

Product specification

Quick Reference Data

Model	2.4G PCB ANT	
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)	1.9 (Avg 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	V ertical & H orizontal	
V . S .W .R	< 1.4	

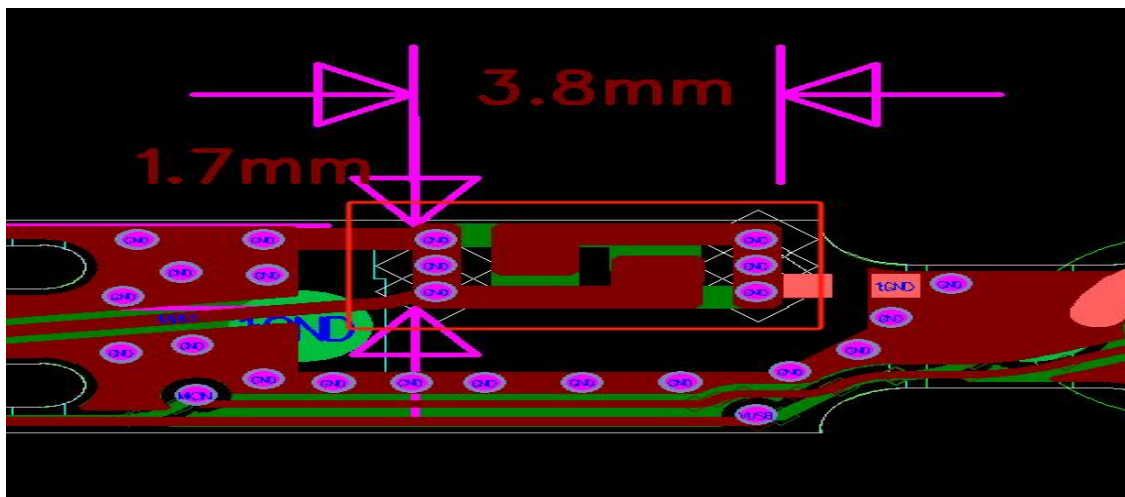
All the technical data and information contained herein are subject to change without prior notice

MANUFACTURER Information

Shenzhen yunhuixiang Technology Co., Ltd.

C1202, Building 2, Shenzhen Software Industry Base, No. 87, 89 and 91, Gaxin Nanshi Road
Binhai Community, Yuehai Street, Nanshan,Shenzhen China

Antenna Layout & module on the system board

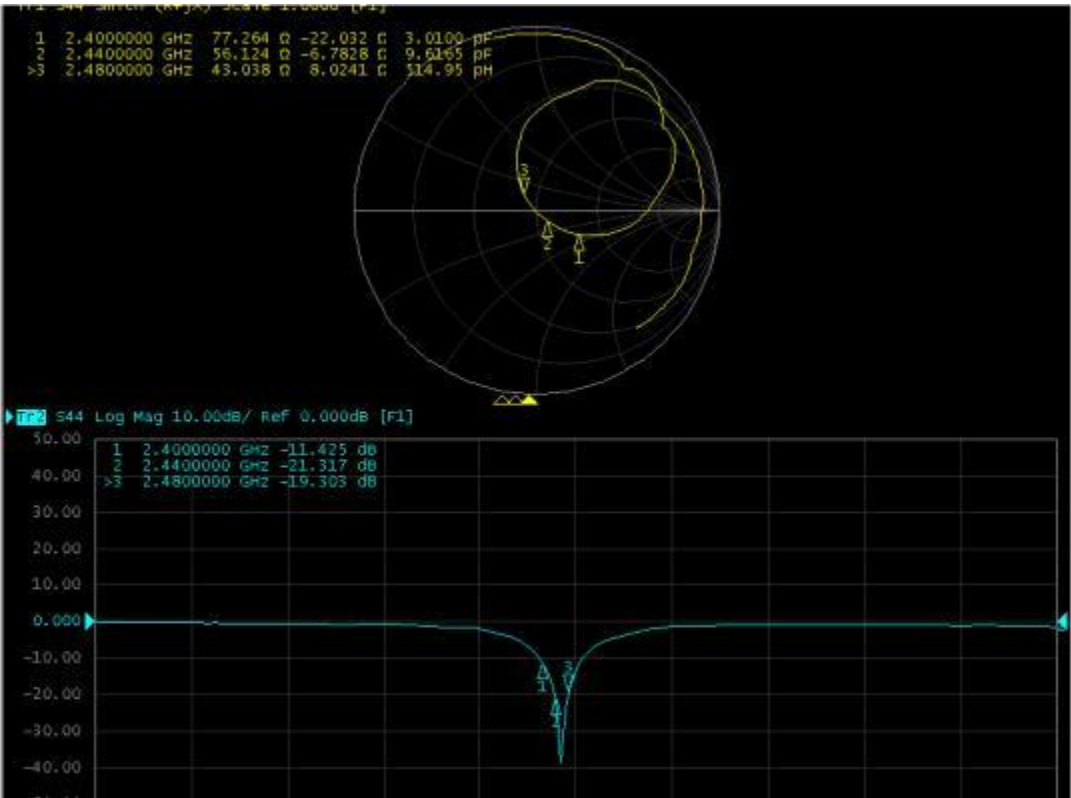


Antenna Gain

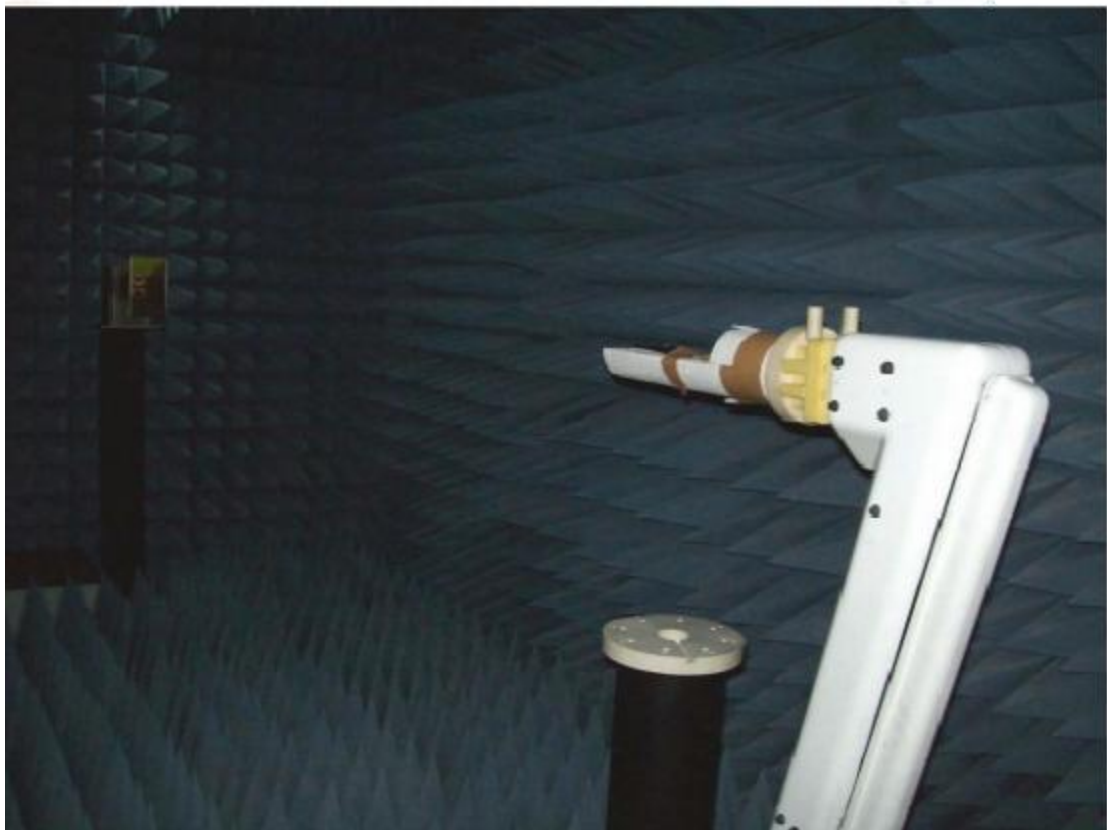
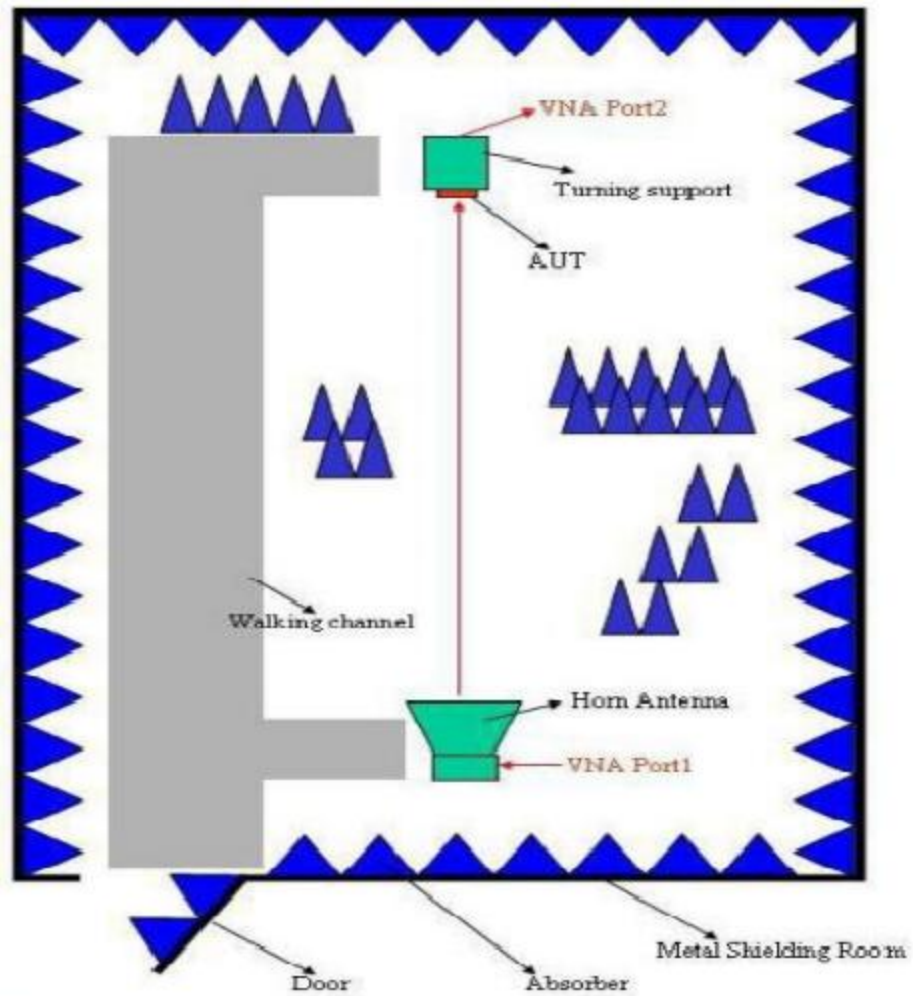
Gain Table

Unit in dBi @2.44GHz	XY-plane		XZ-plane		YZ-plane		Efficiency
	Peak	Avg.	Peak	Avg.	Peak	Avg.	
Module Board	1.2	-0.5	1.9	-3.6	1.1	-3.0	60.2 %

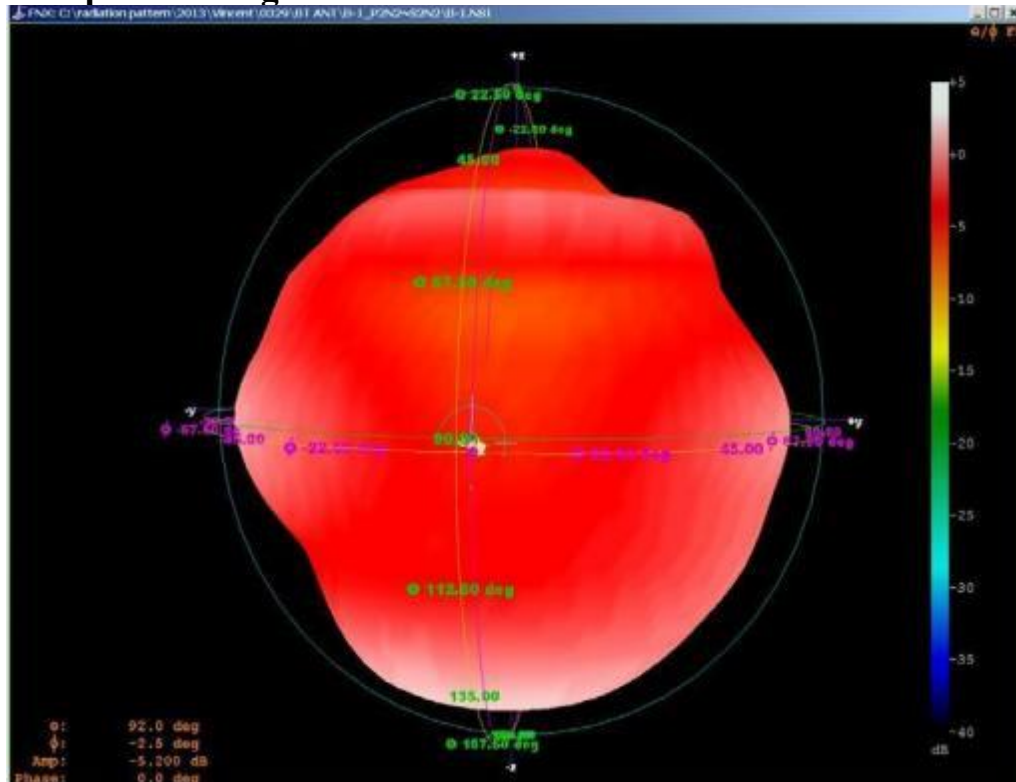
Return Loss



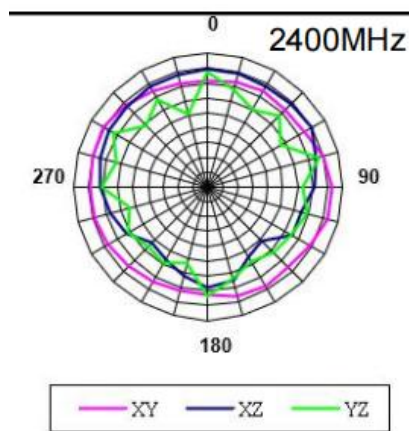
The Environment of Antenna Radiation Pattern



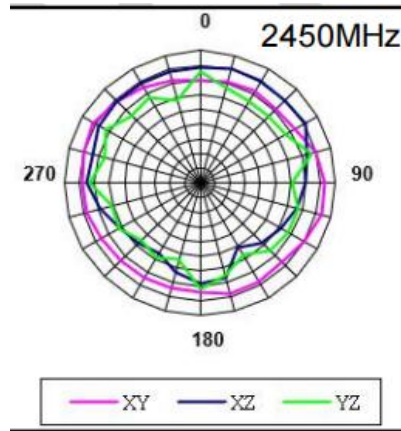
3D radiation pattern diagram



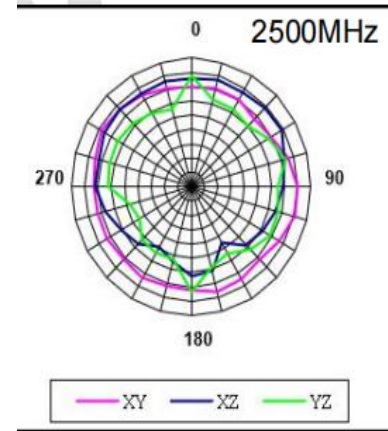
XY-plane



XZ-plane



YZ-plane



	2400MHz	2450MHz	2500MHz
Efficiency	60.2%	63%	60%
Peak Gain	1.2 dBi	1.9 dBi	1.1dBi
Directivity	1.96 dBi	1.97 dBi	1.90 dBi