

Antenna Test Report

Product name: Bluetooth antenna

Antenna type: PCB antenna

Operating frequency: 2400-2500MHz

Antenna Gain: -0.77dBi (MAX)

Test standard: IEEE149-1979,IEEE Stand test Procedures For
Antennas

Manufacturer: Moka Technology (Guangdong) Co., Ltd.

Antenna gain/ Efficiency

| Frequency | Gain (dBi) | Efficiency() |
|-----------|------------|---------------|
| 2402MHz | -1.15 | 27% |
| 2404MHz | -1.17 | 26% |
| 2406MHz | -1.25 | 26% |
| 2408MHz | -1.26 | 26% |
| 2410MHz | -1.26 | 26% |
| 2412MHz | -1.27 | 26% |
| 2414MHz | -1.28 | 26% |
| 2416MHz | -1.25 | 26% |
| 2418MHz | -1.22 | 27% |
| 2420MHz | -1.22 | 26% |
| 2422MHz | -1.20 | 26% |
| 2424MHz | -1.16 | 27% |
| 2426MHz | -0.95 | 27% |
| 2428MHz | -0.92 | 27% |
| 2430MHz | -0.90 | 27% |
| 2432MHz | -0.88 | 27% |
| 2434MHz | -0.85 | 27% |
| 2436MHz | -0.85 | 27% |
| 2438MHz | -0.85 | 27% |
| 2440MHz | -0.86 | 27% |

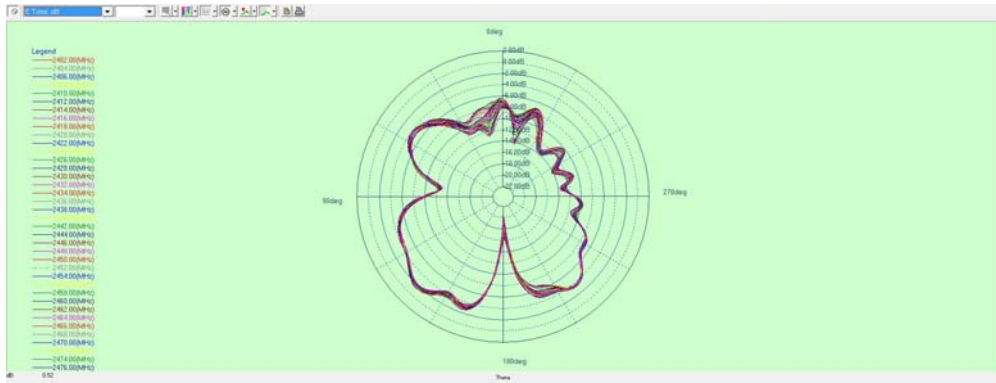
| | | |
|---------|-------|-----|
| 2442MHz | -0.87 | 27% |
| 2444MHz | -0.88 | 27% |
| 2446MHz | -0.77 | 27% |
| 2448MHz | -0.80 | 27% |
| 2450MHz | -0.81 | 27% |
| 2452MHz | -0.81 | 27% |
| 2454MHz | -0.81 | 27% |
| 2456MHz | -0.88 | 26% |
| 2458MHz | -0.86 | 27% |
| 2460MHz | -0.85 | 26% |
| 2462MHz | -0.85 | 26% |
| 2464MHz | -0.85 | 26% |
| 2466MHz | -1.04 | 26% |
| 2468MHz | -1.01 | 26% |
| 2470MHz | -1.00 | 26% |
| 2472MHz | -1.00 | 26% |
| 2474MHz | -0.99 | 26% |
| 2476MHz | -0.93 | 26% |
| 2478MHz | -0.95 | 26% |
| 2480MHz | -1.05 | 26% |

| Frequency | SWR |
|-----------|------|
| 2402MHz | 1.32 |
| 2440MHz | 1.47 |

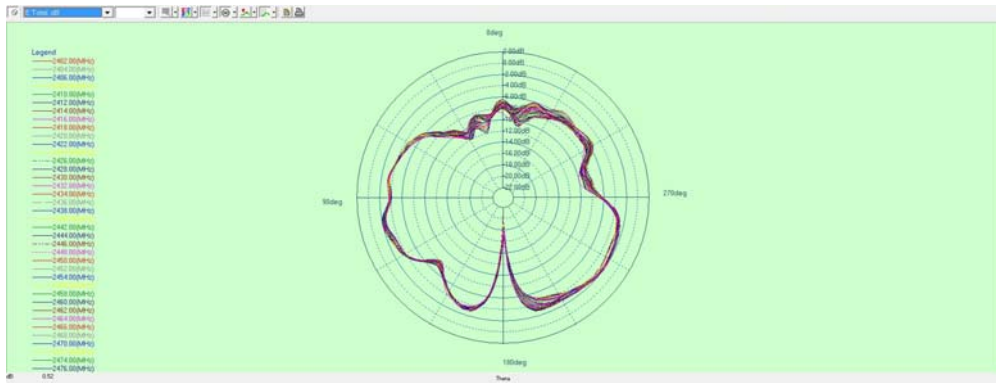
2480MHz 1.55

1D radiation Pattern:

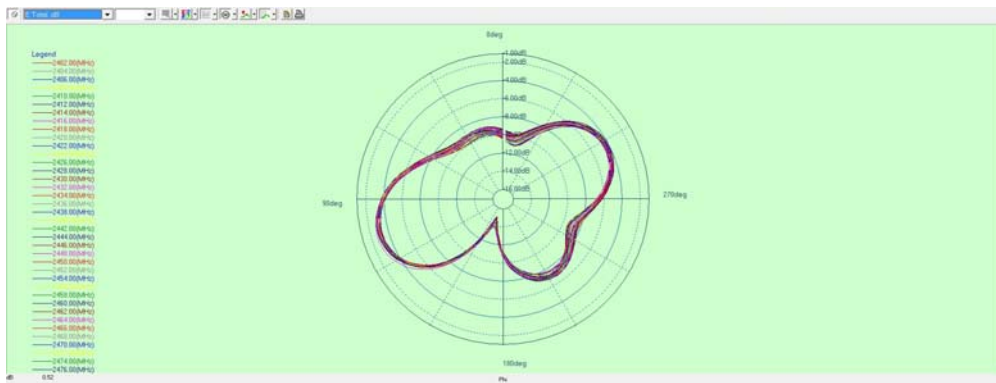
PHI=0



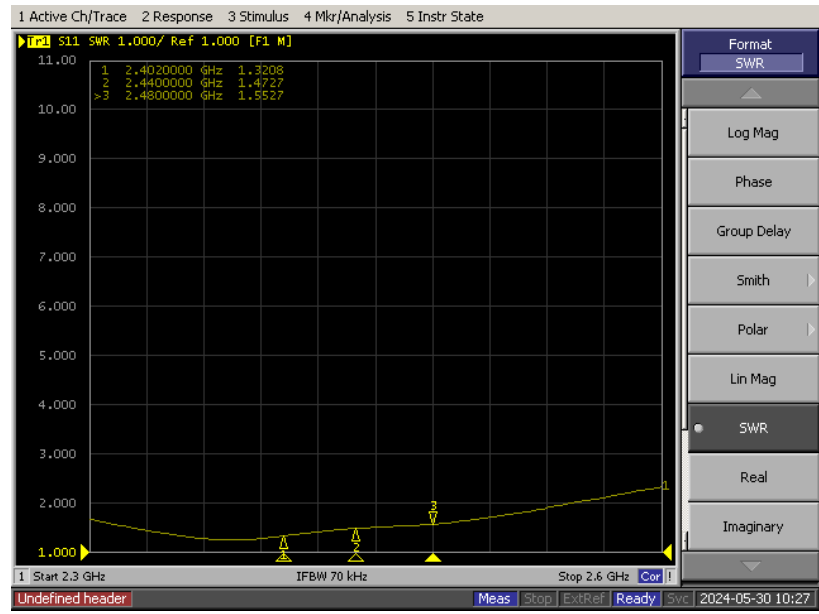
PHI=90



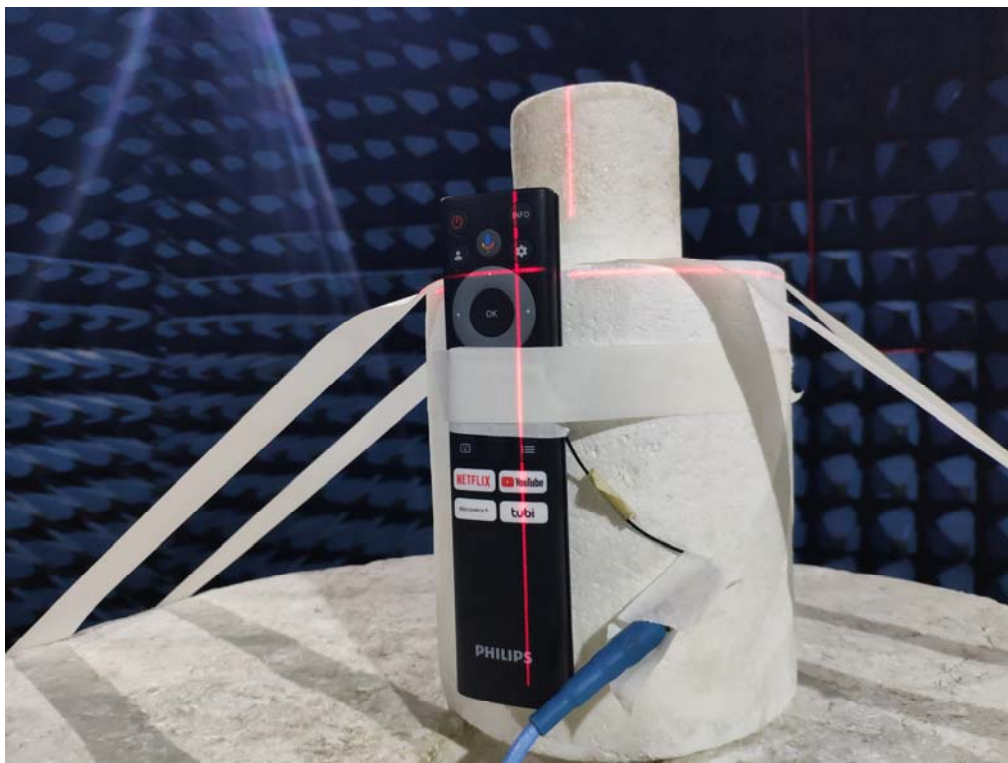
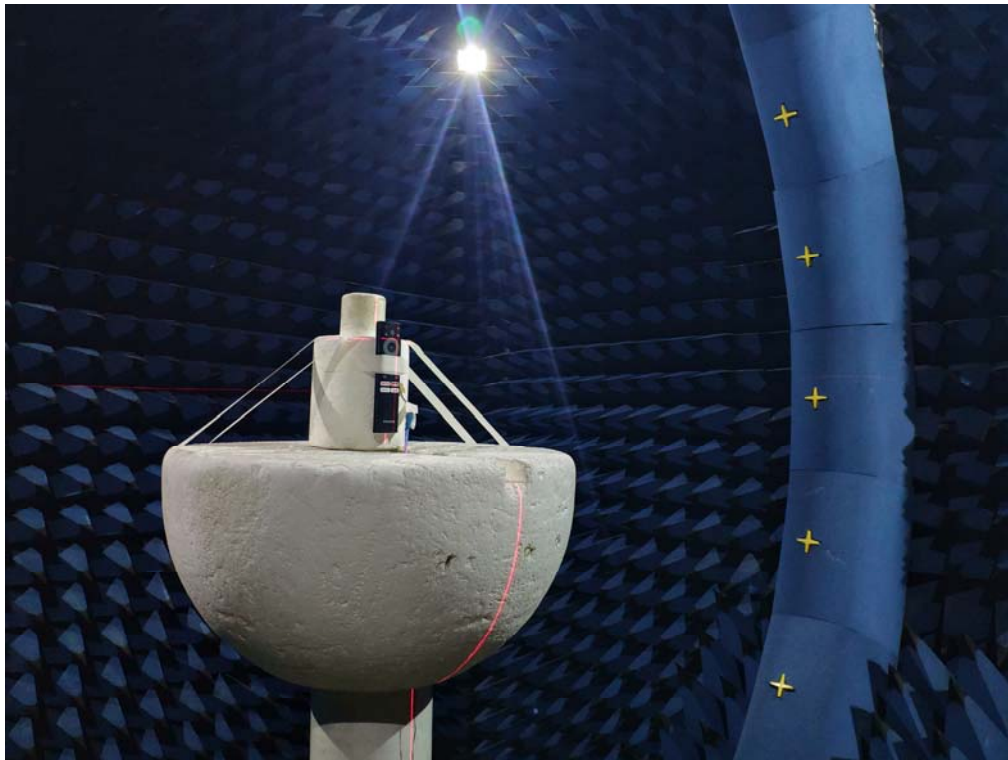
THETA=90

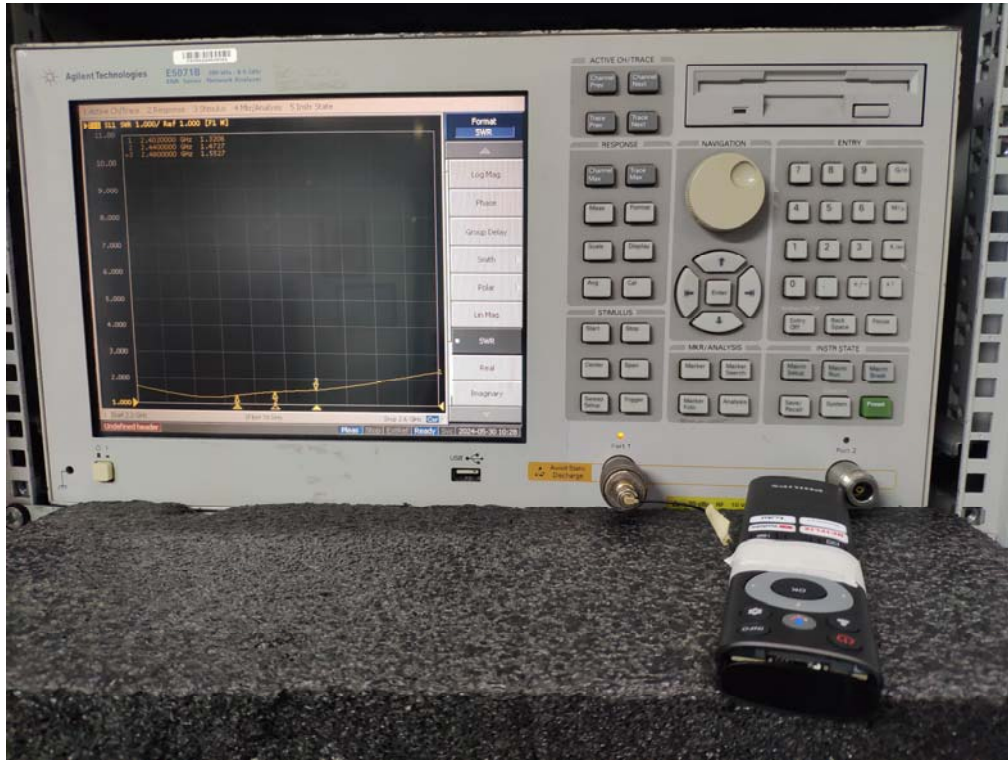


SWR



test photos :





Product photos:

