



2. 4G Antenna specification&Test report

Yichip Microelectronics

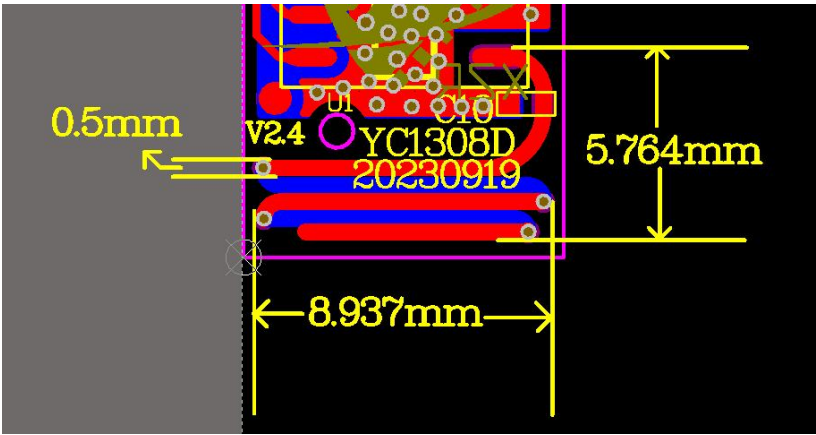
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Manufacturer Ccompany	Dongguan Zhuotong Electronics Co., Ltd.
Manufacturer Address	2nd Floor, No. 2 Jintan 7th Street, Danwu Village, Shijie Town, Dongguan City.
Test Date	2020/7/24
Test Instrument	Keysight E5071B

antenna designspecification

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

Gian and Efficiency



Frequency (MHz)	Efficiency(%)	Gain(dBi)
2300	12.77	-1.78
2320	20.15	-0.69
2340	25.71	1.23
2360	30.32	1.47
2380	30.90	1.96
2400	33.26	2.34
2420	38.93	3.55
2440	38.73	3.22
2460	36.32	2.87

2480	35.23	2.34
2500	35.82	1.75

3D Radiation Patterns
@2420MHz
(Unit:dBi)

