address                   | Floor 1/2/3, Building(1), No. 39, Nanyunsan Road, Science Park, Guangzhou Hi-Tech Industrial Development Zone, Guangzhou, Guangdong, China |
| ODM P/N:                  | 130001344A11                                                                                                                               |
| Test DATE                 | 2023/11/23                                                                                                                                 |
| DATASHEET REVISION        | 00                                                                                                                                         |
| Ant. Type (PIFA)          | BLE                                                                                                                                        |

  
Test Engineer: Kevin Lai



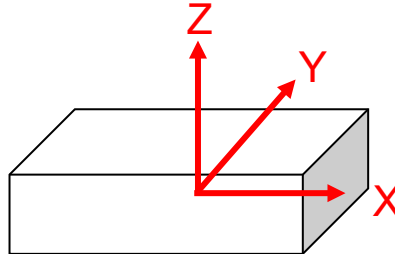
## Description of BLE Antenna

|                 |                    |
|-----------------|--------------------|
| Frequency Range | 2400~2500MHz       |
| Impedance       | 50Ω                |
| Peak gain       | -3.23dBi @ 2441MHz |
| Antenna type    | PIFA               |
| Process         | PCB + FPC          |

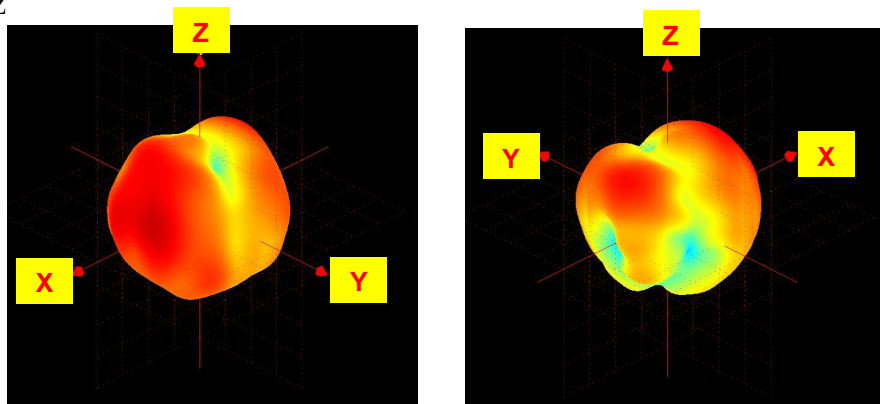
BLE Antenna Gain:

| MHz  | Peak Gain (dBi) |
|------|-----------------|
| 2400 | -3.40           |
| 2402 | -3.62           |
| 2425 | -3.34           |
| 2441 | -3.23           |
| 2450 | -3.37           |
| 2475 | -3.27           |
| 2483 | -3.31           |
| 2500 | -3.78           |

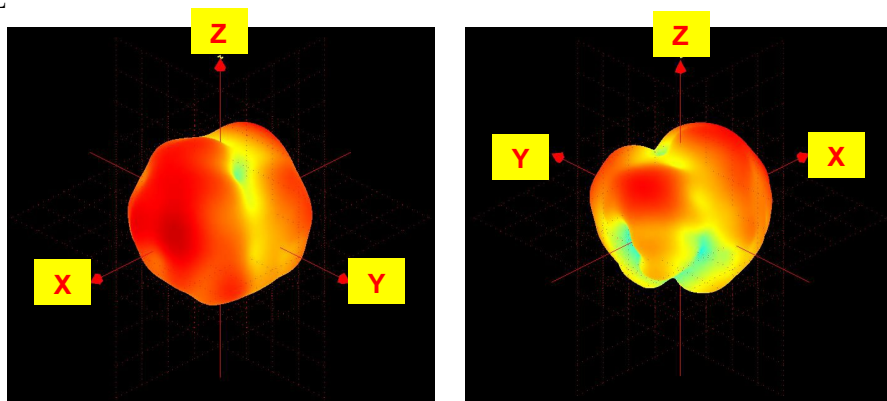
## BLE 3D Radiation Pattern:



### - 2402 MHz



### - 2425 MHz



### - 2483 MHz

