

Antenna Specification

一、Test environment:

Temperature	24℃
Humidity	55%RH
Atmospheric pressure	100.04kPa

二、Sample information:

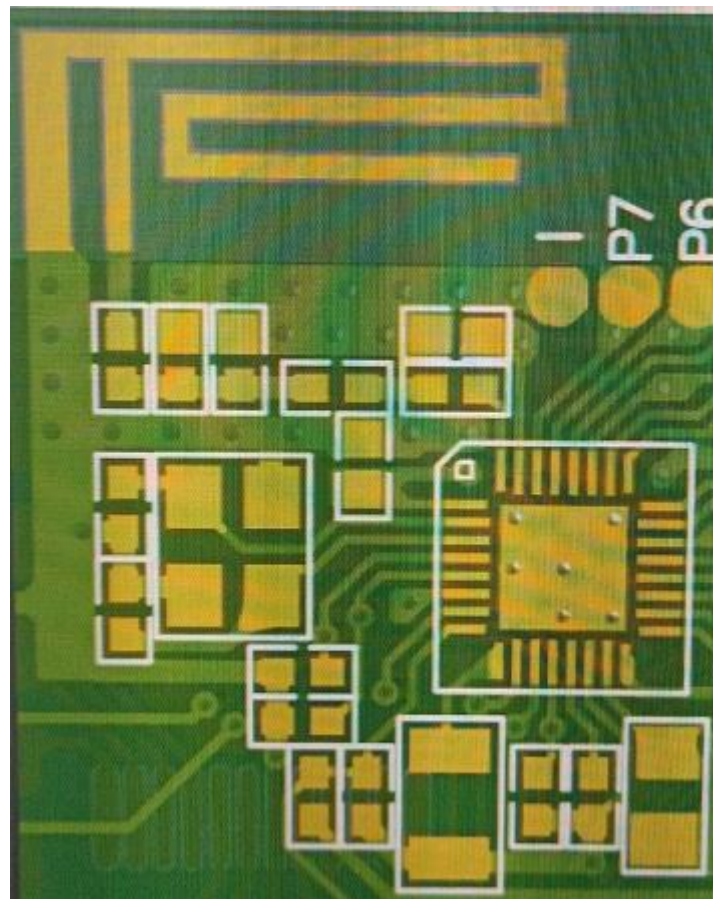
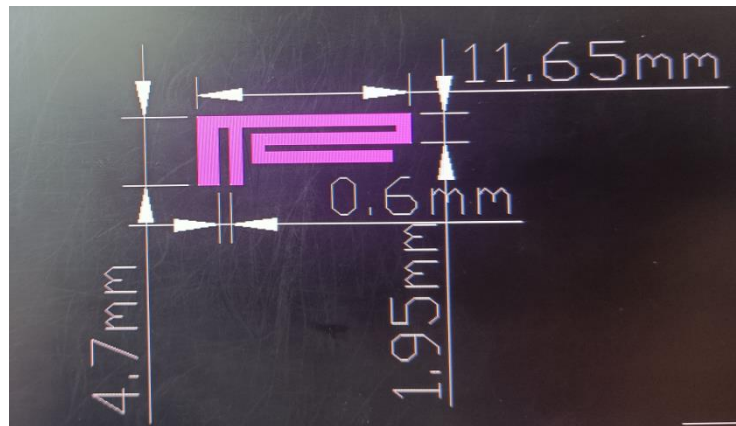
Product name	2.4G ANT
Specification Size	18mm x 12mm x 0.8mm
Test Project	Standing Wavebie: Gain; Radiation efficiency; Radiation pattern
Frequency Band Range	2400-2500MHZ
Manufacturer	Shenzhen Hobbywing Technology Co., Ltd.
Manufacturer Address	101-402,Building 4,Yasen Chuangxin Hitech Industrial Park,8 Chengxin RD,Baolong Industrial Town, Longgang DIST,SZ,CN.
Test Data	2020.09.01

三、 Test Results

1.Antenna Specification

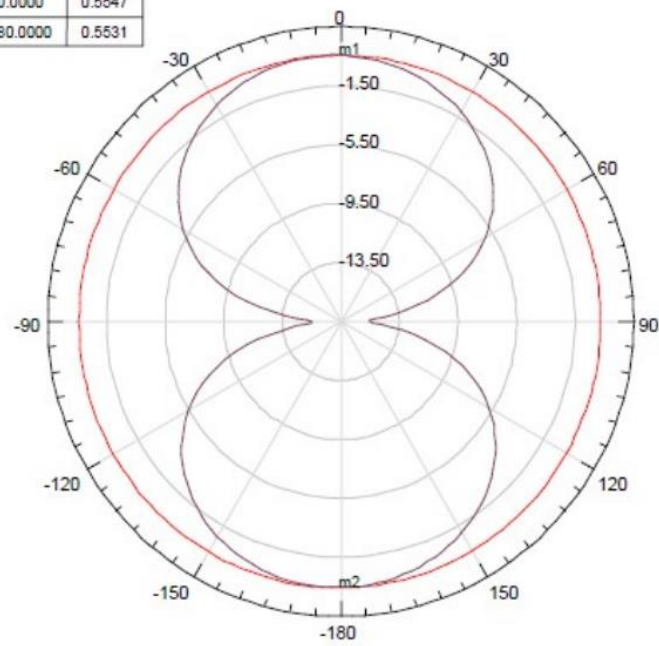
ITEM	ANT SPEC	
Polarization	Horizontal	
Center Frequency	2400 MHZ 2450 MHZ 2500 MHZ	0.71 dBi 0.62 dBi -3.22 dBi
Polarization	Vertical	
Center Frequency	2400 MHZ 2450 MHZ 2500 MHZ	-0.53 dBi -1.10 dBi -3.99dBi
Azimuth Beam Pattern	Omni-directional	
Impedance	50 Ω	
Antenna Length	33.15mm	

2. Antenna Photo & Length



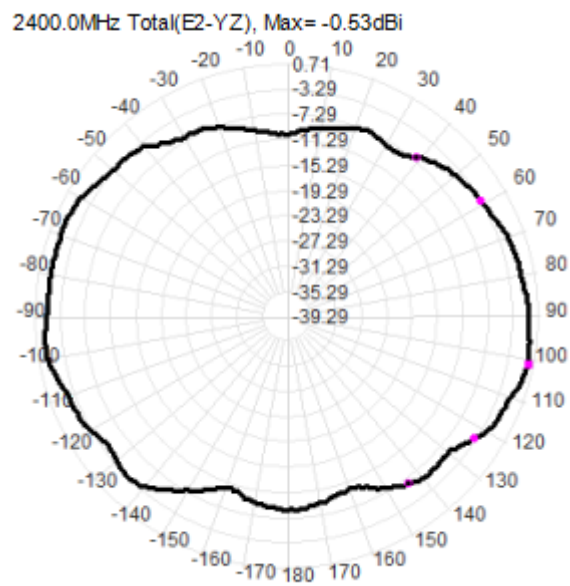
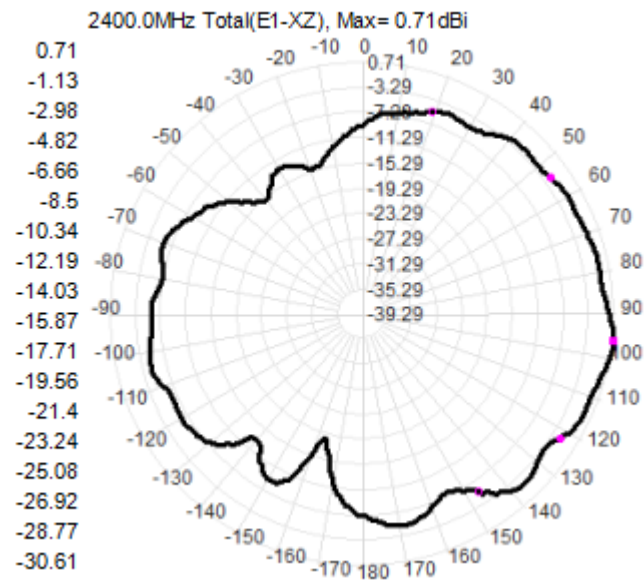
3. Directed graph

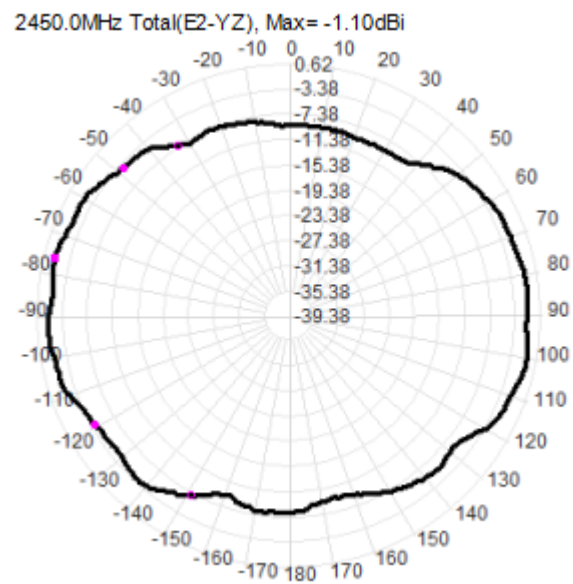
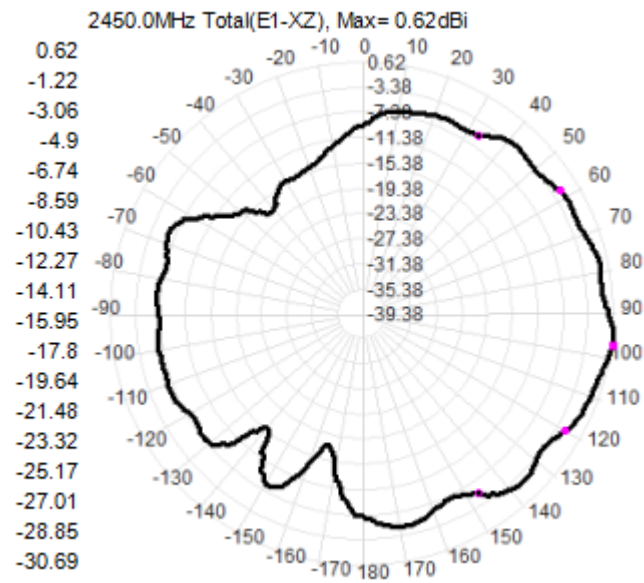
Name	Theta	Ang	Mag
m1	0.0000	0.0000	0.5547
m2	180.0000	180.0000	0.5531



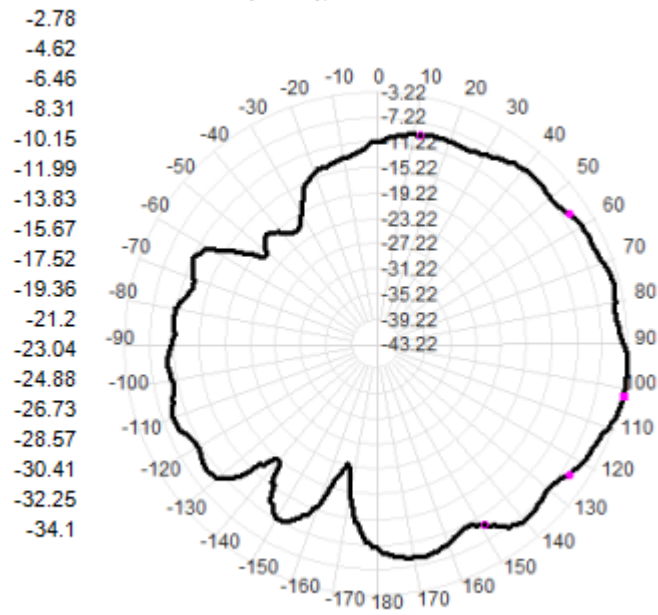
Curve Info
dB(GainTotal)
Setup1 : Sweep1
Phi='0deg'
dB(GainTotal)
Setup1 : Sweep1
Phi='90deg'

4.Test Datas





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



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

