



Bluetooth Antenna  
specification&Test report

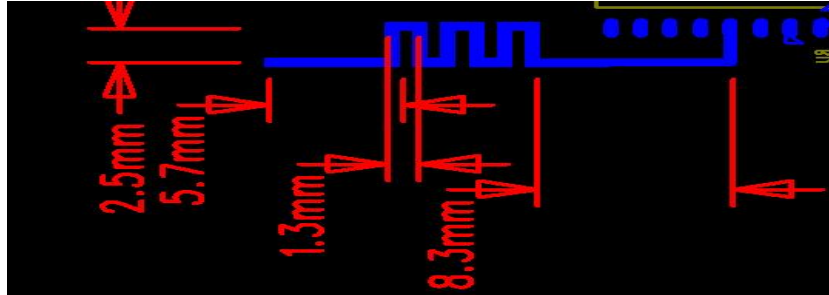
Yichip Microelectronics

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## antenna design specification

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

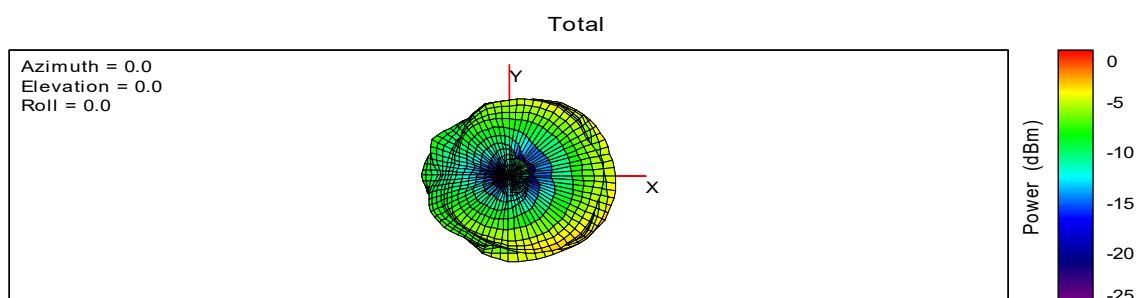
ANT1:



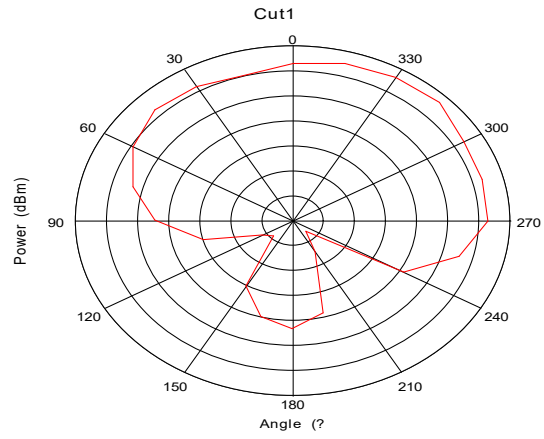
Gain and Efficiency

Frequency (MHz)	Efficiency(%)	Gain(dBi)
2400	14.86	-1.85
2420	12.54	-1.17
2440	9.92	-0.93
2460	7.46	-2.47
2480	6.11	-2.98
2500	5.39	-3.83

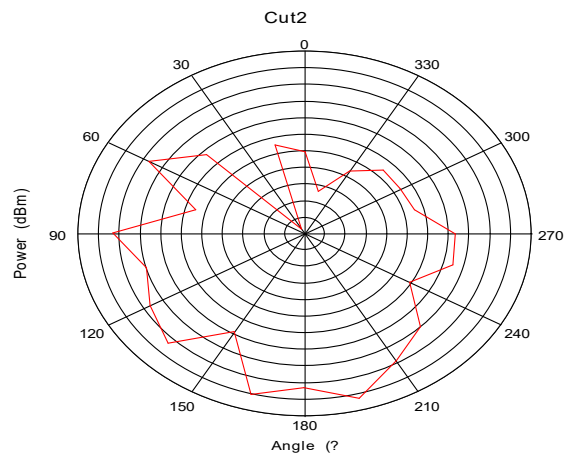
3D and 2D Radiation Patterns



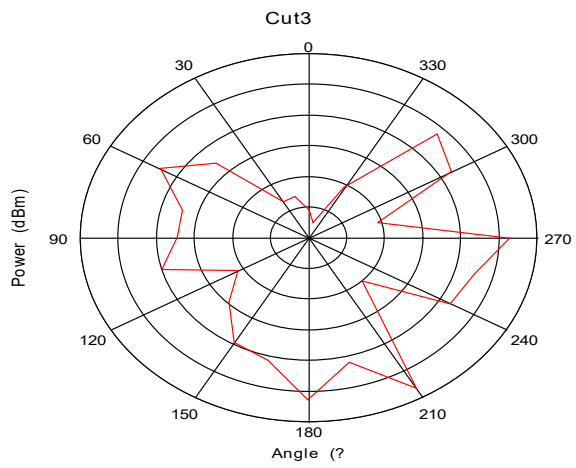
2440MHz TRP 1



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



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



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