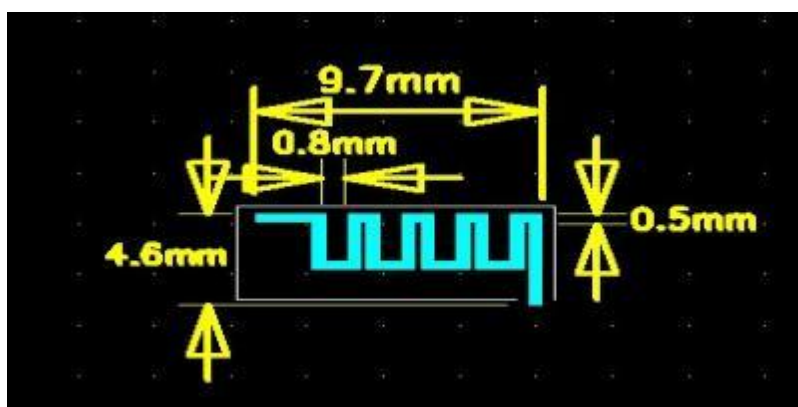


Product specification

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 GAIN(dBi)	1.9	
Directivity (dBi)	1 (all direction antenna)	
Efficiency (dB)	6 0.2 %	
Input Impedence(ohm)	50	
Polarization Type	V ertical & Horizontal	
V . S .W . R	< 1.4	

Antenna Layout & module on the system board



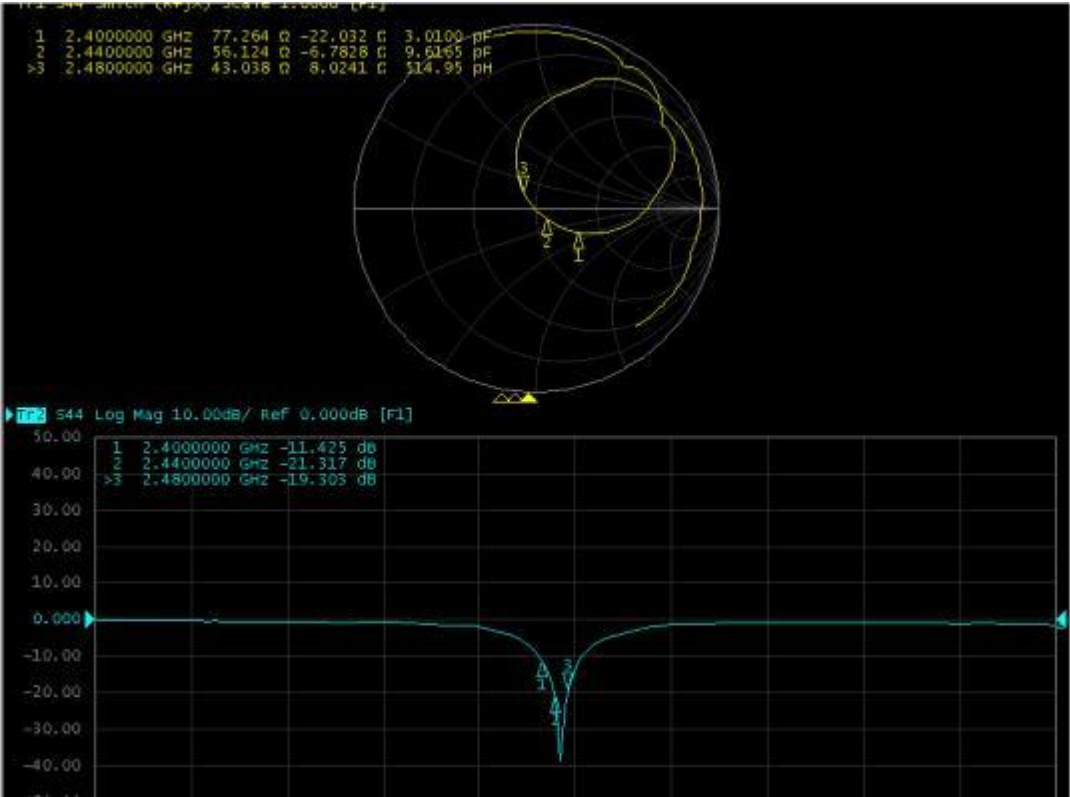
Antenna Gain

Gain Table

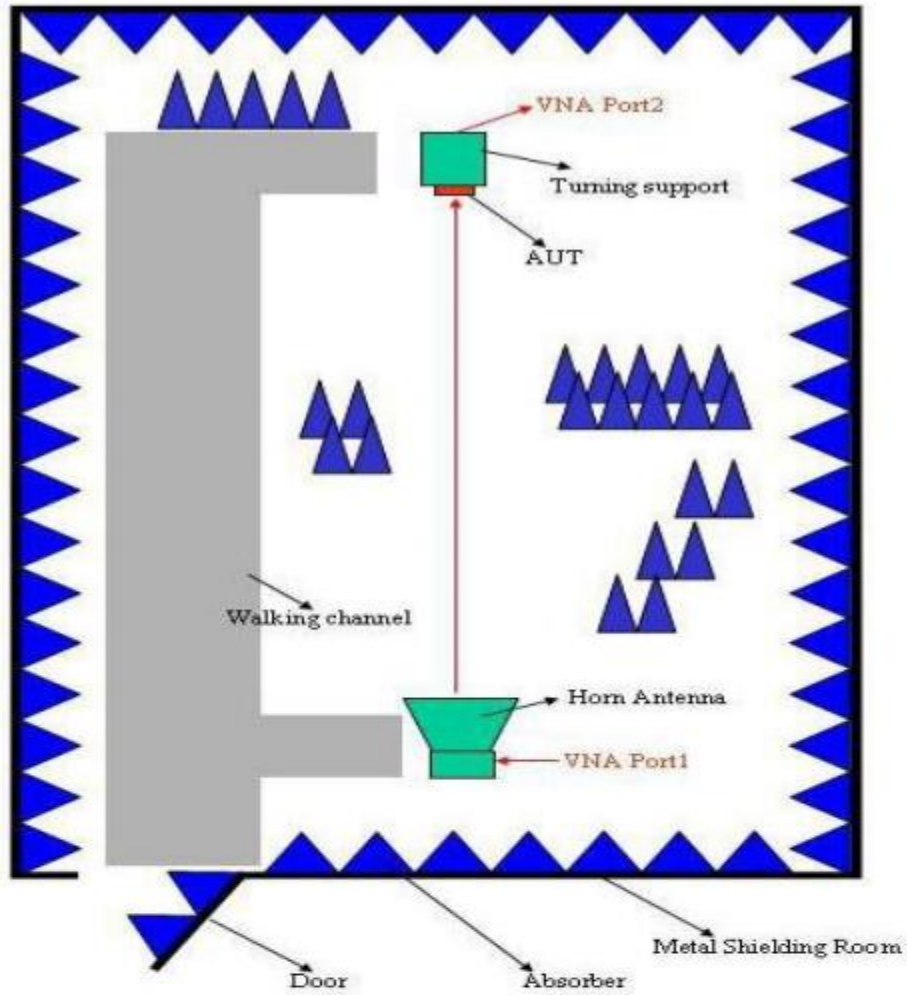
Unit in dBi @2.44GHz	XY-plane		XZ-plane		YZ-plane		Efficiency
	Peak	Avg.	Peak	Avg.	Peak	Avg.	
Module Board	1.2	-0.5	1.9	-3.6	1.1	-3.0	6 0.2 %

Manufacturer:	Huizhou Zhengcheng Audio Co.,Ltd
Address of Manufacturer:	Intercontinental Industrial Park,Luoyang Street,Boluo County,Huizhou City

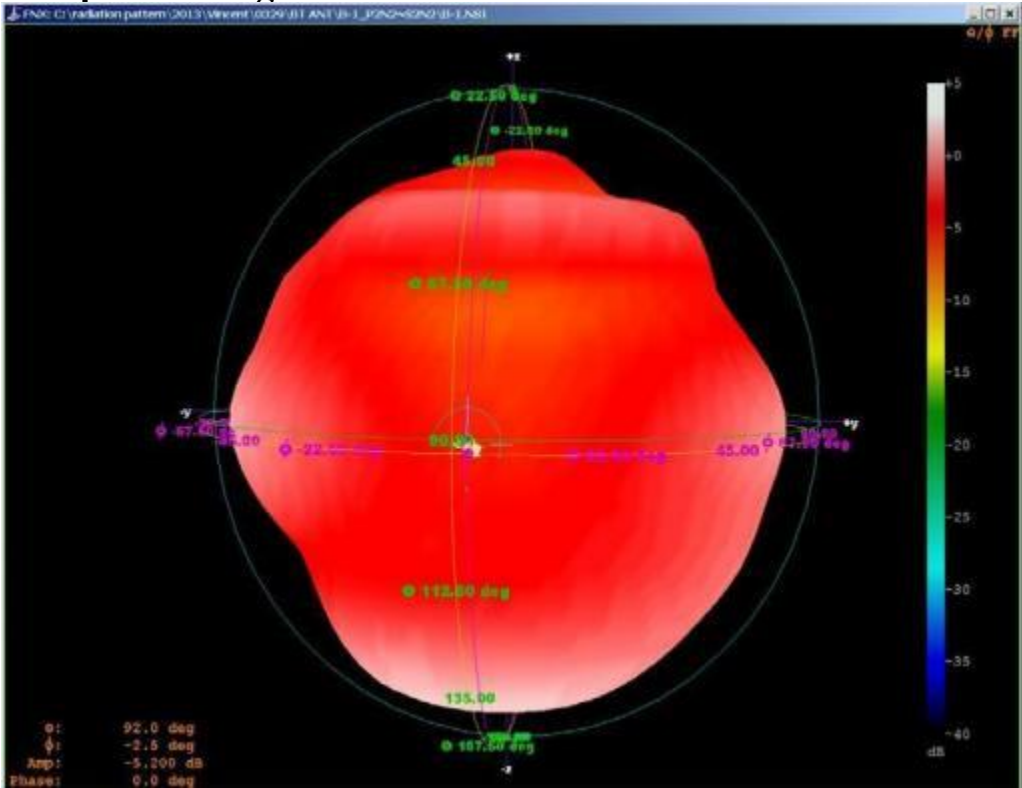
Return Loss



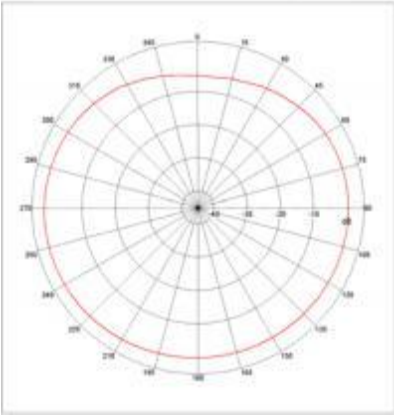
The Environment of Antenna Radiation Pattern



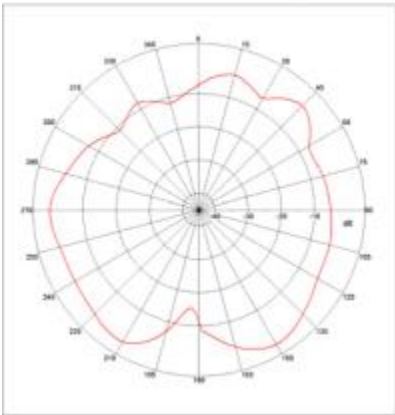
3D radiation pattern diagram



XY-plane



XZ- lane



YZ-plane

