



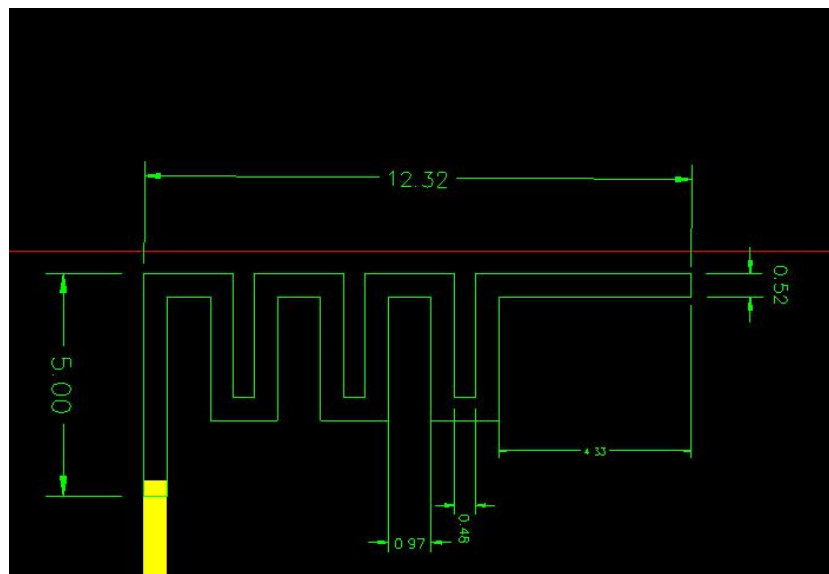
Bluetooth Antenna  
specification

Yichip Microelectronics  
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Test Company	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
Manufacturer	Yichip Microelectronics (Hangzhou) Co., Ltd.
Address	Room 501, Building 1A, No. 57, Jianger Rd., Changhe Street, Binjiang District,
	Hangzhou, Zhejiang Province, PRC.
Antenna Model	S2

## antenna design specification

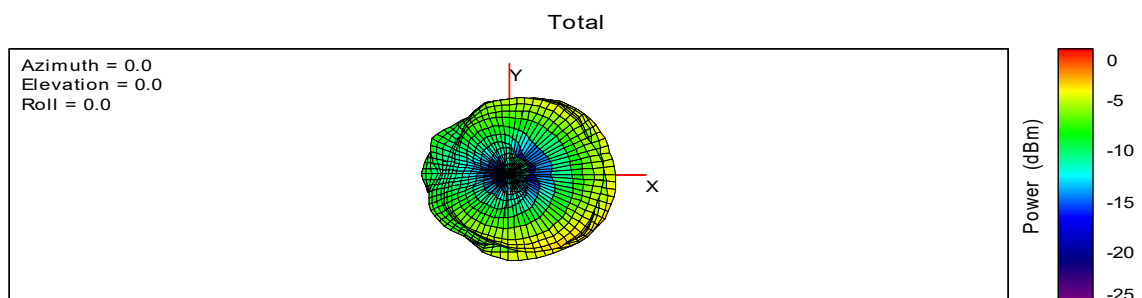
Antenna dimensions as blow picture show: the material is FR4 and the thickness is 1.6mm of PCB.



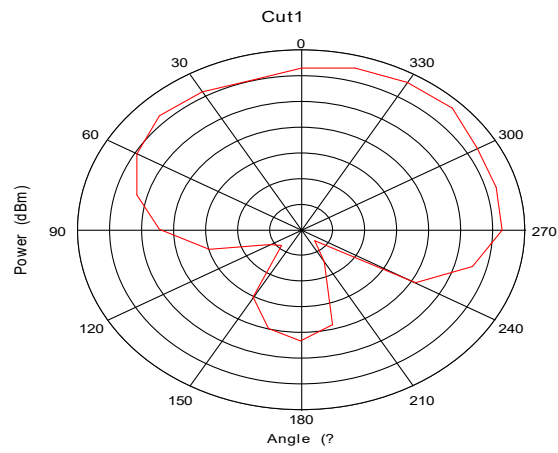
## Gian and Efficiency

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

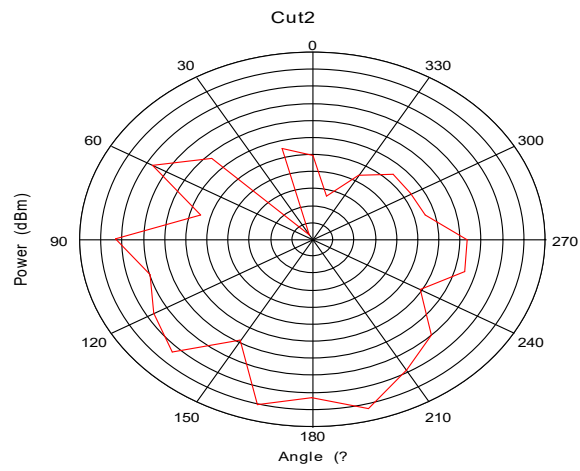
## 3D and 1D Radiation Patterns



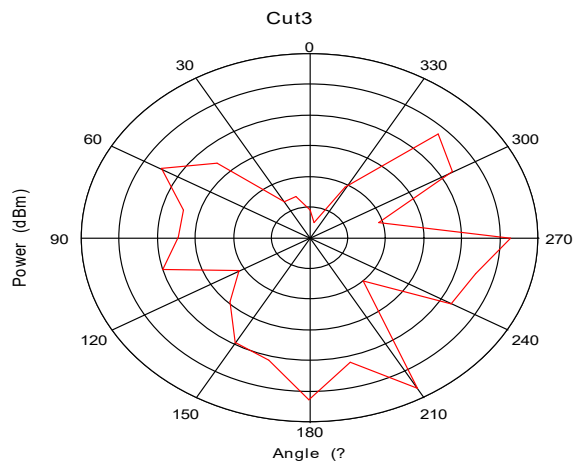
2440M TRP 1



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



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



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