

# 产品规格书

## SPECIFICATION

客户:  
CUSTOMER:

供应商: 深圳市扬程通电子有限公司  
SUPPLIER: SHENZHEN MHZ. TD CO., LTD

产品名称: 黑色外置可折天线 (2.4G/5G兼容)  
DESCRIPTION:

产品编码:  
MATERIAL CODE:

供应商产品名称: 黑色外置可折天线 (2.4G/5.8G兼容)  
SUPPLIER PRODUCT NAME:

供应商物料编码:  
SUPPLIER MATERIAL CODE:

日期: 2022.1.12  
DATE:

| 供应商<br>SUPPLIER   |                  |                   |
|-------------------|------------------|-------------------|
| 拟制<br>PREPARED BY | 审核<br>CHECKED BY | 批准<br>APPROVED BY |
|                   |                  |                   |

| 客户<br>CUSTOMER    |                  |                   |
|-------------------|------------------|-------------------|
| 承认<br>ACCEPTED BY | 审核<br>CHECKED BY | 批准<br>APPROVED BY |
|                   |                  |                   |

备注: 承认盖章后请回复一份承认书或复印件给我司, 其余由贵公司存档。  
REMARK: Please send us one or copy of this approval with stamp after accepting, other copies filed by the customer.

地址: 深圳市龙岗区  
ADD:

邮编Postal code:  
电话Tel:0755- 传真Fax:0755-

Http:

## 修订履历

## REVISION HISTORY

[illegible]

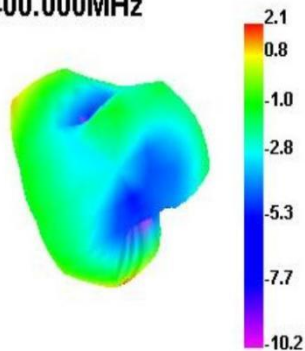
四.Product parameters

2.4G/5.1GDual frequency rubber antenna

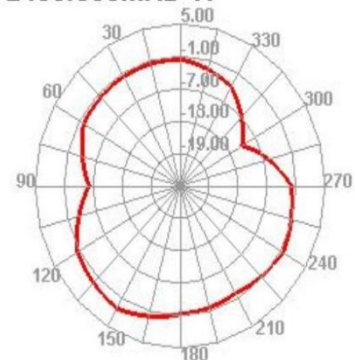
| 表1    |                                         |                  |           |
|-------|-----------------------------------------|------------------|-----------|
| NO    | project<br>Receiving frequency<br>range | 特性               | 实验室允许附加误差 |
| 4.1.1 | Voltage standing wave<br>ratio          | 2.4G-2.5G/5.8G   | ——        |
| 4.1.2 | directional                             | 对比波形             | ——        |
| 4.1.3 | Radiating element                       | Omni-directional | ——        |
| 4.1.4 | Line mode                               | 1/4 Ware Helical | ——        |
| 4.1.5 | power                                   | Linear Vertical  | ——        |
| 4.1.6 | The characteristic                      | 1W               | ——        |
| 4.1.7 | impedance                               | 50 OHM           | ——        |
| 4.1.8 | Joint type                              | SMA              | ——        |
| 4.1.9 | The weight of the                       | 7.57g            | ±0. 3g    |

| Passive Test For 2400-2500 |             |              |               |            |             |             |             |                |                |
|----------------------------|-------------|--------------|---------------|------------|-------------|-------------|-------------|----------------|----------------|
| Freq<br>(MHz)              | Effi<br>(%) | Effi<br>(dB) | Gain<br>(dBi) | UHS<br>(%) | DHIS<br>(%) | Max<br>(dB) | Min<br>(dB) | Attenut<br>Hor | Attenut<br>Ver |
| 2400                       | 62.4        | -2.05        | 2.06          | 26.7       | 35.695      | 2.06        | -10.16      | 48.55          | 48.51          |
| 2410                       | 62          | -2.08        | 1.81          | 26.8       | 35.218      | 1.81        | -9.81       | 48.59          | 48.53          |
| 2420                       | 56.2        | -2.5         | 1.17          | 24.5       | 31.7        | 1.17        | -10.26      | 48.73          | 48.42          |
| 2430                       | 53.4        | -2.73        | 0.73          | 23.7       | 29.639      | 0.73        | -10.6       | 48.44          | 48.12          |
| 2440                       | 60.9        | -2.16        | 1.05          | 27.6       | 33.234      | 1.05        | -9.96       | 48.55          | 48.21          |
| 2450                       | 64.7        | -1.89        | 1.02          | 30         | 34.742      | 1.02        | -9.68       | 48.76          | 48.47          |
| 2460                       | 60.5        | -2.19        | 0.47          | 28.6       | 31.893      | 0.47        | -10.02      | 49.04          | 48.68          |
| 2470                       | 57.3        | -2.42        | 0.19          | 27.4       | 29.903      | 0.19        | -10.08      | 48.91          | 48.68          |
| 2480                       | 63.6        | -1.97        | 0.57          | 30.8       | 32.767      | 0.57        | -9.97       | 48.86          | 48.43          |
| 2490                       | 73.2        | -1.35        | 1.21          | 36         | 37.26       | 1.21        | -9.61       | 49.07          | 48.72          |
| 2500                       | 69.7        | -1.57        | 1.06          | 34.7       | 35.013      | 1.06        | -10.33      | 49.21          | 48.76          |

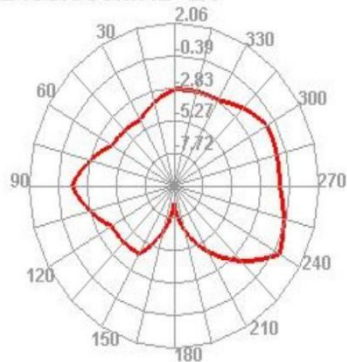
2400.000MHz



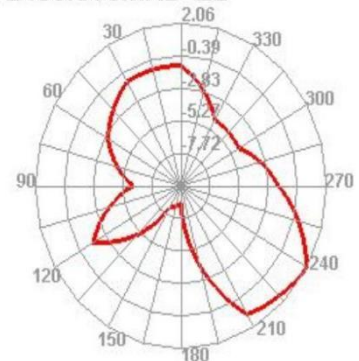
2400.000MHz H



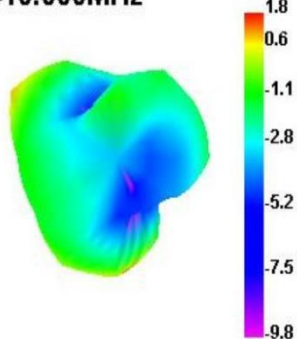
2400.000MHz E1



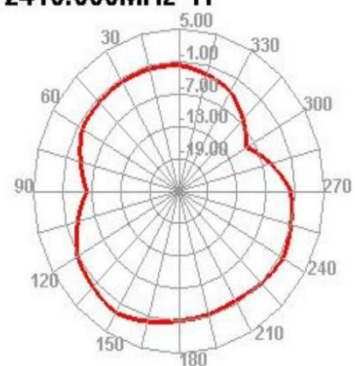
2400.000MHz E2



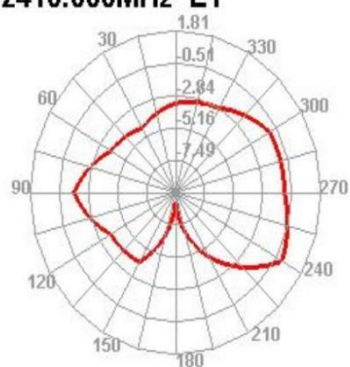
2410.000MHz



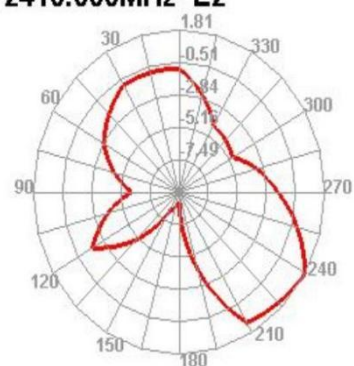
2410.000MHz H



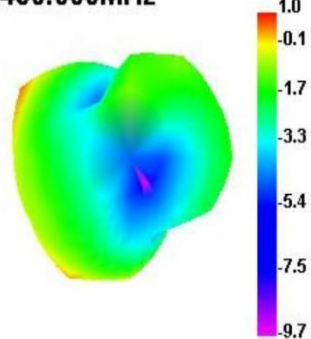
2410.000MHz E1



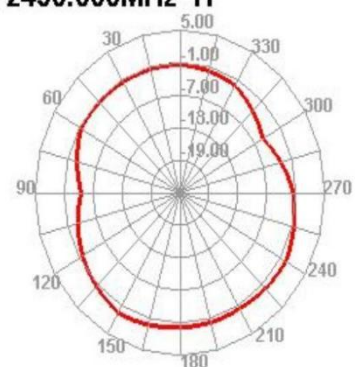
2410.000MHz E2



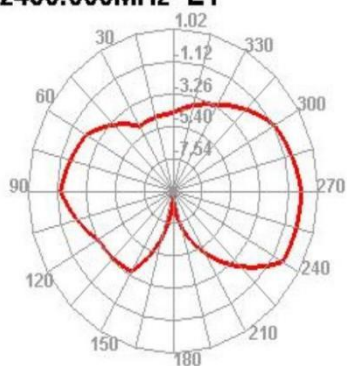
2450.000MHz



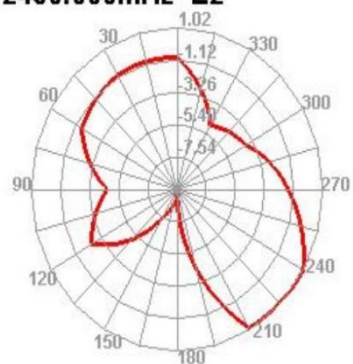
2450.000MHz H



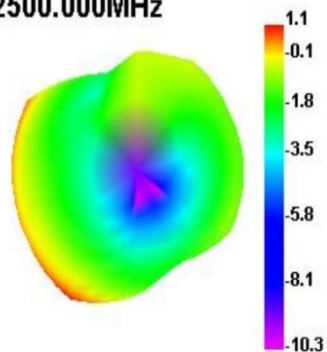
2450.000MHz E1



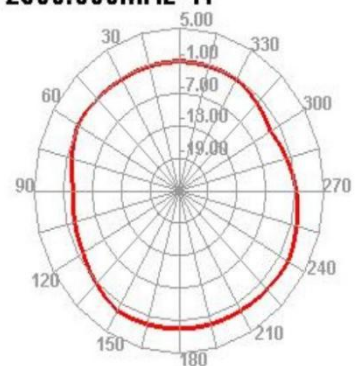
2450.000MHz E2



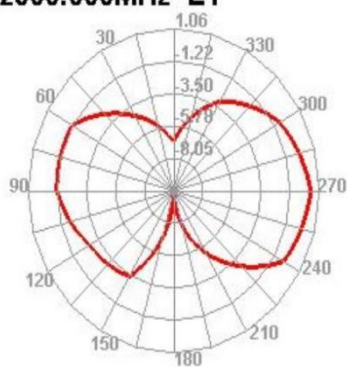
2500.000MHz



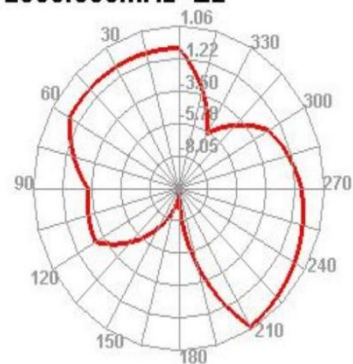
2500.000MHz H



2500.000MHz E1



2500.000MHz E2



## 六: Darkroom test report

| Passive Test For 5710-5850 |             |              |               |            |            |             |             |                |                |
|----------------------------|-------------|--------------|---------------|------------|------------|-------------|-------------|----------------|----------------|
| Freq<br>(MHz)              | Effi<br>(%) | Effi<br>(dB) | Gain<br>(dBi) | UHS<br>(%) | DHS<br>(%) | Max<br>(dB) | Min<br>(dB) | Attenut<br>Hor | Attenut<br>Ver |
| 5710                       | 63.6        | -1.96        | 1.55          | 33.3       | 30.287     | 1.55        | -14.87      | 62.36          | 61.76          |
| 5780                       | 59.8        | -2.24        | 1.12          | 31.4       | 28.336     | 1.12        | -12.43      | 62.8           | 62.24          |
| 5850                       | 52.9        | -2.77        | 0.73          | 28.2       | 24.658     | 0.73        | -11.96      | 63.41          | 62.86          |

