



2. 4G Antenna specification&Test report

Yichip Microelectronics

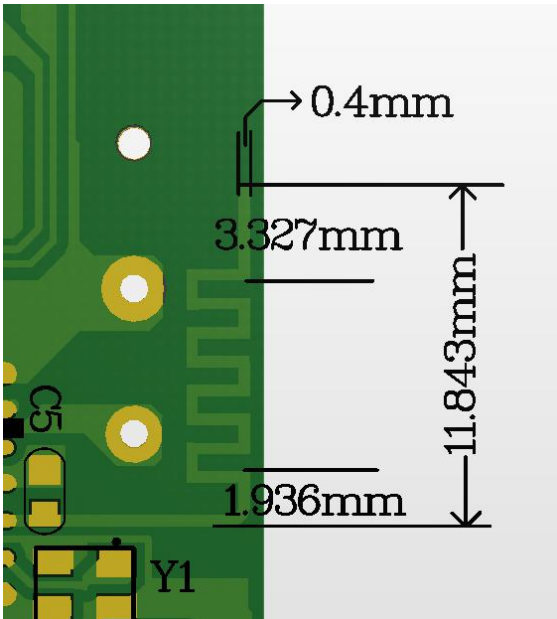
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Test Date	2020/7/24
Test Instrument	Keysight E5071B

antenna designspecification

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

Gian and Efficiency



Frequency (MHz)	Efficiency(%)	Gain(dBi)
2402	12.77	-2.33
2410	20.15	-0.40
2415	25.71	0.95
2420	30.32	1.59
2430	30.90	1.63
2440	33.26	2.52
2450	38.93	3.55
2455	38.73	3.34
2460	36.32	2.93

2465	35.23	2.87
2470	35.82	2.53
2475	33.02	1.93
2480	31.62	1.42

3D Radiation Patterns
@2450MHz
(Unit:dBi)

