

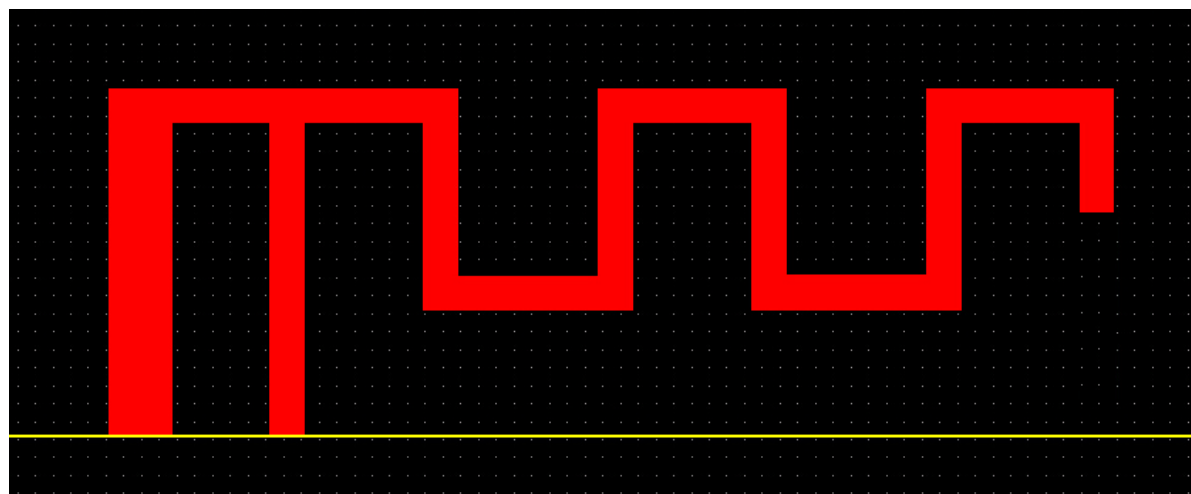
Product specification

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 %
Peak Gain (dBi)	1.9dBi
Maximum Power (dBm)	1.7 (XY-plane)
Minimum Power (dBm)	-4(XY-plane)
Avg. Power (dBm)	-0.5(XY-plane)
Input Impendence(ohm)	50
Polarization Type	Vertical & Horizontal
V . S .W . R	< 1.4
Antenna Manufacturer	General Atronics Circuit Board Ltd.
Address	Shantang Industrial Park, Qingxin County, Qing Yuan City, Guang Dong, China

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

Antenna Layout & module on the system board



Retum Loss



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 %

The Environment of Antenna Radiation Pattern



3D radiation pattern diagram



XY-plane



XZ-plane



YZ-plane

