

**●Electrical Performance:**

1. Frequency Range: 2.4/5.8GHz
2. Impedance: 50 Ohms nominal
3. VSWR:  $\leq 1.92$
4. Gain: 2dBi
5. Connector Type: I-PEX

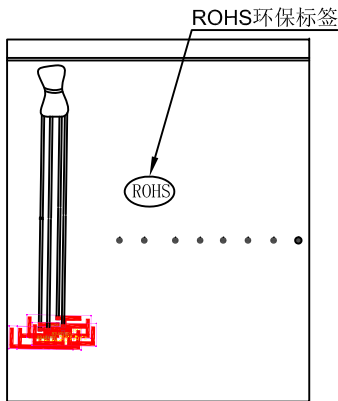
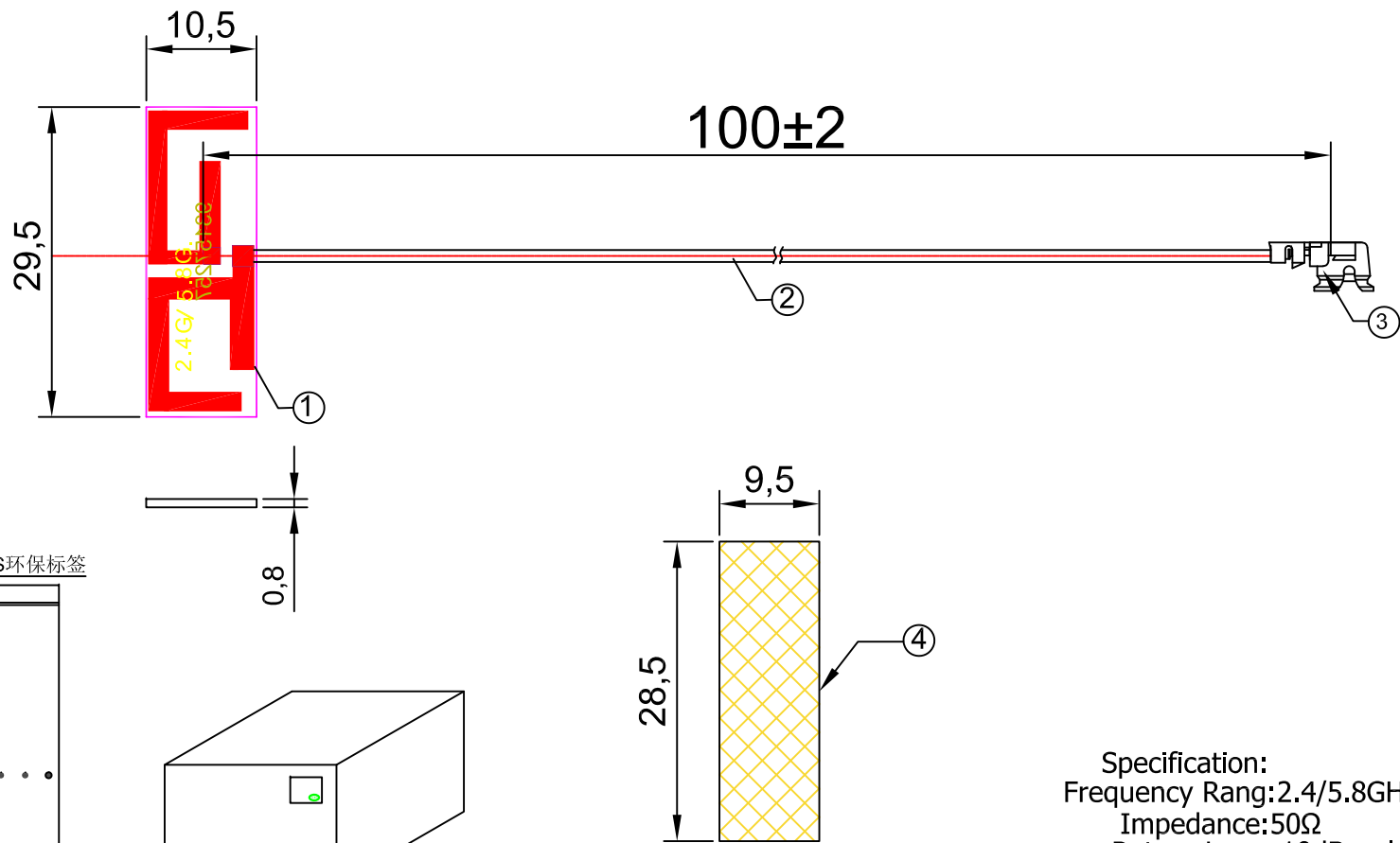
**●Mechanical properties:**

1. Cable: MI1.13 cable, 50 Ohm
2. Operation temperature range:  $-20^{\circ}\text{C} \sim +70^{\circ}\text{C}$
3. Storage temperature range:  $-30^{\circ}\text{C} \sim +80^{\circ}\text{C}$
4. Color:

成品图

ROHS

| REV. | 修订内容 | 修订时间       |
|------|------|------------|
| X1   | 新版发行 | 2024.10.17 |



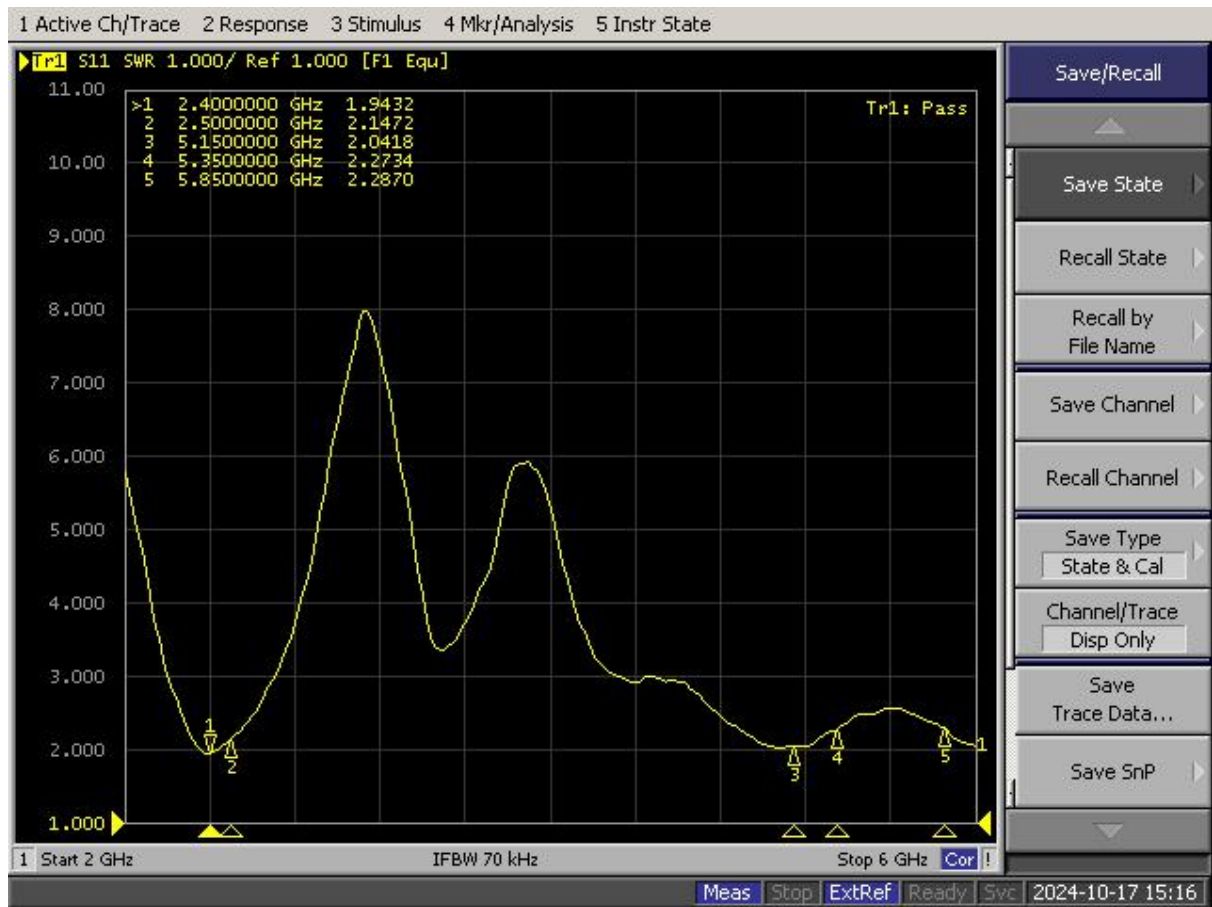
50PCS/Bundle  
100PCS/Bag

- 1.内包装需贴1PCS/ROHS标签于外箱标签上  
2.外箱需贴1PCS/外箱标签于外箱侧麦右上角

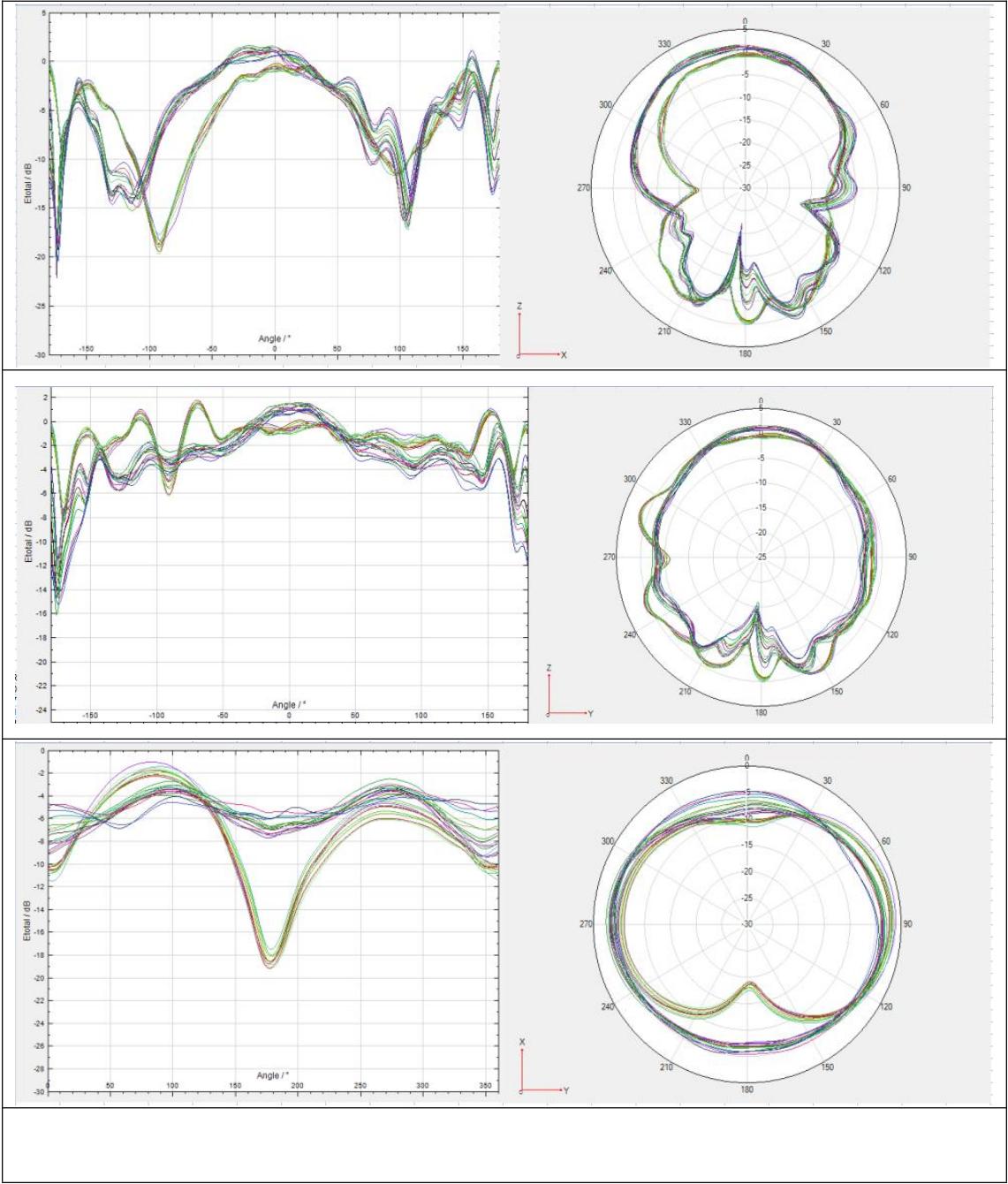
Specification:  
Frequency Rang:2.4/5.8GHz  
Impedance:50Ω  
Return Loss:-10dB or less  
VSWR:1.92

|     |             |                        |      |        |
|-----|-------------|------------------------|------|--------|
| 4   | 3M胶         | 3M Adhesive 9.5*28.5mm | 1    |        |
| 3   | Connector   | MHF Plug for 1.13Cable | 1    |        |
| 2   | Cable       | Φ 1.13Cable,Black50, Ω | 1    |        |
| 1   | PCB         | Brass ,29.5*10.5*0.8mm | 1    |        |
| NO. | DESCRIPTION |                        | Q'TY | REMARK |

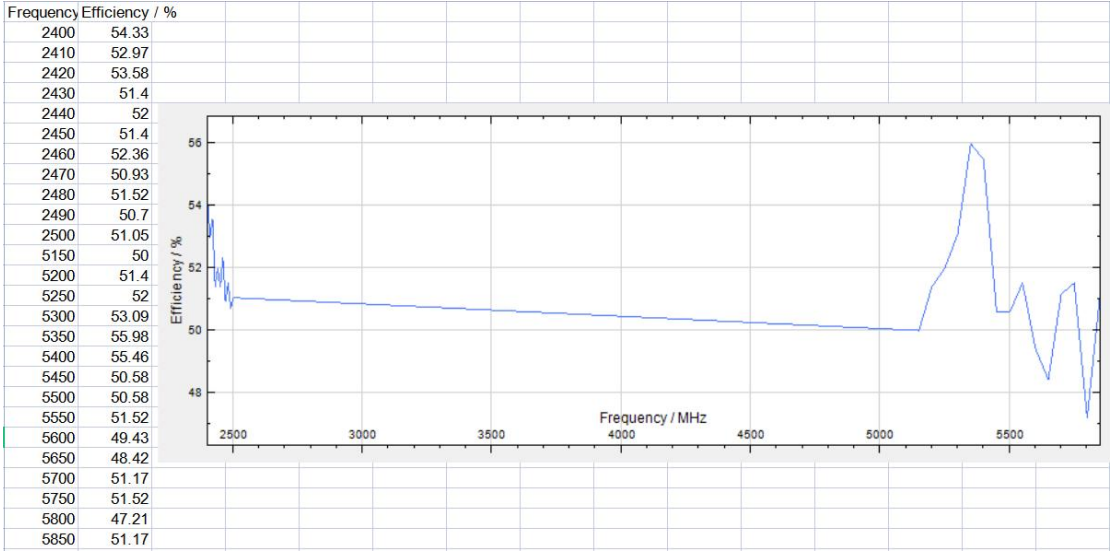
|                                              |  |               |          |                      |          |
|----------------------------------------------|--|---------------|----------|----------------------|----------|
| TITLE:                                       |  | PCB Antenna   |          |                      |          |
| P/N:                                         |  |               |          |                      |          |
| CUSTOMER:                                    |  | KS210         |          |                      |          |
| DRAW NO.:                                    |  | KS210-10001-A |          |                      |          |
| DIMENSIONS TOLERANCES UNLESS OTHERWISE NOTED |  |               |          |                      |          |
| 一般公差<br>TOLERANCE                            |  | .XXX ±0.05    | XX. ±1.0 |                      | APPROVED |
|                                              |  | .XX ±0.1      |          |                      |          |
|                                              |  | .X ±0.2       |          | SHEET1/1: SCALE:NONE | CHECKED  |
|                                              |  | X. ±0.5       |          |                      |          |
|                                              |  | UNIT: mm      | REV.X1   | DRAWN                | 黄炜杰      |



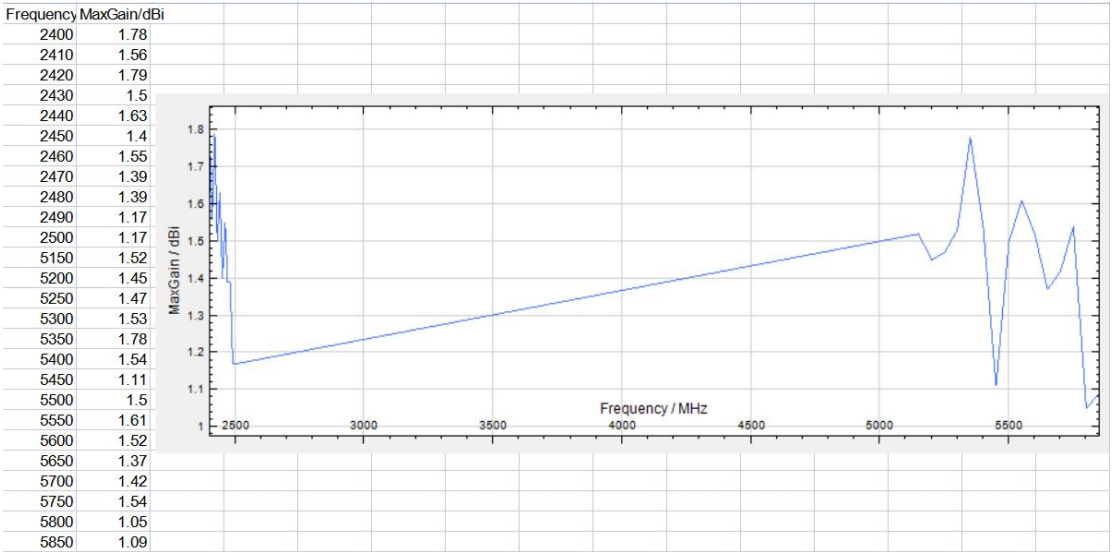
Antenna 2D Report(2.4/5.8GHz)



Antenna Efficiency(2.4/5.8GHz)

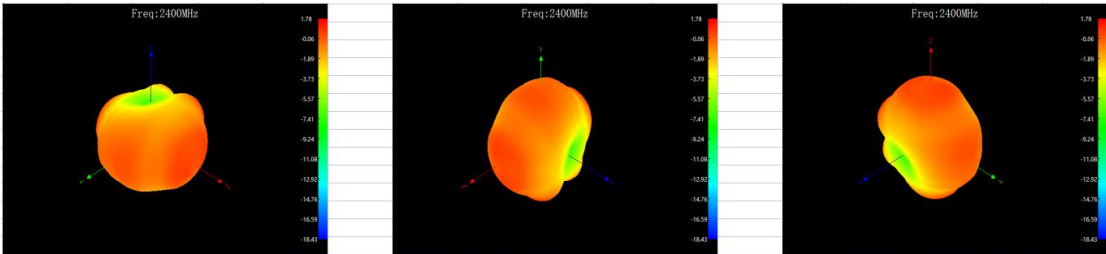


Gain (2.4/5.8GHz)

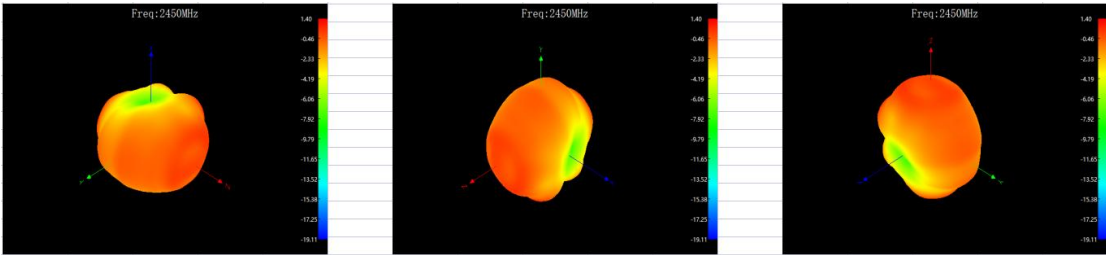


# Antenna 3D Report(2.4GHz)

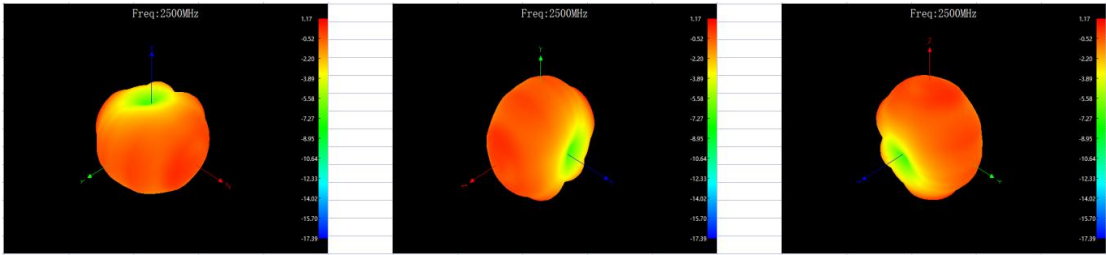
2400MHz



2450MHz

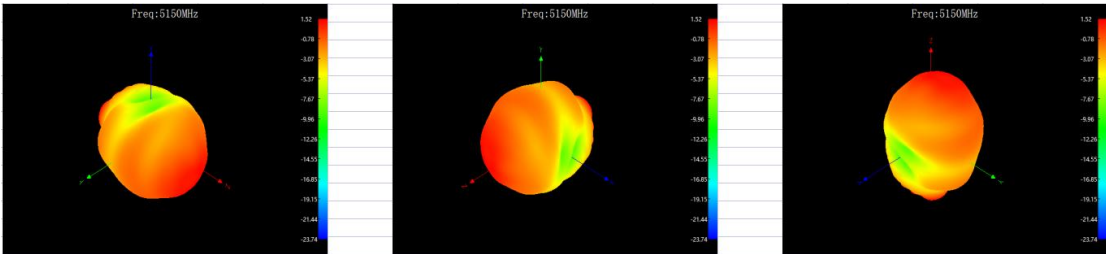


2500MHz

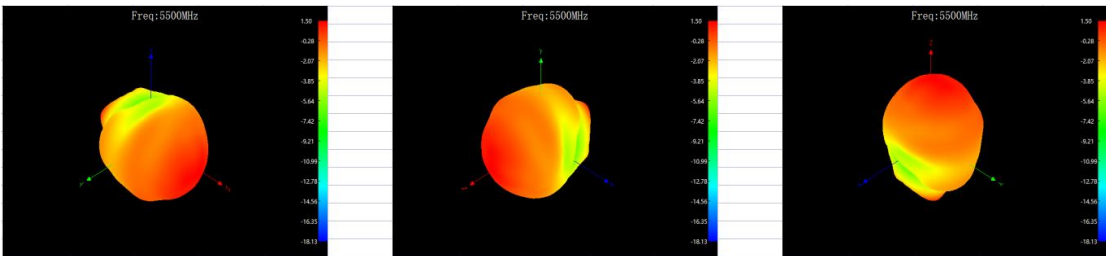


# Antenna 3D Report(5.8GHz)

5150MHz



5500MHz



5800MHz

