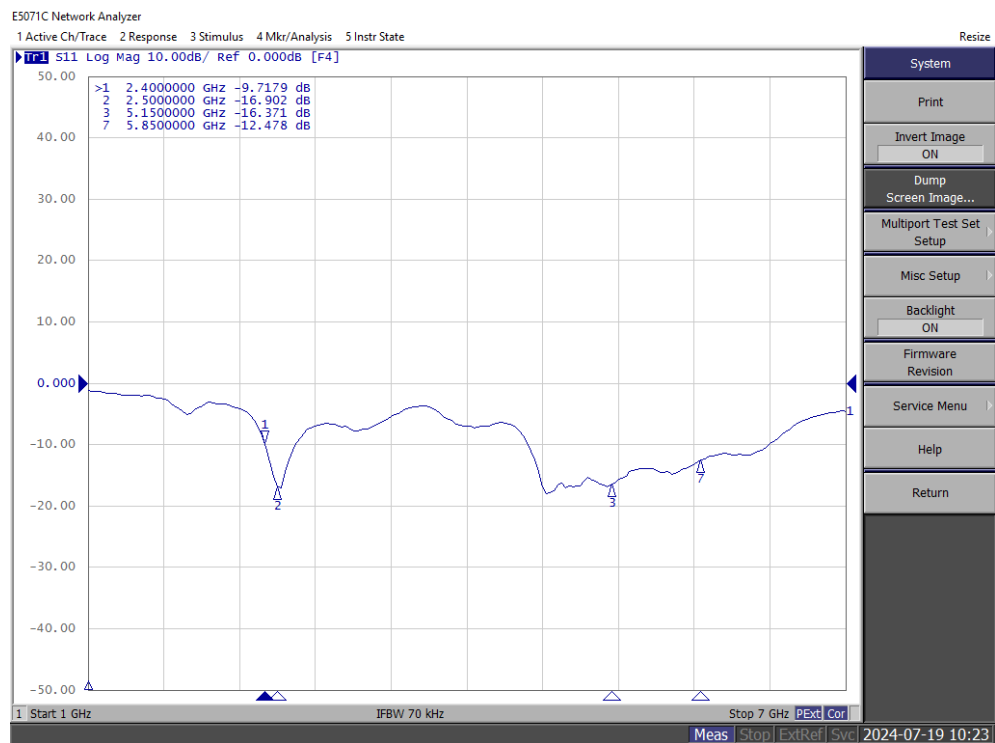


高增益天线测试报告

2024.7.19



天线样品



S-parameter

2. 4G效率&增益

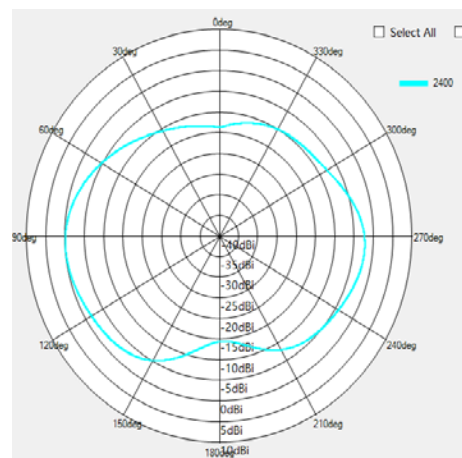
| Freq | eff | gain |
|------|-------|------|
| 2400 | -1.63 | 5.02 |
| 2410 | -1.55 | 5.06 |
| 2420 | -1.51 | 5 |
| 2430 | -1.35 | 5.11 |
| 2440 | -1.23 | 5.16 |
| 2450 | -1.19 | 5.13 |
| 2460 | -1.12 | 5.13 |
| 2470 | -1.1 | 5.08 |
| 2480 | -1.08 | 5.02 |
| 2490 | -1.12 | 4.89 |
| 2500 | -1.05 | 4.88 |

5G效率&增益

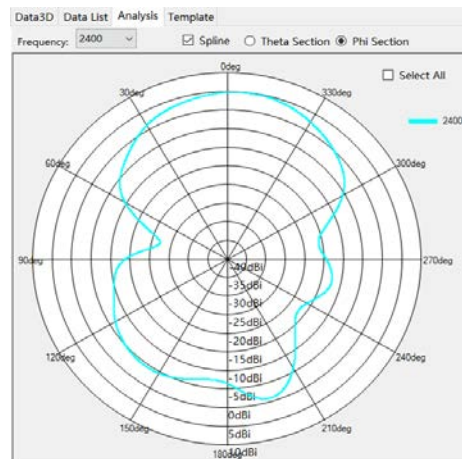
| Freq | eff | gain |
|------|-------|------|
| 5150 | -1.17 | 4.2 |
| 5200 | -1.08 | 4.19 |
| 5250 | -0.95 | 4.32 |
| 5300 | -1.26 | 3.81 |
| 5350 | -1.13 | 4.01 |
| 5400 | -1.38 | 3.82 |
| 5450 | -1.16 | 4.01 |
| 5500 | -1.24 | 4.02 |
| 5550 | -1.18 | 4.16 |
| 5600 | -1.2 | 4 |
| 5650 | -1.26 | 4.03 |
| 5700 | -1.02 | 4.1 |
| 5750 | -1.3 | 3.71 |
| 5800 | -1.03 | 4.06 |
| 5850 | -1.52 | 3.63 |

Radiation Pattern @2.4GHz

XOY



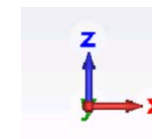
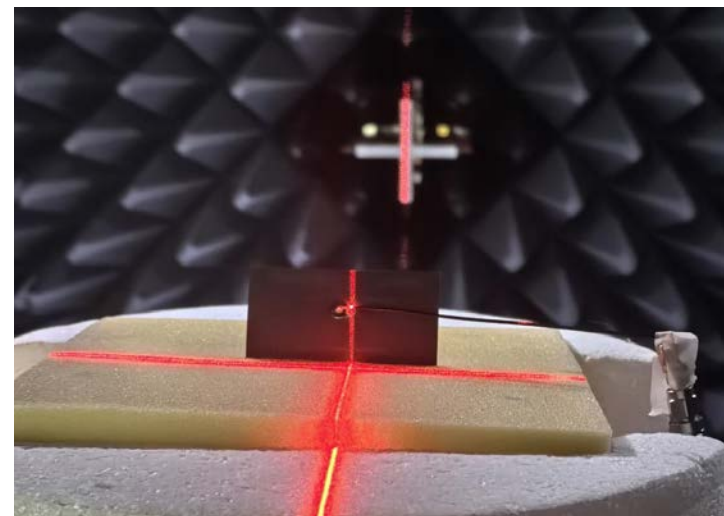
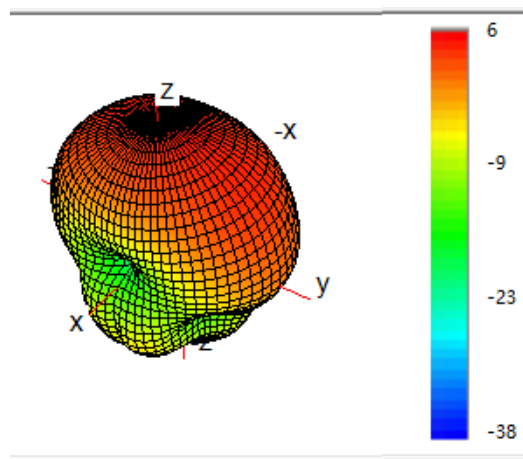
XOZ



YOZ



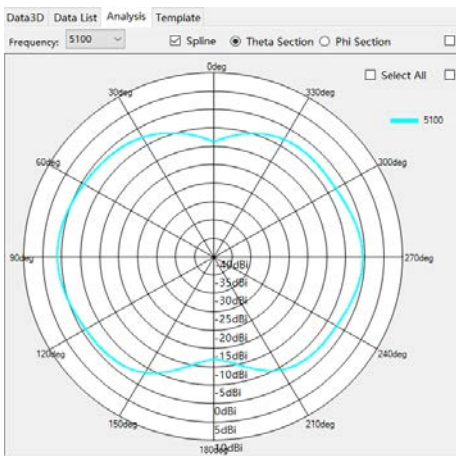
3D



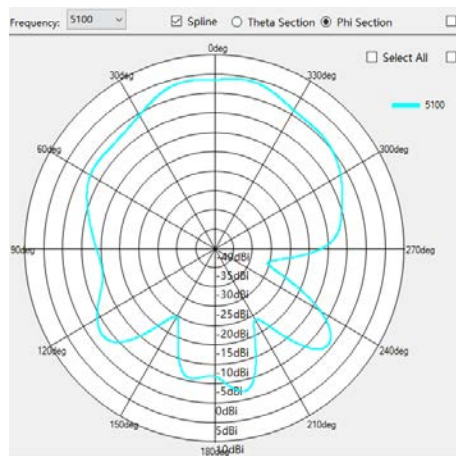
坐标关系示意图

Radiation Pattern @5.1GHz

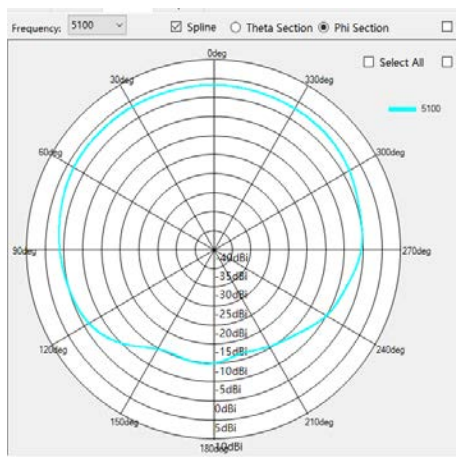
XOY



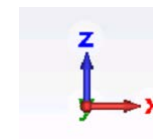
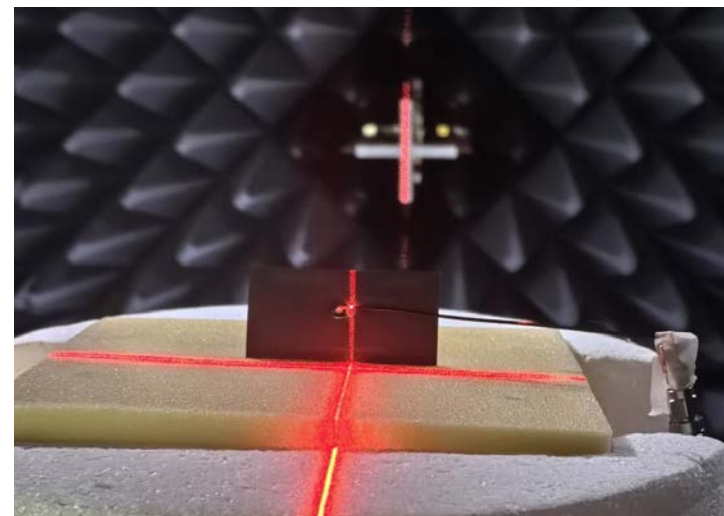
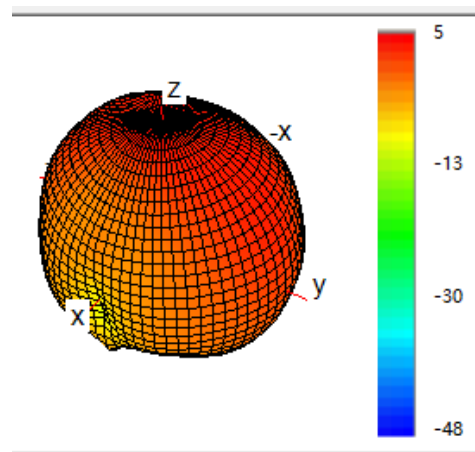
XOZ



YOZ



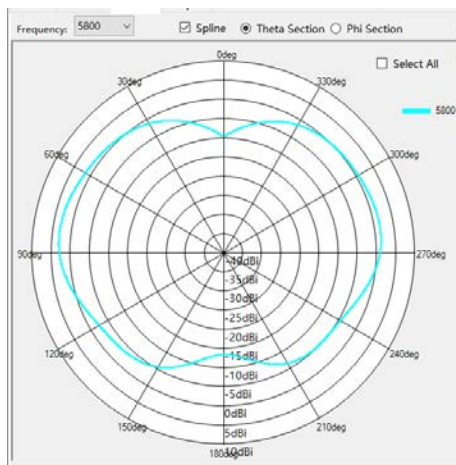
3D



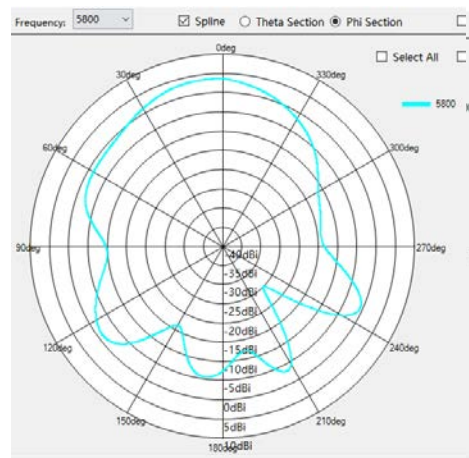
坐标关系示意图

Radiation Pattern @5.8GHz

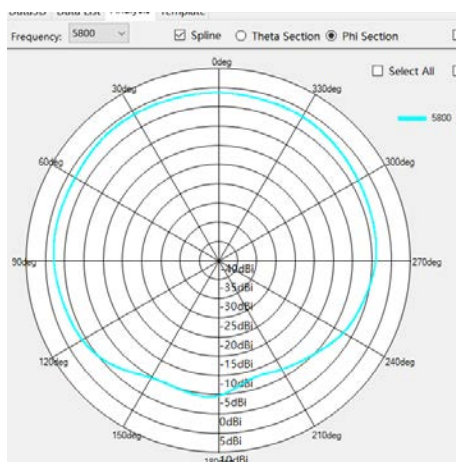
XOY



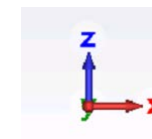
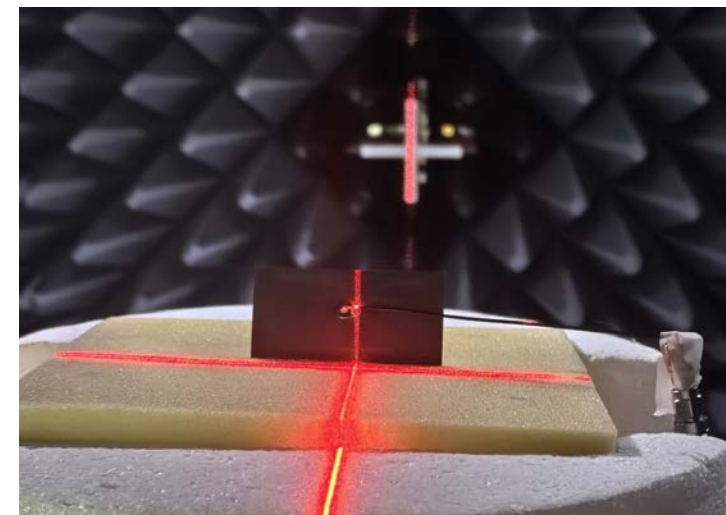
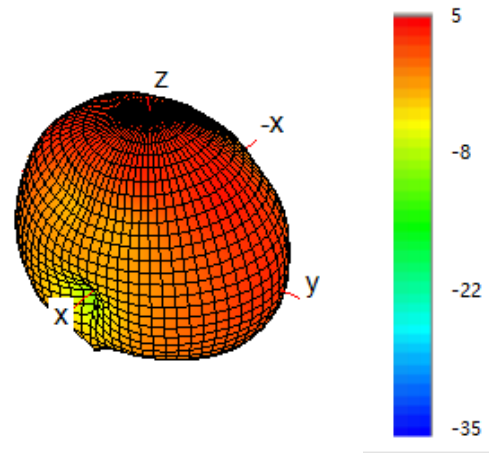
XOZ



YOZ



3D



坐标关系示意图