

Test Report

一、Test environment:

Temperature	24℃
Humidity	55%RH
Atmospheric pressure	100.04kPa

二、Sample information:

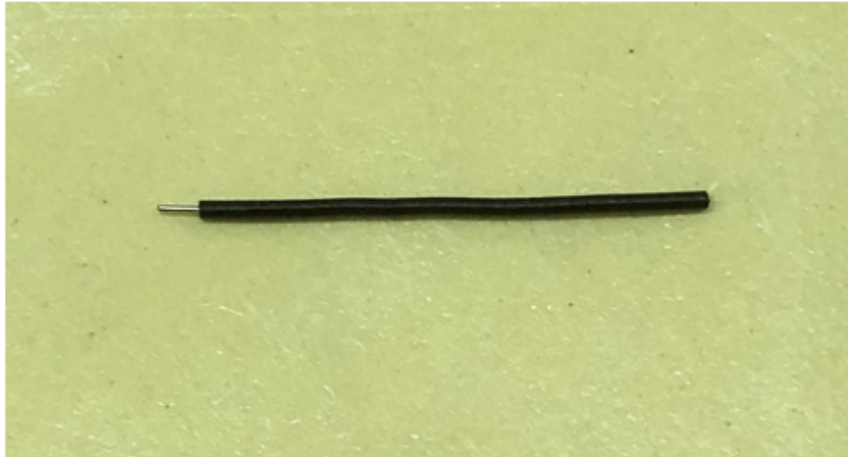
Product name	2.4G ANT
Specification Size	11.65mm x 4.7mm x 0.8mm
Test Project	Standing Wavebie: Gain; Radiation efficiency; Radiation pattern
Frequency Band Range	2400-2500MHZ
Test Data	2020.09.01

三、 Test Results

1.Antenna Specification

ITEM	ANT SPEC	
Polarization	Horizontal	
Center Frequency	2400 MHZ 2450 MHZ 2500 MHZ	-0.71 dBi 1 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	11.65mm	

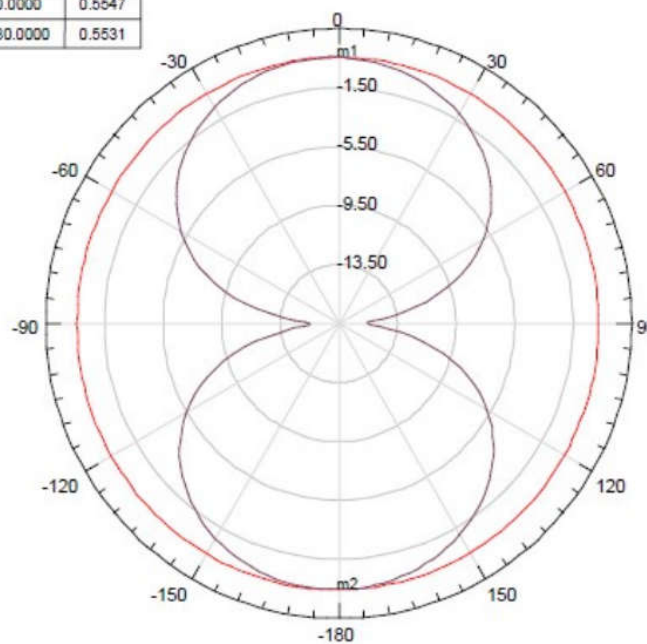
2. Antenna Photo & Length



Long: 20mm, diameter: 0.6mm

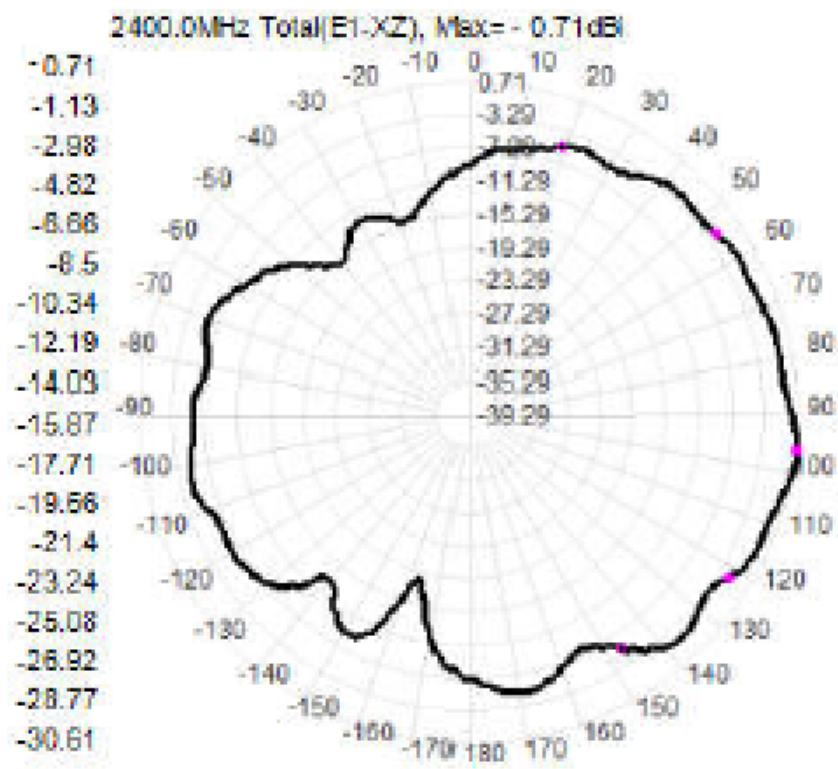
3. Directed graph

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

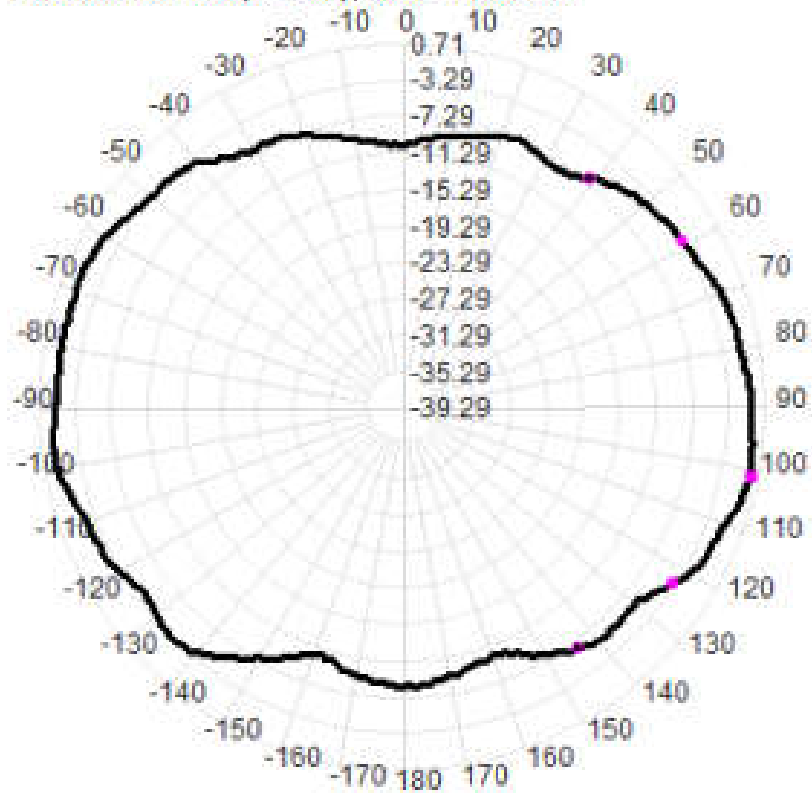


Curve Info
dB(GainTotal)
Setup1 : Sweep1
Phi='0deg'
dB(GainTotal)
Setup1 : Sweep1
Phi='90deg'

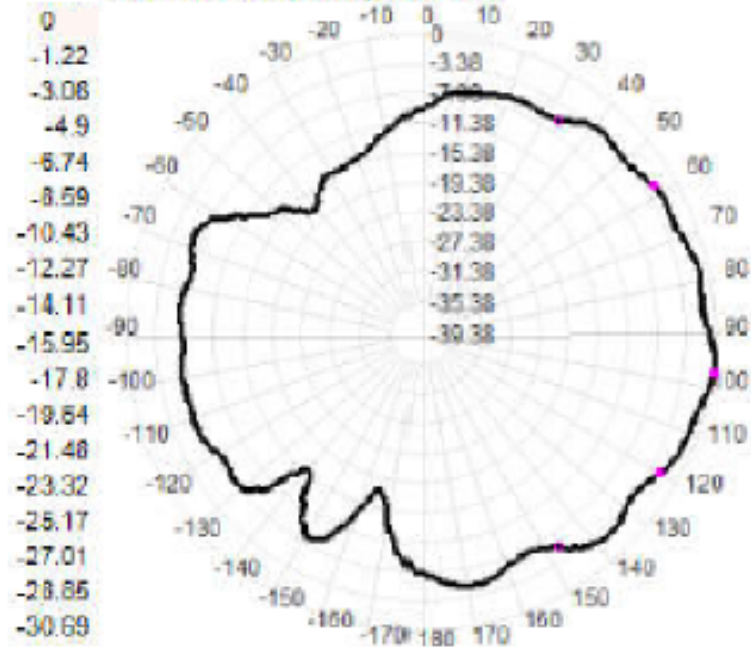
4.Test Datas



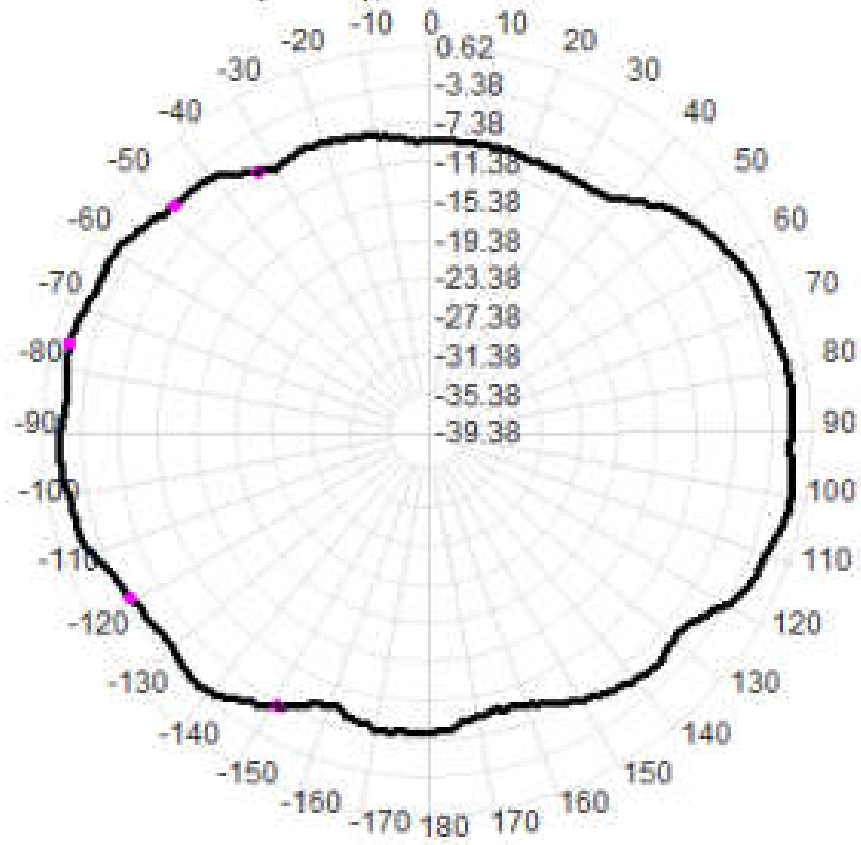
2400.0MHz Total(E2-YZ), Max= -0.53dBi



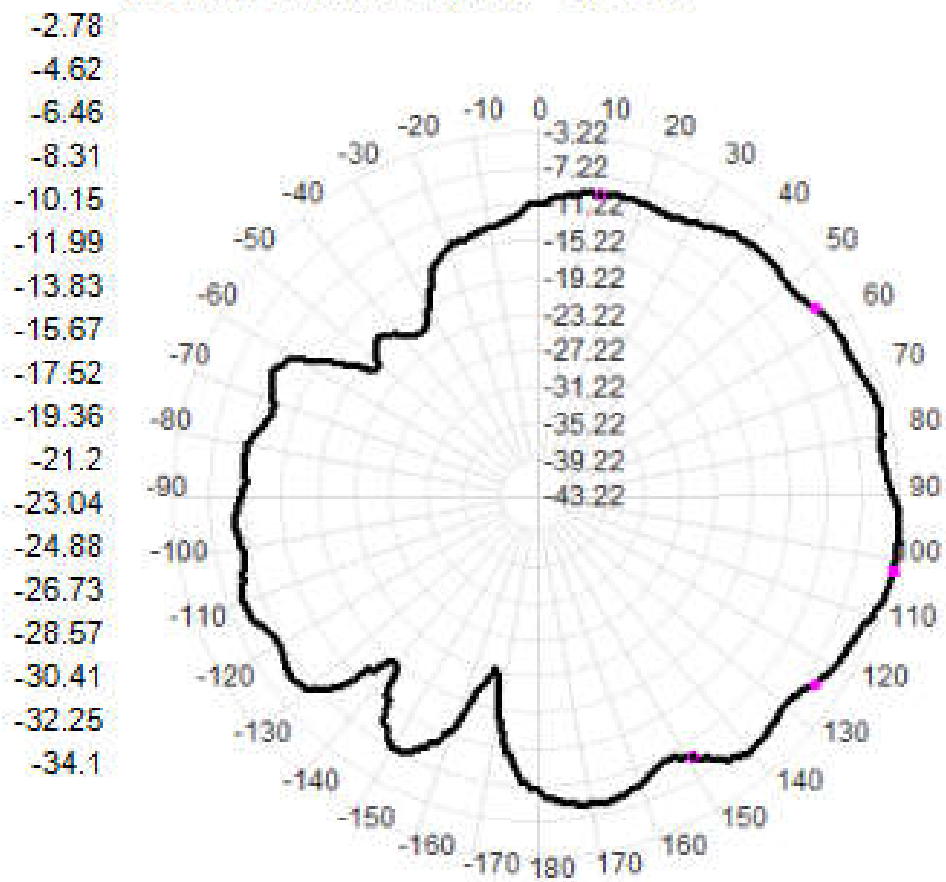
2450.0MHz Total(E1-XZ), Mmax 1dBi



2450.0MHz Total(E2-YZ), Max= -1.10dBi



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



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

