Product specification

Quick Reference Date

	Antenna module on the system board	
Frequency	2.45GHz*	
Ant.Port Input Pwr.(dBm)	0(Typ.BT class 2 output power)	
Tot.Rad.Pwr.(dBm)	-2.3(Input pwr-loss pwr)	
Peak EIRP(dBm)	1.3	
Directivity(dBi)	1 (all direction antenna)	
Efficiency(dB)	-2.3(58.5%)	
Gain(dBi)	1.7(Peak Gain XZ-plane)	
Maximum Power(dBm)	1.35(XY- plane)	
Maximum Power(dBm)	-4(XY-plane)	
Avg.Power(dBm)	-0.5(XY-plane)	
Max/Min Ratio(dB)	5.3(XY-plane)	
Max/Avg Ratio(dB)	1.8(XY-plane)	
Min/Avg Ratio(dB)	-3.5(XY-plane)	
Average Gain(dB)	-0.5(Avg Gain XY-plane)	
Manufacture	ZHUHAI JIELI TECHNOGY CO,LTD	
Address	No.333, Kexin Road, Nanping Town, Zhuhai city	

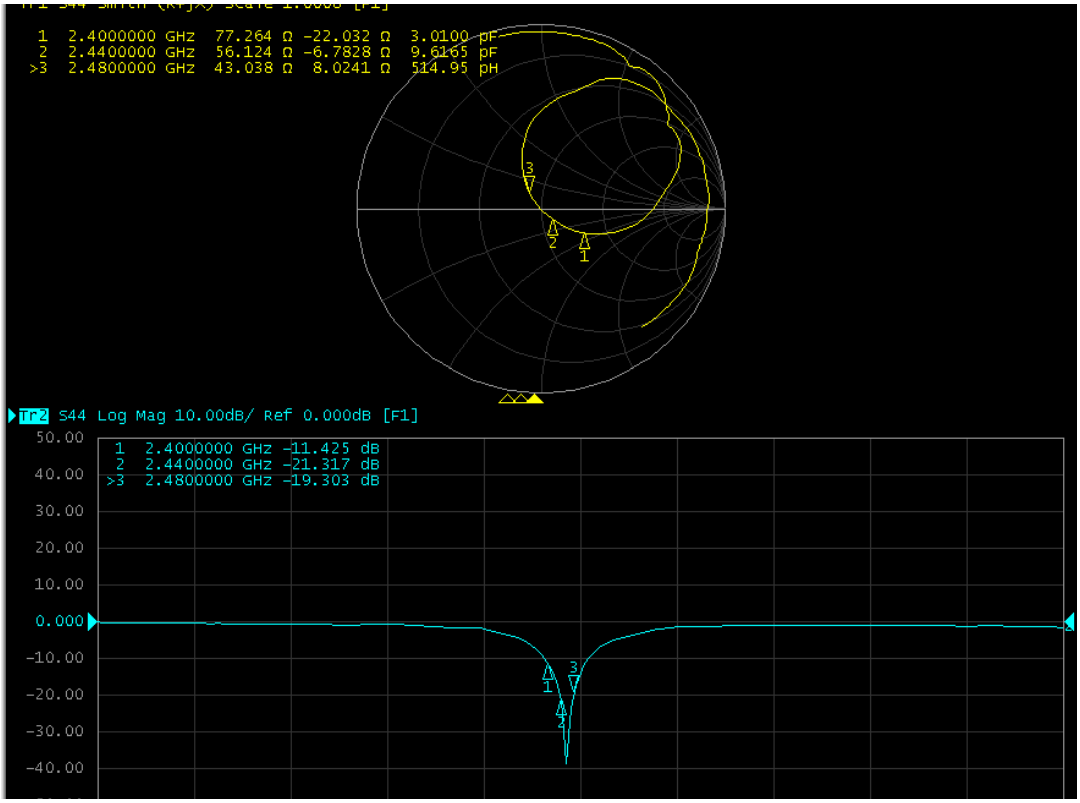
All the technical data and information contained herein are subject to change without prior notice

Antenna Gain

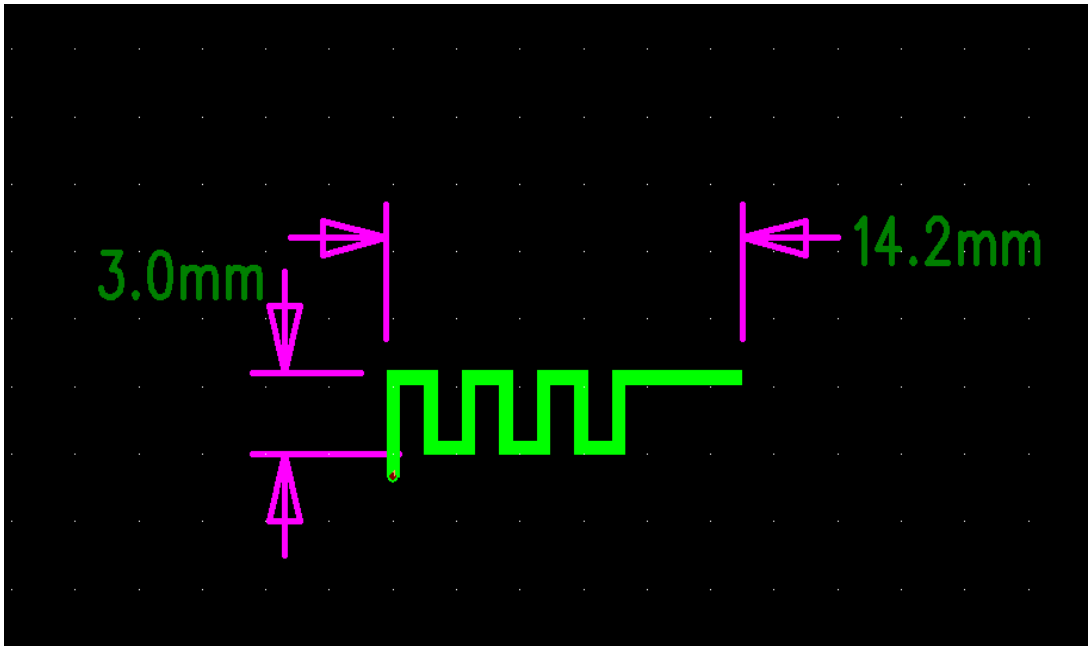
Gain Table

Unit in dBi @ 2.44GHz	XY-plane		XZ-plane		YZ-plane		Efficiency
	Peak	Avg.	Peak	Avg	Peak	Avg	
Module Board	1.35	-0.5	1.7	-3.8	1.1	-3.0	58.5%

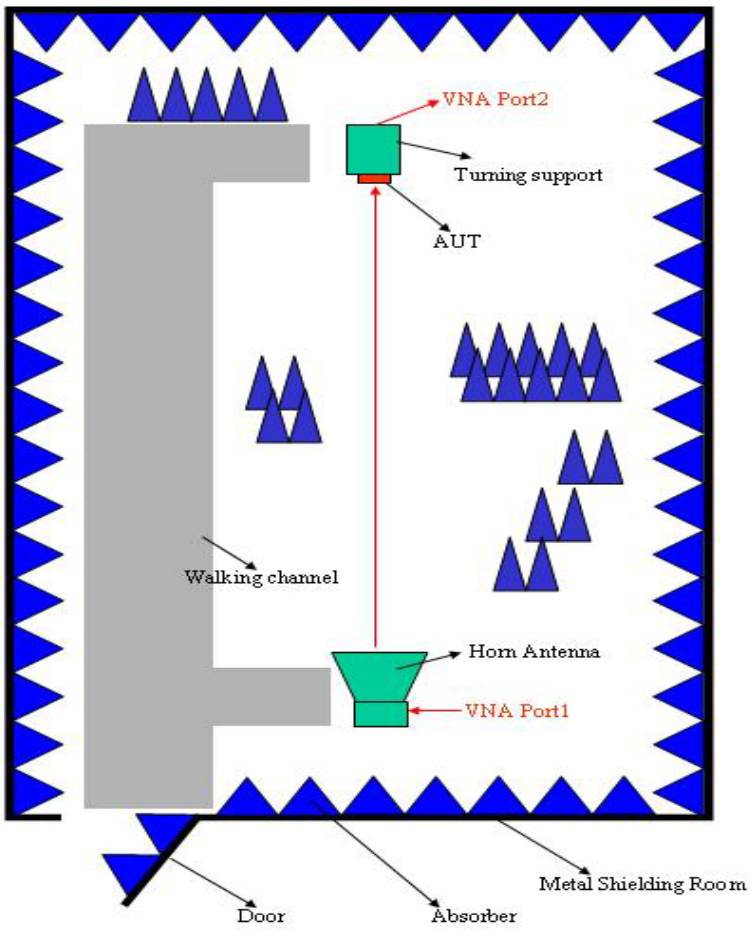
Return Loss

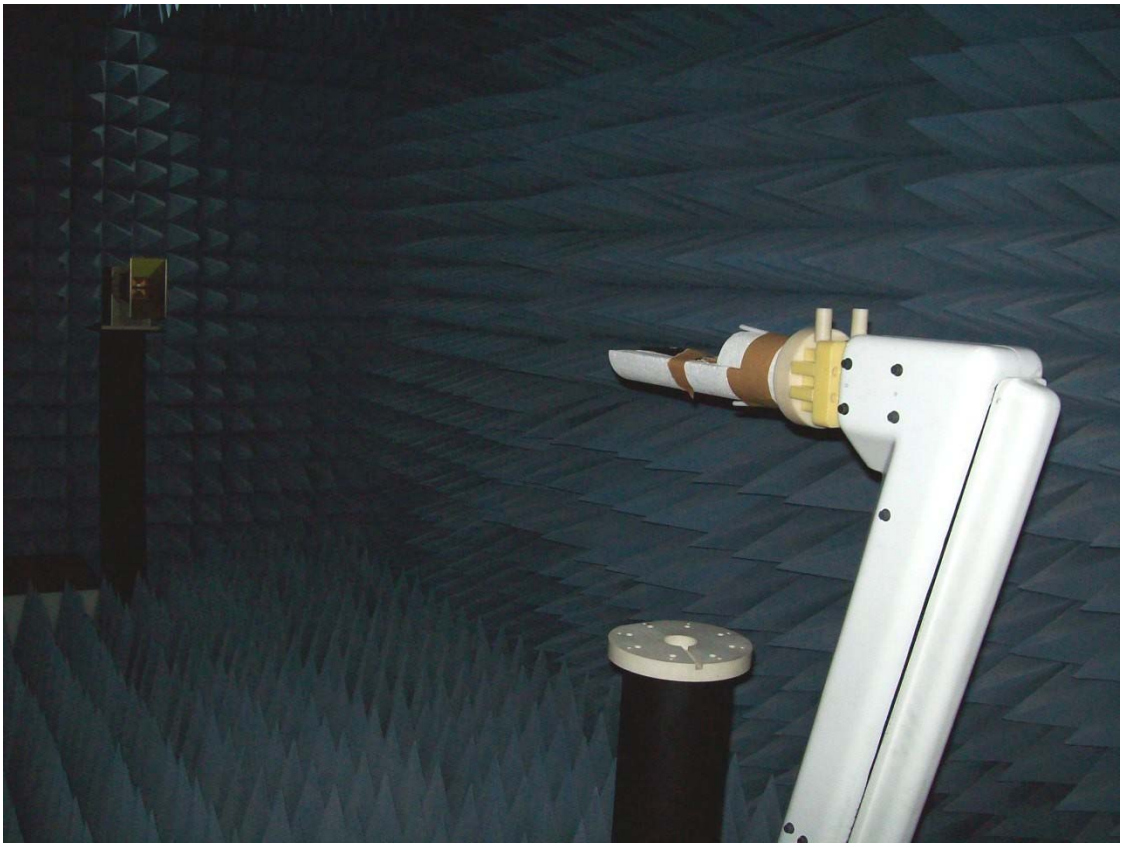


Antenna Size

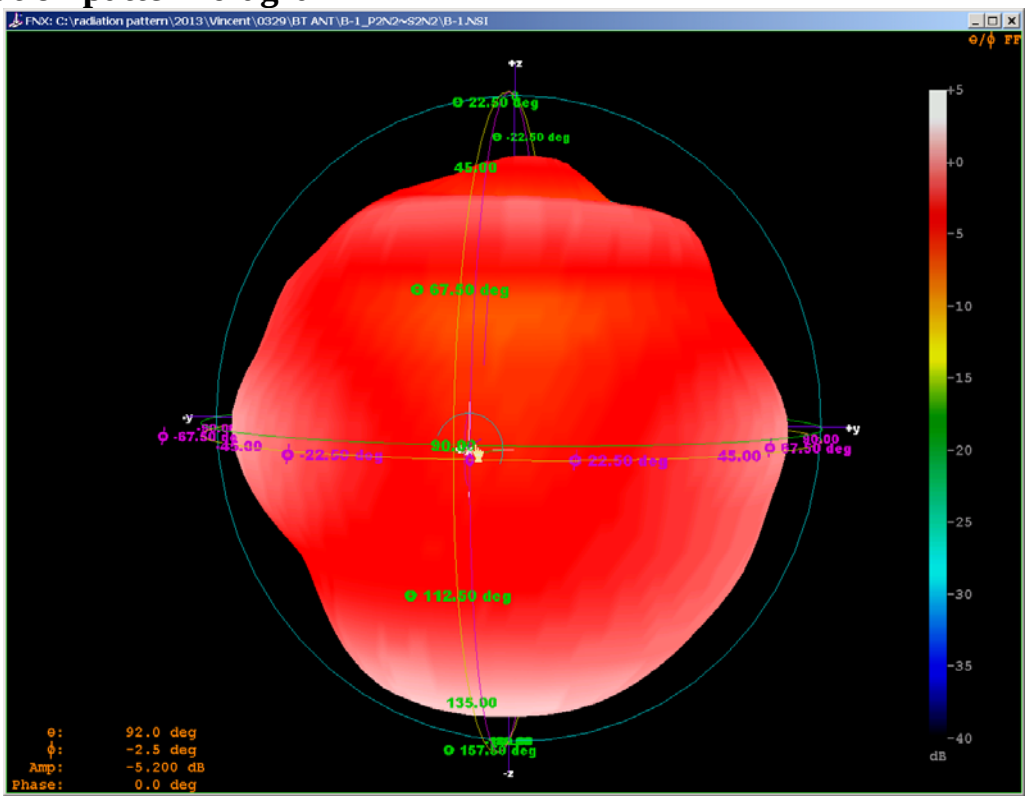


The Environment of Antenna Radiation Pattern

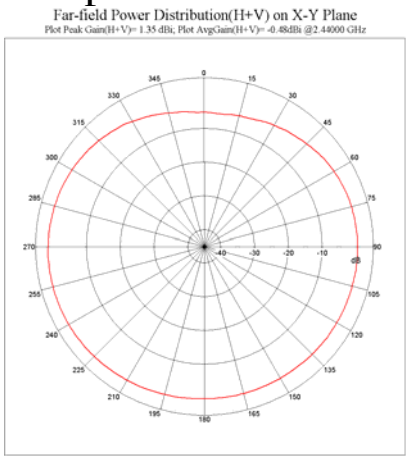




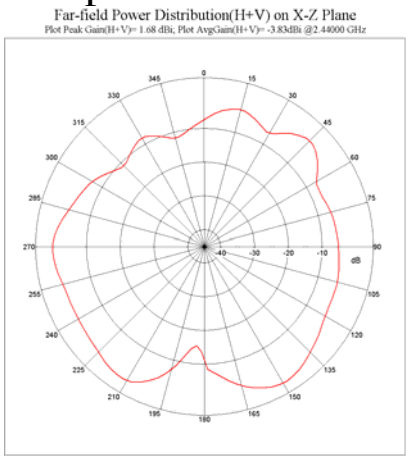
3D radiation pattern diagram



XY-plane



XZ-plane



YZ-plane