



2. 4G Antenna specification&Test report

Yichip Microelectronics

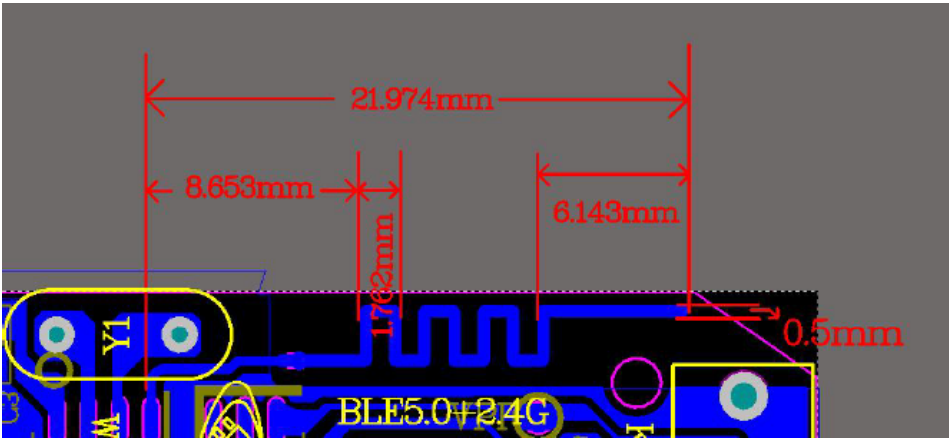
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Manufacturer Company	Dongguan Zhuotong Electronics Co., Ltd.
Manufacturer Address	2nd Floor, No. 2 Jintan 7th Street, Danwu Village, Shijie Town, Dongguan City.
Test Date	2020/7/24
Test Instrument	Keysight E5071B

antenna designspecification

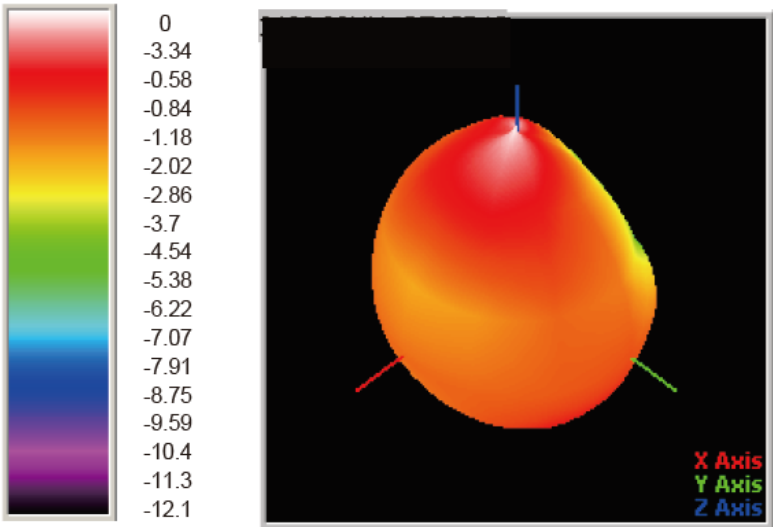
Antennadimensionsas blow picture show: the material is FR4 and thethicknessis 1.6mm of PCB.

Gian and Efficiency



3D Radiation Pattern:

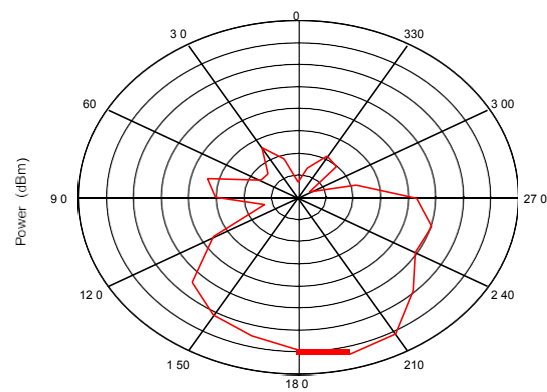
◎ 3D Gain Pattern (2450 MHz) Unit:dBi



Frequency(MHz)	MaxGain(dBi)
2450	0

3D and 1D Radiation Patterns

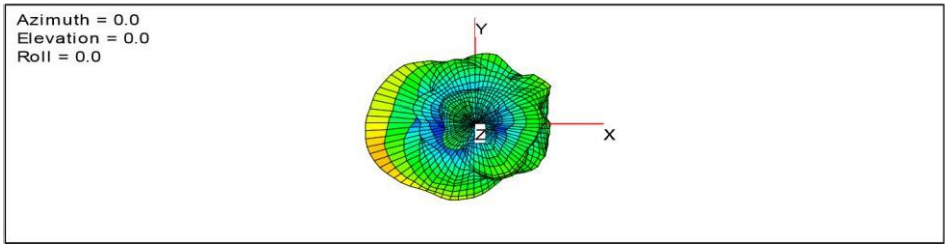
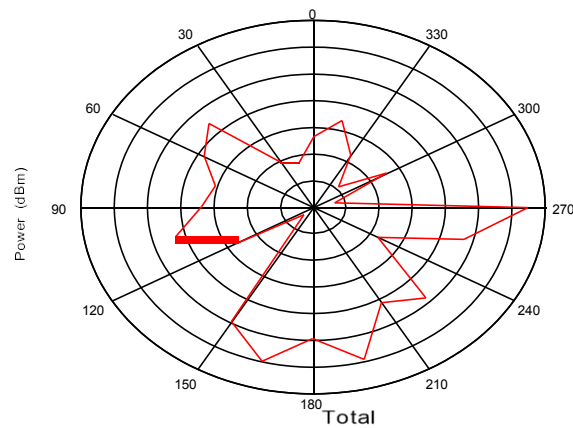
Cut1



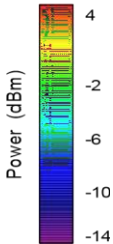
Max: 4
Min: -4
Scale: 1/div

Angle

Cut2



Max: 4
Min: -10
Scale: 2/div



Angle

Cut3

Max: 3
Min: -7
Scale: 1/div

