

# Bluetooth Antenna specification&Test report

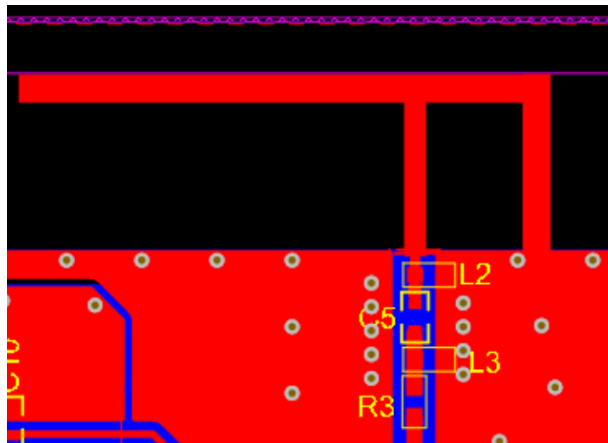
Model : QS330-CAR0-BTRCU

Antenna type	PCBAntenna
Manufacturer	Shenzhen Qualrun Technology Co., Ltd

## antenna design specification

Antenna dimensions as blow picture show: the material is FR4 and the thickness is 1.0mm of PCB.

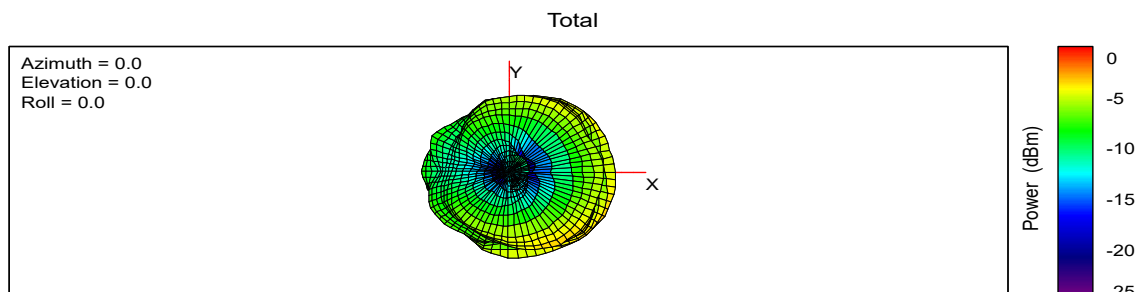
ANT1:



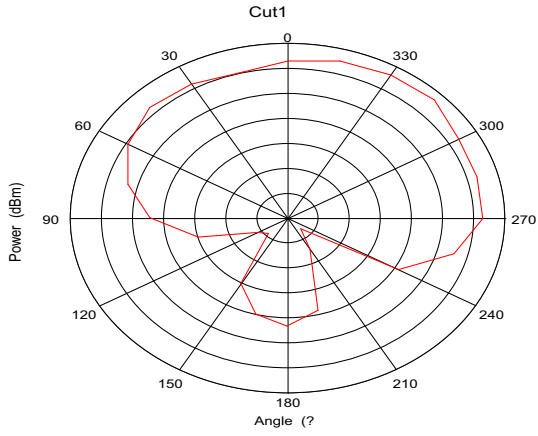
## Gian and Efficiency

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

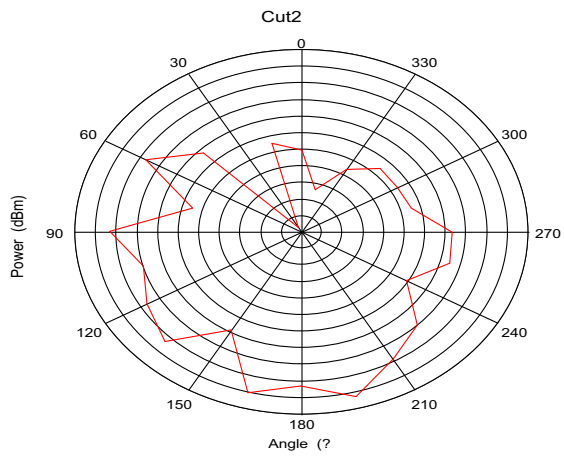
## 3D and 1D Radiation Patterns



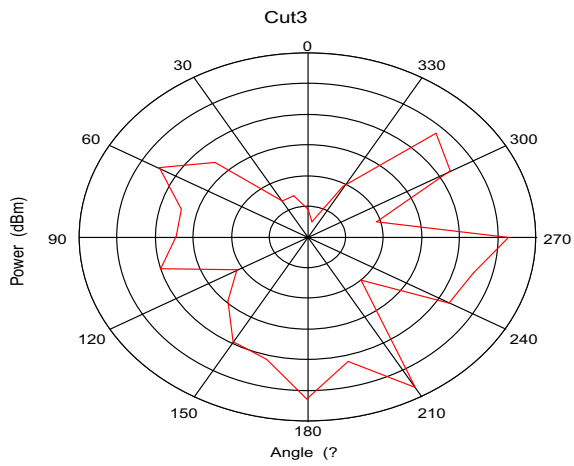
2440M TRP 1



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



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



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