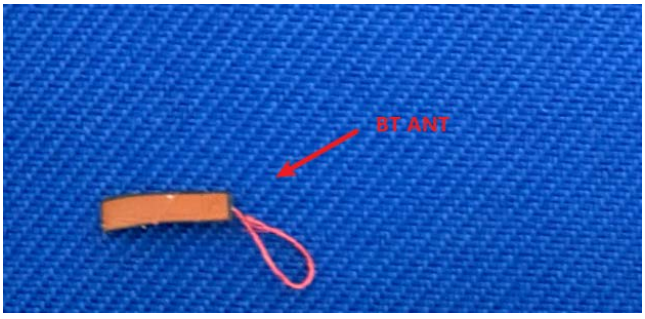
Product specification

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)	2.0 (Peak Gain XZ-plane)	
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	V ertical & Horizontal	
Antenna Type	FPC Antenna	

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

Antenna Layout & module on the system board

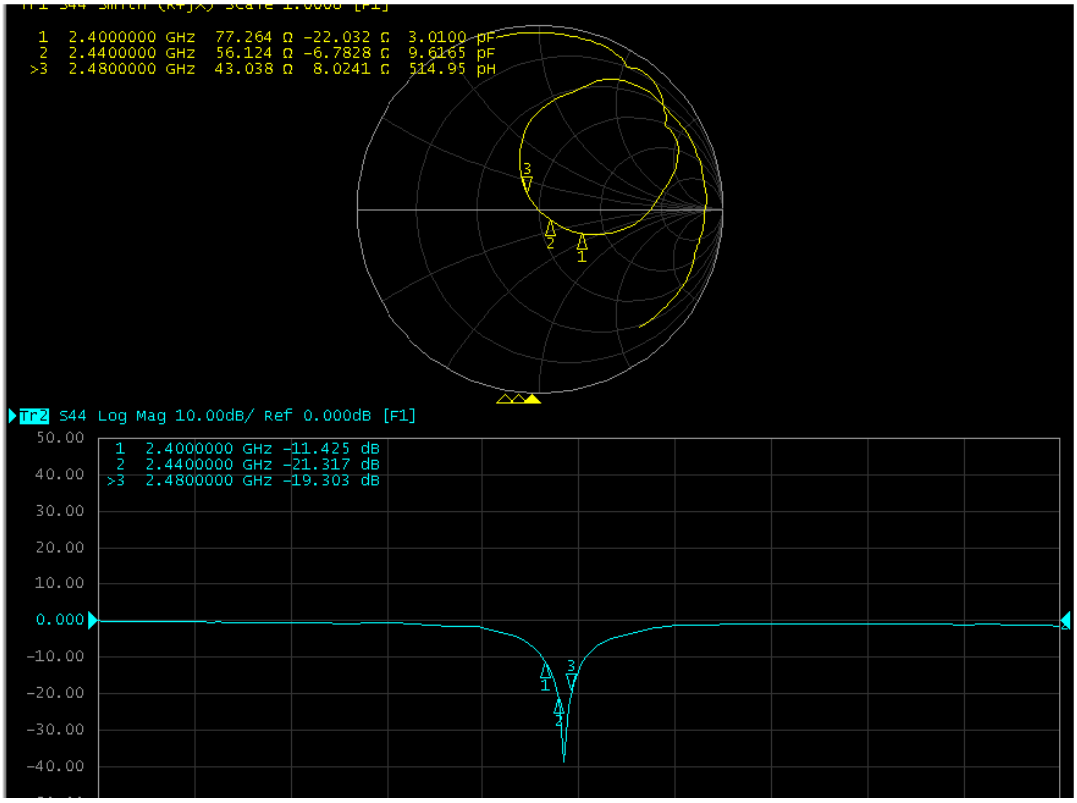


Antenna Gain

Gain Table

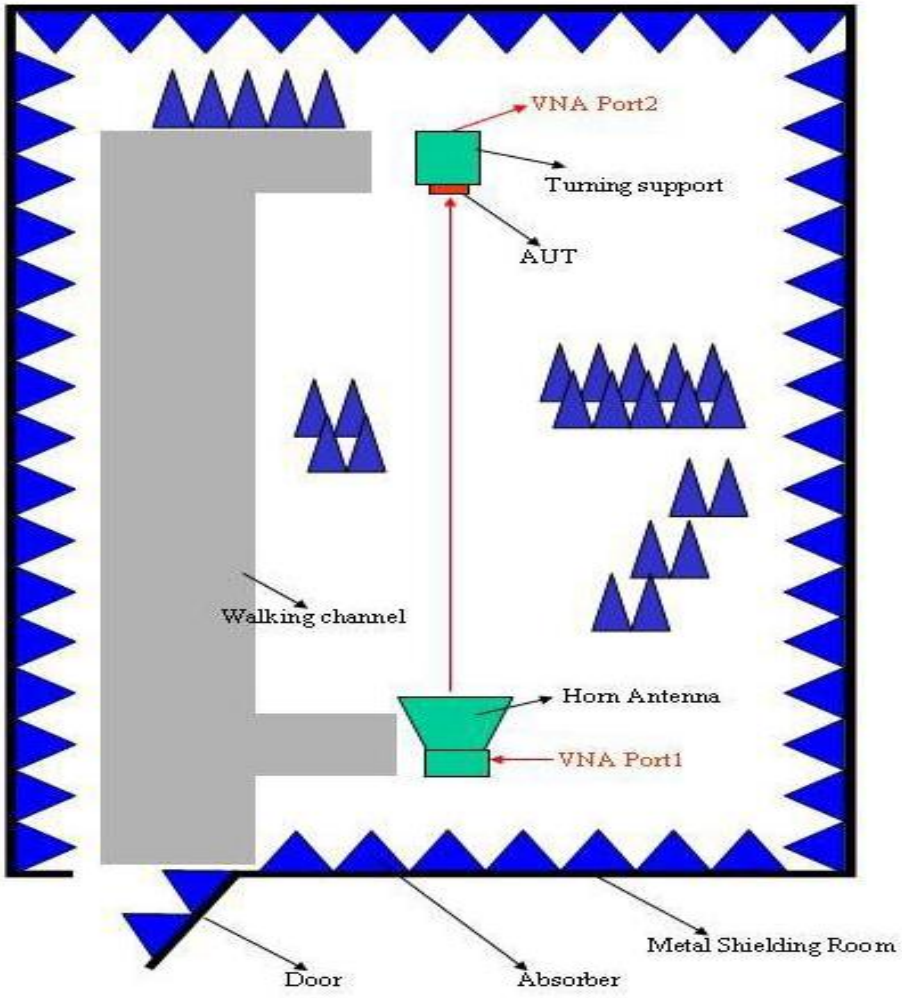
Unit in dBi @2.44GHz	XY-plane		XZ-plane		YZ-plane		Efficiency
	Peak	Avg.	Peak	Avg.	Peak	Avg.	
Module Board	1.35	-0.5	2.0	-3.6	1.11	-3.0	6 0.2 %

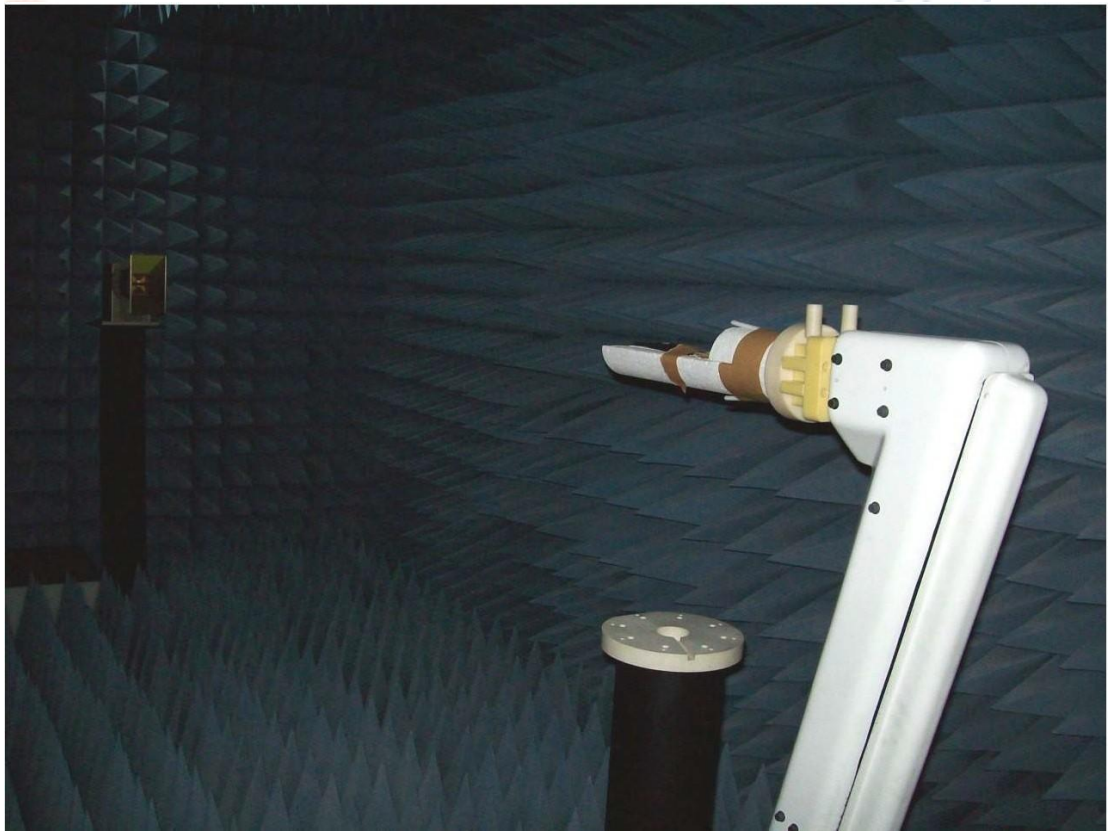
Retum Loss



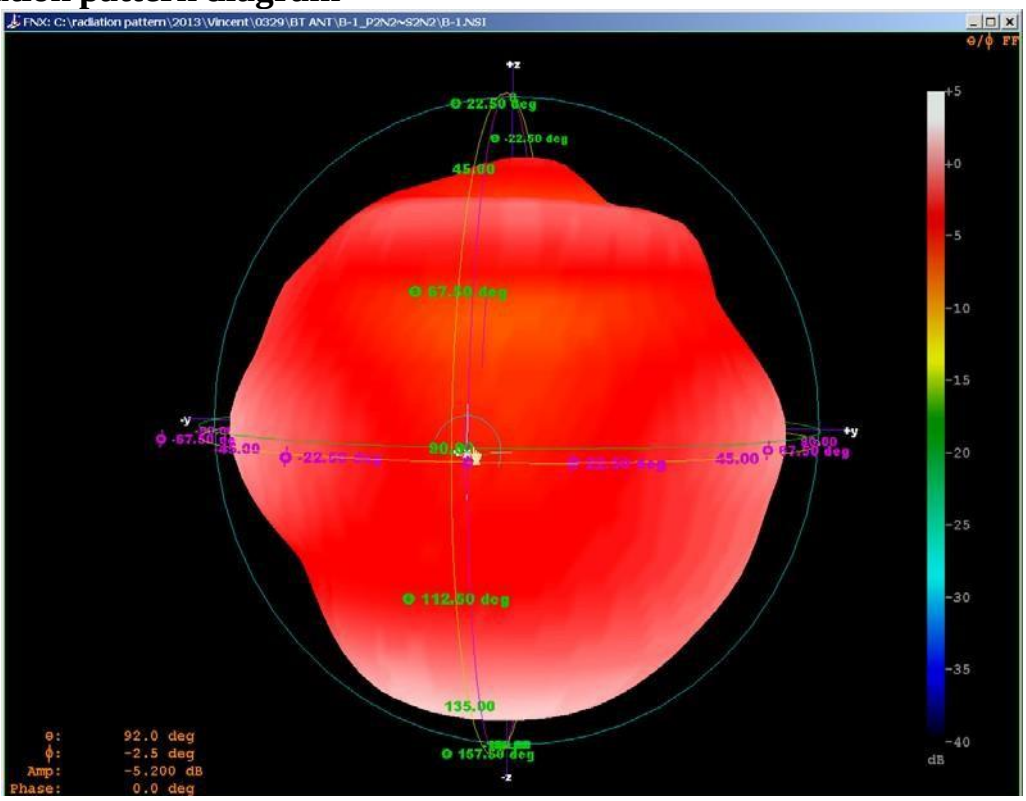
Manufacturer: Shenzhen Taiyilian Technology Co., LTD
Address: Room 313, Xinda Business Building, Fenghuanggang First Industrial Zone, Qianjin 2nd Road, Xixiang Subdistrict, Bao 'an District, Shenzhen City

The Environment of Antenna Radiation Pattem





3D radiation pattern diagram



2440MHz