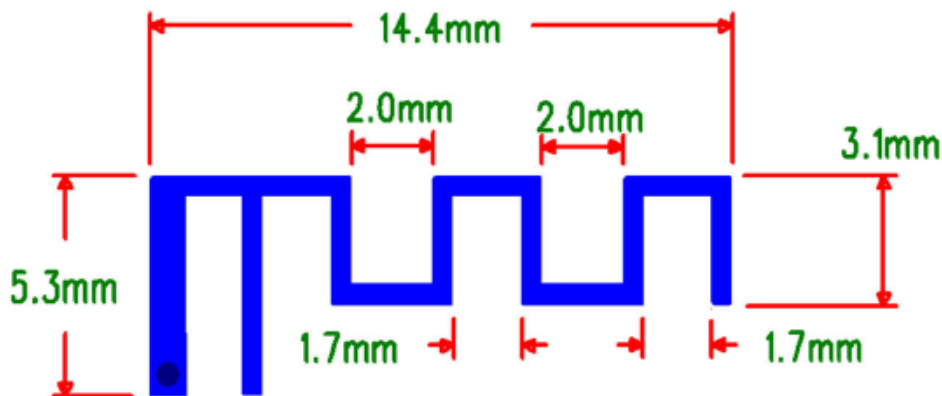


Product specification

Quick Reference

	Antenna module on the system board
Frequency	2.45GHz*1
Ant. Port Input Pwr. (dBm)	0 (Typ. BT class 2 output power)
Tot. Rad. Pwr. (dBm)	-2.3 (Input pwr – loss pwr)
Directivity (dBi)	1 (all direction antenna)
Efficiency (dB)	-2.3 (58.5%)
Gain (dBi)	1.7
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)
Manufacturer:	SHENZHEN JIELI TECHNOLOGY CO.,LTD
Address:	202 Yiyuan Road, Nanshan District, Shenzhen City, China

Antenna Layout & module on the system board

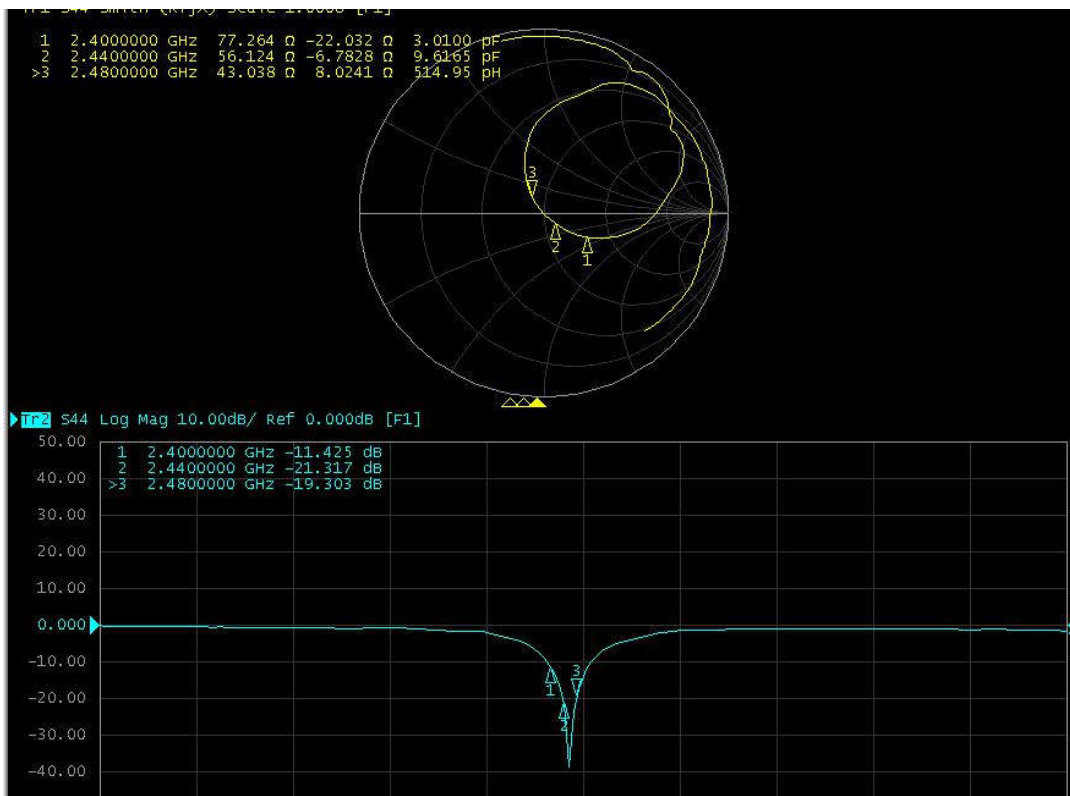


Antenna Gain

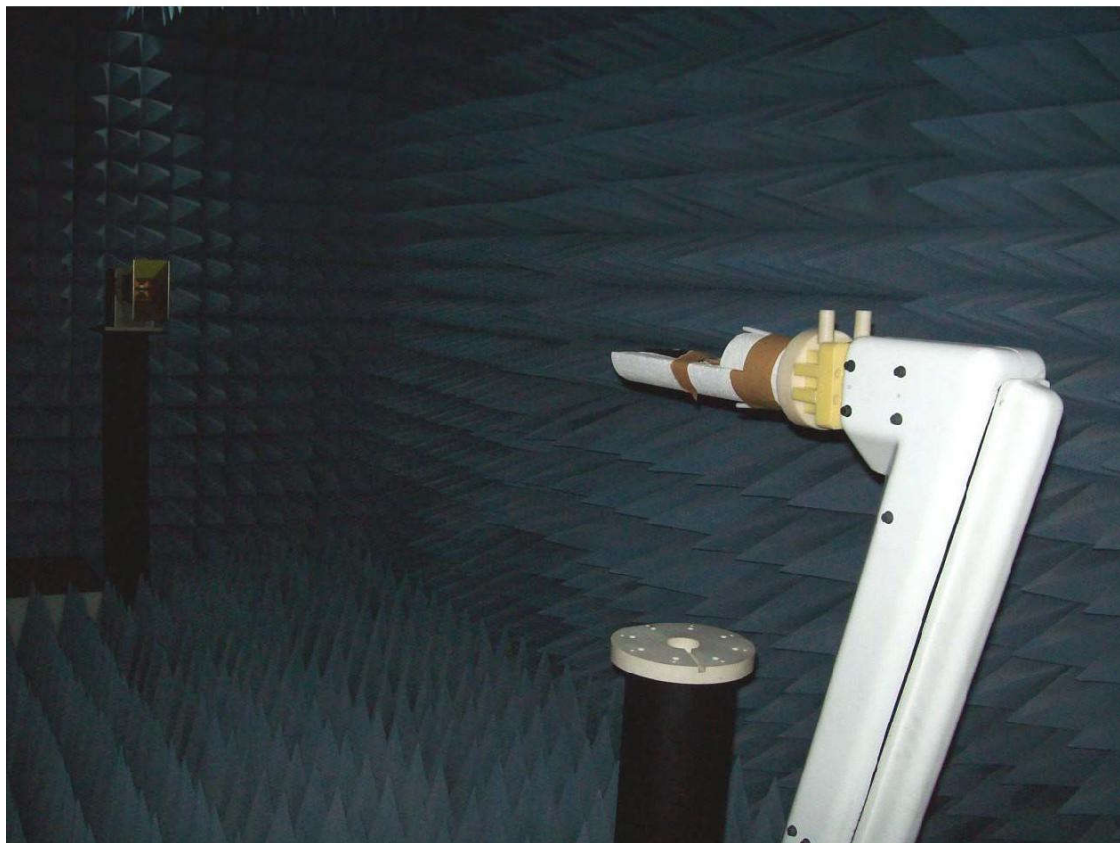
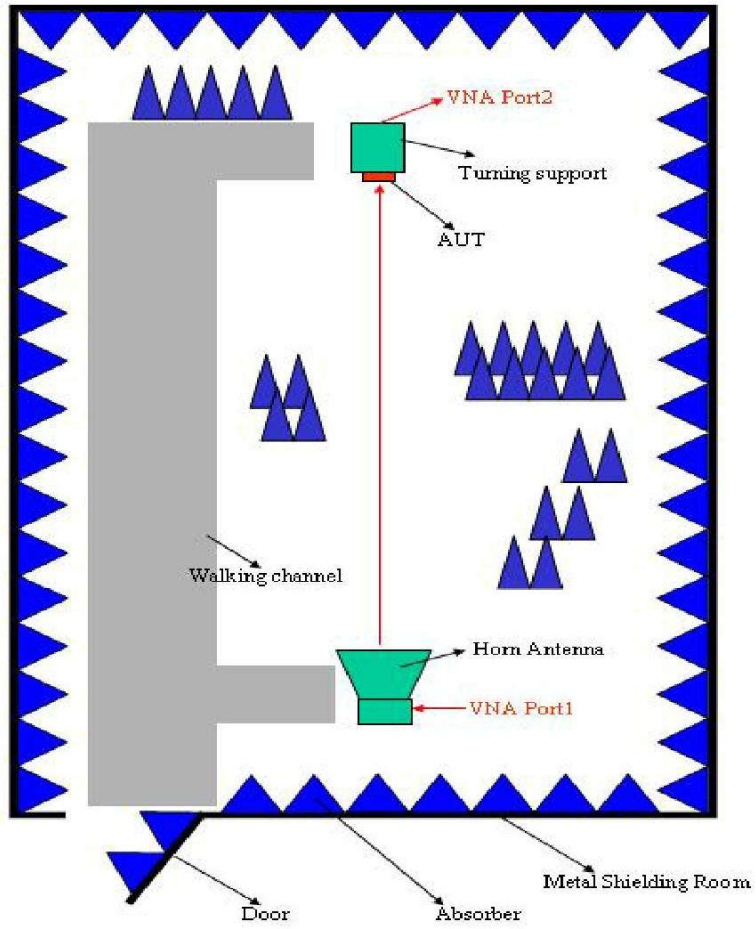
Gain Table

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%

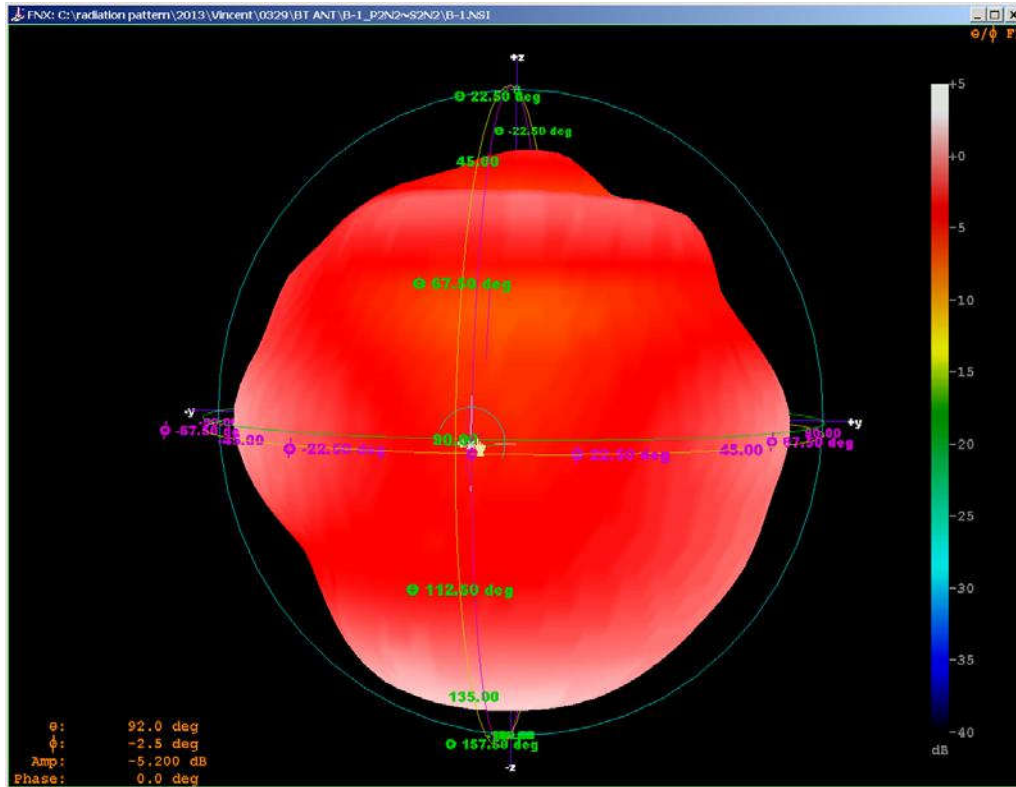
Return Loss



The Environment of Antenna Radiation Pattern



3D radiation pattern diagram



XY-plane

XZ-plane

YZ-plane

