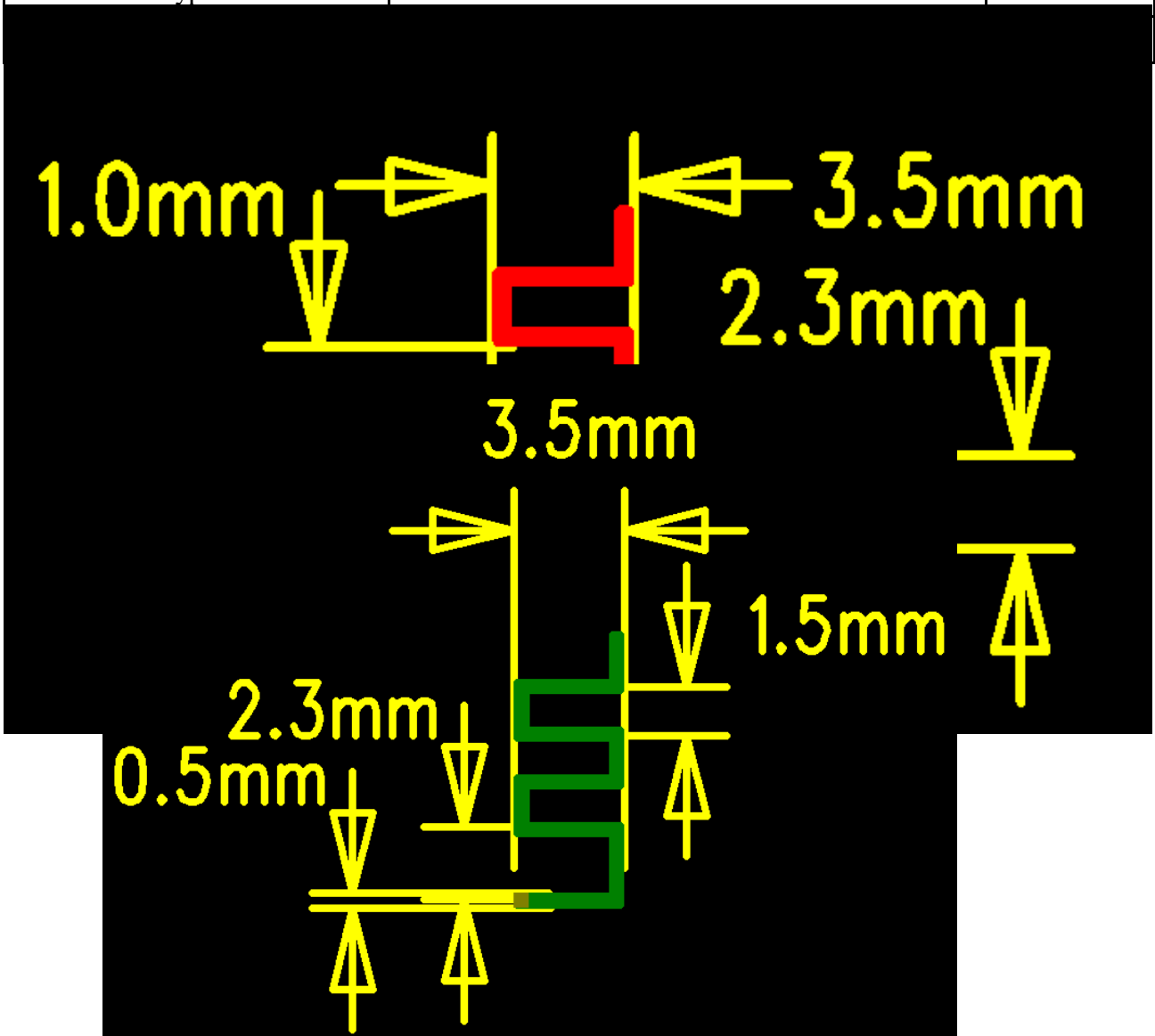


Product specification

Quick Reference Date

	Antenna module on the system board	
Frequenc Range	2400 ~ 2500MHz	
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)	1.2	
Directivity (dBi)	1 (all direction antenna)	
Efficiency (dB)	6 0.2 %	
Gain (dBi)	1.68 (Peak Gain XY-plane)	
Maximum Power (dBm)	1.7 (XY-plane)	
Minimum Power (dBm)	-4(XY-plane)	
Avg. Power (dBm)	-0.5(XY-plane)	
Input Impedence(ohm)	50	
Polarization Type	Vertical /Horizontal	



Antenna Gain

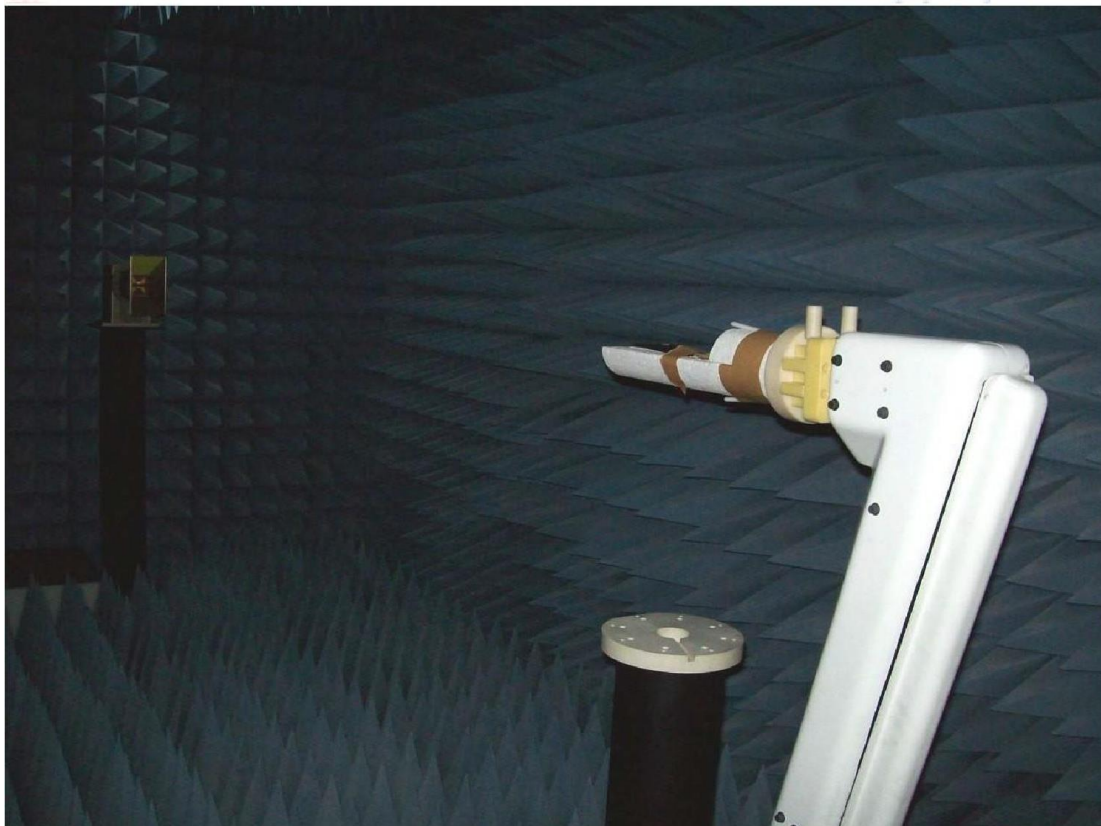
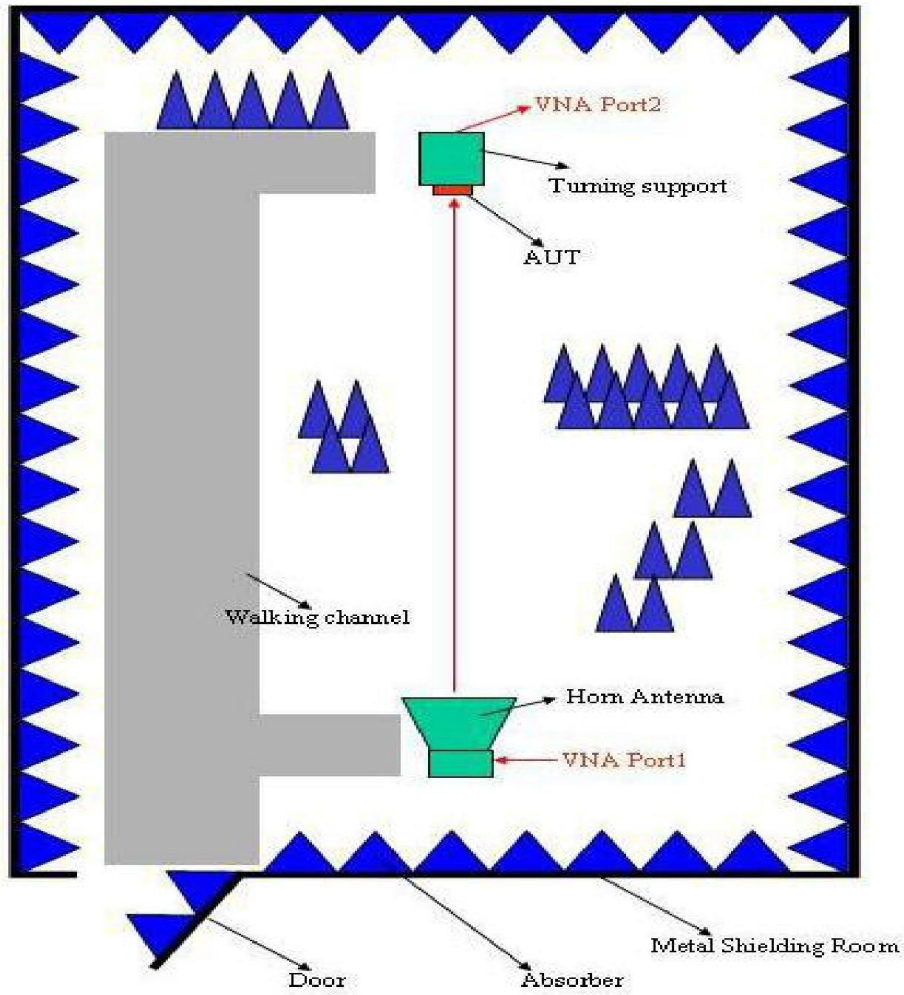
Gain Table

Unit in dBi @2.44GHz	XY-plane		XZ-plane		YZ-plane		Efficiency
	Peak	Avg.	Peak	Avg.	Peak	Avg.	
Module Board	1.2	0	1.9	0	1.1	0	60.2 %

Return Lo

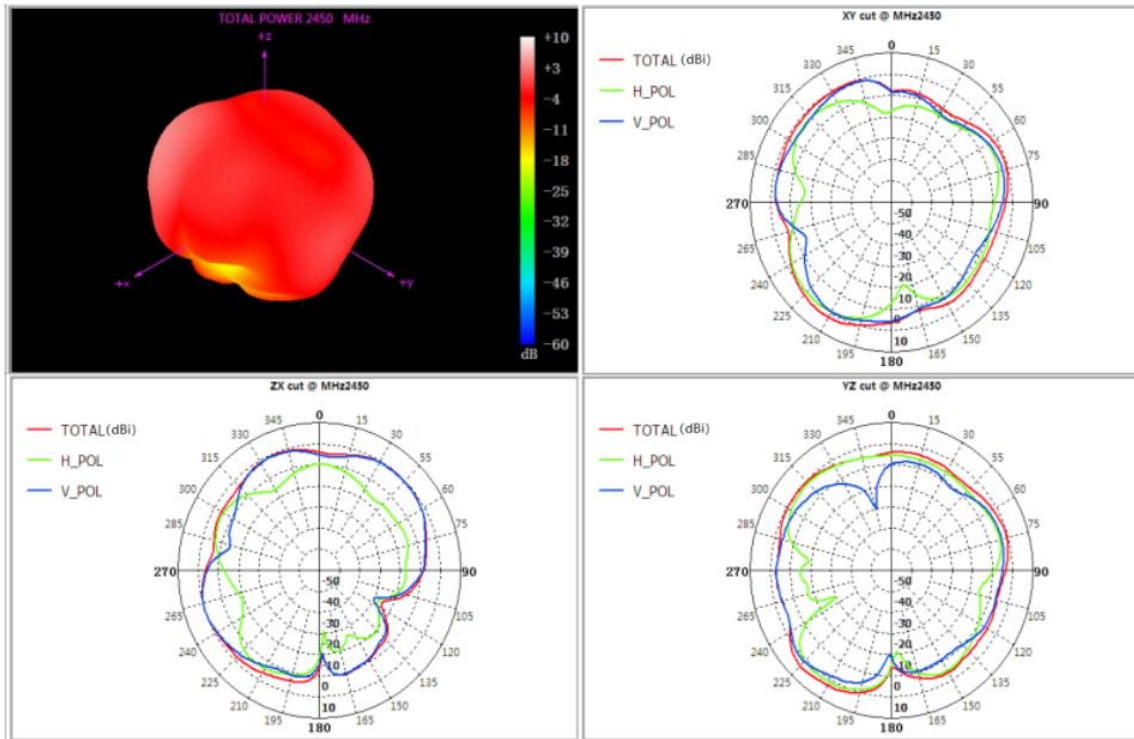


The Environment of Antenna Radiation Pattern



2D&3D radiation pattern diagram

Antenna Radiation Pattern



Frequency (MHz)	2400	2450	2500
Avg. Gain (dBi)	- 1 .91	- 1.48	- 1 .31
Peck Gain (dBi)	1 .25	1.34	1.68
Efficiency (%)	72. 1	74.5	78.2

ANT manufactuer

Jiangmen yongxu circuit board co., ltd.

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