



2.4G Antenna
specification&Test report

Yichip Microelectronics

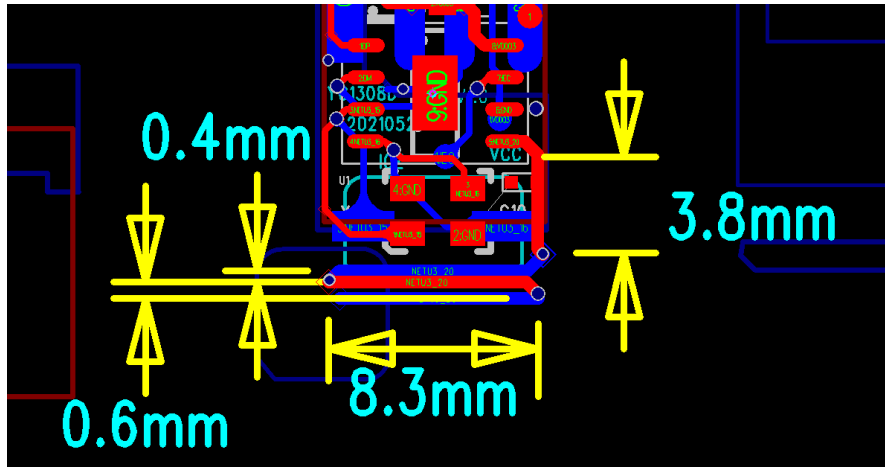
©2014

Manufacturer:

Dongguan Zhuotong Electronics Co., Ltd.

2nd Floor, No. 2 Jintan 7th Street, Danwu Village, Shijie Town, Dongguan City.

Model: 2.4G ANT



Test Company	TA Technology (Shanghai) Co., Ltd.
Test Address	Building 1, No. 400, Fangchun Road, China (Shanghai) Pilot Free Trade Zone
Test Date	2020/7/24
Test Instrument	Keysight E5071B

antenna design specification

Antenna dimensions as blow picture show: the material is FR4 and the thickness is 1.6mm of PCB. ANT3

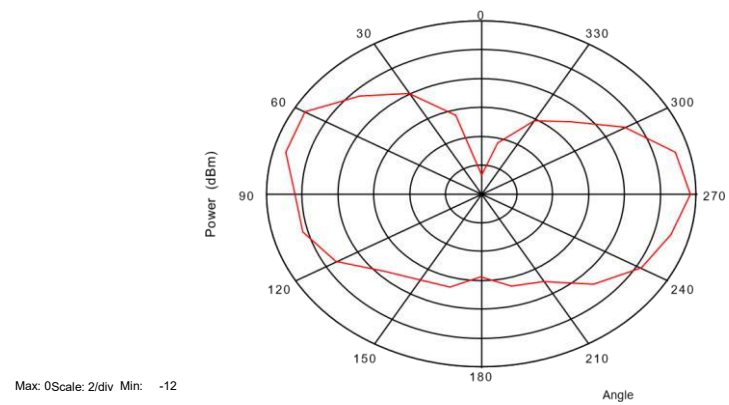
Gian and Efficiency

Frequency (MHz)	Efficiency(%)	Gain(dBi)
2280	33.54	0.70
2300	27.85	-0.04
2320	29.01	0.44
2340	26.23	0.07

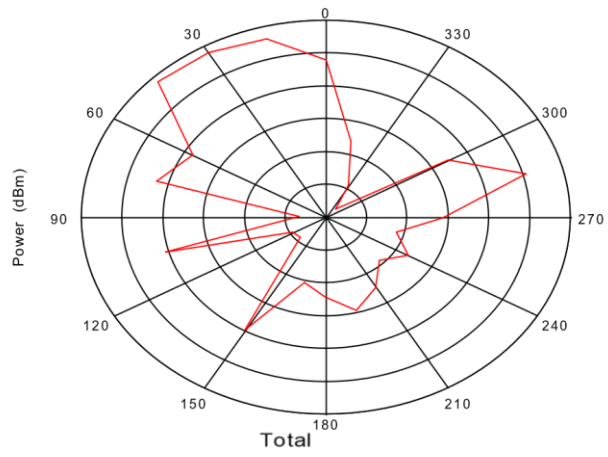
2360	24.64	-0.83
2380	22.00	-1.24
2400	24.76	-1.52
2420	31.57	0.20
2440	38.13	0.87
2460	39.98	1.04
2480	41.93	1.30
2500	45.60	1.66
2520	44.01	2.12
2540	43.24	2.24

3D and 1D Radiation Patterns

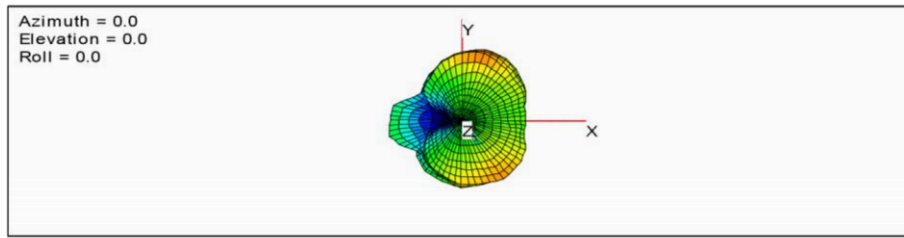
Cut1



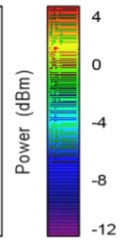
Cut2



Max: 0
Min: -12
Scale: 2/div



Azimuth = 0.0
Elevation = 0.0
Roll = 0.0



Max: 3.8 Min: Cut3

Scale: 1/div

Angle

