

Huizhou City Hesheng Audio & Video Technology Co., Ltd.
Address:Rm 403, Desheng Office Building, Yuetouling (Tumen), Jinpan Village, Xiaojin
Management Zone, Luoyang Street, Boluo County, Huizhou, Guangdong

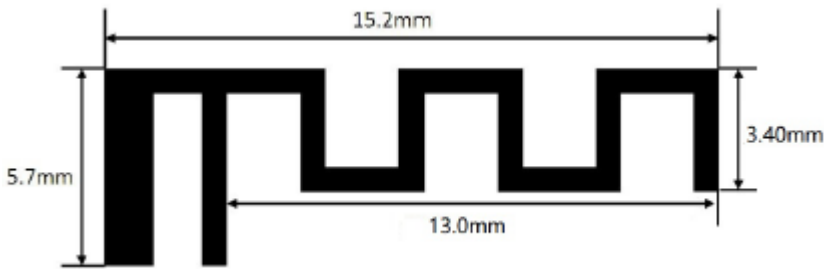
Ant specification

	Antenna module on the system board	
Frequency	2.40-2.50GHz	
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)	1.7	
Directivity (dBi)	1 (all direction antenna)	
Efficiency (dB)	-2.3 (58.5%)	
Gain (dBi)	1.7 (Peak Gain XZ-plane)	
Maximum Power (dBm)	1.7 (XZ-plane)	
Minimum 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)	

Quick Reference Date

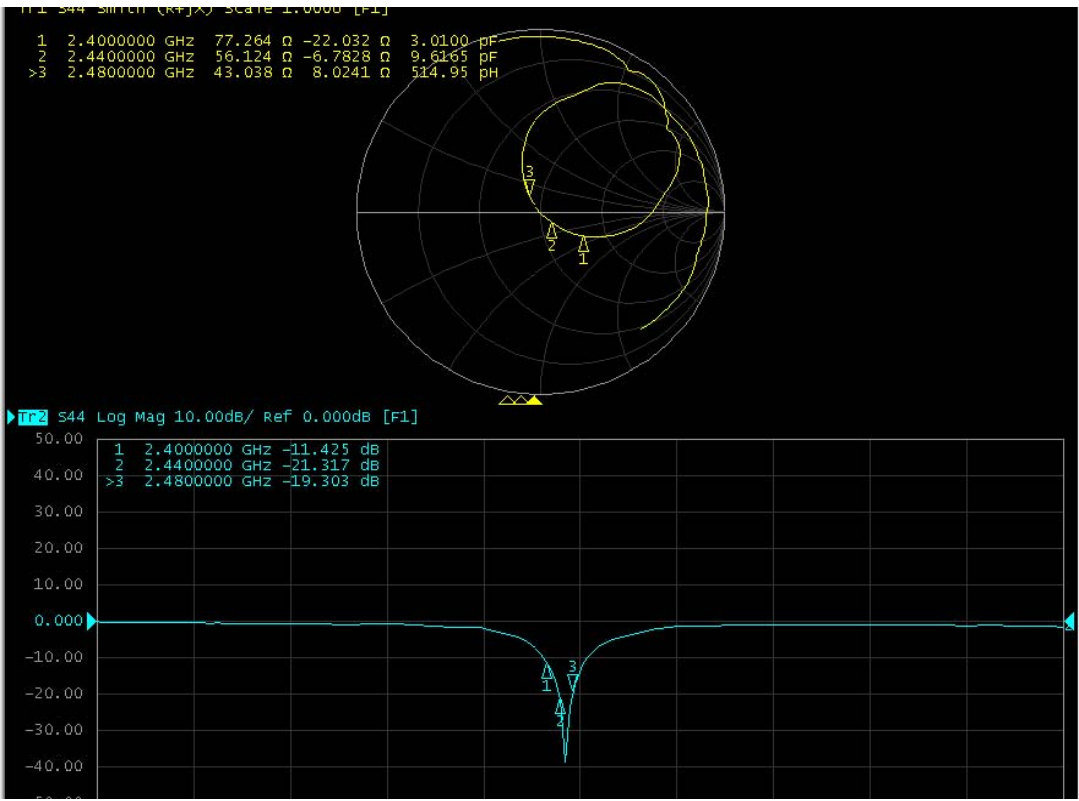
All the technical data and information contained herein are subject to change without prior notice

Antenna Layout & module on the system board

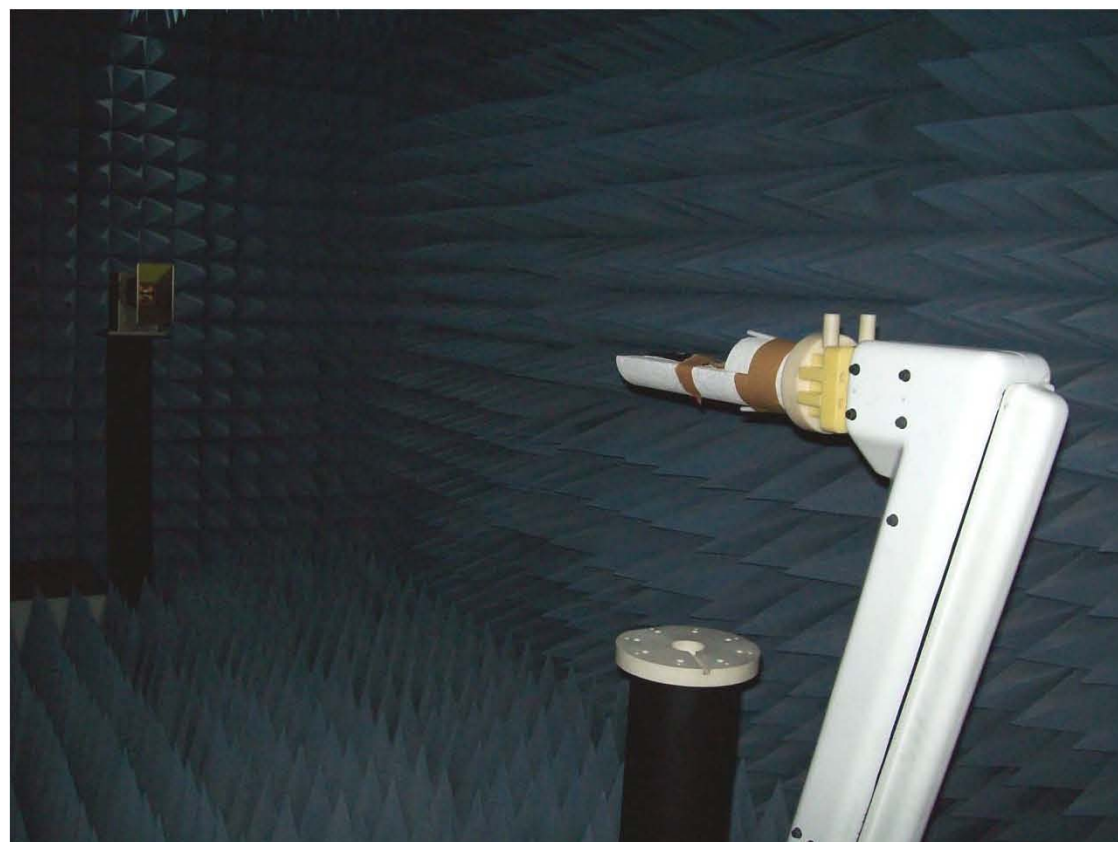
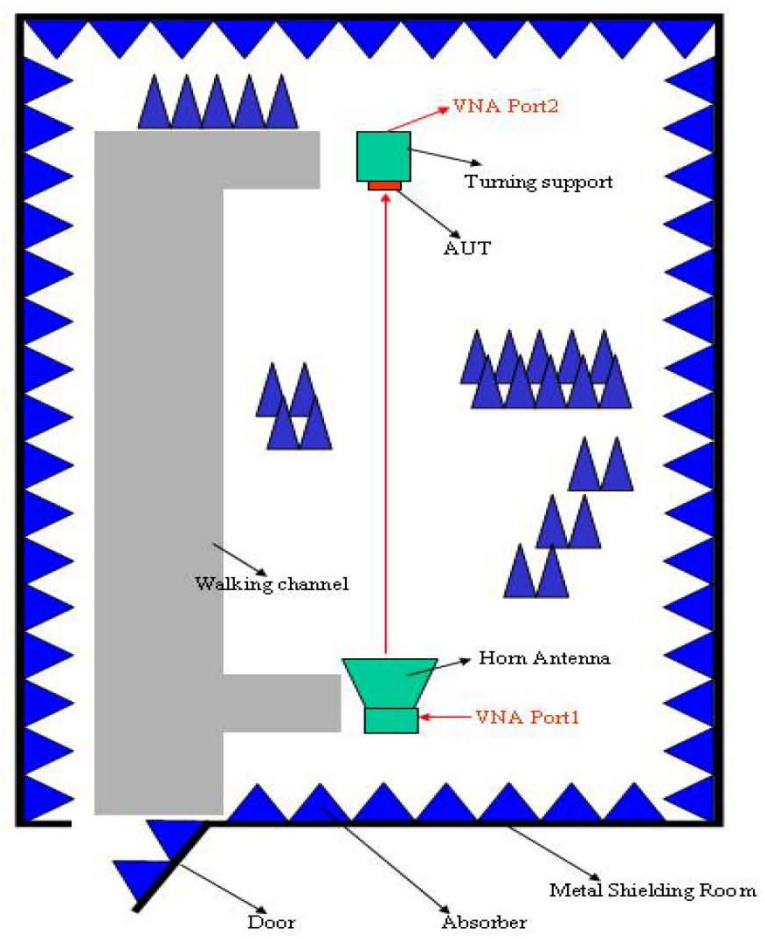


Antenna Gain
Gain Table

Unit in dBi @2.44GHz	XY-plane		XZ-plane		YZ-plane		Efficiency
	Peak	Avg.	Peak	Avg.	Peak	Avg.	
Module Board	1.3	-0.5	1.7	-3.8	1.1	-3.0	58.5%

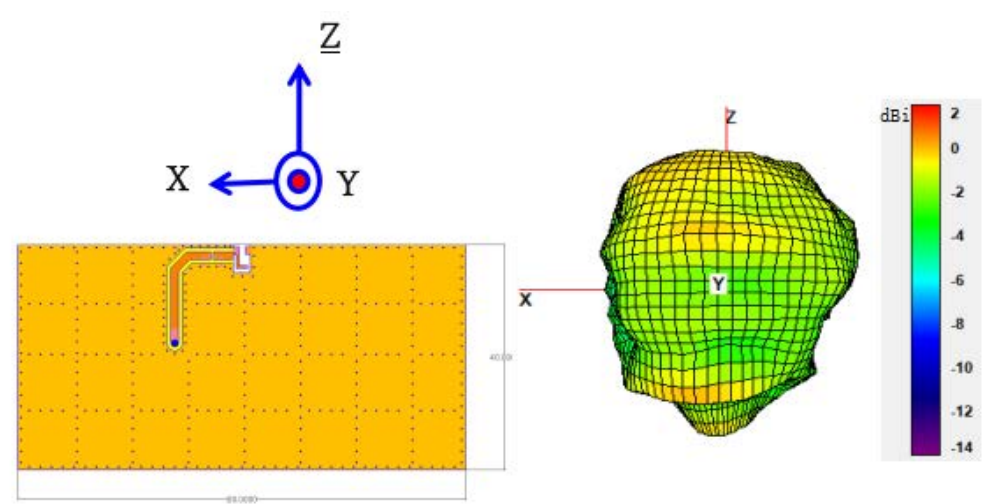


Return Loss



The Environment of Antenna Radiation Pattern

Frequency:2450MHz



	Efficiency	Peak Gain	Directivity
2400MHz	63.12 %	1.62 dBi	3.61 dBi
2450MHz	70.56 %	1.70 dBi	3.23 dBi
2500MHz	65.48 %	1.64 dBi	3.47 dBi