



Bluetooth Antenna
specification&Test report

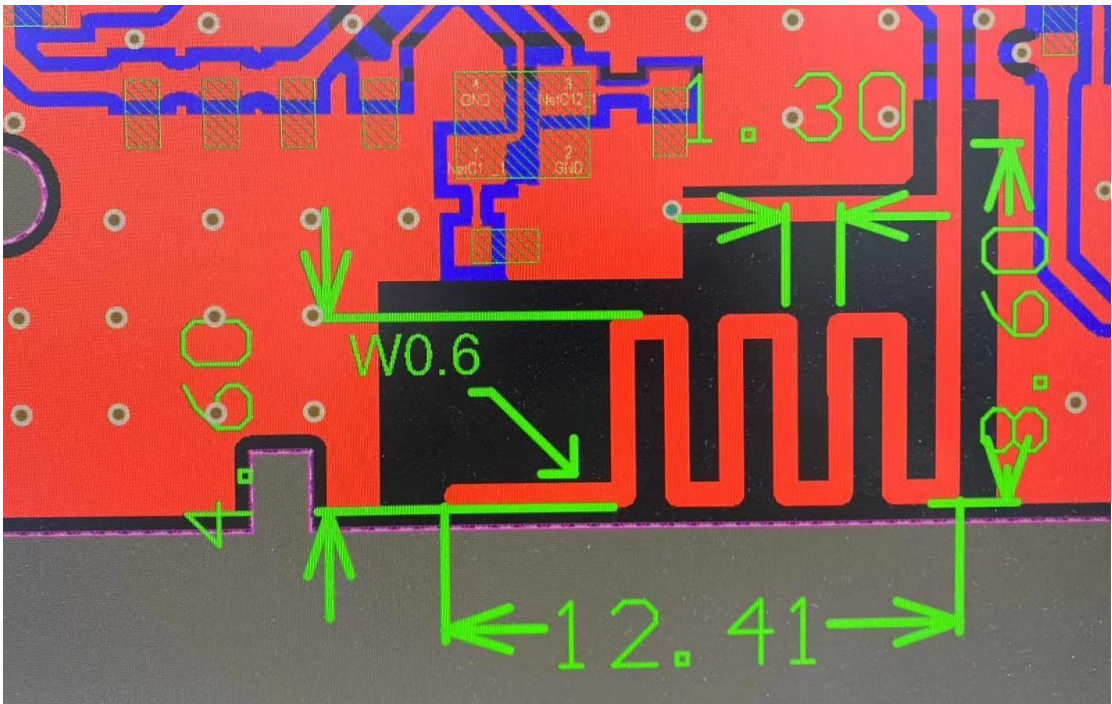
Yichip Microelectronics

©2014

Manufacturer Address	Building1,No.400,FangchunRoad,China(Shanghai)PilotFreeTradeZone
TestCompany	TATechnology(Shanghai)Co.,Ltd.
TestAddress	Building1,No.400,FangchunRoad,China(Shanghai)PilotFreeTradeZone
TestDate	2024/7/1
TestInstrument	KeysightE5071B

antenna design specification

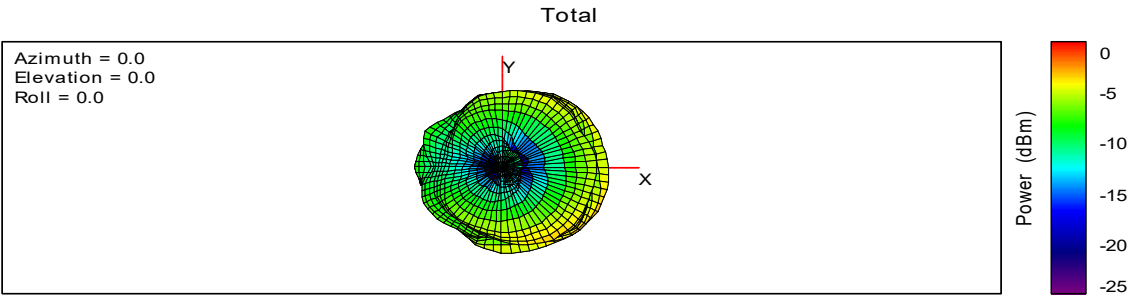
Antenna dimensions as blow picture show: the material is FR4 and the thickness is 1.6mm of PCB.



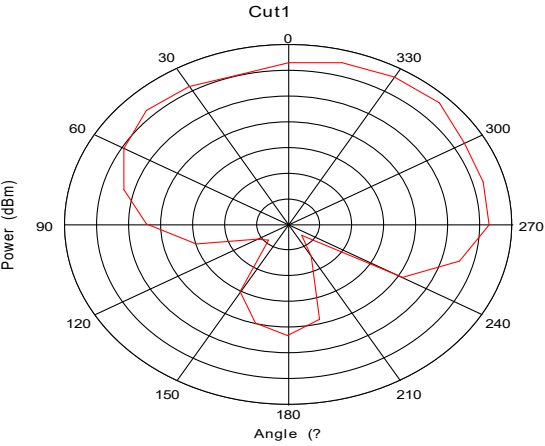
Gian and Efficiency

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

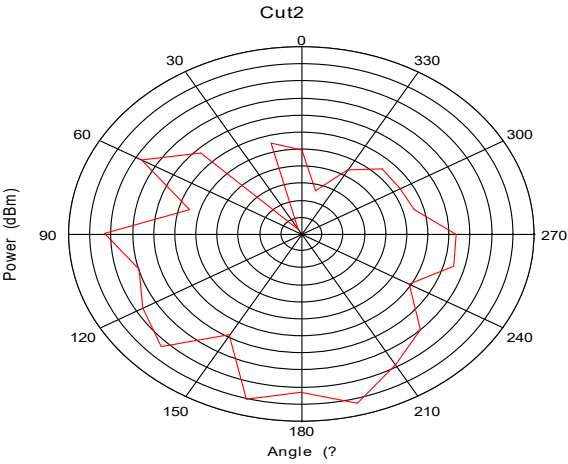
3D and 1D Radiation Patterns



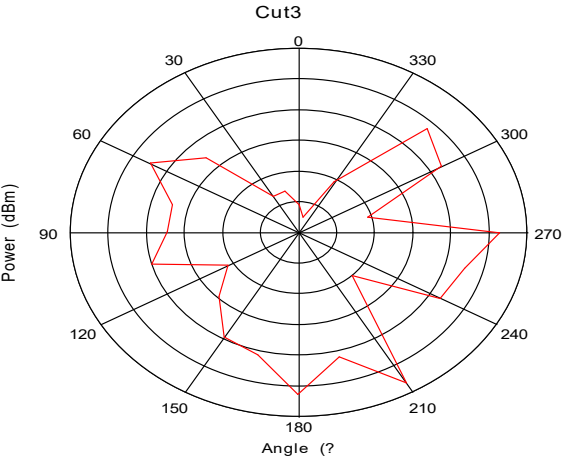
2440M TRP 1



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



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



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