

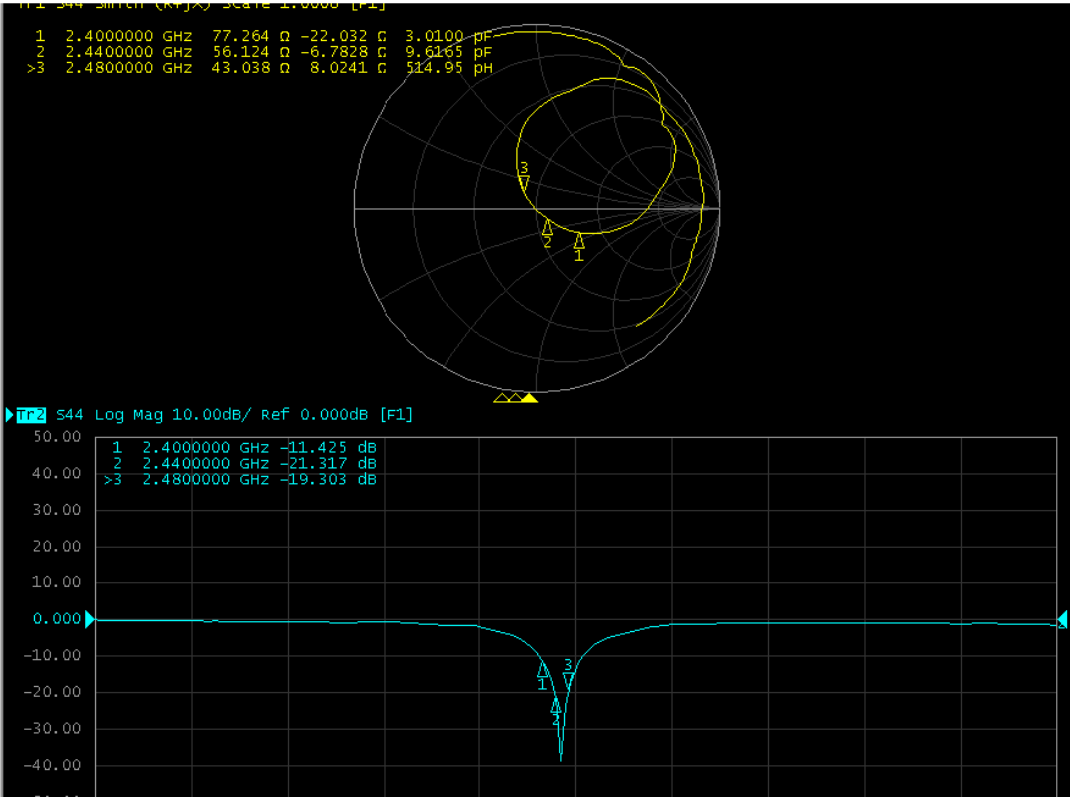
Product specification

Quick Reference Data

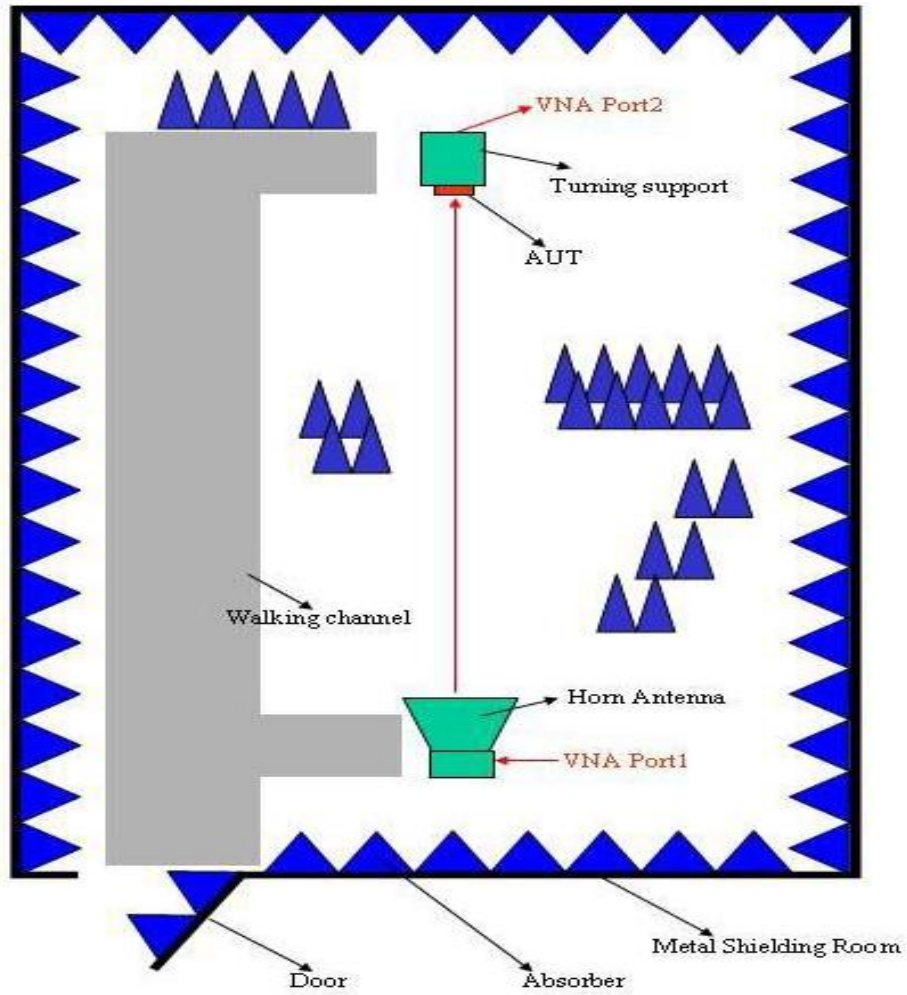
Antenna model number	BT-ANT-01	
Frequenc Range	2400 ~ 2500MHz	
Ant. Port Input Pwr. (dBm)	0 (Typ. BT class 2 output power)	
Tot. Rad. Pwr. (dBm)	-1.2 (Input pwr – loss pwr)	
Peak EIRP(dBm)	1.2	
Directivity (dBi)	1 (all direction antenna)	
Efficiency (dB)	6 0.2 %	
Gain (dBi)	0.18 dBi	
Maximum Power (dBm)	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	
V . S .W . R	< 1.4	
Maufacture	Shenzhen zhongtianxun Technology Co., Ltd	

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

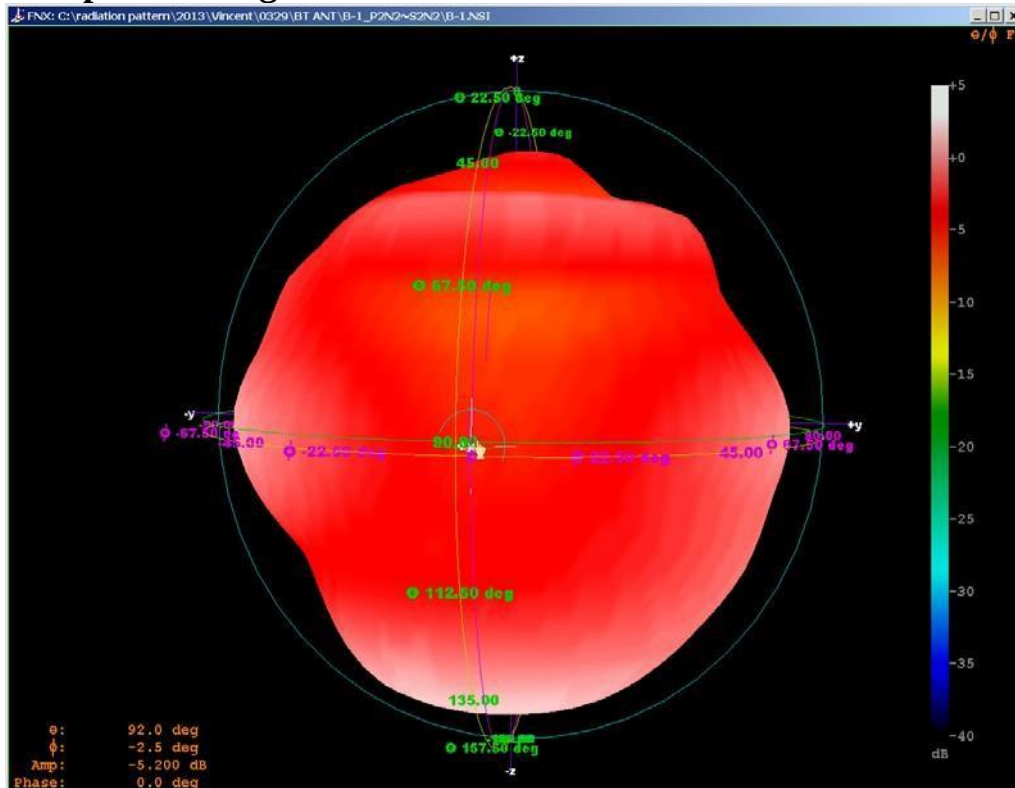
Return Loss



The Environment of Antenna Radiation Pattern

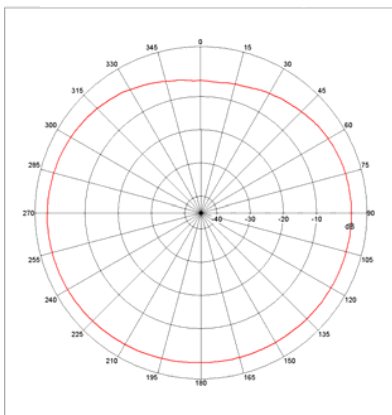


3D radiation pattern diagram



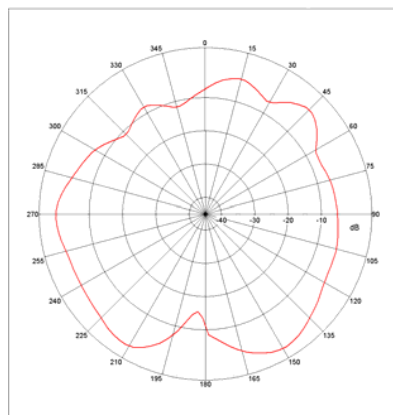
2400 MHz

Far-field Power Distribution(H+V) on X-Y Plane



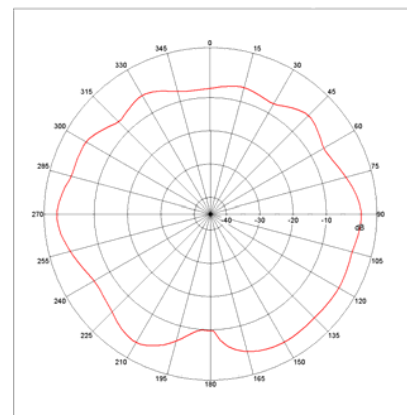
2450 MHz

Far-field Power Distribution(H+V) on X-Z Plane



2500 MHz

Far-field Power Distribution(H+V) on Y-Z Plane



Antenna Gain

Gain Table

Unit in dBi @2.44GHz	XY-plane		XZ-plane		YZ-plane		Efficiency
	Peak	Avg.	Peak	Avg.	Peak	Avg.	
Module Board	0	-0.5	0.18	-3.6	-0.11	-3.0	6 0.2 %

