



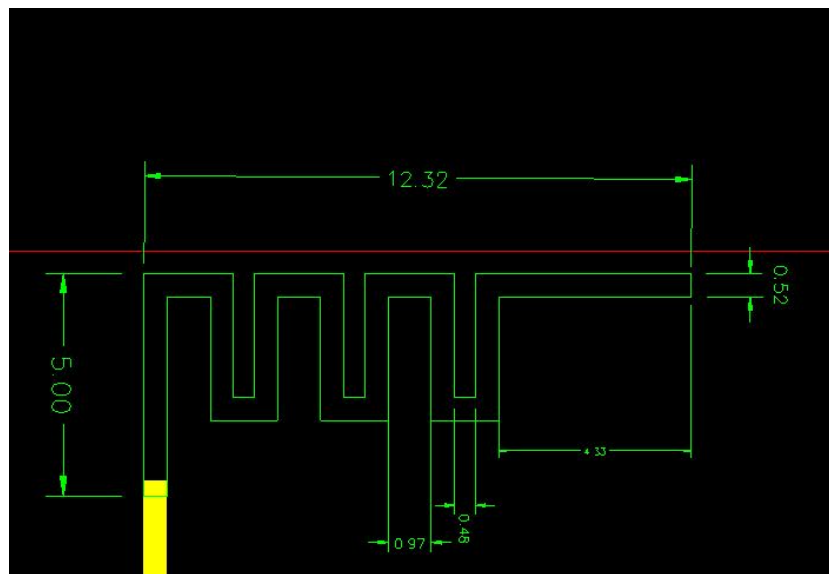
Bluetooth Antenna
specification

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

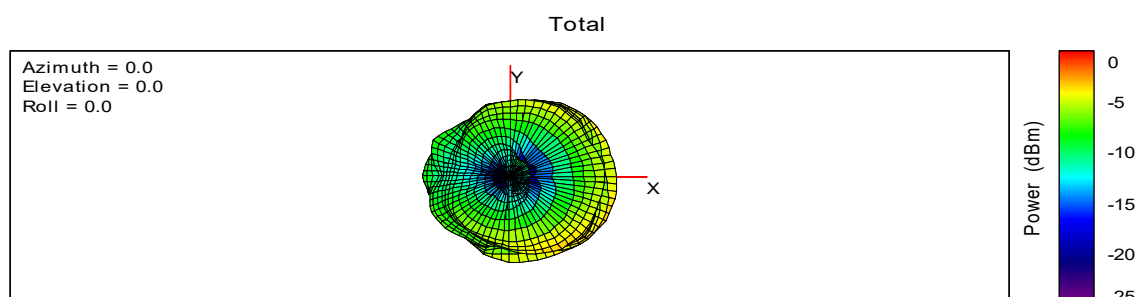
Antenna dimensions as blow picture show: the material is FR4 and the thickness is 1.6mm of PCB.



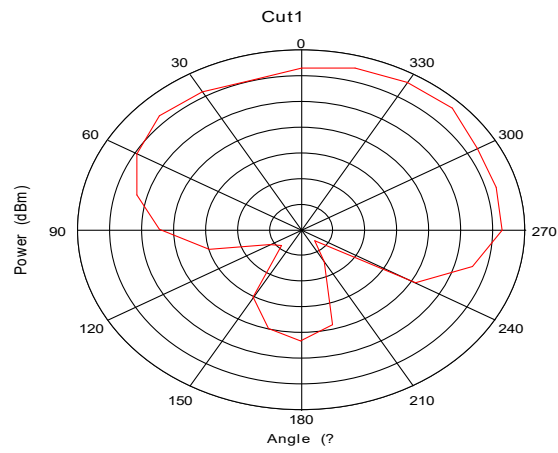
Gian and Efficiency

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

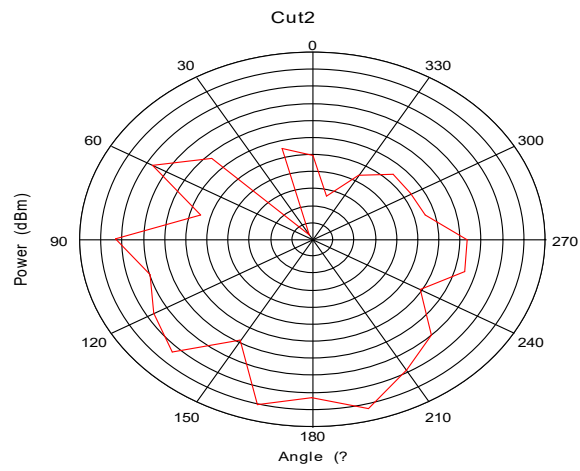
3D and 1D Radiation Patterns



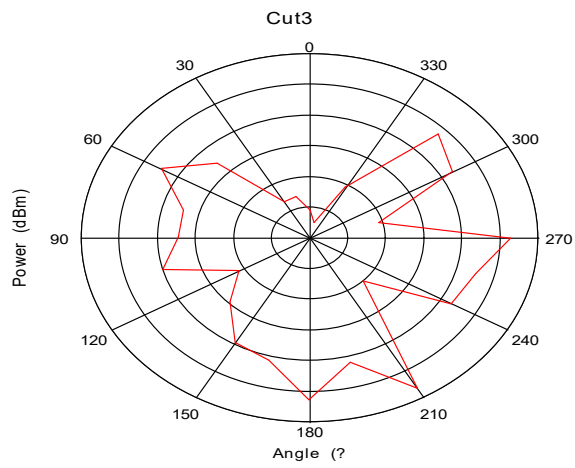
2440M TRP 1



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



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



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