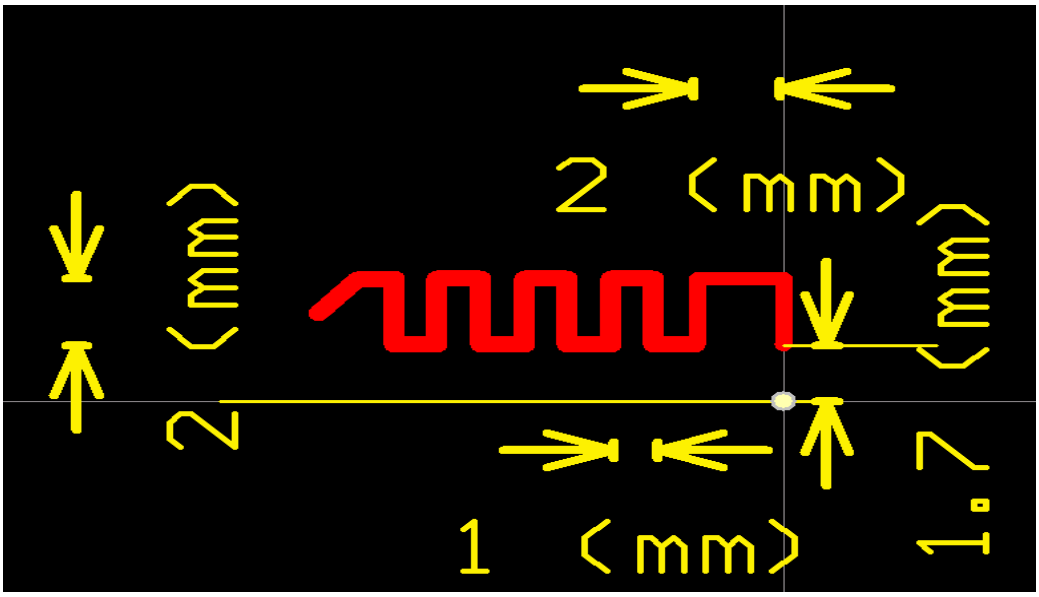
Antenna data sheet

	PCB antenna	
Frequency range	2400 ~ 2500MHz	
Antenna input power. (dBm)	0 (Typ. BT class 2 output power)	
Tot. Rad. Pwr. (dBm)	-1.0 (Input pwr – loss pwr)	
Peak EIRP(dBm)	1.0	
Directivity (dBi)	1 (all direction antenna)	
Efficiency (dB)	5 0.2 %	
Gain (dBi)	1.5 (Peak Gain XZ-plane)	
Maximum Power (dBm)	1.5(XY-plane)	
Minimum Power (dBm)	-3.5(XY-plane)	
Avg. Power (dBm)	-0.3(XY-plane)	
Input Impendence(ohm)	50	
Polarization Type	V ertical & Horizontal	
V . S .W . R	< 1.4	

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

Manufacturer：ZHUHAI JIELI TECHNOLOGY CO., LTD
Address：No. 333 Kexing Road, Xiangzhou District, Zhuhai City, China

Antenna Layout & module on the system board

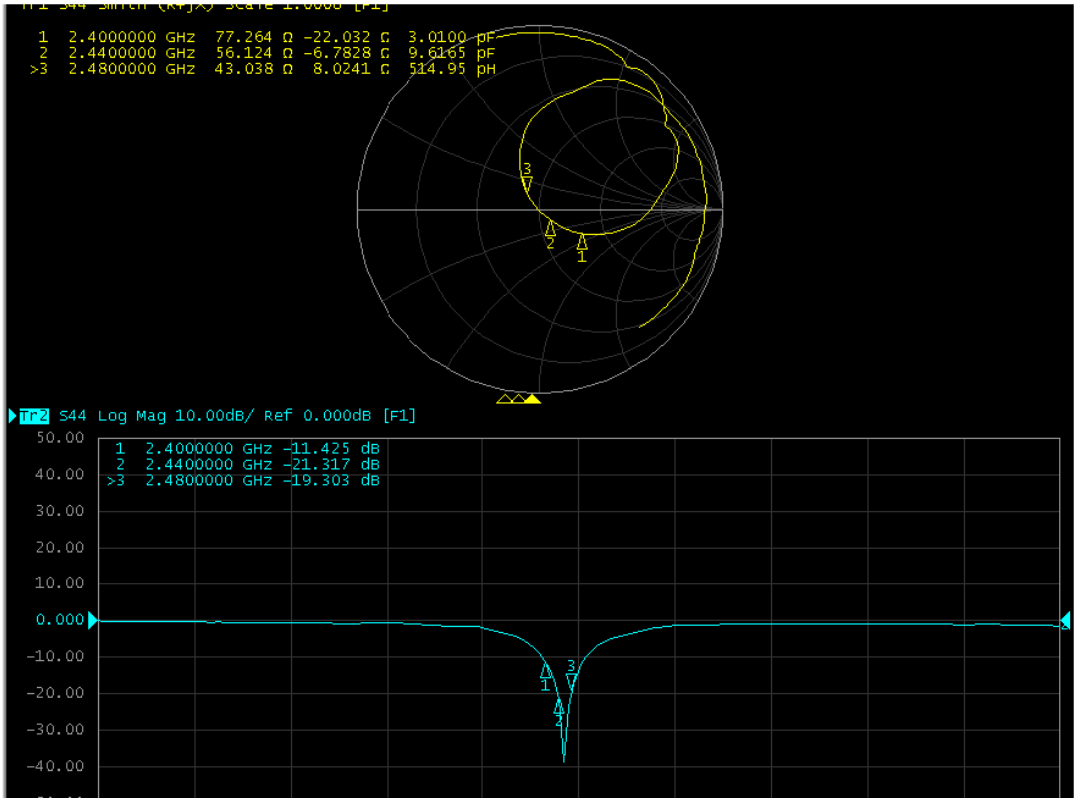


Antenna Gain

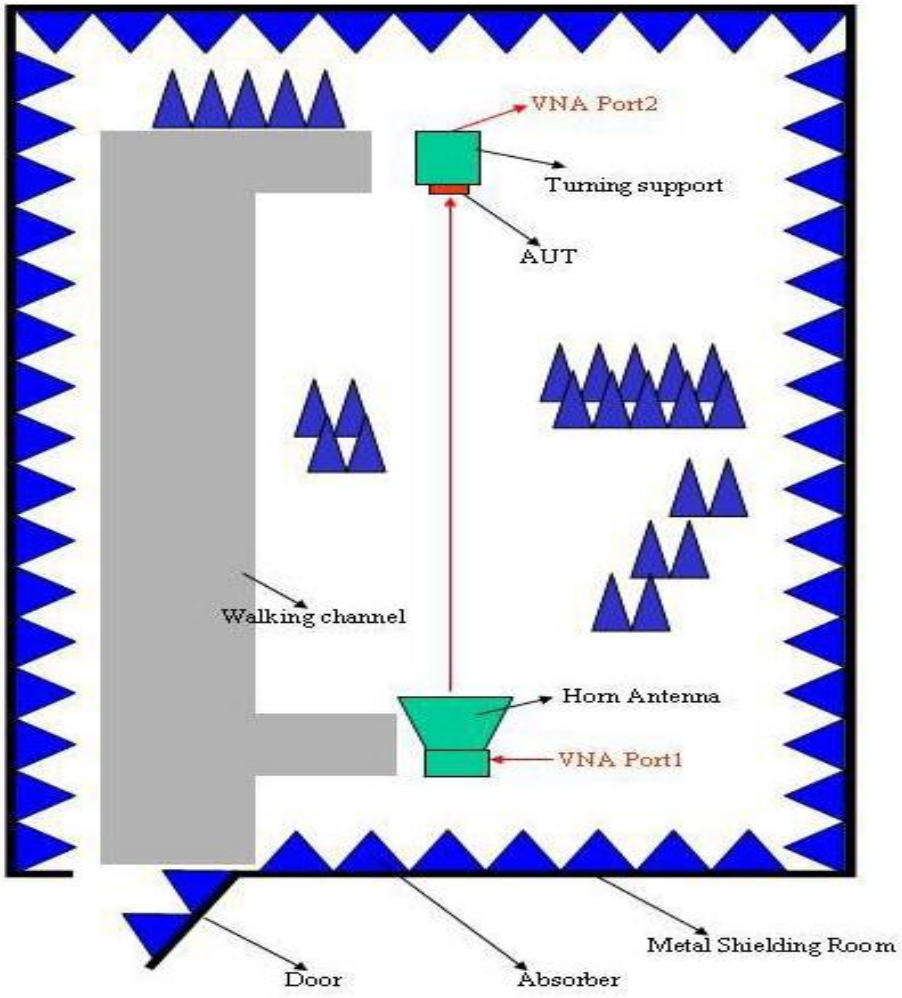
Gain Table

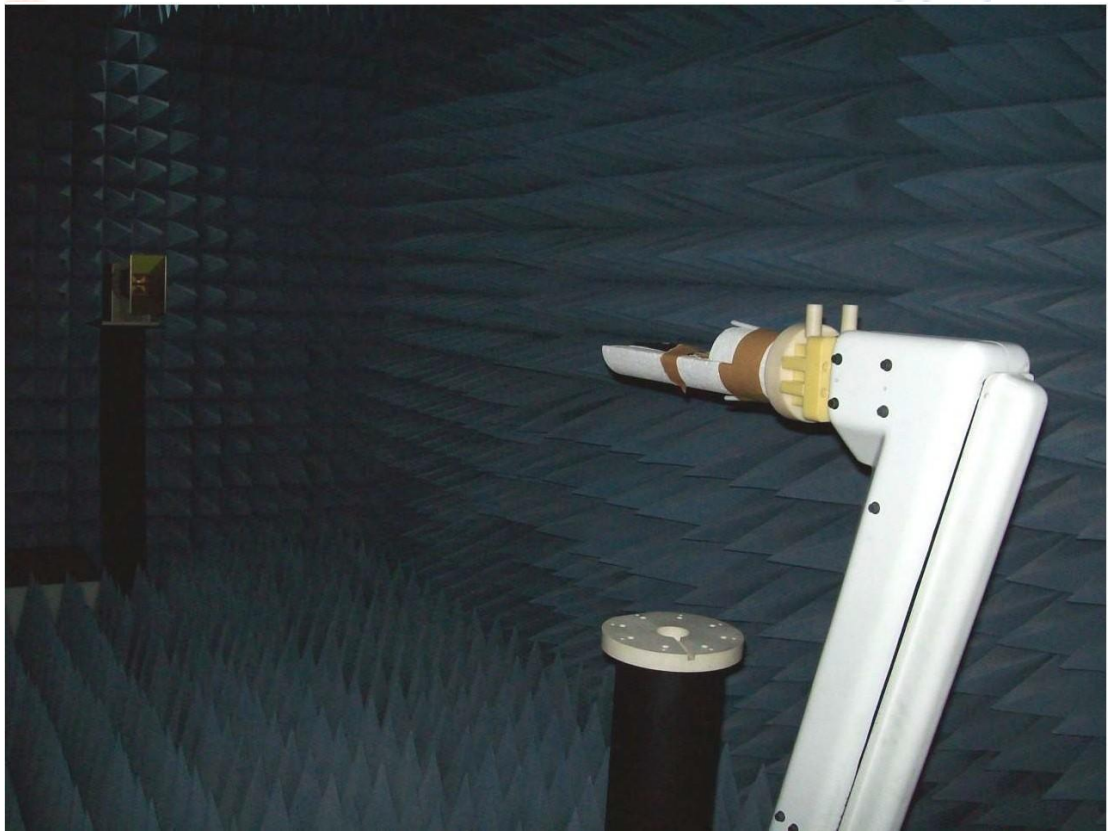
Unit in dBi @2.44GHz	XY-plane		XZ-plane		YZ-plane		Efficiency
	Peak	Avg.	Peak	Avg.	Peak	Avg.	
Module Board	1.1	-0.4	1.5	-3.1	1.0	-2.0	5 0.2 %

Retum Loss

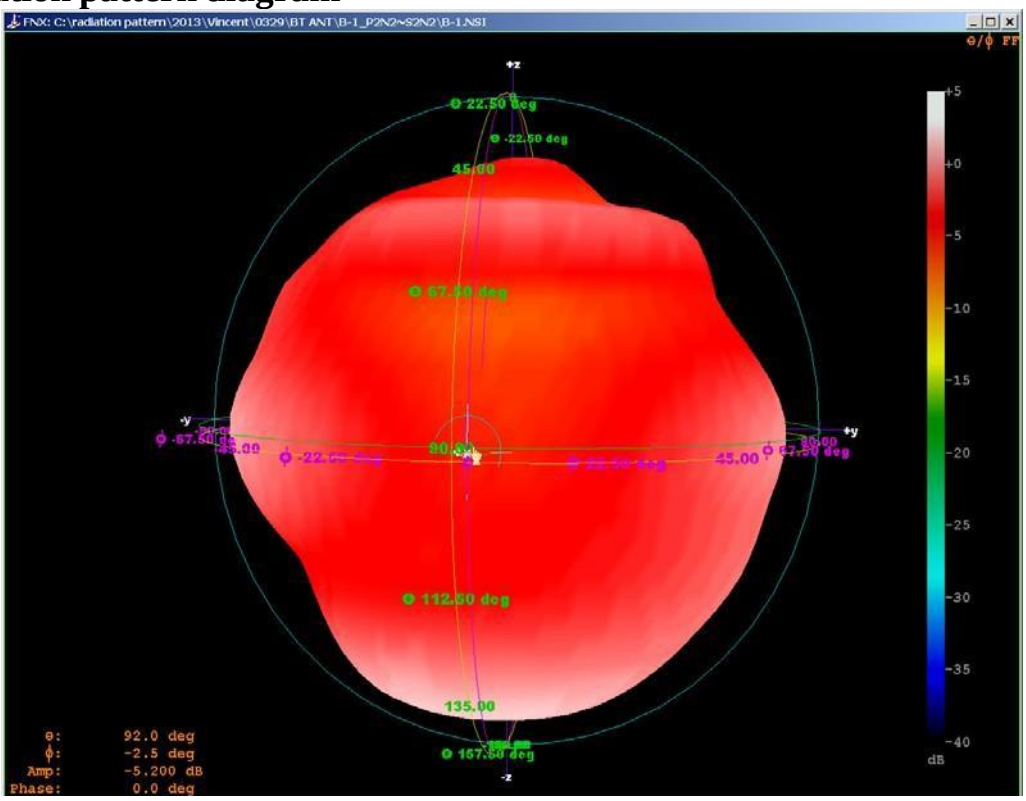


The Environment of Antenna Radiation Pattem

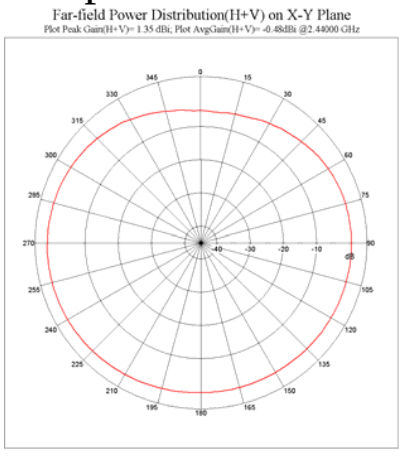




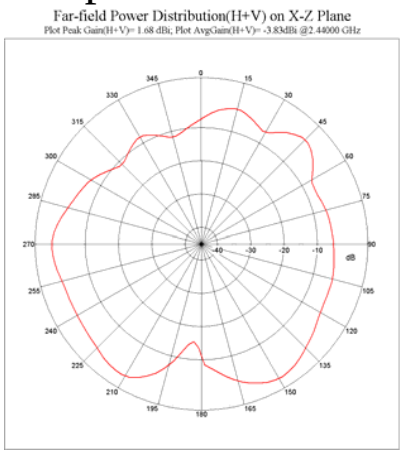
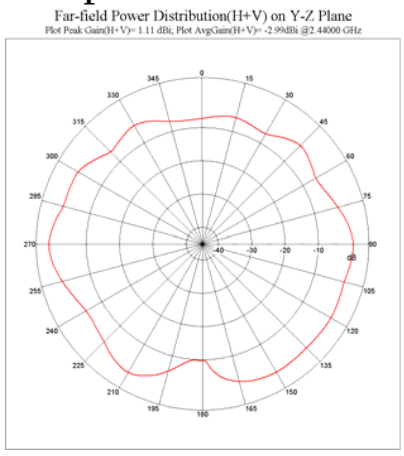
3D radiation pattern diagram



XY-plane



XZ-plane



YZ-plane