

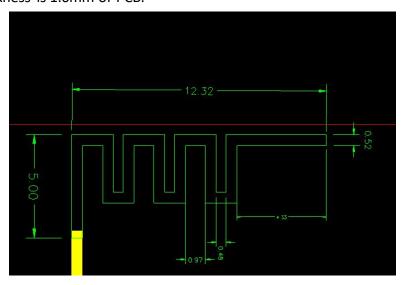
Bluetooth Antenna specification&Test report

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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

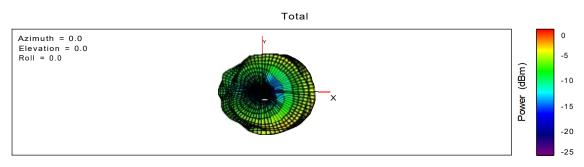
Antenna dimensions as blow picture show (unit: mm): the material is FR4 and the thickness is 1.6mm of PCB.



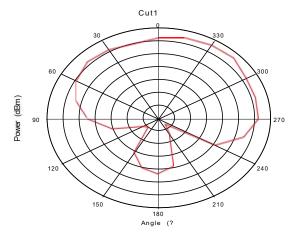
Gian and Efficiency

Frequency (MHz)	Efficiency(%)	Gain(dBi)
2402	14.86	-0.93
2420	12.54	-1.17
2440	9.92	-2.03
2460	7.46	-2.47
2480	6.11	-2.98

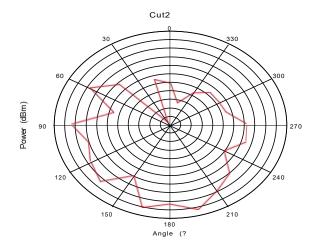
## 3D and 1D Radiation Patterns



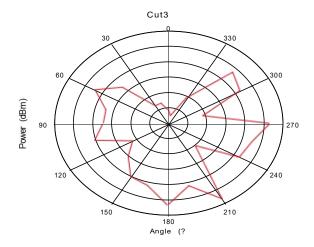
2440M TRP 1



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



Max: 0 Min: -22 Scale: 2/div



Max: -2 Min: -14 Scale: 2/div