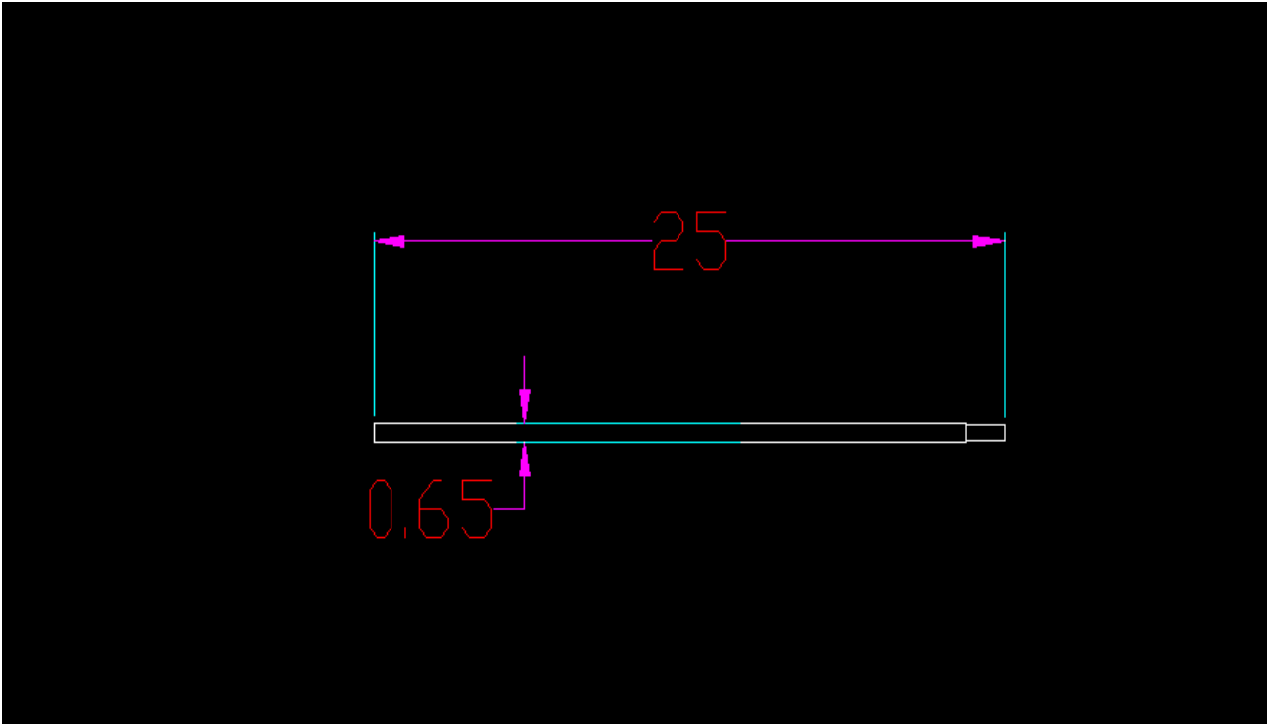


# Antenna Specification

## Specifications Summary

| ITEM                 | SPEC.                                 |                                |
|----------------------|---------------------------------------|--------------------------------|
| Model Name           | IBM 2.4 GHz                           |                                |
| Center Frequency     | 0 2402MHz<br>39 2441MHz<br>78 2480MHz | 1.20 dBi<br>1.30dBi<br>1.20dBi |
| MAX. GAIN            | 1. 30dbi                              |                                |
| Polarization         | Horizontal                            |                                |
| Azimuth Beam Pattern | Omni-directional                      |                                |
| Impedance            | 50 Ω                                  |                                |
| Antenna Length       | 25mm                                  |                                |

Antenna Photo & Length (mm)

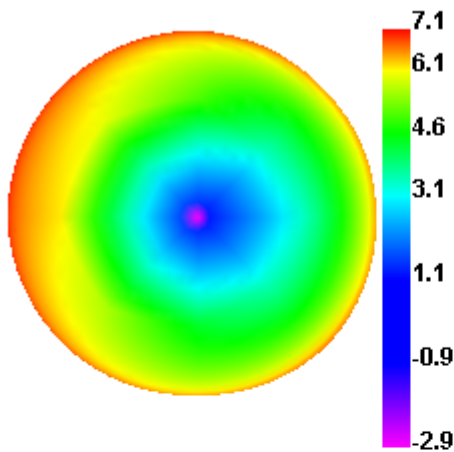


|                 |                                                                                                                                  |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------|
| Test Address    | 601, Building E, No. 8, North District, Shangxue Science and Technology Park, Bantian Street, Longgang District, Shenzhen, China |
| Test Date       | 2022-9-14                                                                                                                        |
| Test Instrument | vector network analyzer - R&S ZVB20                                                                                              |

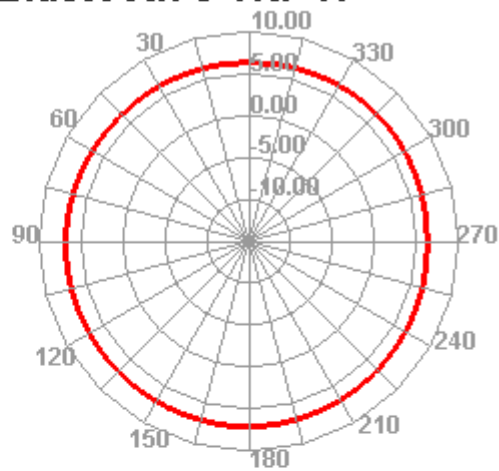
1. Main antenna : 2402MHz

1.1 Horizontal

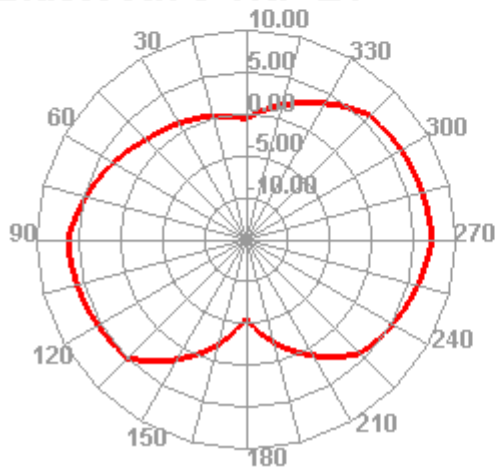
CH0  
Bluetooth 0 TRP



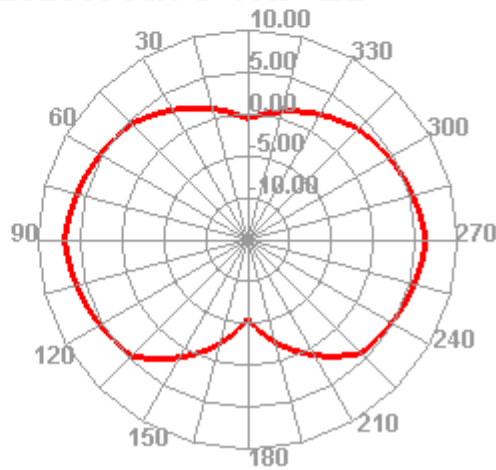
CH39  
Bluetooth 0 TRP H



Bluetooth 0 TRP E1



Bluetooth 0 TRP E2



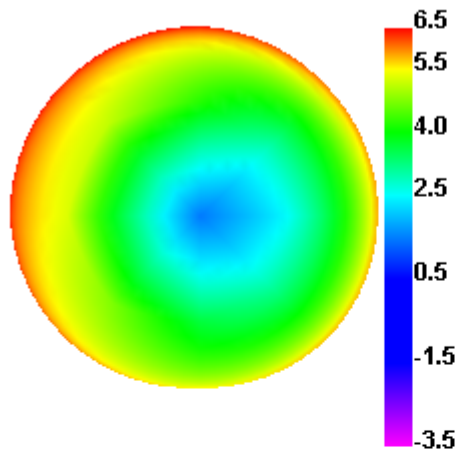
Frequency(MHZ): 2402

Antenna Polarity: Vertical

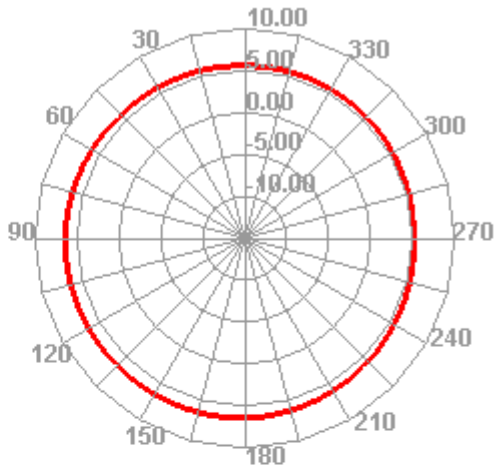
## 2. Main antenna : 2441MHz

### 2.1 Horizontal

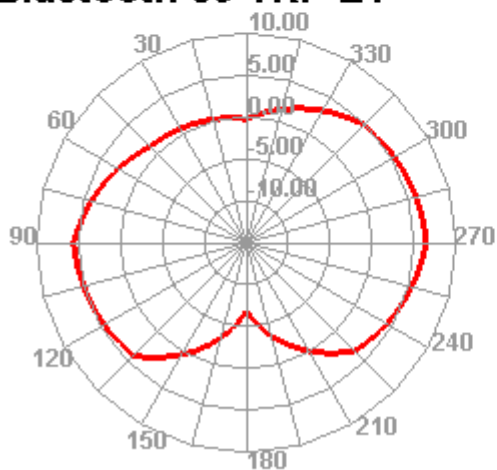
**Bluetooth 39 TRP**



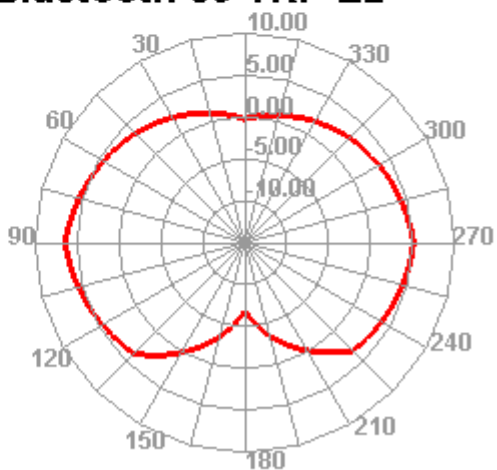
**Bluetooth 39 TRP H**



**Bluetooth 39 TRP E1**

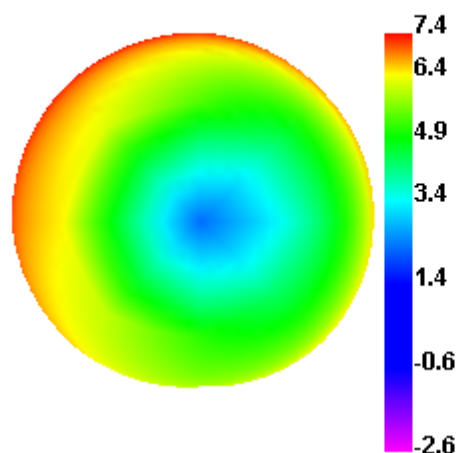


**Bluetooth 39 TRP E2**

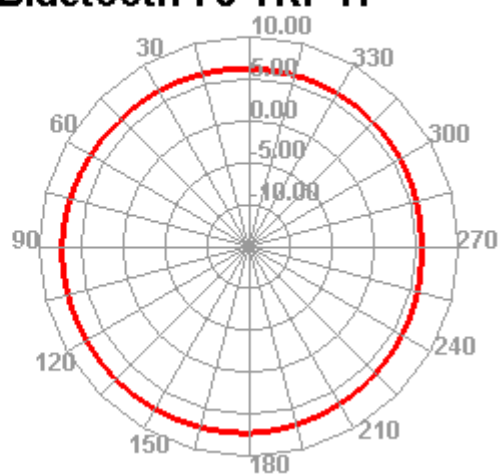


### 3. Main antenna : 2480MHz

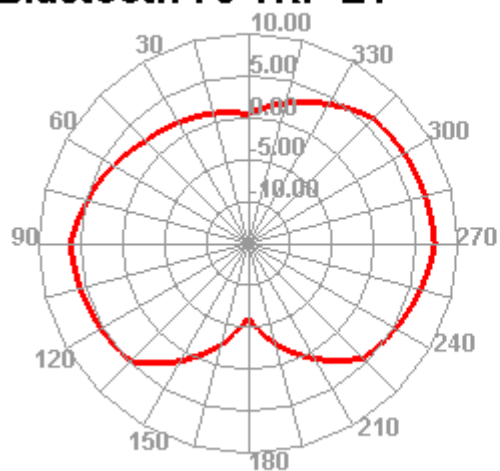
**Bluetooth 78 TRP**



**Bluetooth 78 TRP H**



**Bluetooth 78 TRP E1**



**Bluetooth 78 TRP E2**

