

	Name	type	specification	manufacturer	address
1	PCB On-Board Antenna	Inverted-F Antenna	2.4GHz	Xiamen Aiyin Technology Co., Ltd.	4-8/F, No.838 Tongfu Road, Tong'an District, Xiamen, Fujian, China



Bluetooth Antenna
specification&Test report

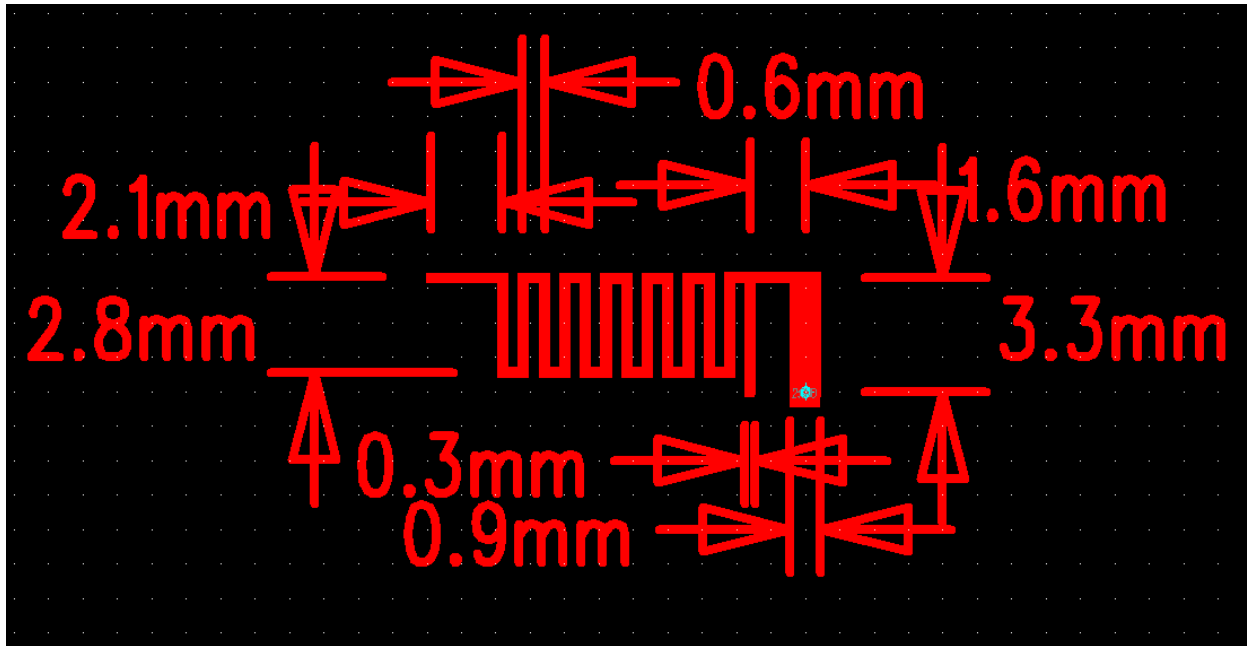
Yichip Microelectronics

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Test Ccompany	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.

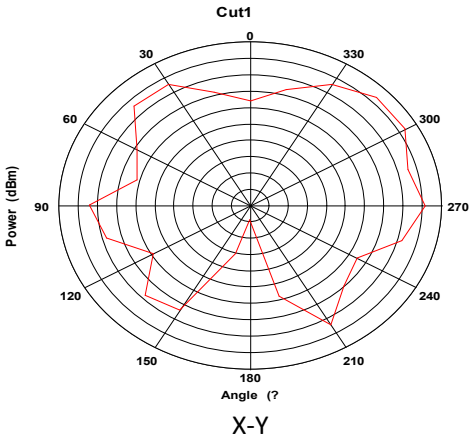


Gian and Efficiency

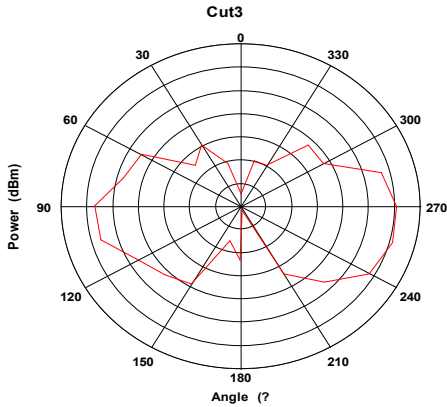
Frequency (MHz)	Efficiency(%)	Gain(dBi)
2300	28.41	-1.40
2320	38.63	-0.11
2340	42.82	0.36
2360	47.04	0.41
2380	47.39	0.58
2400	53.31	0.73
2420	63.69	2.10
2440	66.14	2.52
2460	64.61	2.72
2480	63.93	2.79
2500	65.00	2.97
2520	60.03	2.90
2540	58.27	2.95

2D Radiation Patterns
Freq = 2.44GHz

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



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



Max: 4
Min: -16
Scale: 2/div

