

Shenzhen Sensewell Technology Co.,Ltd

Address:5th Floor, Building B1, No. 2 First Road Jixiang, Pingxi Community Road,
Pingdi Town, Longgang District, Shenzhen,China.518116.
Tell : +86-0755-84824872 Phone: +18898777195



Product Name embedded 2.4ghz wifi PCB antenna
Model No. SXW-2.4G-094
Note:2400-2500mhz, 3dbi gain,30mm UFL connector,ROHS,CE

1.PRODUCT TECHNICAL SPECIFICATION

Electrical Specifications

| | |
|---------------------|--------------|
| Centre Frequency | 2400-2500MHz |
| Gain | 3dBi |
| VSWR | ≤1.5 |
| Input Impedance | 50Ω |
| Polarization | Vertical |
| Max Input Power (w) | 50 |

Mechanical Specifications

| | |
|---------------------|---|
| Working Temperature | -40℃~ + 80℃ |
| Connector Type | UFL （FME/BNC/MCX/MMCX and so on） |
| Size | 35*5*0.8mm or customized |
| Cable length | 30mm(Can be shorter or longer) |

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2.PRODUCT PICTURE

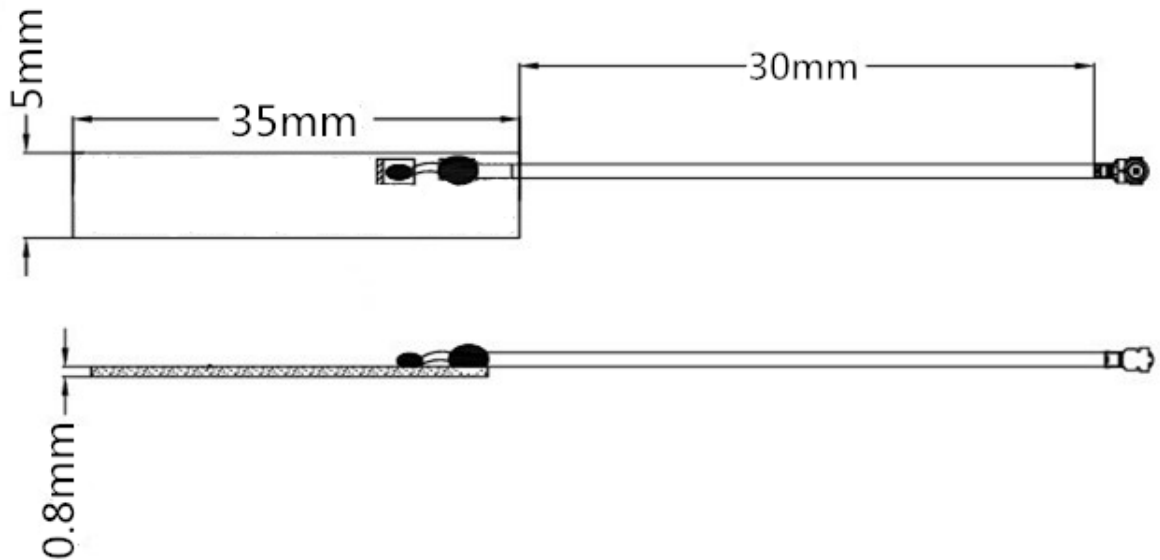


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3.PRODUCT TECHNICAL SPECIFICATION



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4.ELECTRIC APPLIANCE CHARACTERISTICS

| ITEM | | TEST CONDITION | SPECIFICATION |
|------|---------------|---|---------------|
| 1 | Return Loss | Using Agilent Network Analyzer 8753ET to Measure Antenna S11 Return Loss Characteristics. | |
| 2 | VSWR | Using Agilent Network Analyzer 8753ET to Measure Antenna S11 VSWR Characteristics. | |
| 3 | Smith chart | Using Agilent Network Analyzer 8753ET to Measure Antenna S11 Gain Response Characteristics. | |
| 4 | Gain response | Using Agilent Network Analyzer 8753ET to Measure Antenna S21 Gain Response Characteristics. | |

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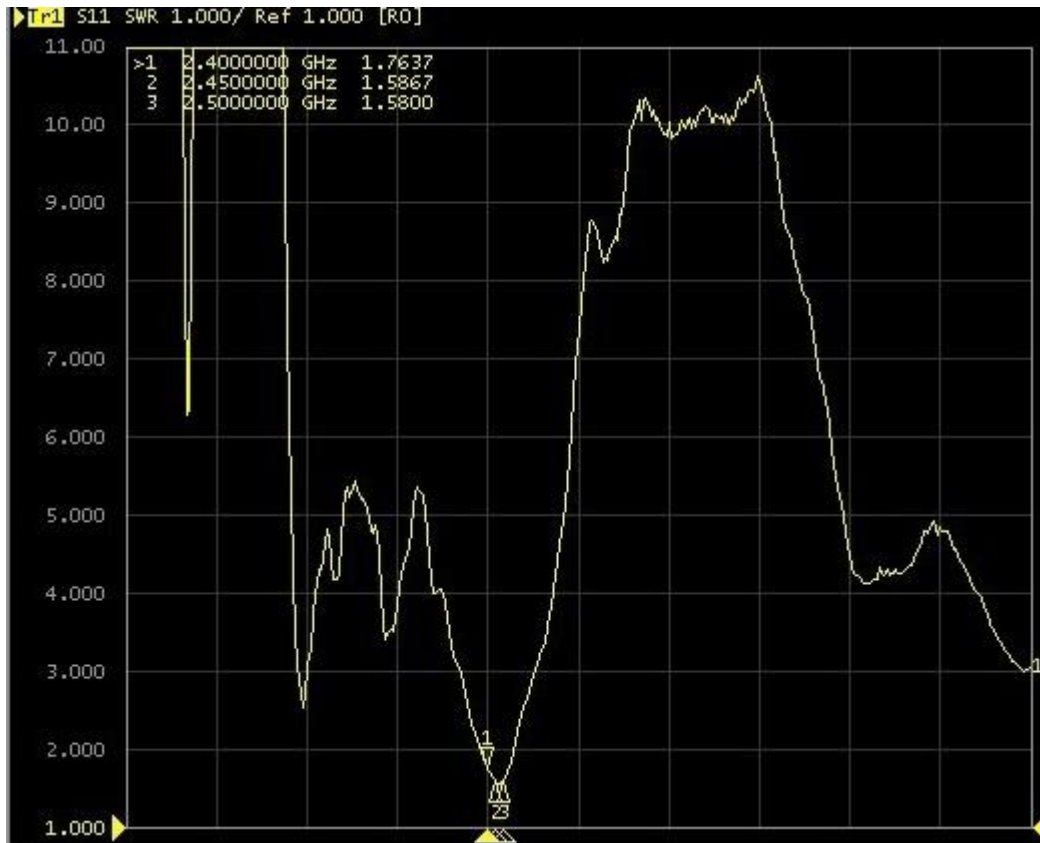
5.Testing Report



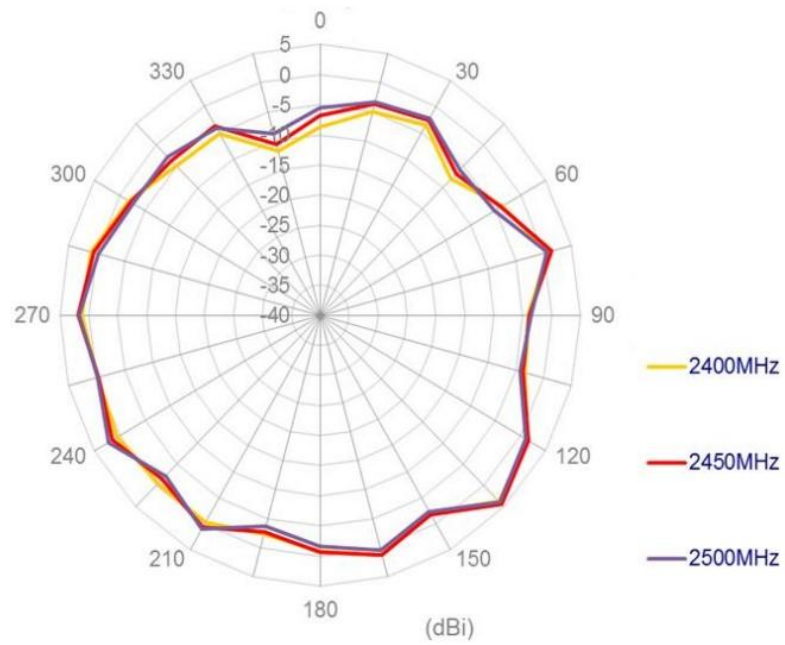
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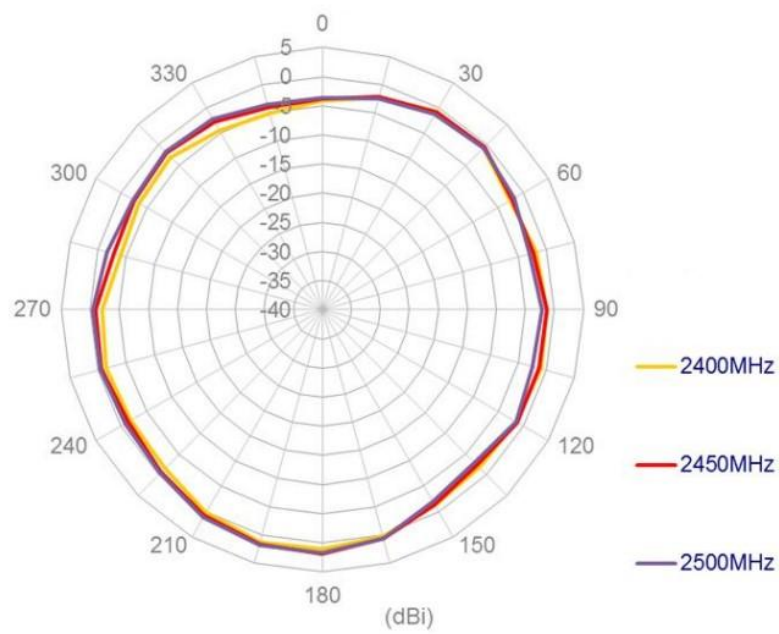
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X-Z Plane



X-Y Plane



Y-Z Plane

