

深圳祥博一科技有限公司

Shenzhen Xiangboyi Technology Co.,Ltd

❖ 天线测试报告

Antenna Test Report

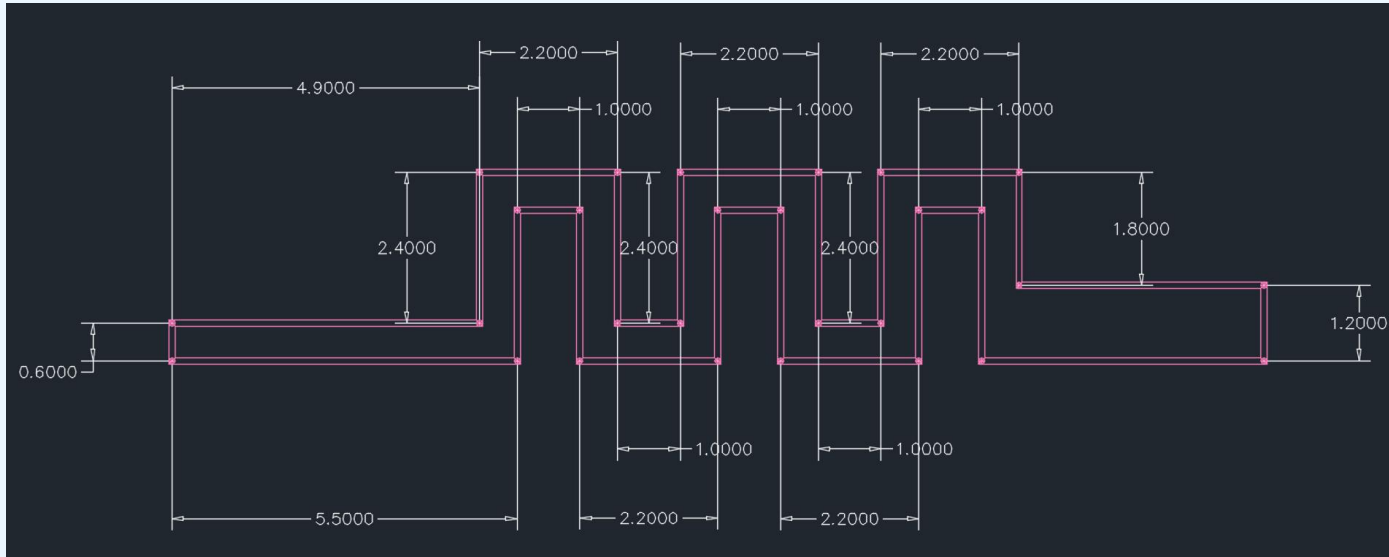
客户案号/ Customer No. :蓝色PCB键盘

日期/Date: 2021年12月6日

项目负责人:郭子俊

Antenna size

unit : mm

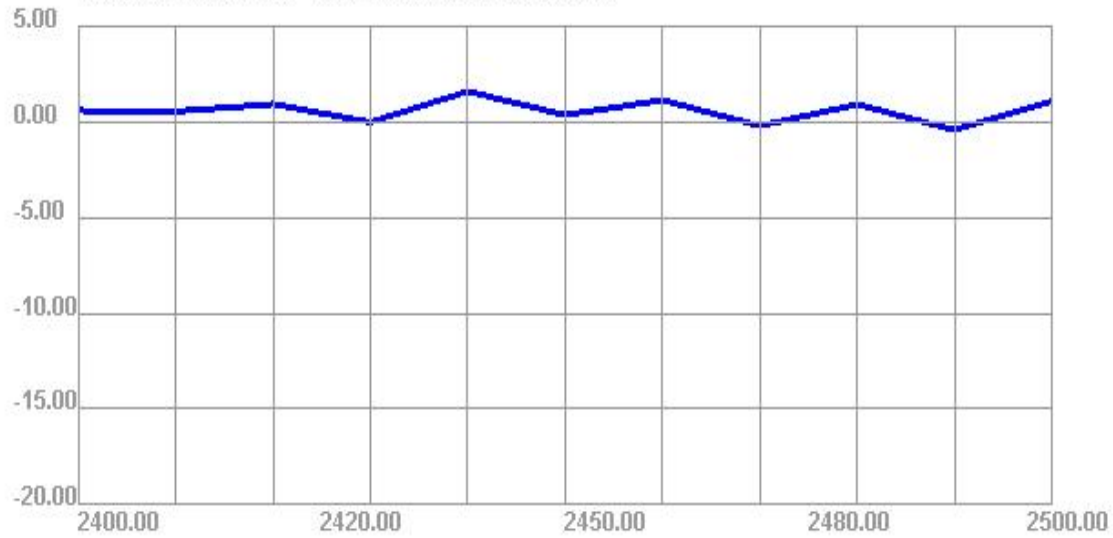


Antenna efficiency:

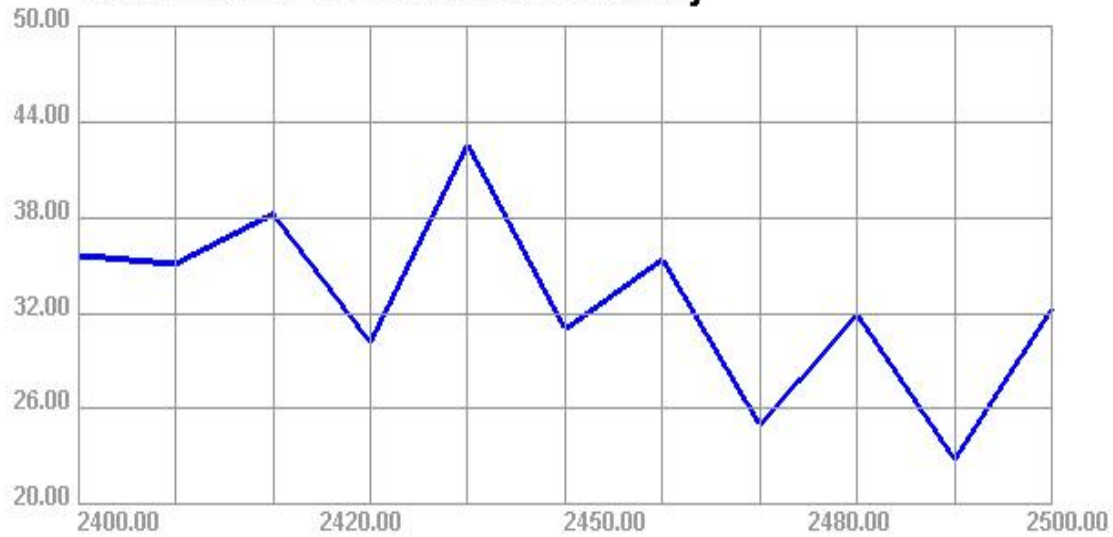
| Passive Test For 2.4G | | | | | | | | | | |
|-----------------------|-------|-------|-------|-------|--------|--------|-------|--------|---------|---------|
| Freq | Effi | Effi | Gain | Gain | UHS | DHIS | Max | Min | Attenut | Attenut |
| (MHz) | (%) | (dB) | (dBi) | (dBd) | (%) | (%) | (dB) | (dB) | Hor | Ver |
| 2400 | 35.63 | -4.48 | 0.58 | -1.57 | 18.111 | 17.516 | 0.58 | -13.44 | 52.04 | 52.1 |
| 2410 | 35.09 | -4.55 | 0.54 | -1.61 | 17.833 | 17.261 | 0.54 | -14.32 | 52.46 | 52.46 |
| 2420 | 38.23 | -4.18 | 0.92 | -1.23 | 19.429 | 18.796 | 0.92 | -14.63 | 52.08 | 52.29 |
| 2430 | 30.16 | -5.21 | -0.02 | -2.17 | 15.37 | 14.787 | -0.02 | -15.68 | 50.32 | 50.23 |
| 2440 | 42.58 | -3.71 | 1.58 | -0.57 | 21.64 | 20.94 | 1.58 | -14.02 | 51.45 | 51.43 |
| 2450 | 30.98 | -5.09 | 0.36 | -1.79 | 15.605 | 15.379 | 0.36 | -15.78 | 50.23 | 50.3 |
| 2460 | 35.38 | -4.51 | 1.12 | -1.03 | 17.671 | 17.712 | 1.12 | -15.33 | 51.42 | 51.44 |
| 2470 | 24.98 | -6.02 | -0.21 | -2.36 | 12.275 | 12.703 | -0.21 | -17.97 | 51.08 | 51 |
| 2480 | 31.92 | -4.96 | 0.9 | -1.25 | 15.54 | 16.384 | 0.9 | -17.82 | 51.42 | 51.44 |
| 2490 | 22.83 | -6.41 | -0.43 | -2.58 | 10.925 | 11.91 | -0.43 | -21.06 | 51.06 | 50.78 |
| 2500 | 32.31 | -4.91 | 1.06 | -1.09 | 15.301 | 17.008 | 1.06 | -20.48 | 51.52 | 51.43 |

ANT 2.4-2.5GHz Antenna pattern

2400.00MHz - 2500.00MHz Gain

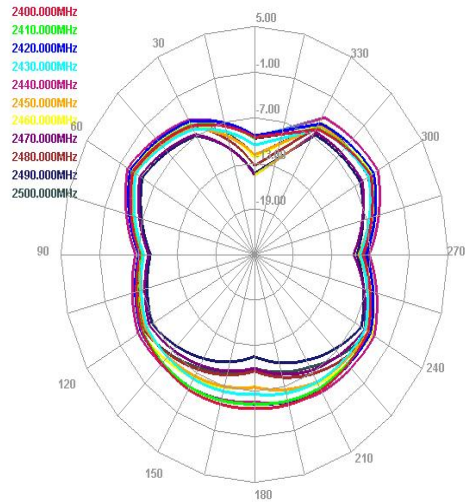


2400.00MHz - 2500.00MHz Efficiency

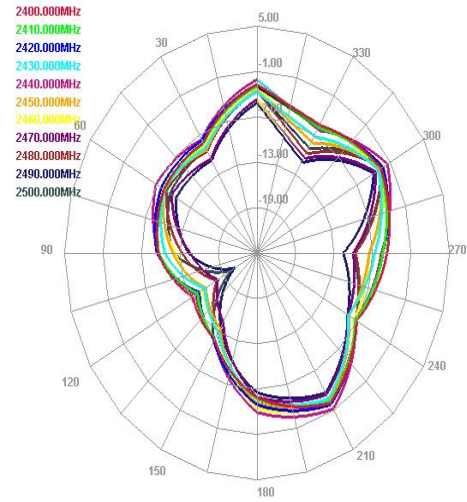


ANT 2.4-2.5GHz Antenna pattern

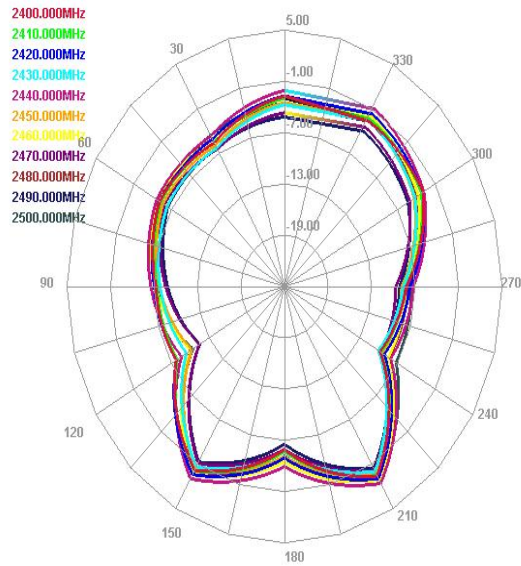
Horizontal



E1 Face



E2 Face



Thanks for your valuable comment!