

Product specification

Company information : Dongguan qinshiwei Electronic Technology Co., Ltd

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)	0
Directivity (dBi)	1(all direction antenna)
Gain (dBi)	1.68 (Peak Gain XZ-plane)
Input Impedence(ohm)	50
Polarization Type	V ertical & Horizontal
V . S . W . R	< 6

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

Antenna Layout & module on the system board

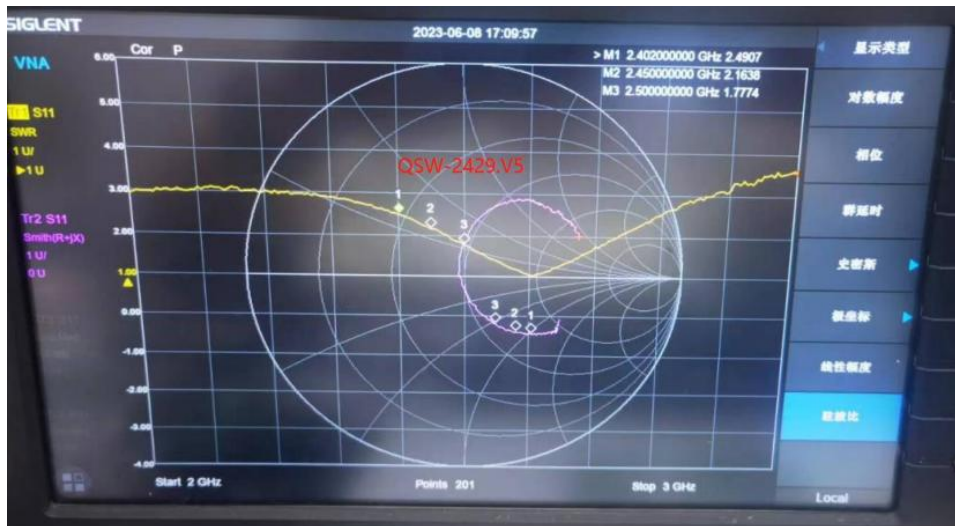


Antenna Gain

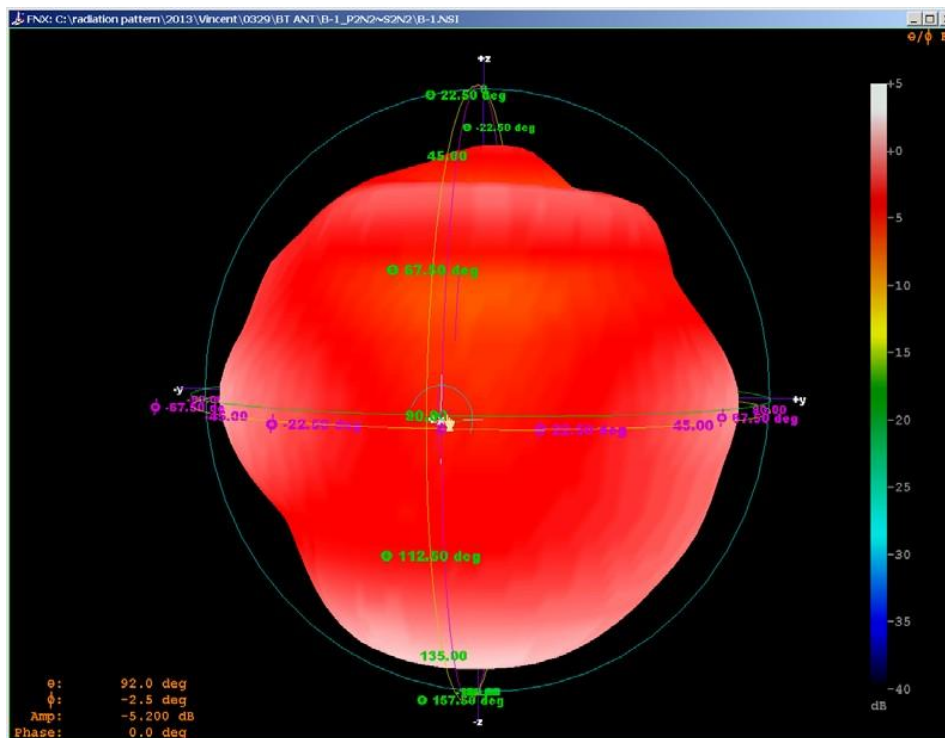
Gain Table

Unit in dBi @2.44GHz	XY-plane		XZ-plane		YZ-plane	
	Peak	Avg.	Peak	Avg.	Peak	Avg.
Module Board	1.35	-0.48	1.68	-3.83	1.11	-2.99

Return Loss

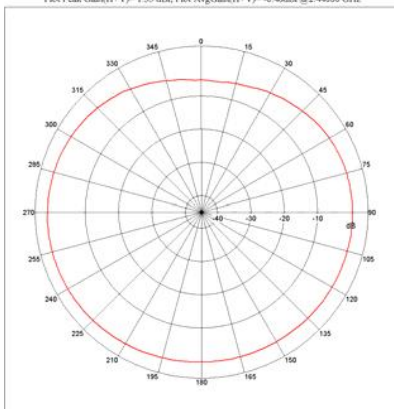


3D radiation pattern diagram



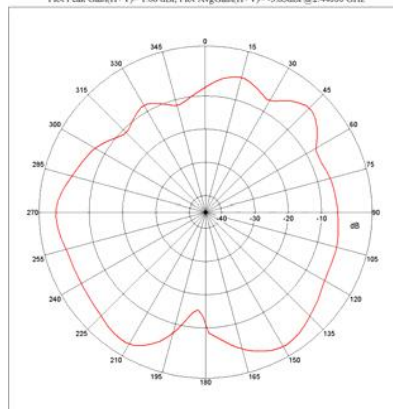
XY-plane

Far-field Power Distribution(H+V) on X-Y Plane
Plot Peak Gain(H+V)= 1.35 dB; Plot AvgGain(H+V)= -0.48dB @2.4000 GHz



XZ-plane

Far-field Power Distribution(H+V) on X-Z Plane
Plot Peak Gain(H+V)= 1.08 dB; Plot AvgGain(H+V)= -3.83dB @2.4000 GHz



YZ-plane

Far-field Power Distribution(H+V) on Y-Z Plane
Plot Peak Gain(H+V)= 1.11 dB; Plot AvgGain(H+V)= -2.99dB @2.4000 GHz

