



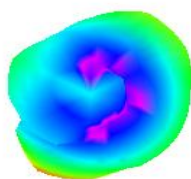
## OTA 天线测试报告

|                              |                                                           |      |            |       |     |
|------------------------------|-----------------------------------------------------------|------|------------|-------|-----|
| 客户名称                         | 速鼎                                                        | 测试日期 | 2024.11.02 | 测试工程师 | 徐茂森 |
| 项目名称                         | BY969                                                     | 测试结果 | \          | 联系电话  |     |
| 测试条件<br>Test<br>Conditions   | 常温环境下温度：21℃， 湿度：50%RH<br>Humidity: 50%, Temperature: 21℃, |      |            |       |     |
| 测试设备<br>Test<br>Equipment    | SATIMO-OTA 实验室；CMW500；MT8000；E5071C 等<br>SATIMO-OTA Lab,  |      |            |       |     |
| 测试环境<br>Test Ambient         | 温度(Temperature):__25__℃          湿度(Humidity):__40__RH    |      |            |       |     |
| 判定标准<br>Decision<br>criteria | 见下表 TRP/TIS 故障判定标准<br>Look at the table of TRP and TIS    |      |            |       |     |
| 总结:                          |                                                           |      |            |       |     |

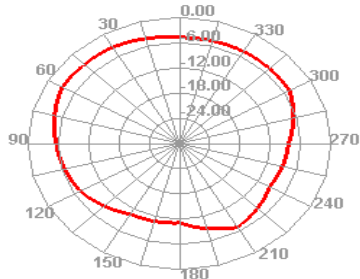
# BT/WIFI 2.4G

| Passive Test For 2.4G |          |           |            |
|-----------------------|----------|-----------|------------|
| Freq (MHz)            | Effi (%) | Effi (dB) | Gain (dBi) |
| 2400                  | 27.01    | -5.69     | 0.44       |
| 2410                  | 28.9     | -5.39     | 0.8        |
| 2420                  | 28.97    | -5.38     | 0.68       |
| 2430                  | 28.36    | -5.47     | 0.51       |
| 2440                  | 27.27    | -5.64     | 0.19       |
| 2450                  | 24.87    | -6.04     | -0.48      |
| 2460                  | 23.77    | -6.24     | -1.03      |
| 2470                  | 22.39    | -6.5      | -1.55      |
| 2480                  | 22.04    | -6.57     | -1.85      |
| 2490                  | 22.28    | -6.52     | -1.93      |
| 2500                  | 22.05    | -6.57     | -2.08      |

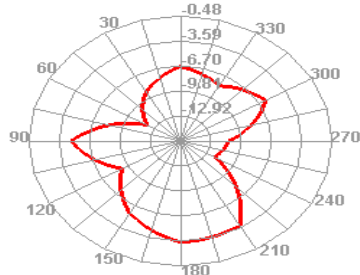
2450.000MHz



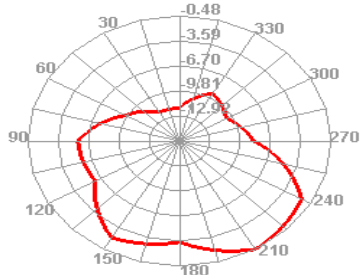
2450.000MHz H

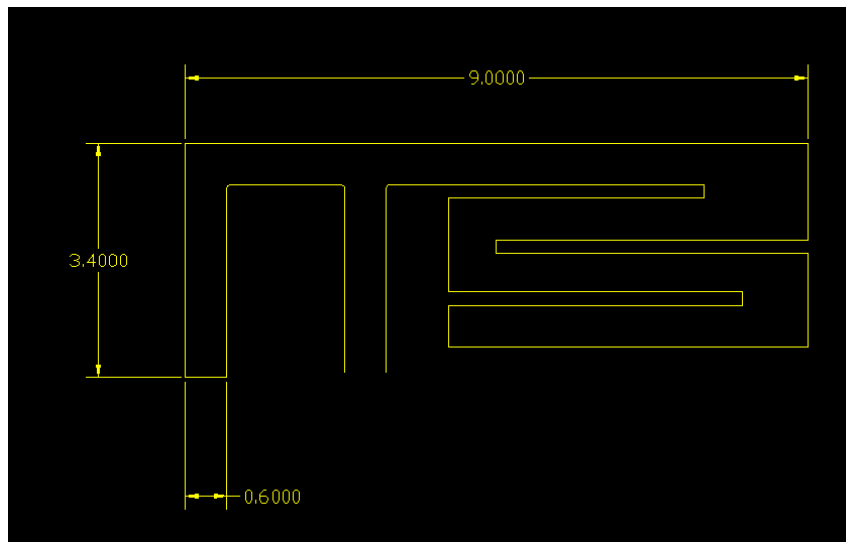


2450.000MHz E1



2450.000MHz E2

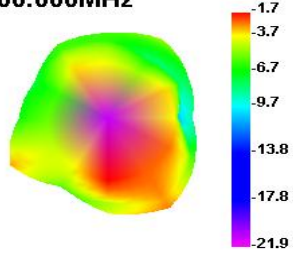




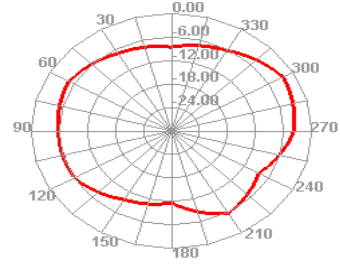
### WIFI/5G

| Passive Test For 5G |             |              |               |
|---------------------|-------------|--------------|---------------|
| Freq<br>(MHz)       | Effi<br>(%) | Effi<br>(dB) | Gain<br>(dBi) |
| 5000                | 29.22       | -5.34        | -0.35         |
| 5040                | 23.73       | -6.25        | -1.91         |
| 5080                | 27.04       | -5.68        | -1.56         |
| 5120                | 27.21       | -5.65        | -1.82         |
| 5160                | 21.34       | -6.71        | -2.68         |
| 5200                | 18.63       | -7.3         | -2.23         |
| 5240                | 18.27       | -7.38        | -2.05         |
| 5280                | 16.28       | -7.88        | -2.48         |
| 5320                | 18.62       | -7.3         | -2.61         |
| 5360                | 16.8        | -7.75        | -2.82         |
| 5400                | 22.85       | -6.41        | -1.65         |
| 5440                | 19          | -7.21        | -2.73         |
| 5480                | 20.38       | -6.91        | -1.81         |
| 5520                | 22.6        | -6.46        | -1.74         |
| 5560                | 25.78       | -5.89        | -1.19         |
| 5600                | 22.39       | -6.5         | -1.58         |
| 5640                | 20          | -6.99        | -2.59         |
| 5680                | 21.1        | -6.76        | -2.33         |
| 5720                | 28.28       | -5.49        | -1.17         |
| 5760                | 28.53       | -5.45        | -1.62         |
| 5800                | 28.04       | -5.52        | -1.83         |

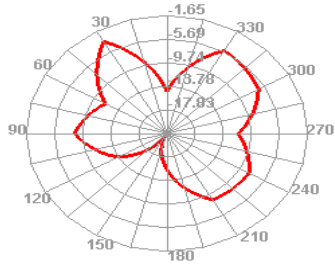
5400.000MHz



5400.000MHz H



5400.000MHz E1



5400.000MHz E2

