

# 承認書

## APPROVAL SHEET

|                          |                                    |
|--------------------------|------------------------------------|
| 客 户 :                    | Shenzhen Benze Technology Co., LTD |
| 品 名 规 格<br>DESCRIPTION:  | SC-93-2.4G-0.81                    |
| 料 号<br>PART NO.:         | /                                  |
| 客 户 料 号<br>CUS PART NO.: | /                                  |
| 日 期<br>D A T E:          | 2025-6-3                           |

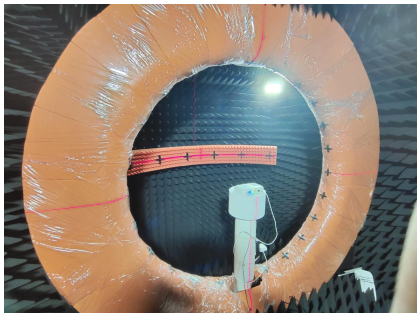
联系电话:

※ 承认书一式三份，惠蒙贵司承认签章

※ Approval in duplicate, please signed by your company.

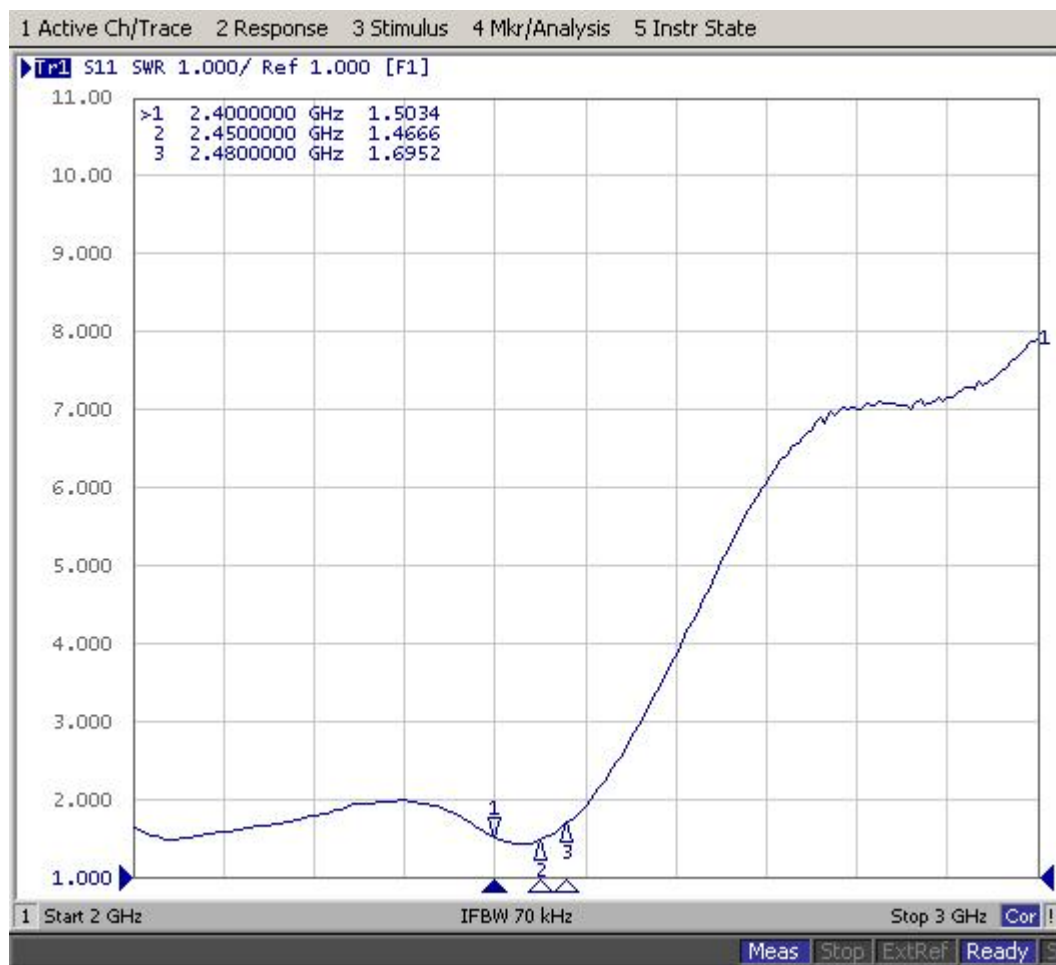
1. 测试项目与设备/Testing items and equipment

|                            | 测试项目                                     | 设备                                                                                                                         |
|----------------------------|------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| 1. S11 参数<br>(S-parameter) | 1. 回波损耗 (Return Loss)<br>2. 电压驻波比 (VSWR) | 网络分析仪: Agilent E5071B<br>HP 8753D                                                                                          |
| 2. 有源测试<br>(Active)        | 1. 发射功率 (TRP)<br>2. 接收灵敏度 (TIS)          | 1. 暗室: ETS 7x4x3 m (3D) Chamber<br>ETS 5x3x3 m (3D) Chamber<br>2. 综合测试仪: Agilent 8960 E5515B ×2<br>StarPoint SP6011 Cmw500 |
| 3. 无源测试<br>(Passive)       | 1. 天线增益 (Gain) 2. 天线效率 (Efficiency)      | 1. 暗室: ETS 7x4x3 m (3D) Chamber<br>ETS 5x3x3 m (3D) Chamber<br>2. 网络分析仪: Agilent E5071B<br>HP 8753D                        |



## 2. 天线性能/antenna performance

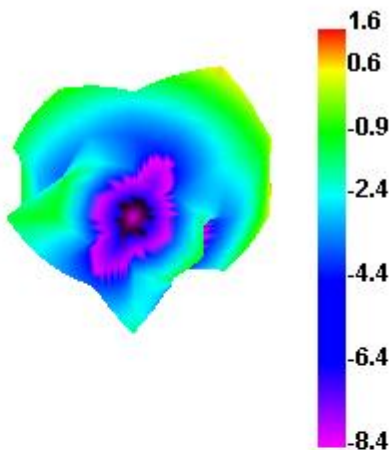
### SWR



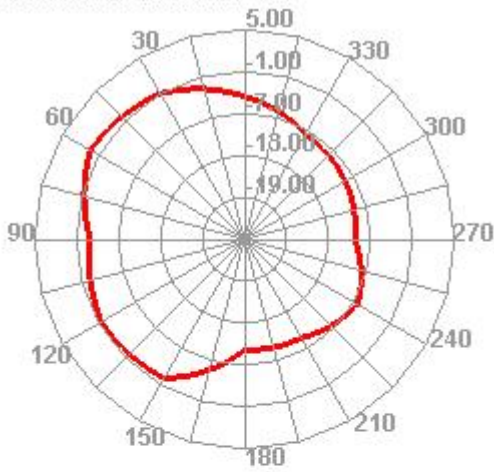
3. 天线效率与增益/Antenna efficiency and gain

| Passive Test For WIFI2.4 |             |               |
|--------------------------|-------------|---------------|
| Freq<br>(MHz)            | Effi<br>(%) | Gain<br>(dBi) |
| 2400                     | 43.07       | 1.59          |
| 2410                     | 41.87       | 1.49          |
| 2420                     | 38.83       | 1.09          |
| 2430                     | 38.73       | 1.12          |
| 2440                     | 40.36       | 1.32          |
| 2450                     | 42.31       | 1.57          |
| 2460                     | 42.75       | 1.62          |
| 2470                     | 42.8        | 1.57          |
| 2480                     | 42.52       | 1.42          |
| 2490                     | 42.19       | 1.2           |
| 2500                     | 40.25       | 0.81          |

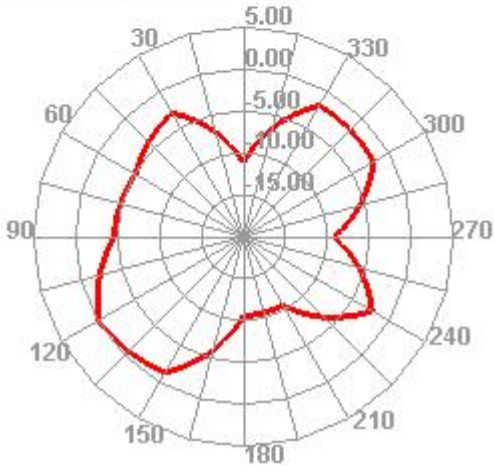
2450.000MHz



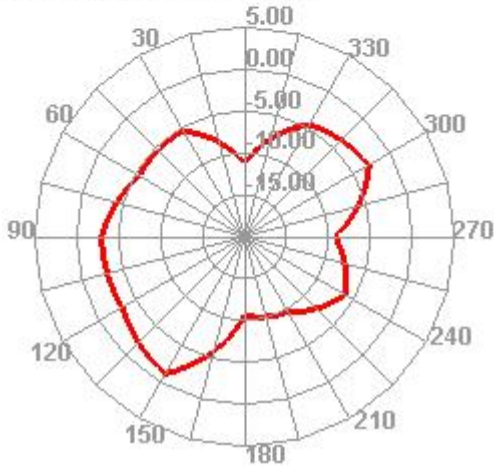
2450.000MHz H



2450.000MHz E1



2450.000MHz E2



4. 天线结构图/Antenna structure diagram:

