

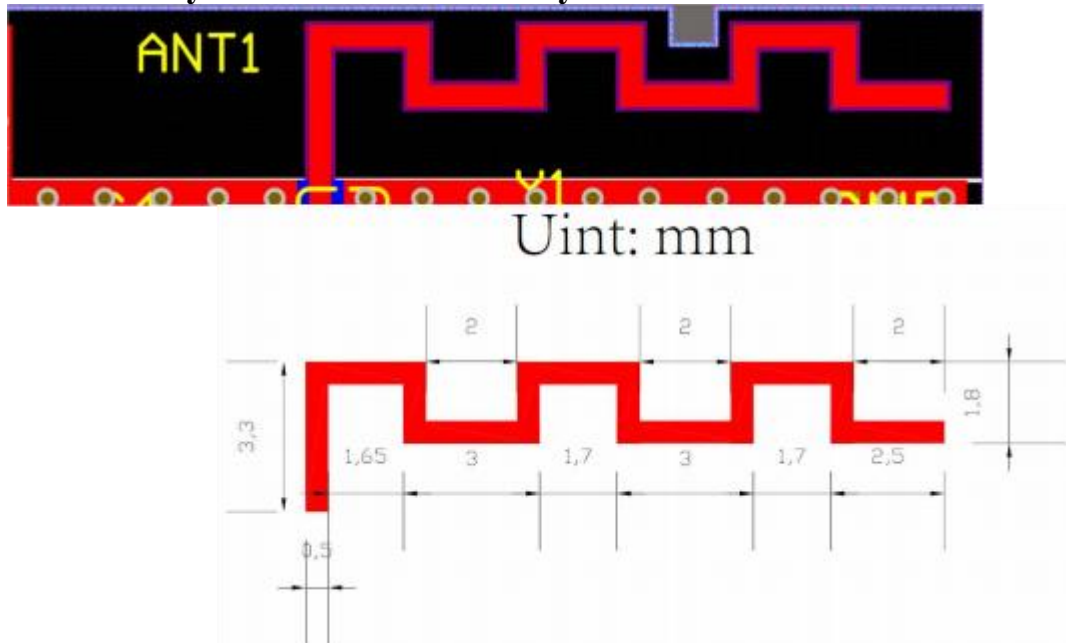
Antenna specification

Quick Reference Date

Antenna Introduction	Bluetooth antenna is directly mounted on the PCB board
Frequenc Range	2402~ 2480MHz
Ant. Port Input Pwr. (dBm)	0 (Typ. BT class 2 output power)
Tot. Rad. Pwr. (dBm)	-1.2 (Input pwr – loss pwr)
Peak EIRP(dBm)	0
Directivity (dBi)	-0.58 (all direction antenna)
Efficiency (dB)	1.0%
Gain (dBi)	0 (Avg Gain XY-plane)
Maximum Power (dBm)	0 (XY-plane)
Minimum Power (dBm)	0(XY-plane)
Avg. Power (dBm)	0(XY-plane)
Input Impendence(ohm)	50
Polarization Type	V ertical & Horizontal
V . S .W . R	< 6

All the technical data and information contained herein are subject to change without prior notice

Antenna Layout & module on the system board



Horizontal: 2400 MHz 2450 MHz 2500 MHz

Power (dBm)

Max: 0 Min: -40 Scale: 5/div

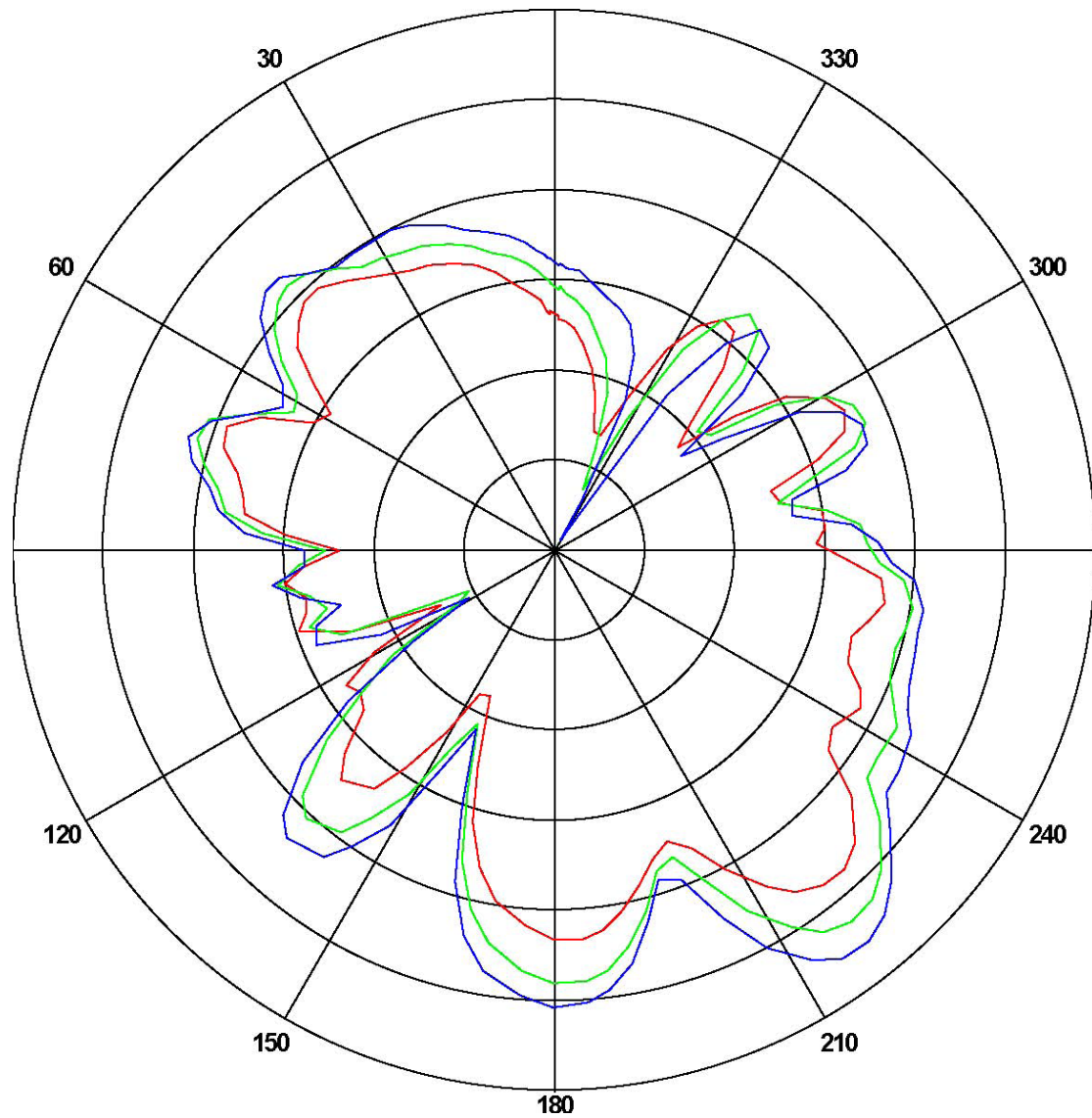


Frequency (MHz)	Gain(dB)		
	Max	Min	Avg
2400	-1.26174	-30.0801	-7.18716
2450	-0.765802	-36.5604	-7.48023
2500	-0.585582	-22.0315	-6.59127

Vertical: 2400 MHz 2450 MHz 2500 MHz

Power (dBm)

Max: 0 Min: -30 Scale: 5/div



Frequency (MHz)	Gain(dB)		
	Max	Min	Avg
2400	-5.2537	-22.1424	-12.4294
2450	-2.4652	-24.5837	-10.4702
2500	-1.86120	-29.5214	-9.20432