



# Welletronics Communication Technology Limited

**ADD:** 1st, 2nd, and 3rd floors, No. 8 Tongfu Estate Industrial Zone, Xinshi Community, Dalang Street,  
Longhua District, Shenzhen

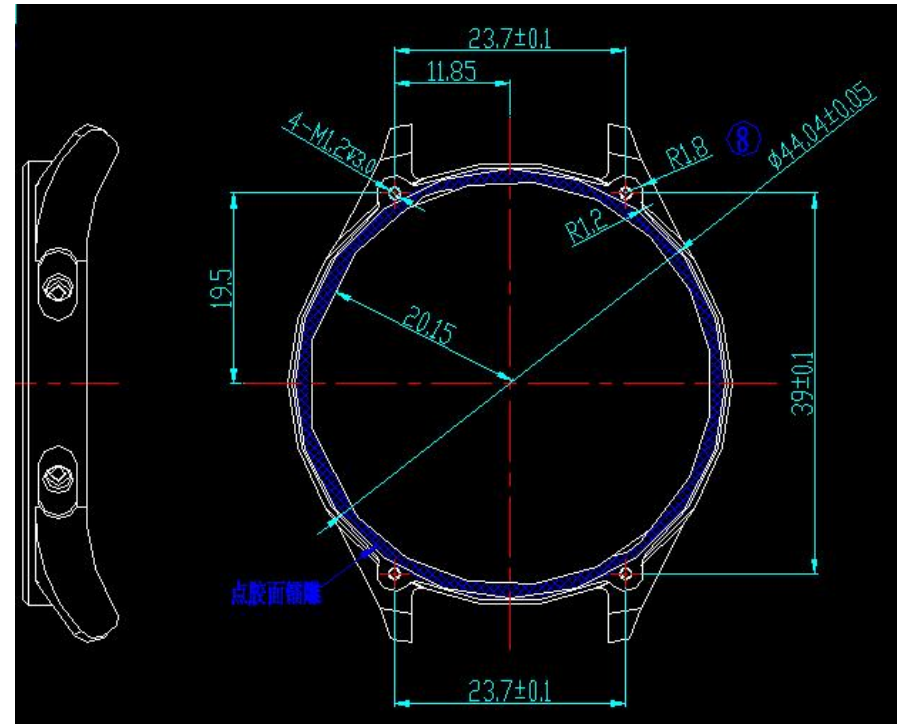
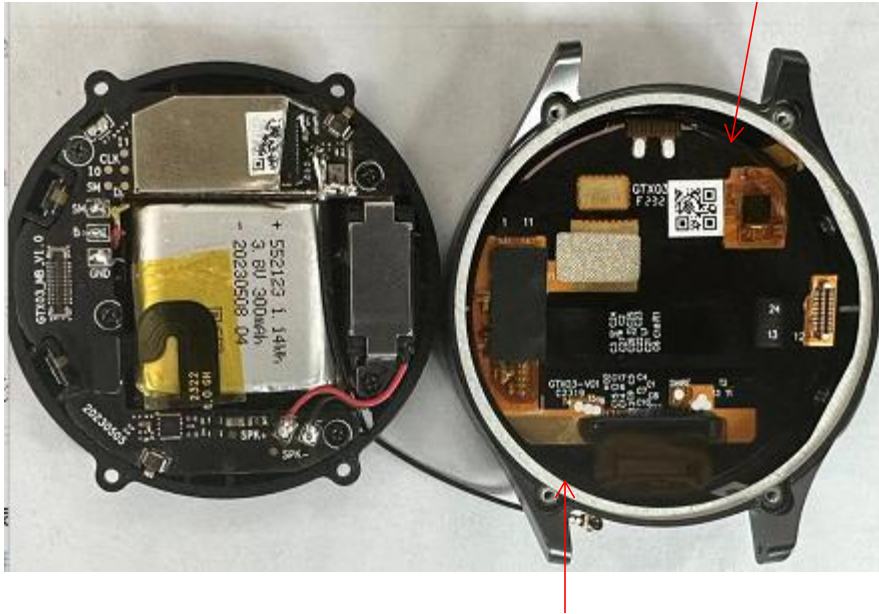
|                                                 |       |
|-------------------------------------------------|-------|
|                                                 | GTX03 |
| 1.GPS/ BT<br>2.Antenna Type:Metal frame antenna |       |
| 2023-8-9                                        | R:A   |
| RF:                                             | Tel:  |

# GPS/ BT SWR



## Antenna size

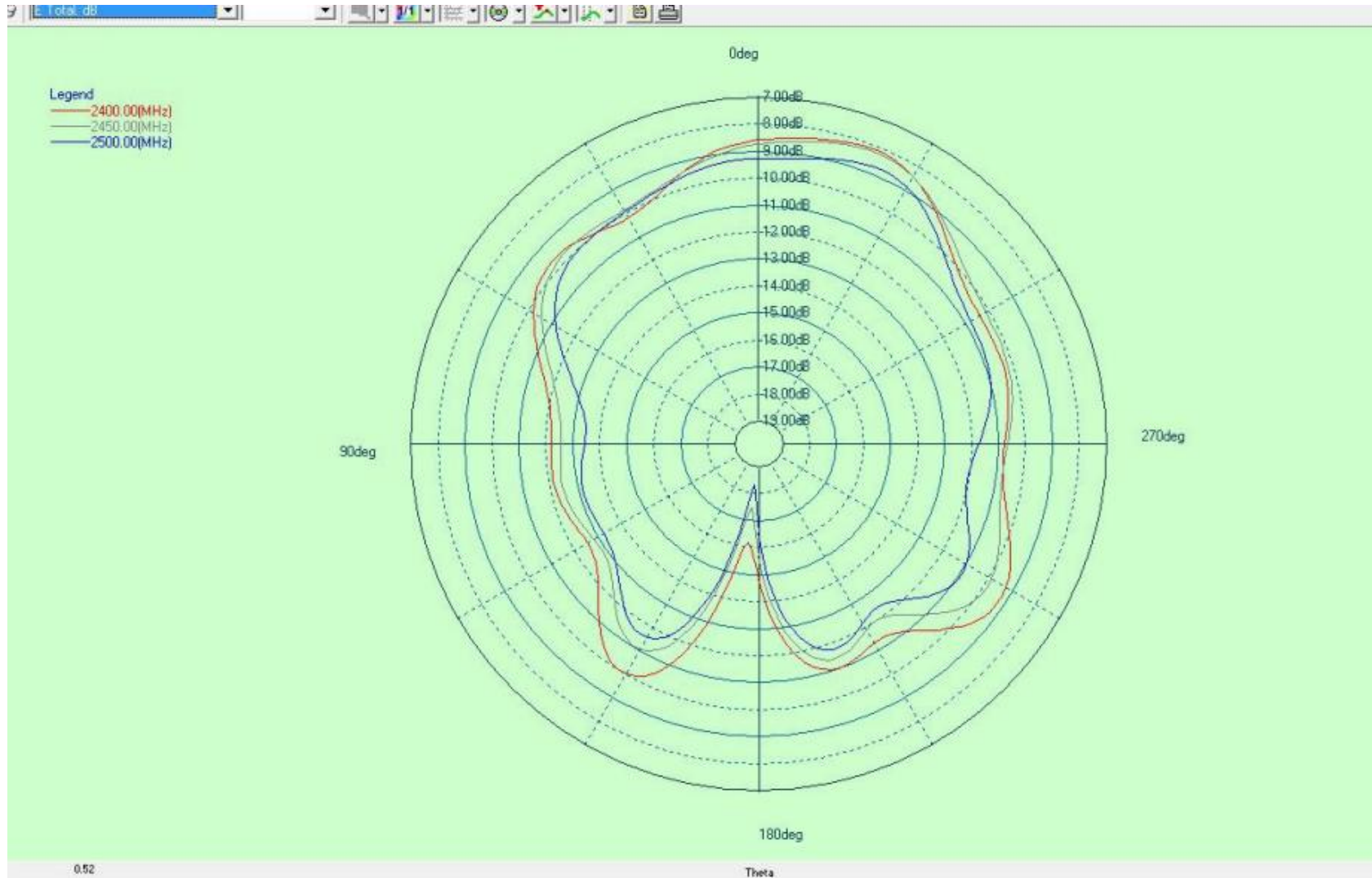
units mm



### 3 GPS /BT

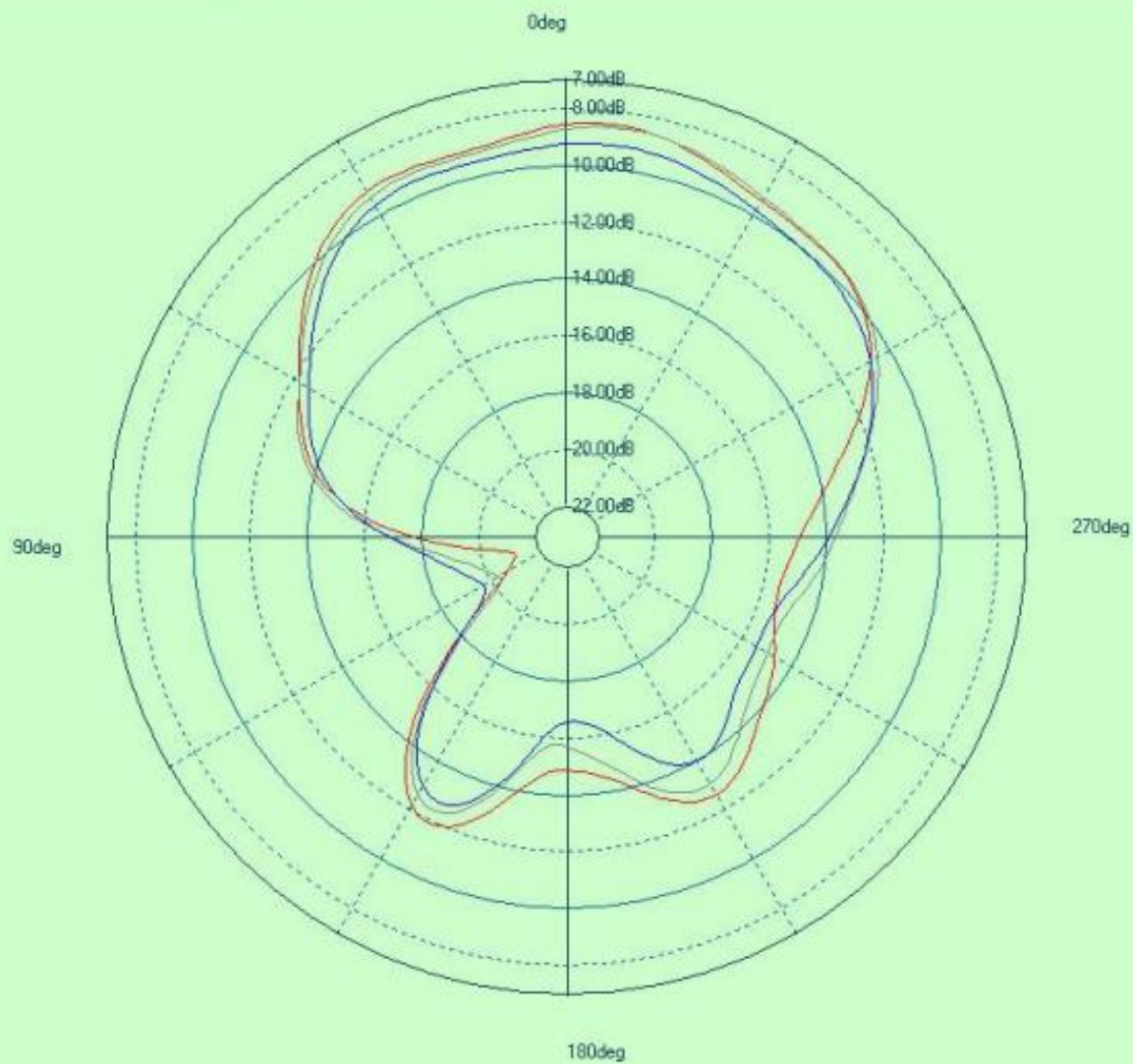
| GPS           |            |             |       |
|---------------|------------|-------------|-------|
| Freq<br>(MHz) | Effi<br>dB | Effi<br>(%) | Gain  |
| 1550          | -7.16      | 19.24       | -1.27 |
| 1555          | -7.17      | 19.2        | -1.33 |
| 1560          | -7.19      | 19.1        | -1.48 |
| 1565          | -7.2       | 19.03       | -1.55 |
| 1570          | -7.2       | 19.06       | -1.53 |
| 1575          | -7.18      | 19.14       | -1.53 |
| 1580          | -7.19      | 19.11       | -1.53 |
| 1585          | -7.27      | 18.73       | -1.59 |
| 1590          | -7.31      | 18.57       | -1.58 |
| 1595          | -7.39      | 18.23       | -1.66 |
| 1600          | -7.14      | 19.32       | -1.48 |
| BT            |            |             |       |
| Freq<br>(MHz) | Effi<br>dB | Effi<br>(%) | Gain  |
| 2400          | -8.41      | 14.41       | -2.74 |
| 2410          | -8.43      | 14.37       | -2.77 |
| 2420          | -8.46      | 14.25       | -2.89 |
| 2430          | -8.5       | 14.14       | -3    |
| 2440          | -8.49      | 14.15       | -3.03 |
| 2450          | -8.46      | 14.25       | -3.03 |
| 2460          | -8.42      | 14.38       | -3.03 |
| 2470          | -8.36      | 14.6        | -3.01 |
| 2480          | -8.23      | 15.03       | -2.94 |
| 2490          | -8.25      | 14.98       | -2.96 |
|               |            |             |       |

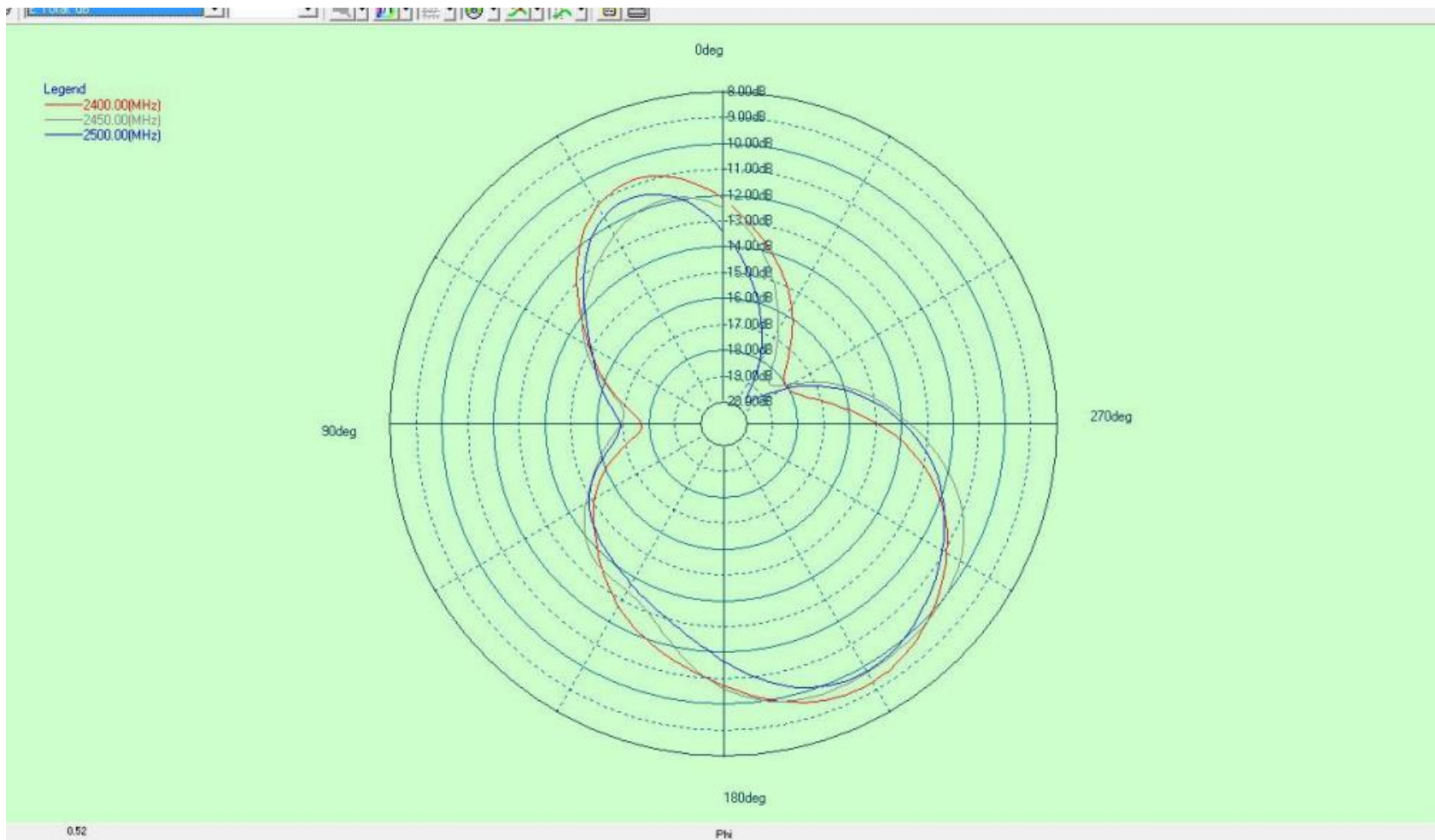
# BT free space radiation



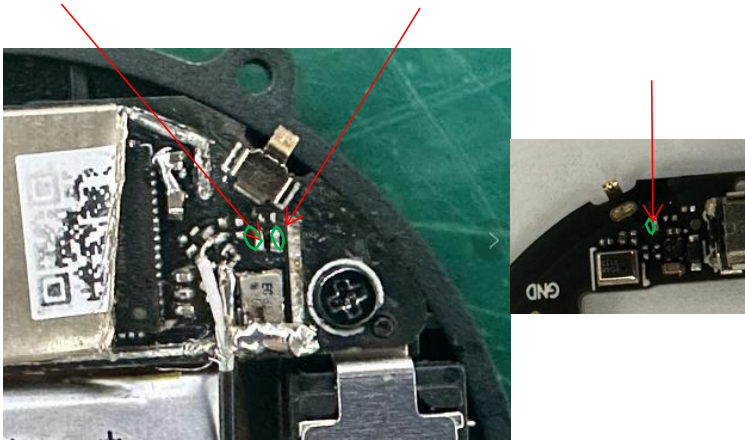
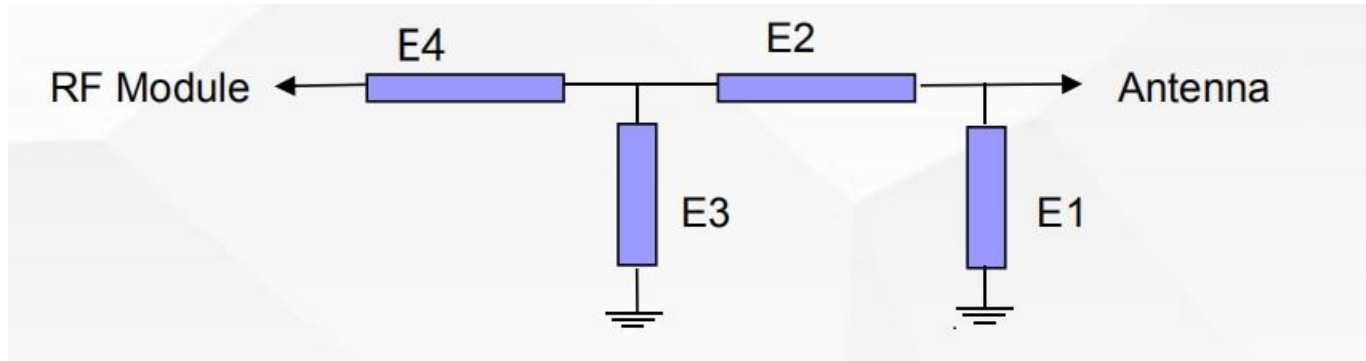
Legend

— 2400.00(MHz)  
— 2450.00(MHz)  
— 2500.00(MHz)





5



| Element | Value |
|---------|-------|
| E1      | 1pF   |
| E2      | 5.1nH |
| E3      | N/A   |
| E4      |       |

**1st, 2nd, and 3rd floors, No. 8 Tongfu Estate Industrial Zone, Xinshi Community, Dalang Street, Longhua District,  
Shenzhen**

**Welletronics Communication Technology Co., LTD**

**Thank you !**