

# Test Report

## 一、 Test environment:

<b>Temperature</b>	24°C
<b>Humidity</b>	55%RH
<b>Atmospheric pressure</b>	100.04kPa

## 二、 Sample information:

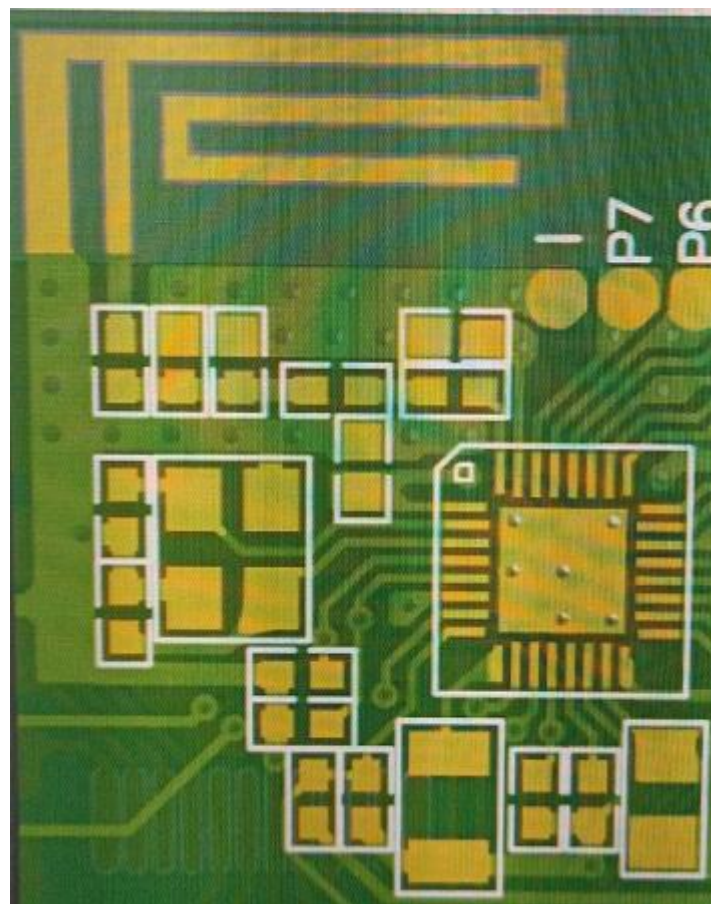
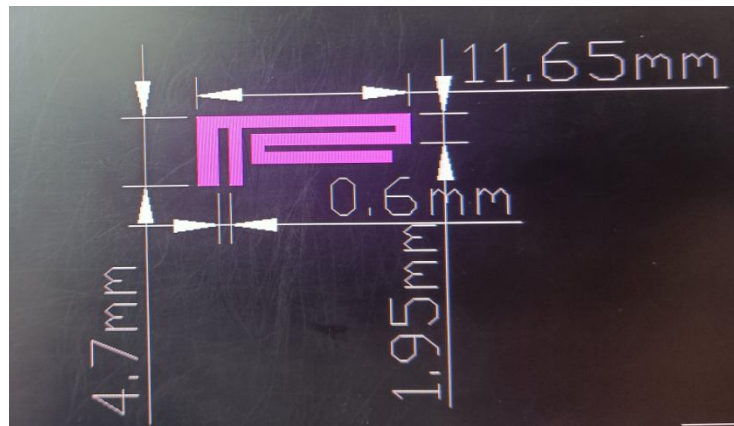
<b>Product name</b>	<b>2.4G ANT</b>
<b>Specification Size</b>	18mm x 12mm x 0.8mm
<b>Test Project</b>	Standing Wavebie: Gain; Radiation efficiency; Radiation pattern
<b>Frequency Band Range</b>	2400-2500MHZ
<b>Test Data</b>	2020.09.01

### 三、 Test Results

#### 1. Antenna Specification

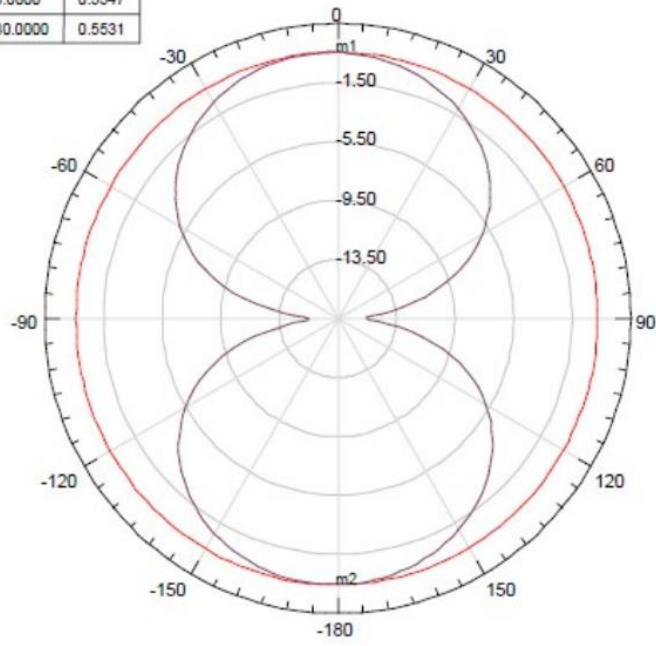
ITEM	ANT SPEC	
Polarization	Horizontal	
Center Frequency	2400 MHZ 2450 MHZ 2500 MHZ	0.71 dBi 0.62 dBi -3.22 dBi
Polarization	Vertical	
Center Frequency	2400 MHZ 2450 MHZ 2500 MHZ	-0.53 dBi -1.10 dBi -3.99dBi
Azimuth Beam Pattern	Omni-directional	
Impedance	50 $\Omega$	
Antenna Length	33.15mm	
Model Name	YUHN	

## 2. Antenna Photo & Length



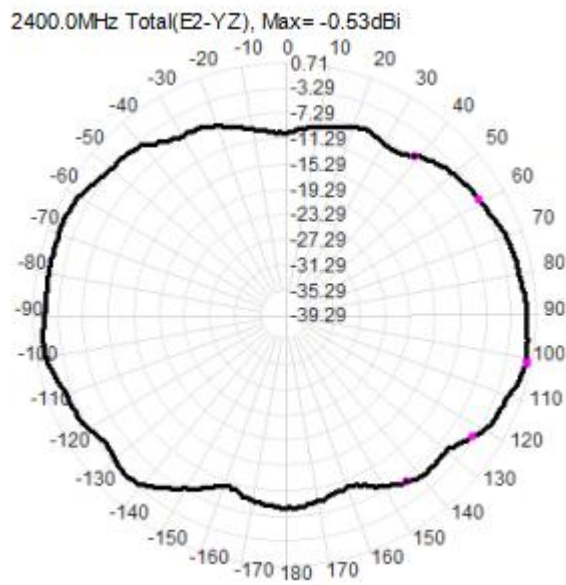
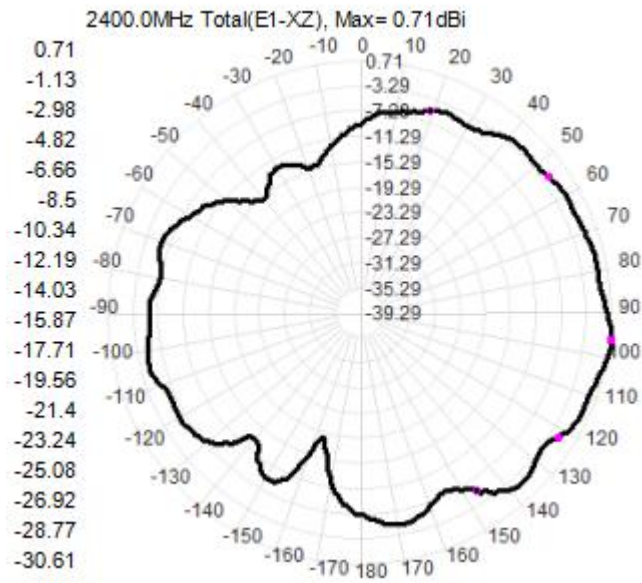
### 3. Directed graph

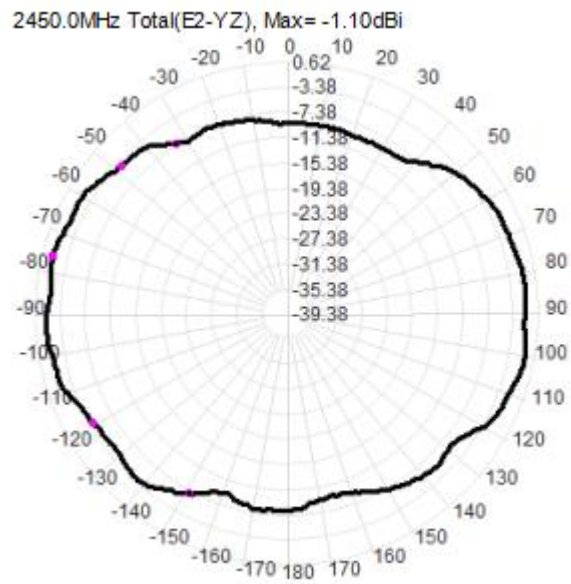
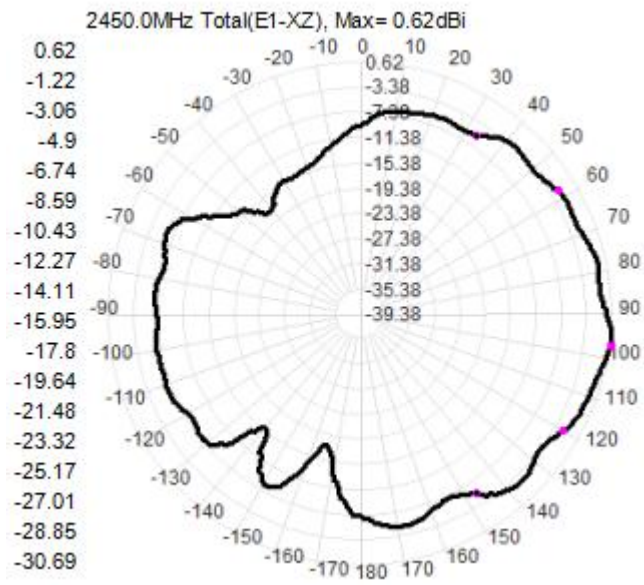
Name	Theta	Ang	Mag
m1	0.0000	0.0000	0.5547
m2	180.0000	180.0000	0.5531



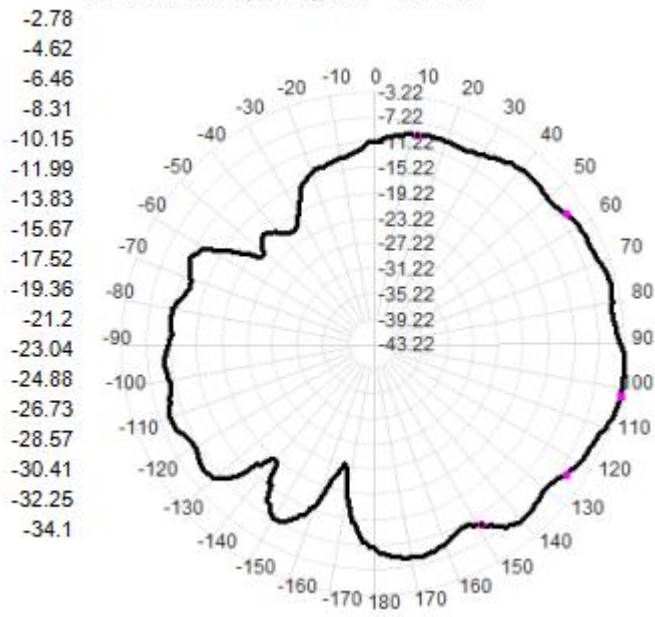
Curve Info
dB(GainTotal)
Setup1 : Sweep1
Phi=0deg'
dB(GainTotal)
Setup1 : Sweep1
Phi=90deg'

## 4. Test Datas





2500.0MHz Total(E1-XZ), Max= -3.22dBi



2500.0MHz Total(E2-YZ), Max= -3.99dBi

