

ANT Report

一、Test environment:

Temperature	24℃
Humidity	55%RH
Atmospheric pressure	100.04kPa

二、Sample information:

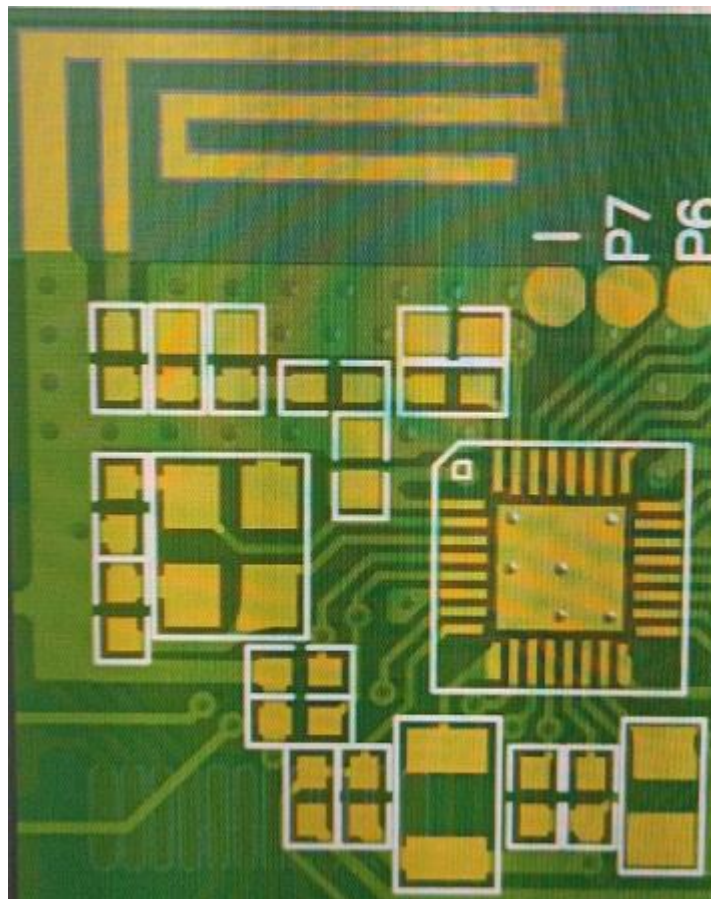
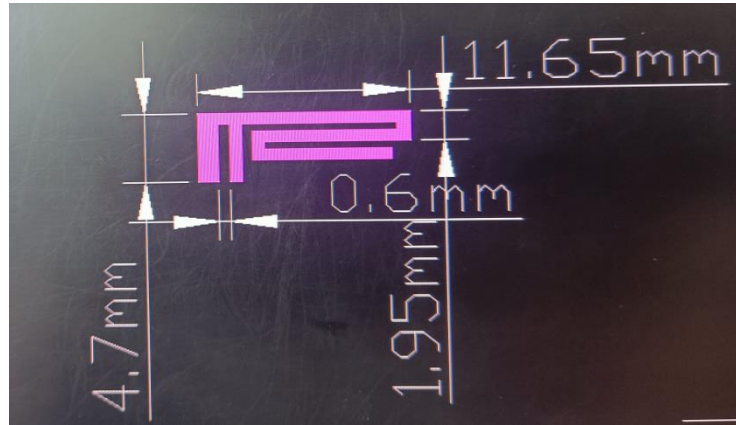
Product name	2.4G ANT
Specification Size	18mm x 12mm x 0.8mm
Test Project	Standing Wavebie: Gain; Radiation efficiency; Radiation pattern
Frequency Band Range	2400-2500MHZ
Test Data	2020.09.01
Manufacturer	ZHE JIANG KUANTU INDUSTRY AND TRADE CO., LTD
Address	2nd floor, Building 1, No.1-1, Cangling Road, Huzhen Town, Jinyun County, Lishui City, Zhejiang Province, China

三、 Test Results

1. Antenna Specification

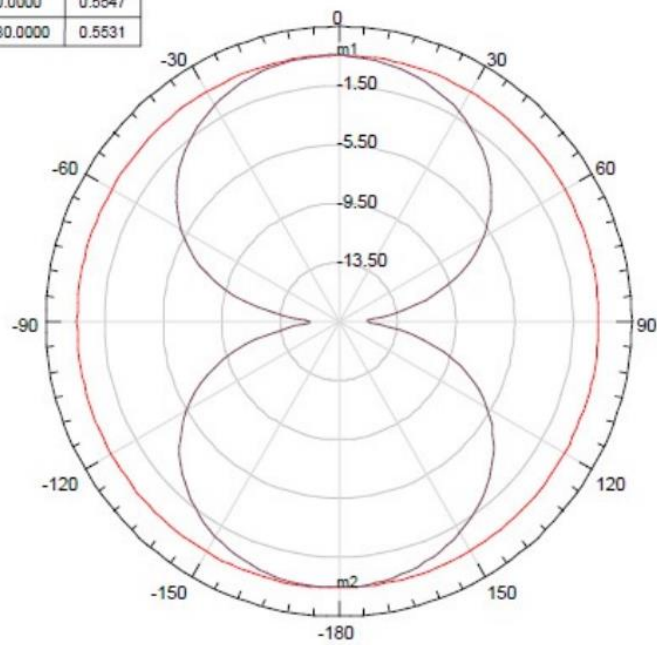
ITEM	ANT SPEC	
Polarization	Horizontal	
Center Frequency	2400 MHZ	0.71 dBi
	2450 MHZ	0.62 dBi
	2500 MHZ	-3.22 dBi
Polarization	Vertical	
Center Frequency	2400 MHZ	-0.53 dBi
	2450 MHZ	-1.10 dBi
	2500 MHZ	-3.99dBi
Azimuth Beam Pattern	Omni-directional	
Impedance	50 Ω	
Antenna Length	33.15mm	

2. Antenna Photo & Length



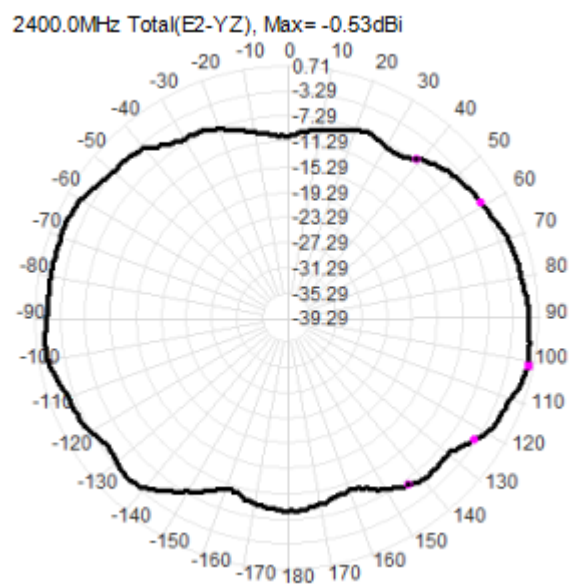
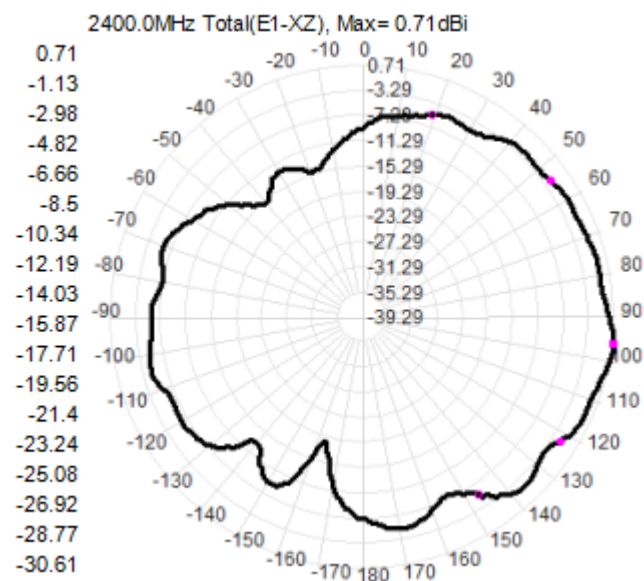
3. Directed graph

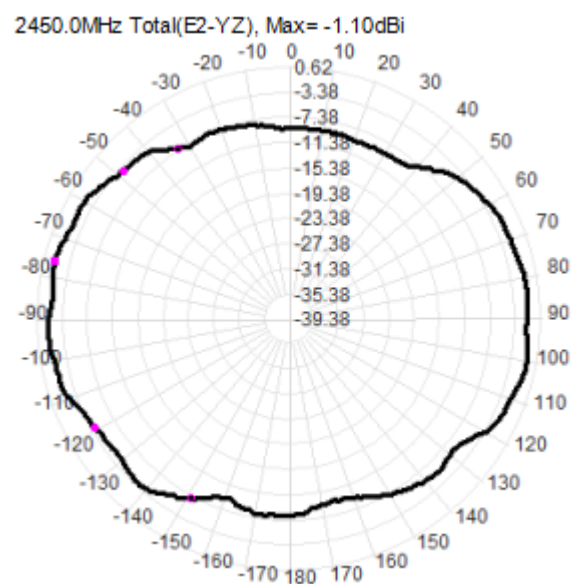
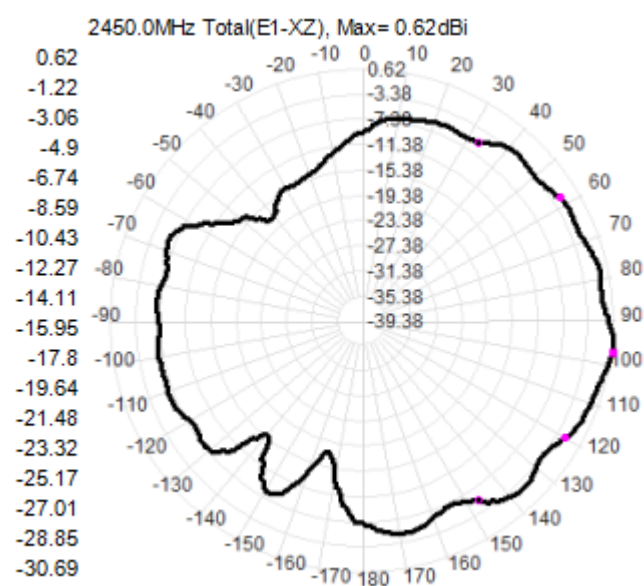
Name	Theta	Ang	Mag
m1	0.0000	0.0000	0.5547
m2	180.0000	180.0000	0.5531



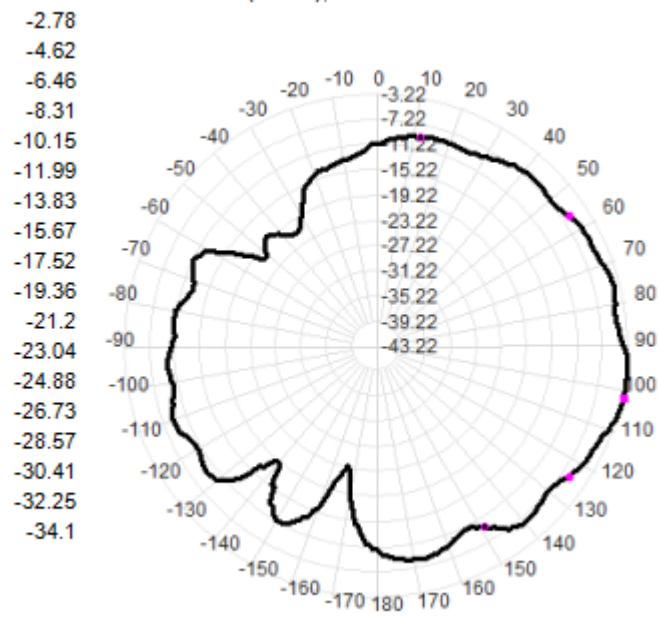
Curve Info
dB(GainTotal)
Setup1 : Sweep1
Phi='0deg'
dB(GainTotal)
Setup1 : Sweep1
Phi='90deg'

4.Test Datas





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



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

