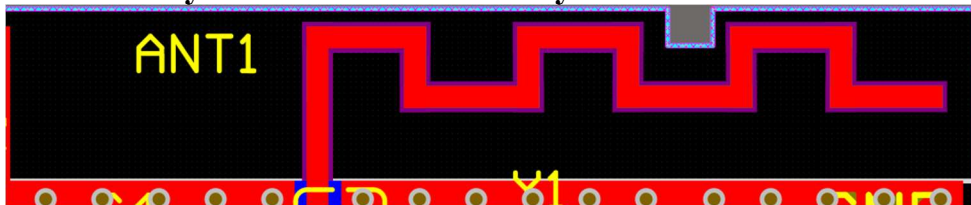


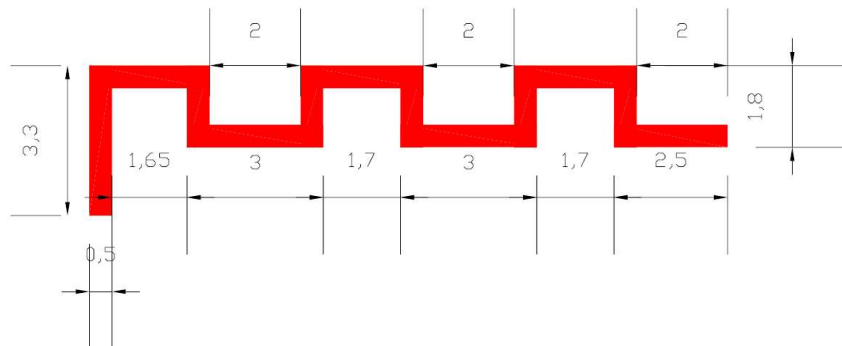
Antenna specification**Quick Reference Date**

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)	1 (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 Impedence(ohm)	50
Polarization Type	V ertical & H orizontal
V . S . W . R	< 6

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

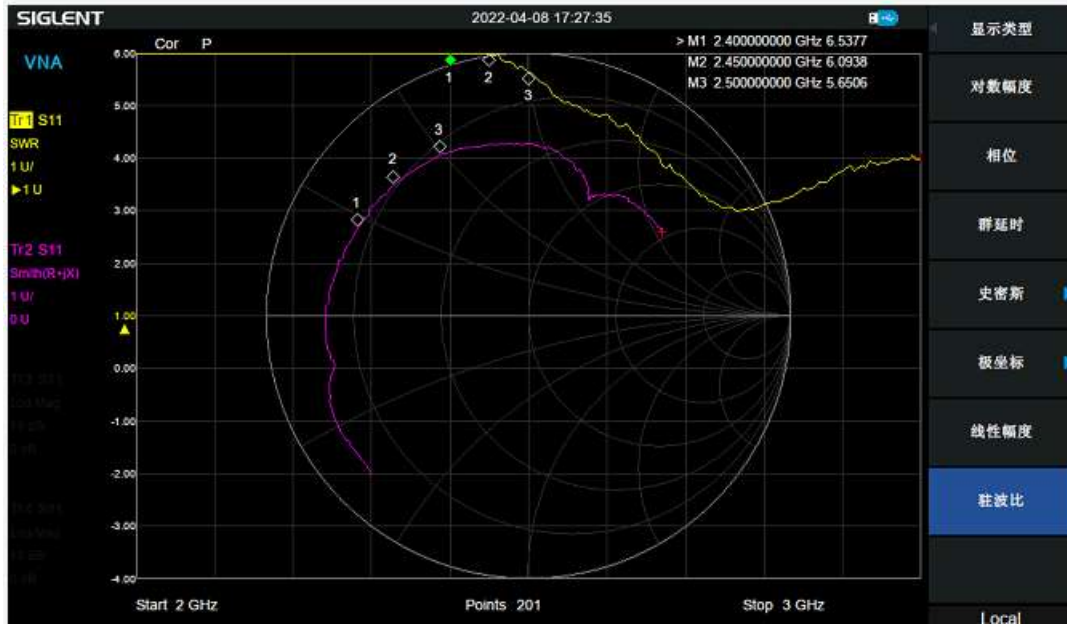
Antenna Layout & module on the system board

Unit: mm

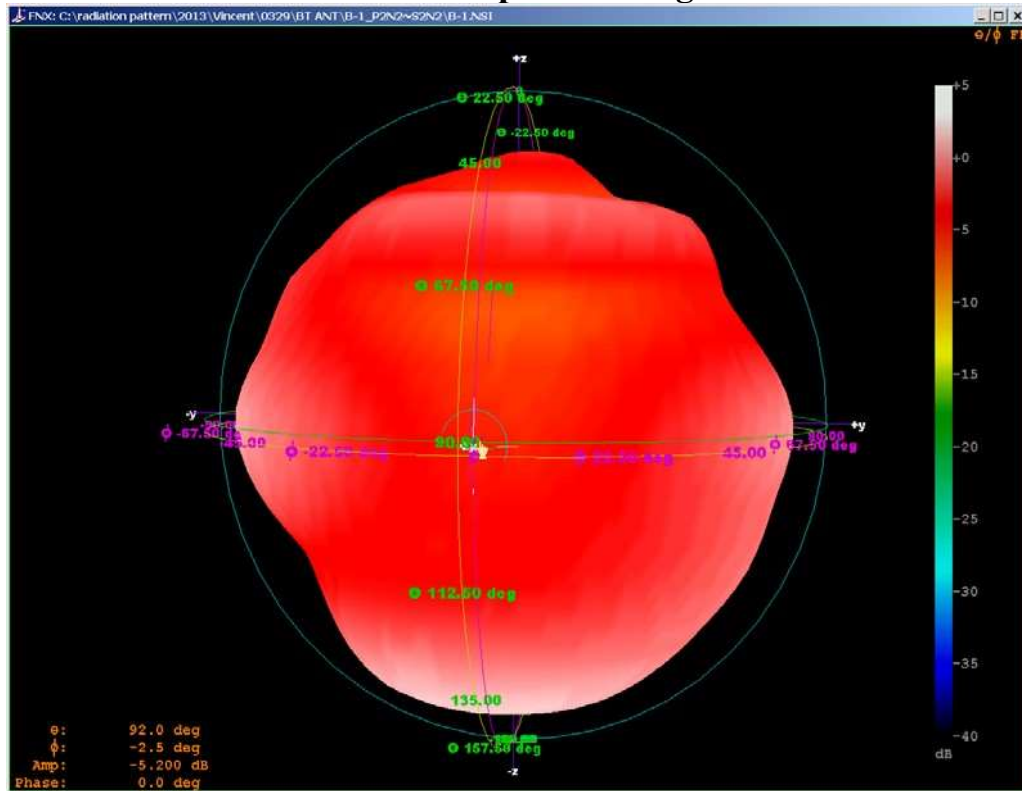
**Antenna Gain****Gain Table**

Unit in dBi @2.44GHz	XY-plane		XZ-plane		YZ-plane		Efficiency
	Peak	Avg.	Peak	Avg.	Peak	Avg.	
Module Board	0	0	0	0	0	0	0

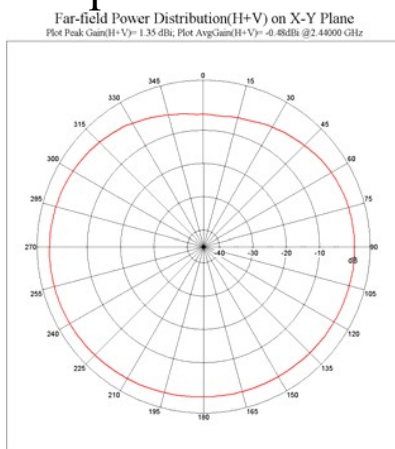
Return Loss



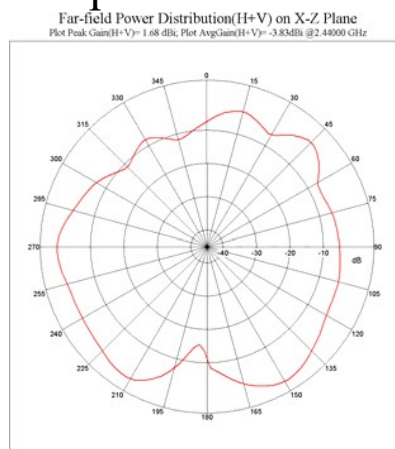
3D radiation pattern diagram



XY-plane



XZ-plane



YZ-plane

