



Bluetooth Antenna
specification&Test report

Yichip Microelectronics

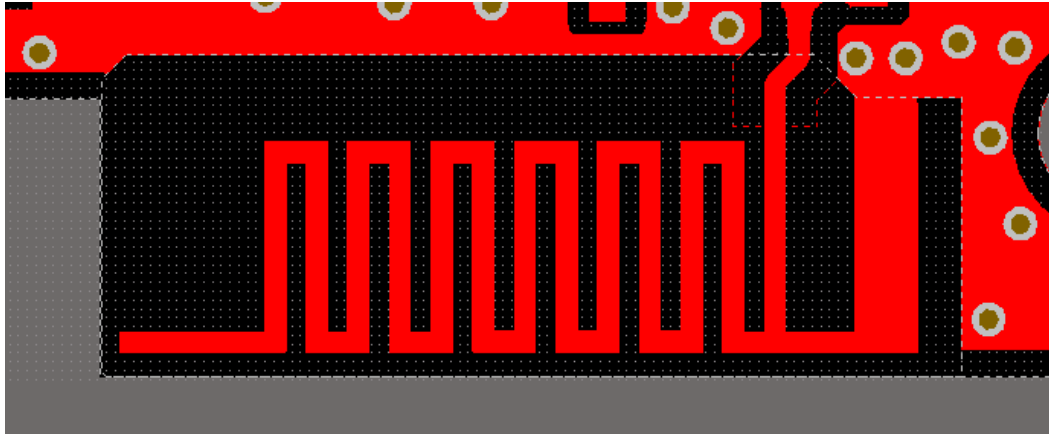
©2014

Antenna type	PCB Antenna
Manufacturer	Yichip Microelectronics (Hangzhou) Co.,Ltd Suite 401, Building #15, NO.498 Guoshoujing Rd, Pudong new district, Shanghai, China

antenna design specification

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

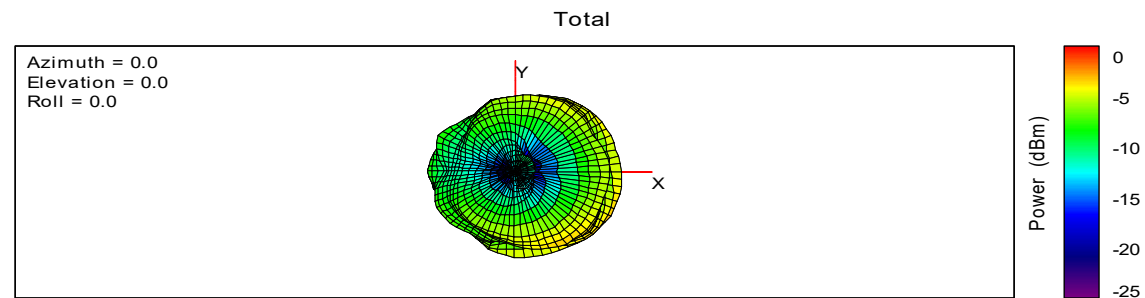
ANT1:



Gian and Efficiency

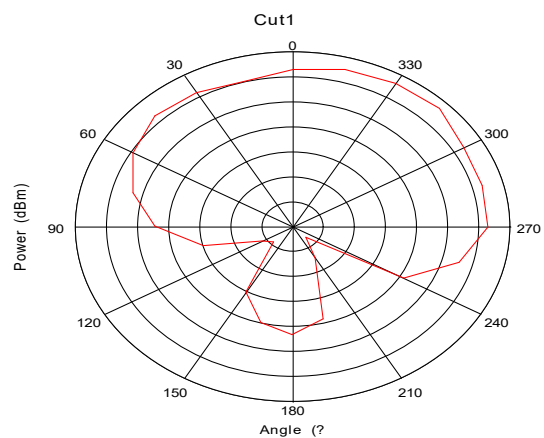
Frequency (MHz)	Efficiency(%)	Gain(dBi)
2380	18.03	-0.42
2400	14.86	-0.93
2420	12.54	-1.17
2440	9.92	-2.03
2460	7.46	-2.47
2480	6.11	-2.98
2500	5.39	-3.83

3D and 1D Radiation Patterns

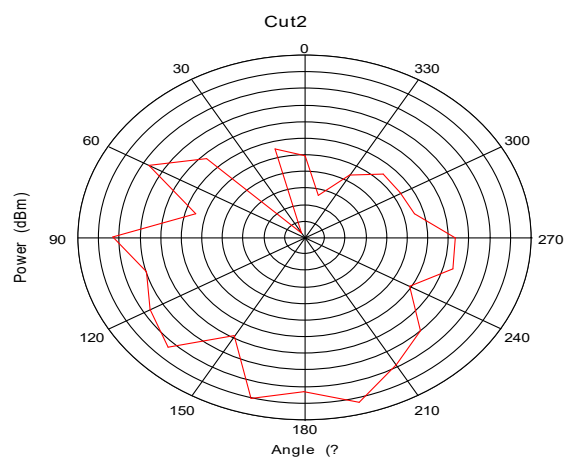


2440M TRP 1

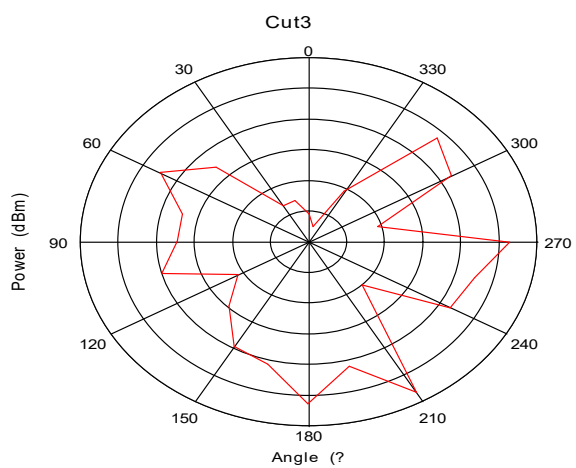
2440M-X:
 Max: -2
 Min: -16
 Scale: 2/div



2440M-Y:
 Max: 0
 Min: -22
 Scale: 2/div



2440M-Z:
 Max: -2
 Min: -14
 Scale: 2/div



Antenna size

