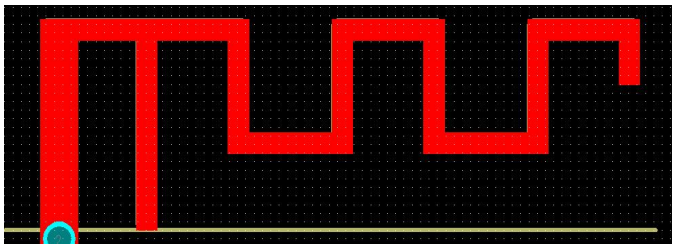
Product specification

Quick Reference Date

	Antenna module on the system board	
Frequency	2402-2480MHz	
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)	1.3 (Peak Gain XY-plane)	
Maximum Power (dBm)	1.3 (XY-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)	

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

Antenna Layout & module on the system board

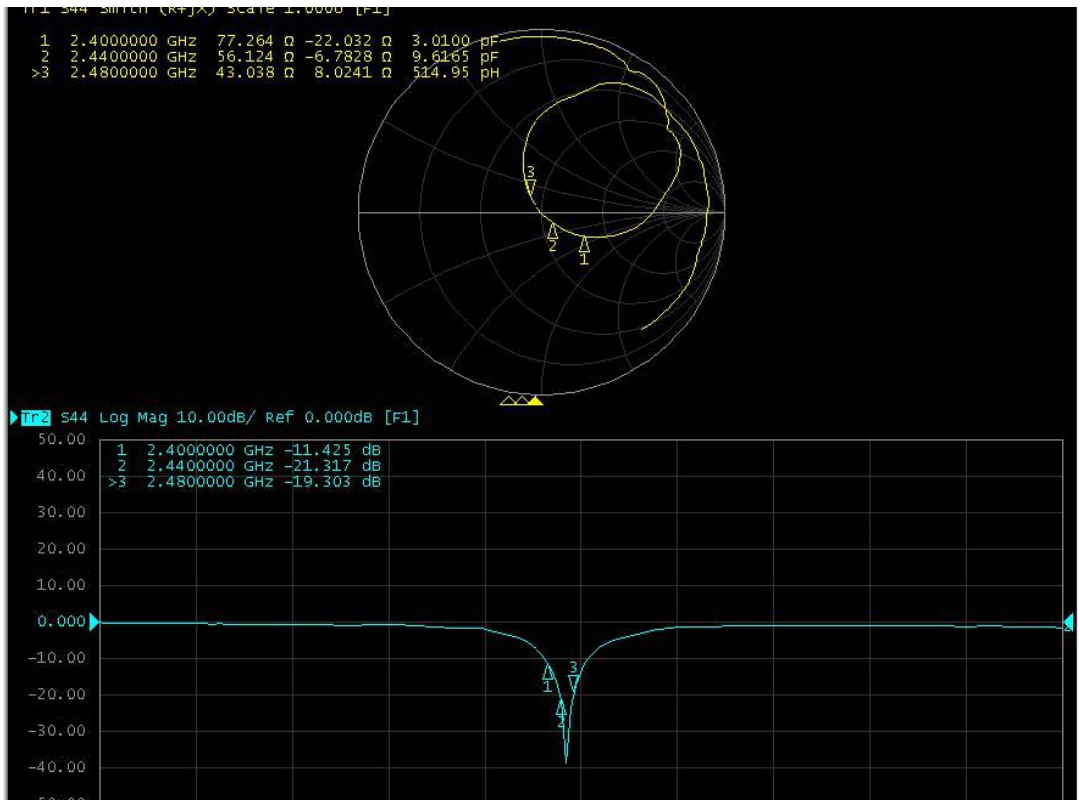


Antenna Gain

Gain Table

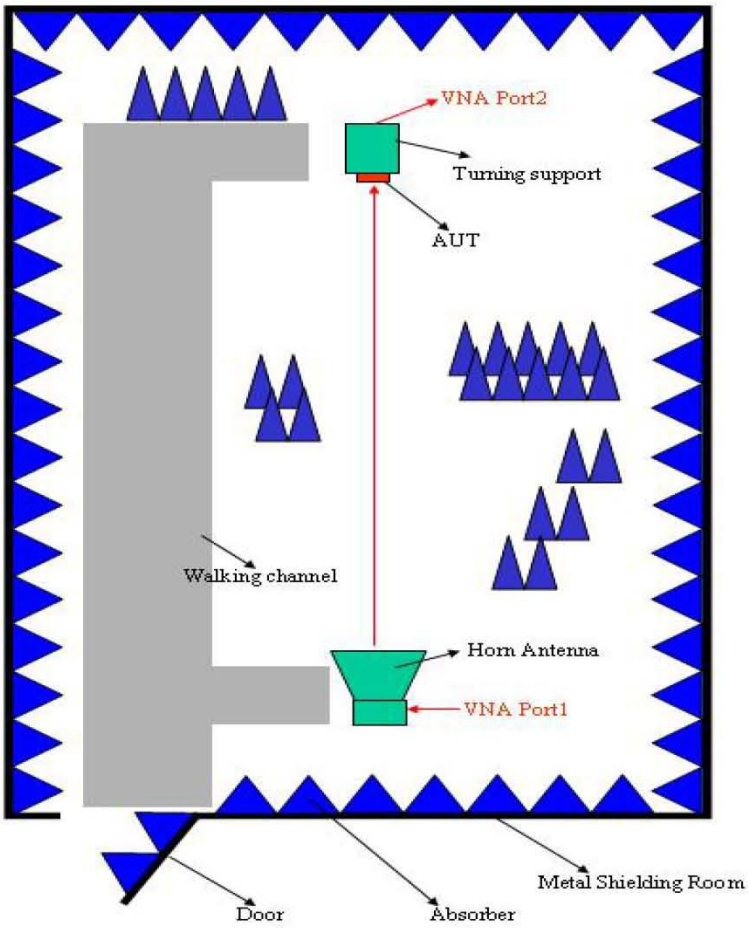
Unit in dBi @2.44GHz	XY-plane		XZ-plane		YZ-plane		Efficiency
	Peak	Avg.	Peak	Avg.	Peak	Avg.	
Module Board	1.3	-0.5	1.3	-3.8	1.1	-3.0	58.5%

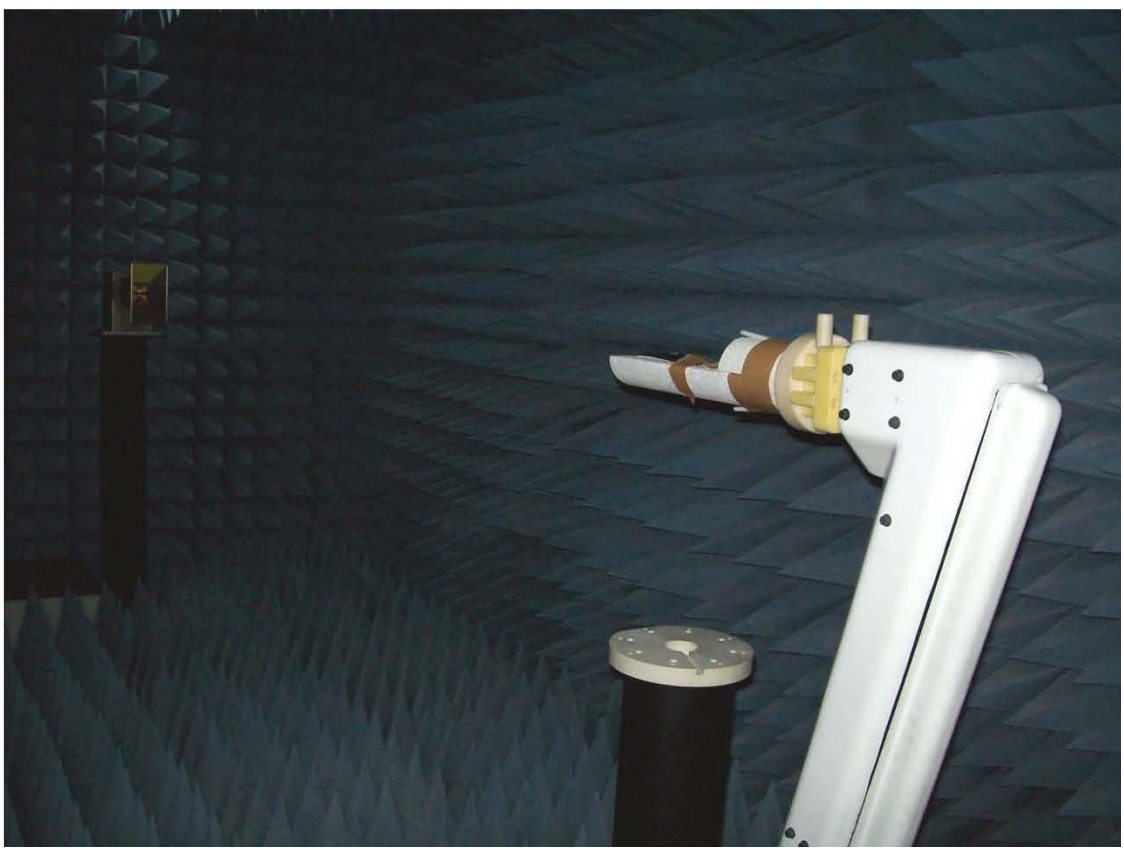
Manufacture： Guangzhou Hansong Tuojiang Technology Co., Ltd
Address： 4th Floor, Building 3, No. 70 West Huadu Avenue, Tanbu Town, Huadu District Guangzhou GUANGDONG, CHINA



Return Loss

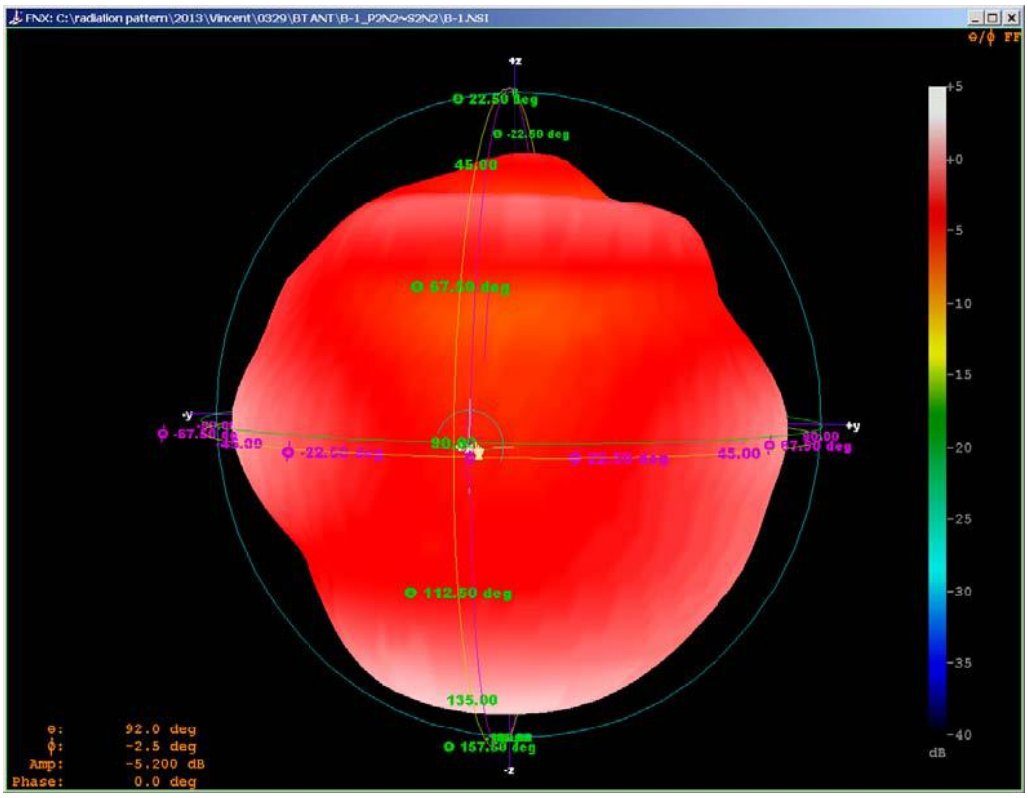
Manufacture: Guangzhou Hansong Tuojiang Technology Co., Ltd
Address: 4th Floor, Building 3, No. 70 West Huadu Avenue, Tanbu Town, Huadu District Guangzhou GUANGDONG, CHINA



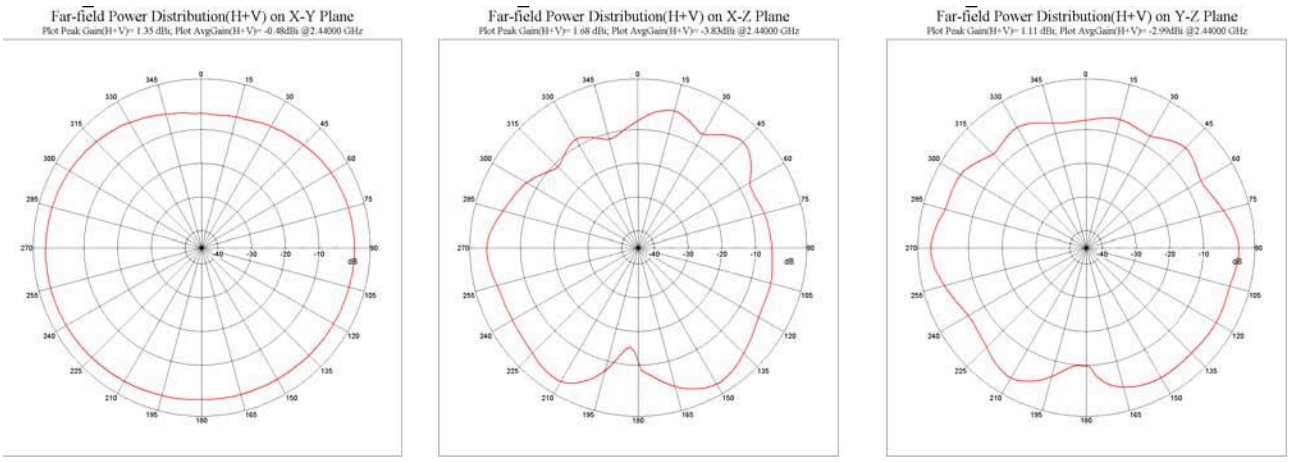


The Environment of Antenna Radiation Pattern

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3D radiation pattern diagram



XY-plane XZ-plane YZ-plane

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