

## Product specification

### Quick Reference Date

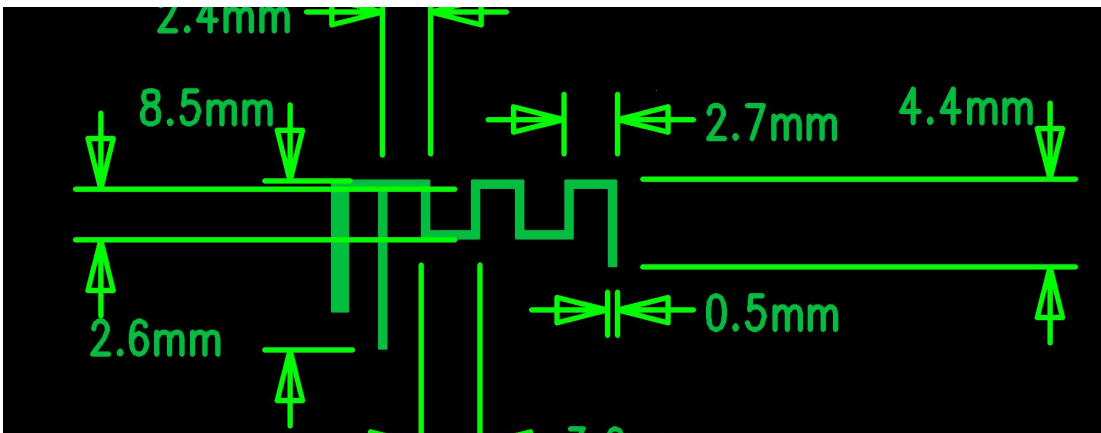
	Antenna module on the system board	
Frequenc Range	2400 ~ 2500MHz	
Ant. Port Input Pwr. (dBm)	0 (Typ. BT class 2 output power)	
Tot. Rad. Pwr. (dBm)	- 1.2 (Input pwr – loss pwr)	
Peak EIRP(dBm)	-1.2	
Directivity (dBi)	1 (all direction antenna)	
Efficiency (dB)	6 0.2 %	
Gain (dBi)	-0.58(Peak Gain XY-plane)	
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	V ertical & Horizontal	
V . S .W .R	< 1.4	

Manufacturer: Zhaoqing Zhixuan Technology Co., Ltd

Add:10 R&D Building, Juyi Zhichuang Park, No. 18 Longhu Avenue, Zhaoqing City, Guangdong Province, China

Model: ZX-C

### Antenna Layout & module on the system board



### Antenna Gain

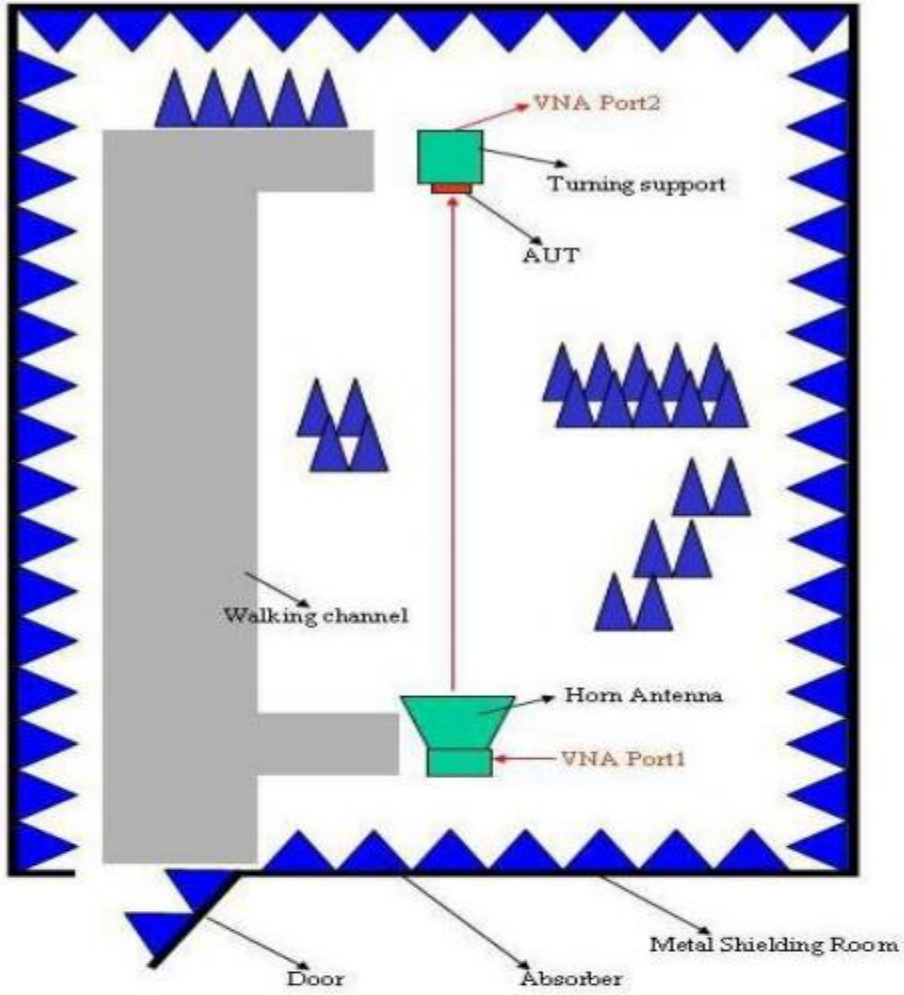
Gain Table

Unit in dBi @2.44GHz	XY-plane		XZ-plane		YZ-plane		Efficiency
	Peak	Avg.	Peak	Avg.	Peak	Avg.	
Module Board	-0.58	-1.18	-1.68	-1.42	-1.11	-1.07	6 0.2 %

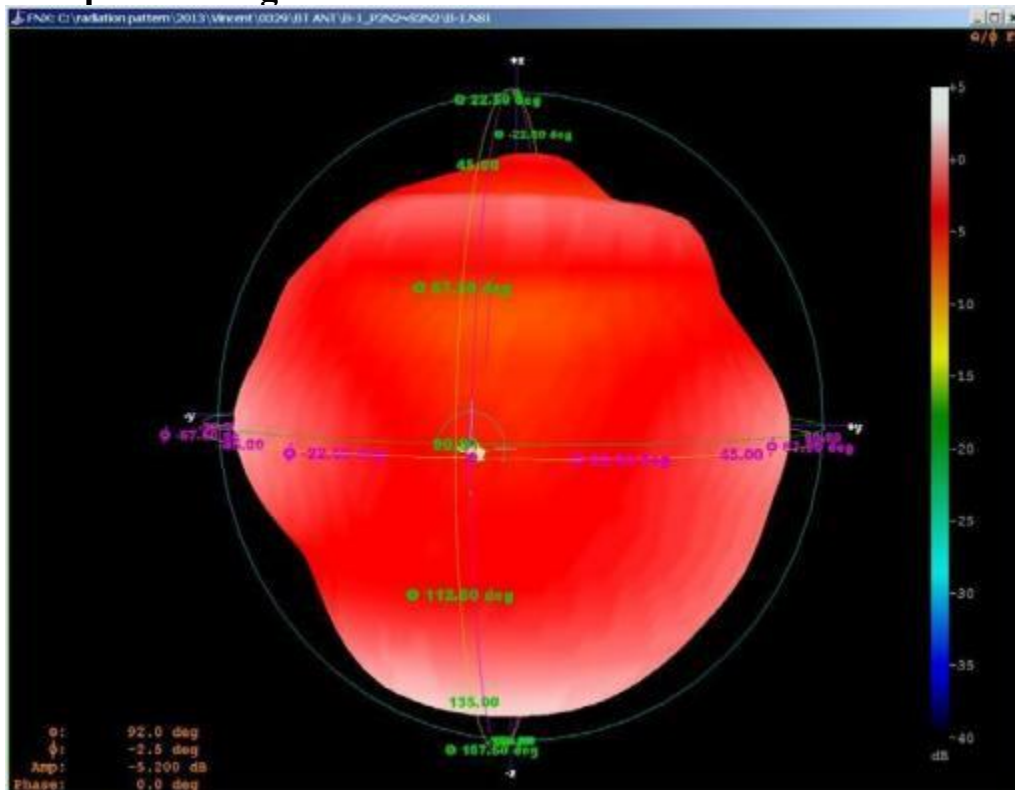
# Return Loss



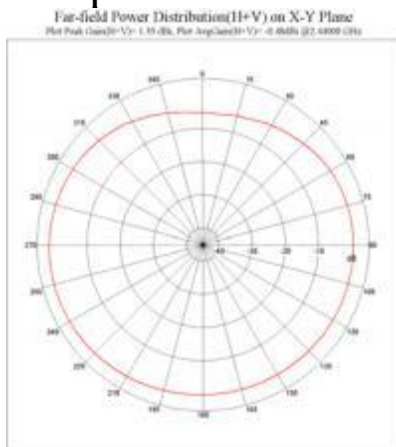
# The Environment of Antenna Radiation Pattern



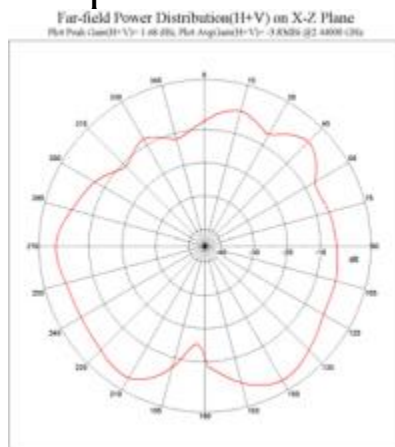
# 3D radiation pattern diagram



## XY-plane



## XZ-plane



## YZ-plane

