

2.4G Antenna Specification

	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 %
Max Gain (dBi)	1.9
Input Impendence(ohm)	50
Polarization Type	V ertical & Horizontal
Manufacture	SHENZHEN GAOSHANG SHENGHUO PRODUCTS CO.,LTD
Address	313 Building D, No.30,Sanwei Hanghang Road, Sanwei Community, Hangcheng Street, Baoan District, Shenzhen, China

Antenna Layout & module on the system board

Antenna Length: 10mm X 4.6mm



Antenna Gain

Gain Table

Unint 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



