

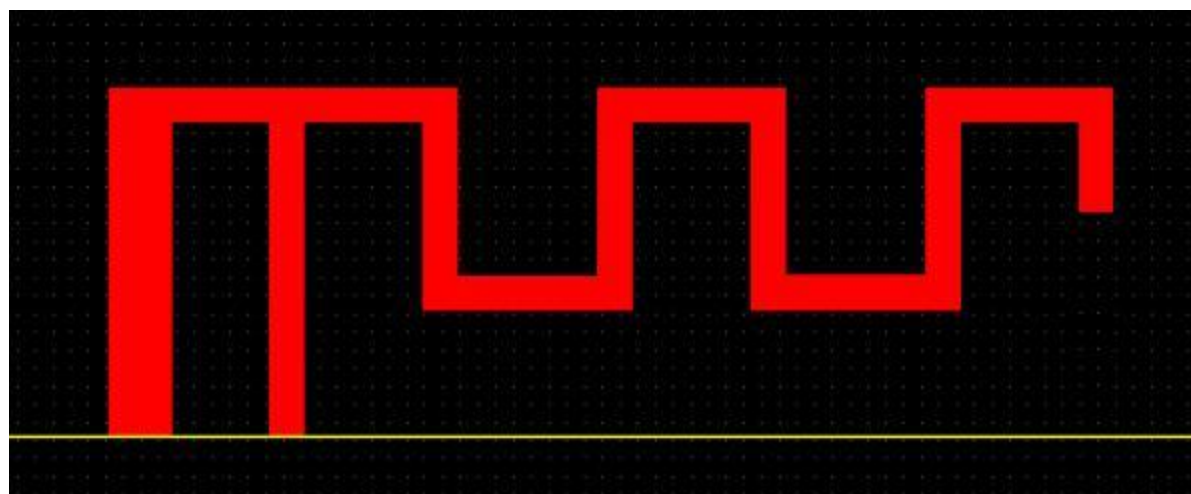
Product specification

Quick Reference Date

	Antenna module on the system board	
Frequenc Range	2400 ~ 2500MHz	
Efficiency (dB)	6 0.2 %	
Gain (dBi)	1.9 (Avg Gain XZ-plane)	
Input Impedence(ohm)	50	
Polarization Type	V ertical & Horizontal	
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

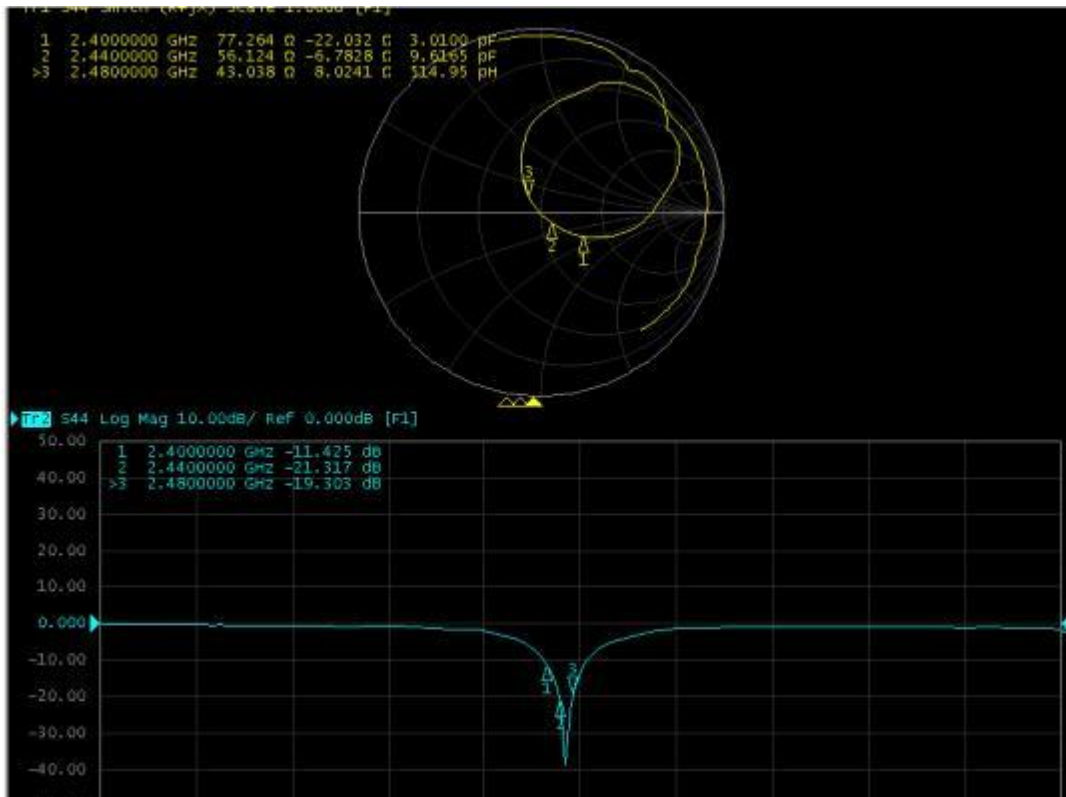


Antenna Gain

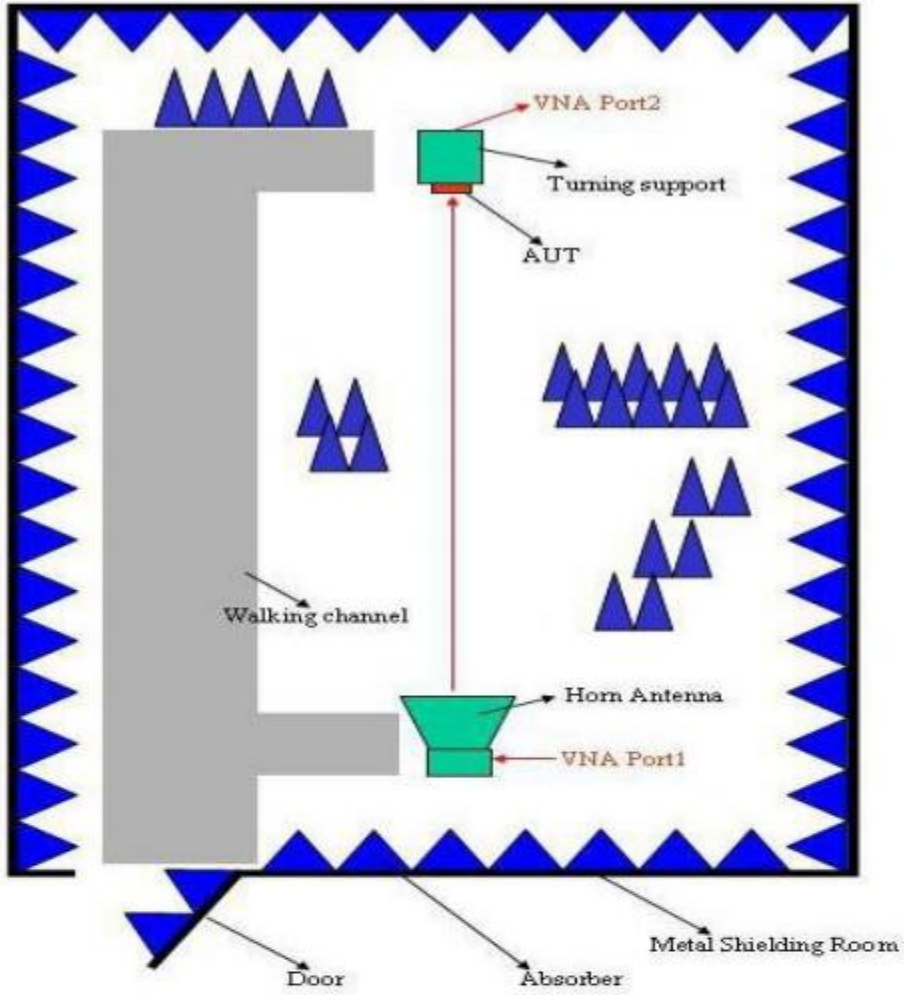
Gain Table

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 %

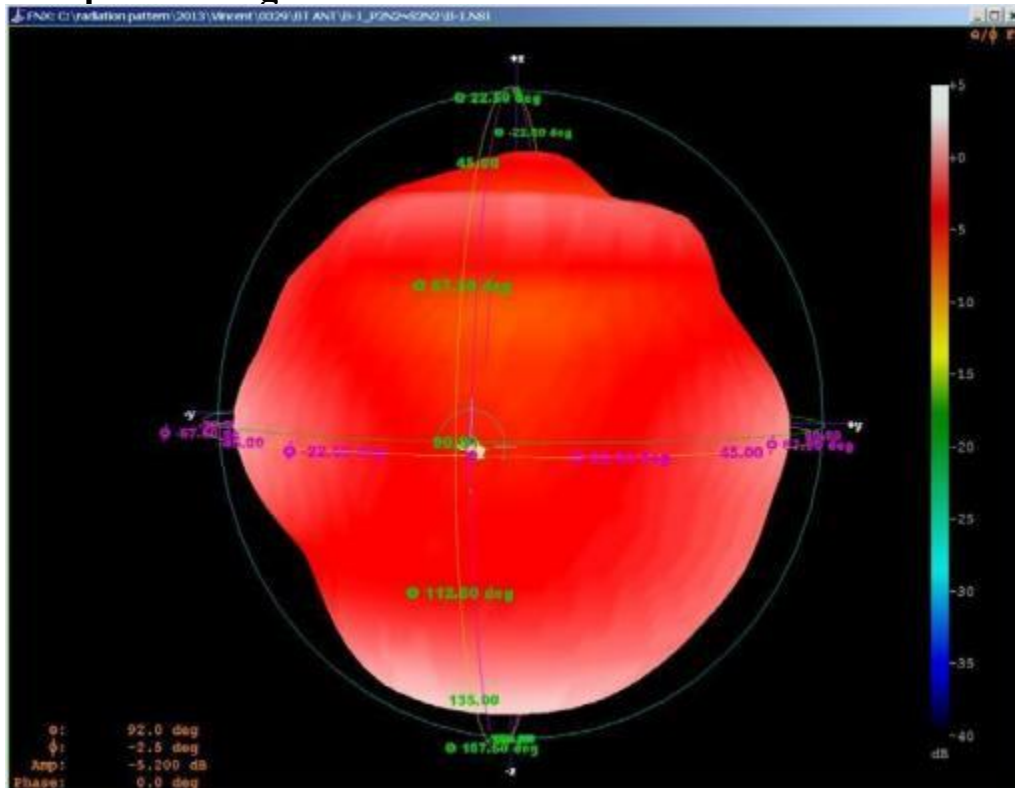
Return Loss



The Environment of Antenna Radiation Pattern

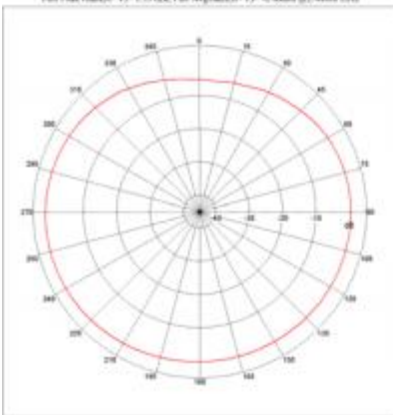


3D radiation pattern diagram



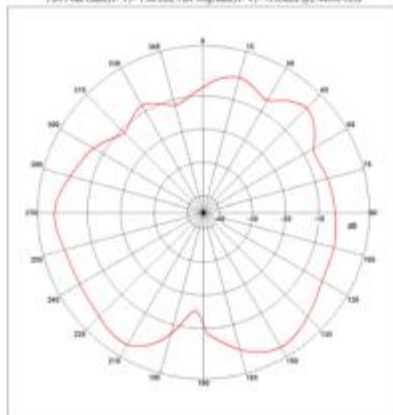
XY-plane

Far-field Power Distribution(H+V) on X-Y Plane
 Plot Peak Gain(H+V): 1.15 dB, Plot AmpGain(H+V): -0.46dB @2.4800 GHz



XZ-plane

Far-field Power Distribution(H+V) on X-Z Plane
 Plot Peak Gain(H+V): 1.26 dB, Plot AmpGain(H+V): -0.20dB @2.4800 GHz



YZ-plane

Far-field Power Distribution(H+V) on Y-Z Plane
 Plot Peak Gain(H+V): 1.11 dB, Plot AmpGain(H+V): -2.19dB @2.4800 GHz

