

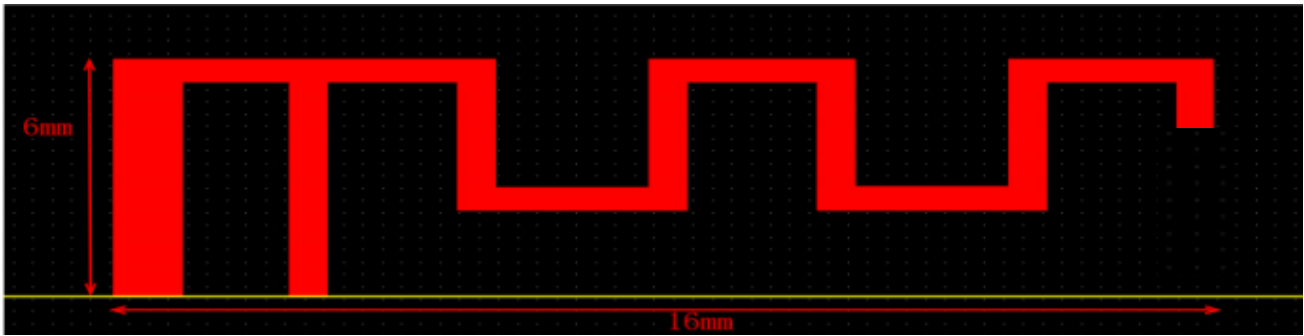
Product specification

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)	1.9	
Directivity (dBi)	1 (all direction antenna)	
Efficiency (dB)	6 0.2 %	
Gain (dBi)	1.9 (Avg Gain XY-plane)	
Maximum Power (dBm)	1.9 (XY-plane)	
Minimum Power (dBm)	1.1(XY-plane)	
Avg. Power (dBm)	-3.0(XY-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
PCB Ant

Antenna Layout & module on the system board

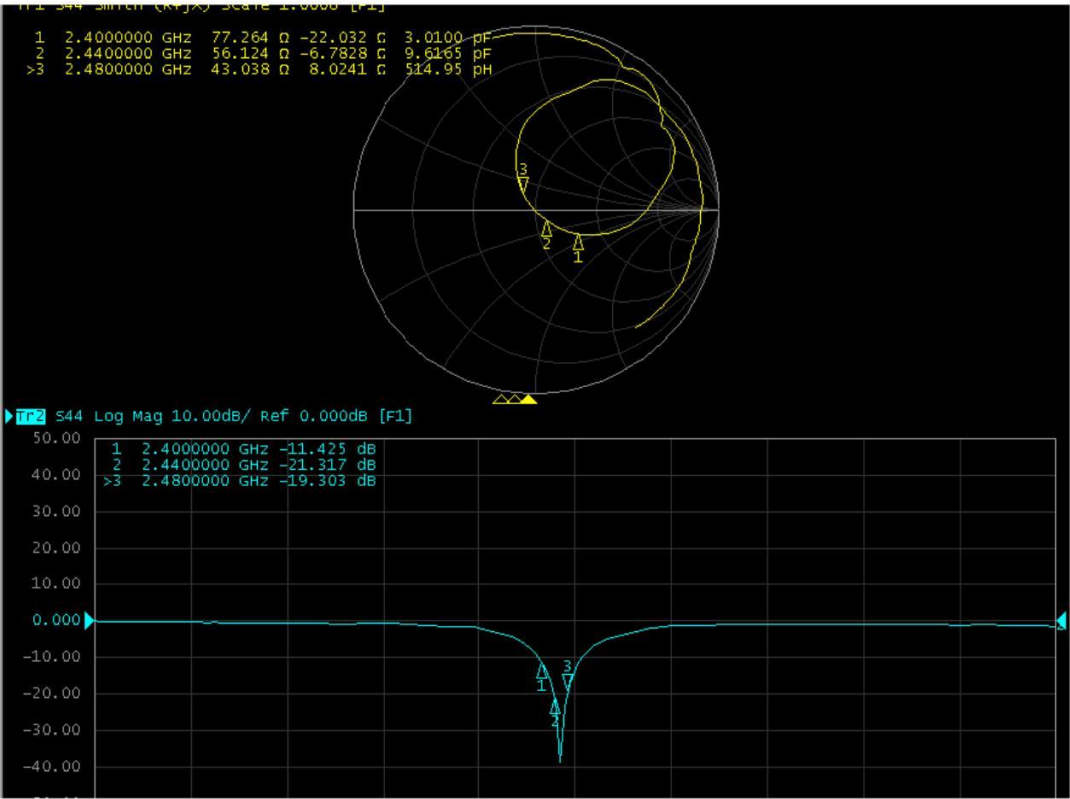


Company name : Shantou City Chaoyang District Gu Rao Jia Shengtai electronics factory
Company address : new light primary school behind,GuRao Town, Chaoyang District
Model : JST-BT035

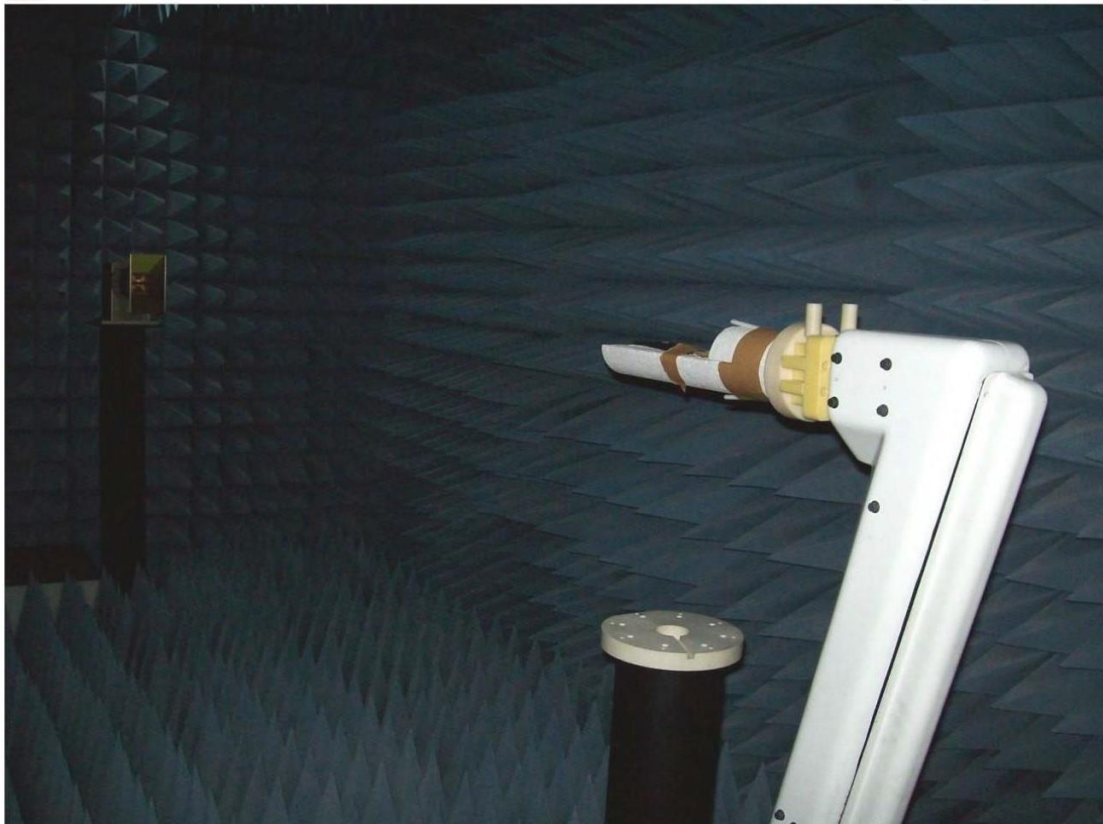
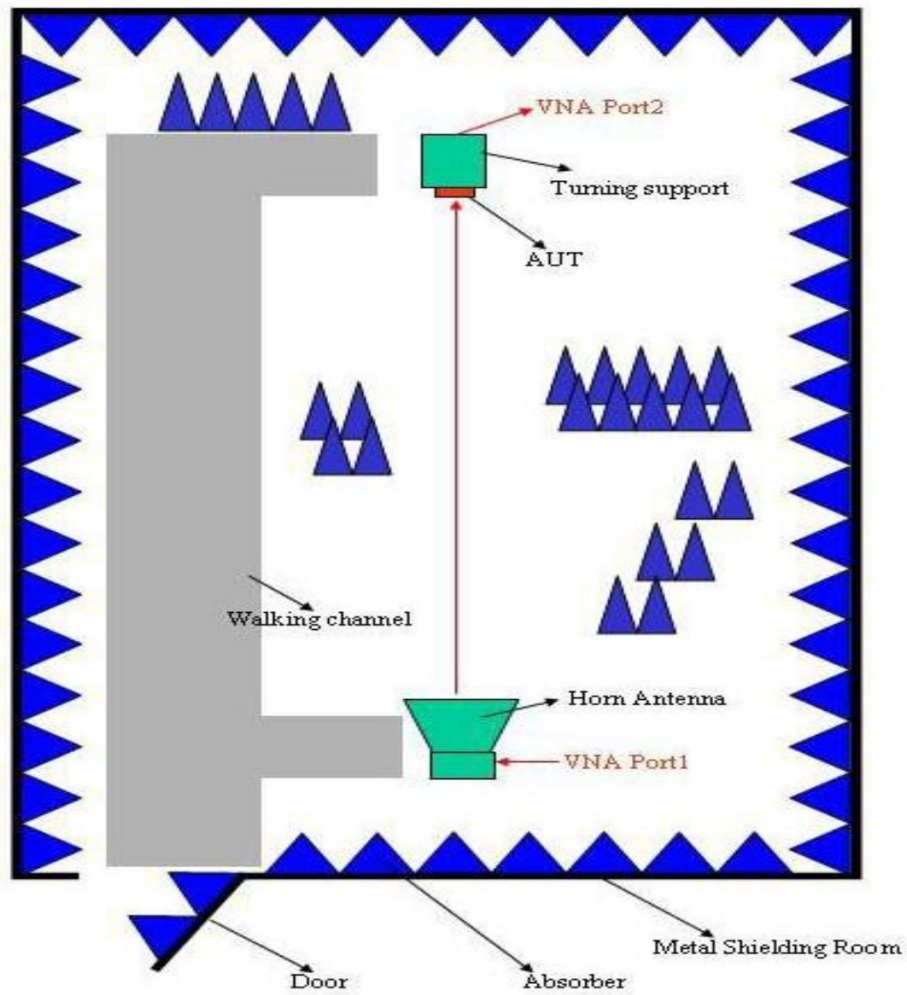
Antenna Gain

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

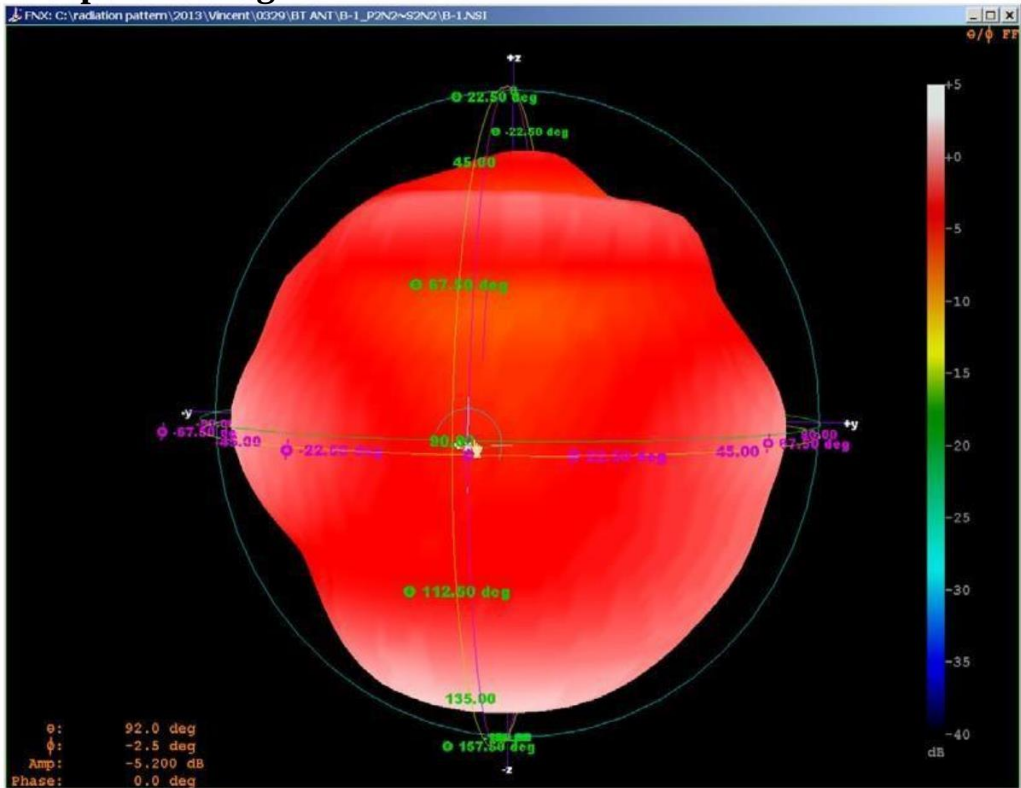
Return Loss



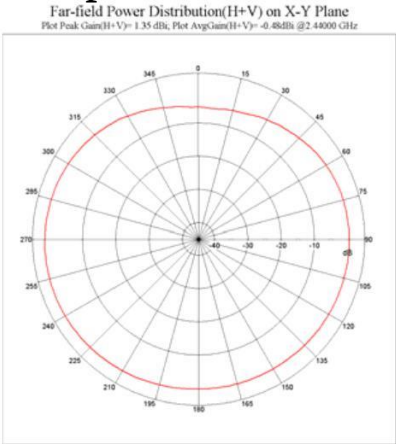
The Environment of Antenna Radiation Pattern



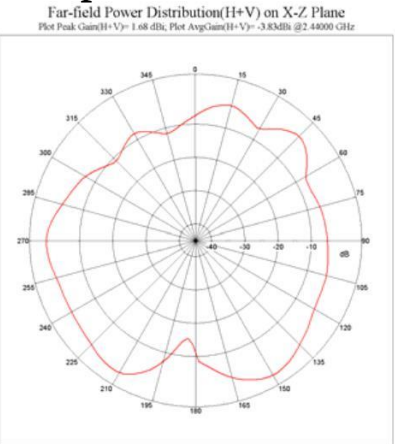
3D radiation pattern diagram



XY-plane



XZ-plane



YZ-plane

