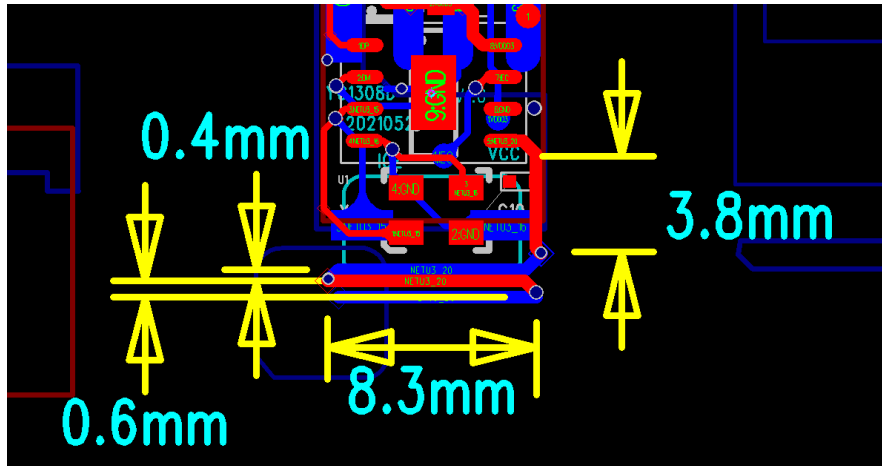




2.4G Antenna  
Specification & Test report

Yichip  
Microelectronics

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Manufacturer Company	Dongguan Zhuotong Electronics Co., Ltd.
Manufacturer Address	2nd Floor, No. 2 Jintan 7th Street, Danwu Village, Shijie Town, Dongguan City.
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

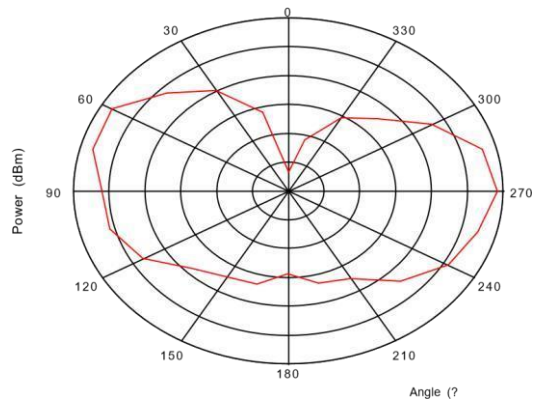
### Gian and Efficiency

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

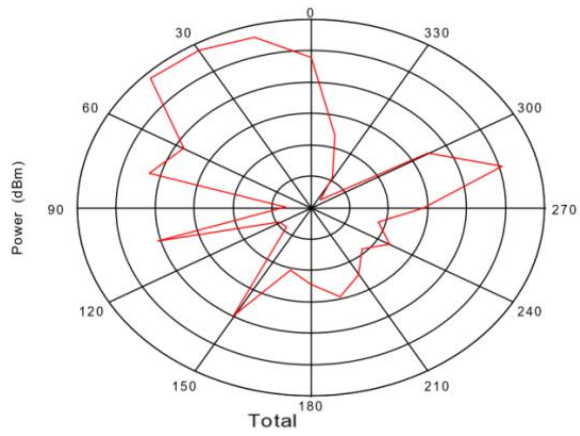
### 3D and 1D Radiation Patterns

Cut1

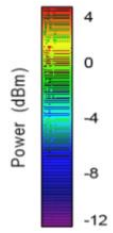
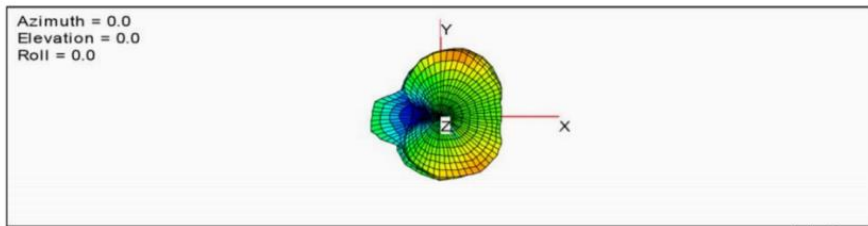


Max: 0Scale: 2/div Min: -12

Cut2



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



Max: 3.8 Min: Cut3

Scale: 1/div

Angle

