



**ONE PLUS ONE**  
Wireless Communication

# ANTENNA TEST REPORT

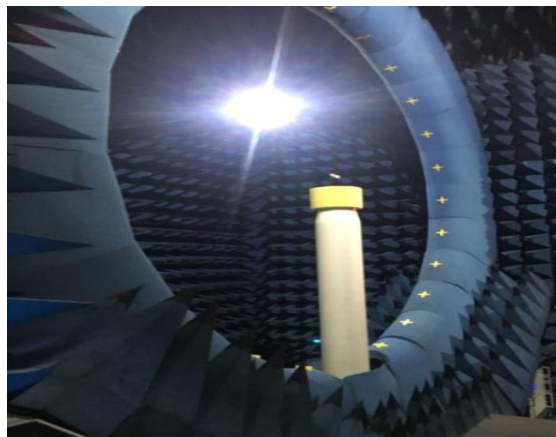
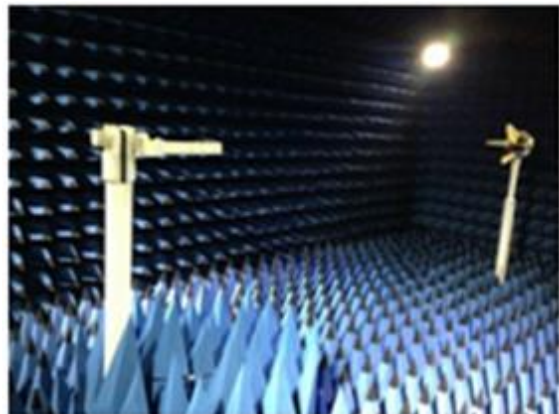
| Customer | Project | Test by      | Telephone   | Date     |
|----------|---------|--------------|-------------|----------|
| Alilo    |         | Zhaokai Ling | 15016319590 | 20250314 |

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## TEST INSTRUMENTS



| Test system   | Testing Environment                                                                  | Active           | Passive     |
|---------------|--------------------------------------------------------------------------------------|------------------|-------------|
| SATIMO<br>ETS | temperature: $22^{\circ}\text{C} \pm 2^{\circ}\text{C}$<br>humidity: $50\% \pm 15\%$ | 2G/3G/4G/WIFI/BT | 600MHZ-6GHZ |

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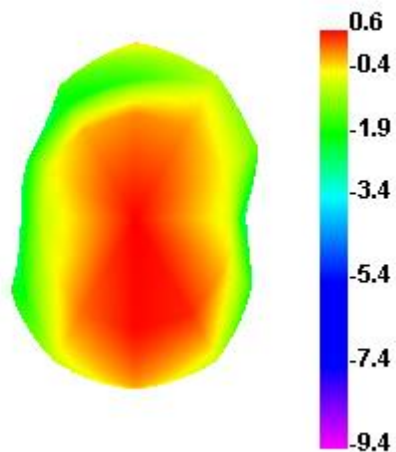
## Passive efficiency of Bluetooth

| WIFI          |             |              |               |
|---------------|-------------|--------------|---------------|
| Freq<br>(MHz) | Effi<br>(%) | Effi<br>(dB) | Gain<br>(dBi) |
| 2400          | 49.33       | -3.07        | 0.58          |
| 2410          | 50.65       | -2.95        | 1.03          |
| 2420          | 44.25       | -3.54        | 0.53          |
| 2430          | 39.51       | -4.03        | 3.15          |
| 2440          | 48.51       | -3.14        | 1.25          |
| 2450          | 50.42       | -2.97        | 1.57          |
| 2460          | 56.84       | -2.45        | 2.41          |
| 2470          | 48.66       | -3.13        | 4.1           |
| 2480          | 53.38       | -2.73        | 2.29          |
| 2490          | 43.76       | -3.59        | 3.56          |
| 2500          | 50.91       | -2.93        | 2.4           |

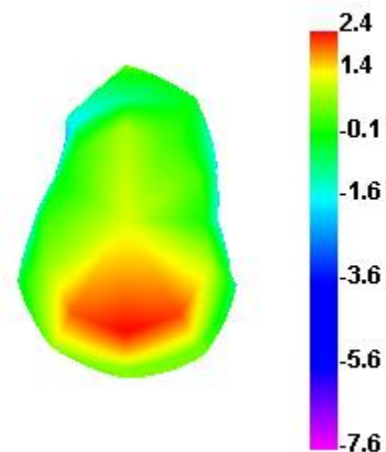


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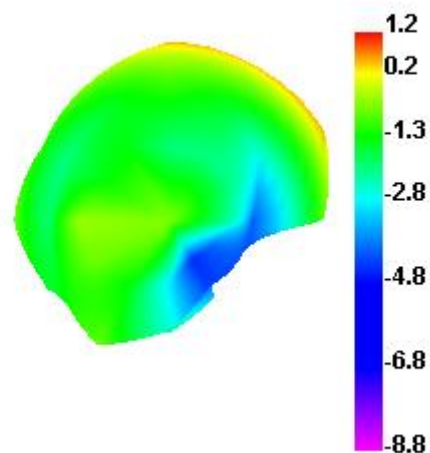
**2400.000MHz**



**2500.000MHz**

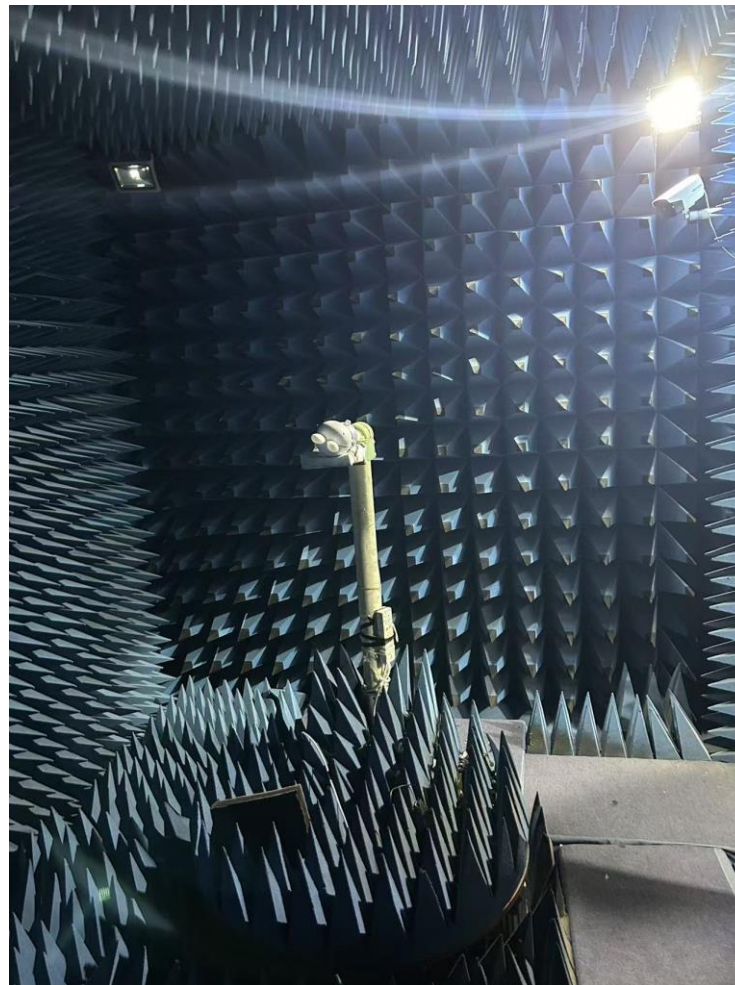
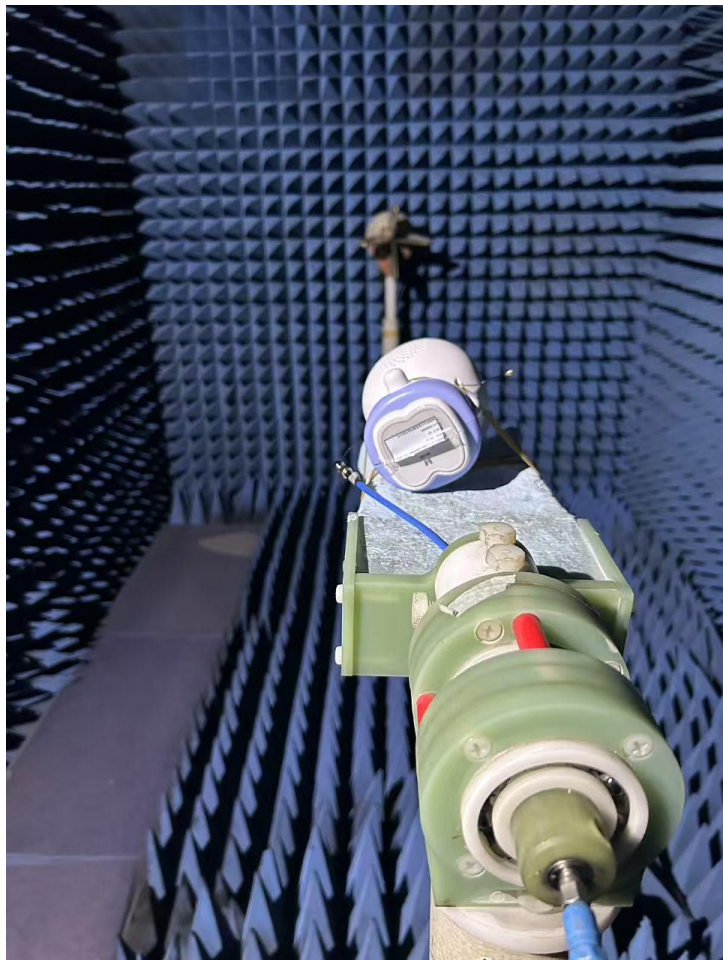


**2450.000MHz**





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