

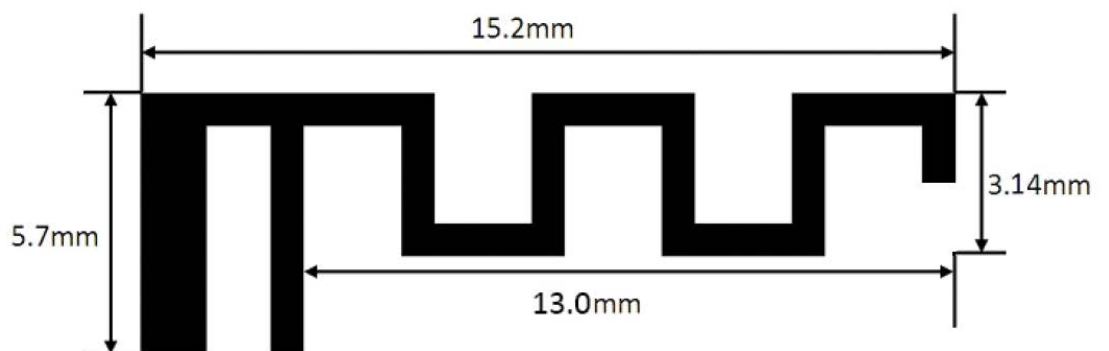
Product specification

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)	1.9 (Peak Gain XZ-plane))	
Maximum Power (dBm)	1.7 (XZ-plane)	
Minimum Power (dBm)	-4(XZ-plane)	
Avg. Power (dBm)	-0.5(XZ-plane)	
Input Impendence(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

Antenna Layout & module on the system board

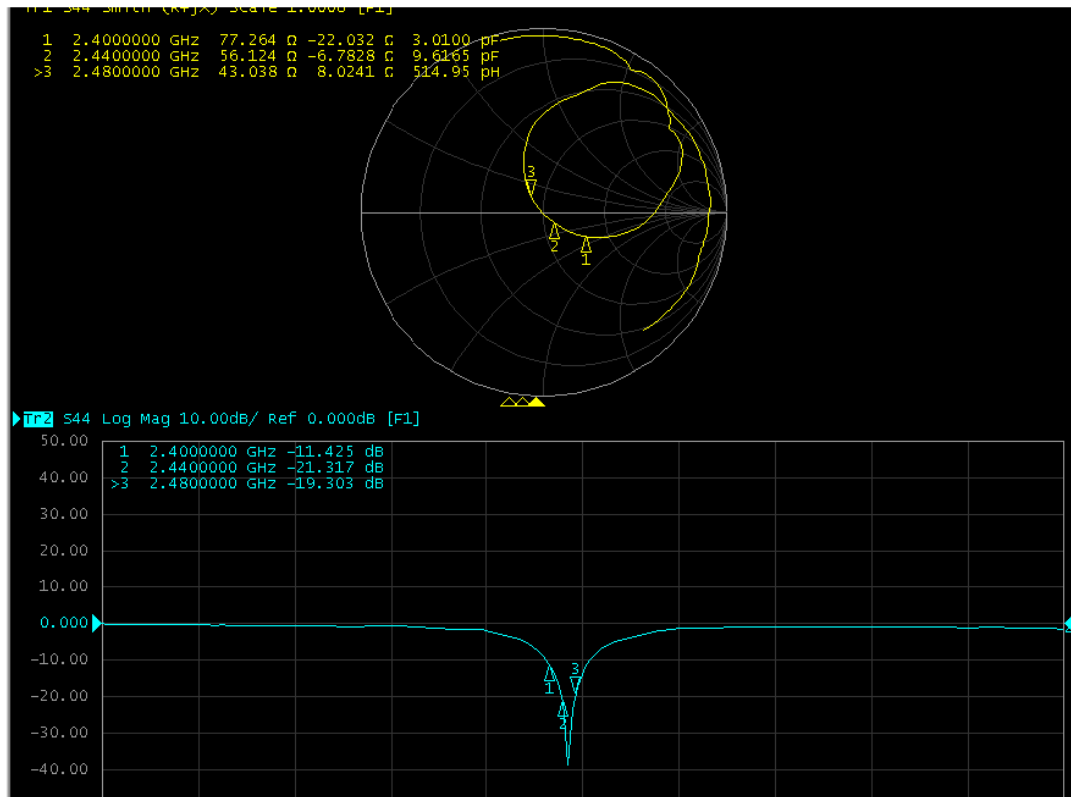


Antenna Gain

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	6 0.2 %

Return Loss

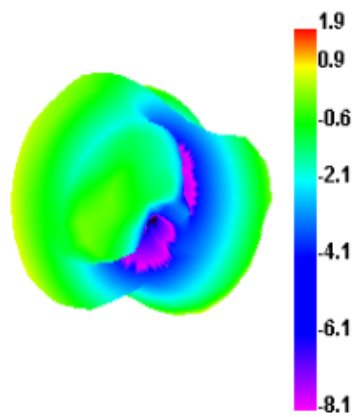


Manufacturer: SHENZHEN AVWOO TECHNOLOGY CO., LTD
Address: 3F, Block 2, Longtang Industrial Park, Liuyue Community,
Henggang Street, Longgang District, Shenzhen, China

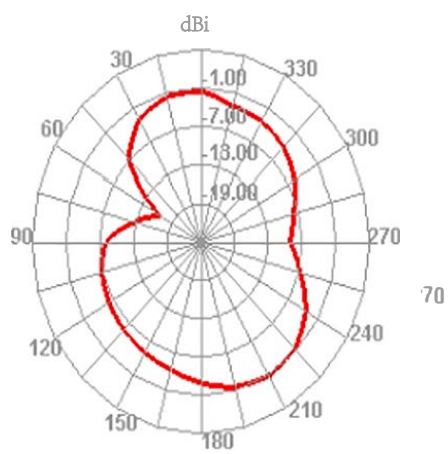
The Environment of Antenna Radiation Pattern



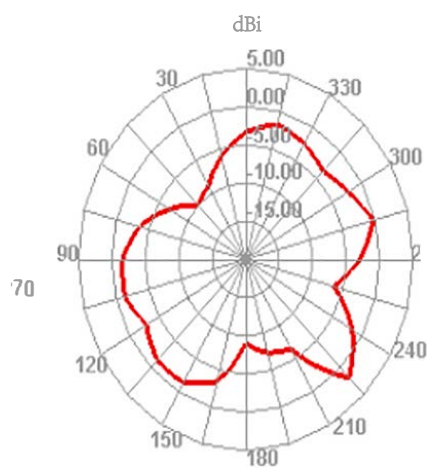
2440.000MHz



XY-plane



XZ-plane



YZ-plane

