

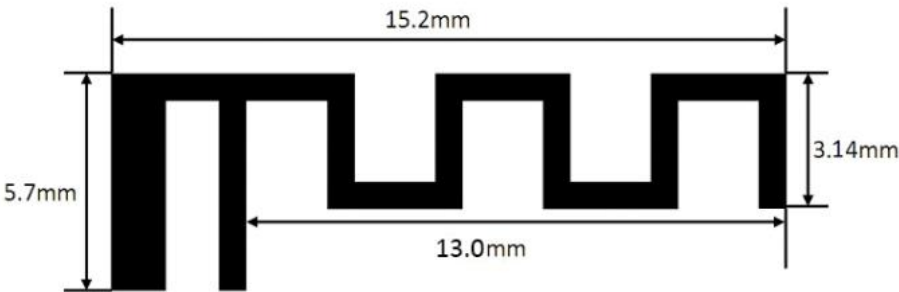
Antenna specifications

Quick Reference Data

	PCB Antenna
Frequency	2400-2500MHz
Efficiency (%)	-2.3 (58.5%)
Gain (dBi)	1.7 Max
Manufacturer	NINGBO SC-STARMAX IMP. & EXP. CO.,LTD.
Address	19F, Building 1, Lane 1255, Heqing North Road, Yinzhou District, Ningbo, Zhejiang, China

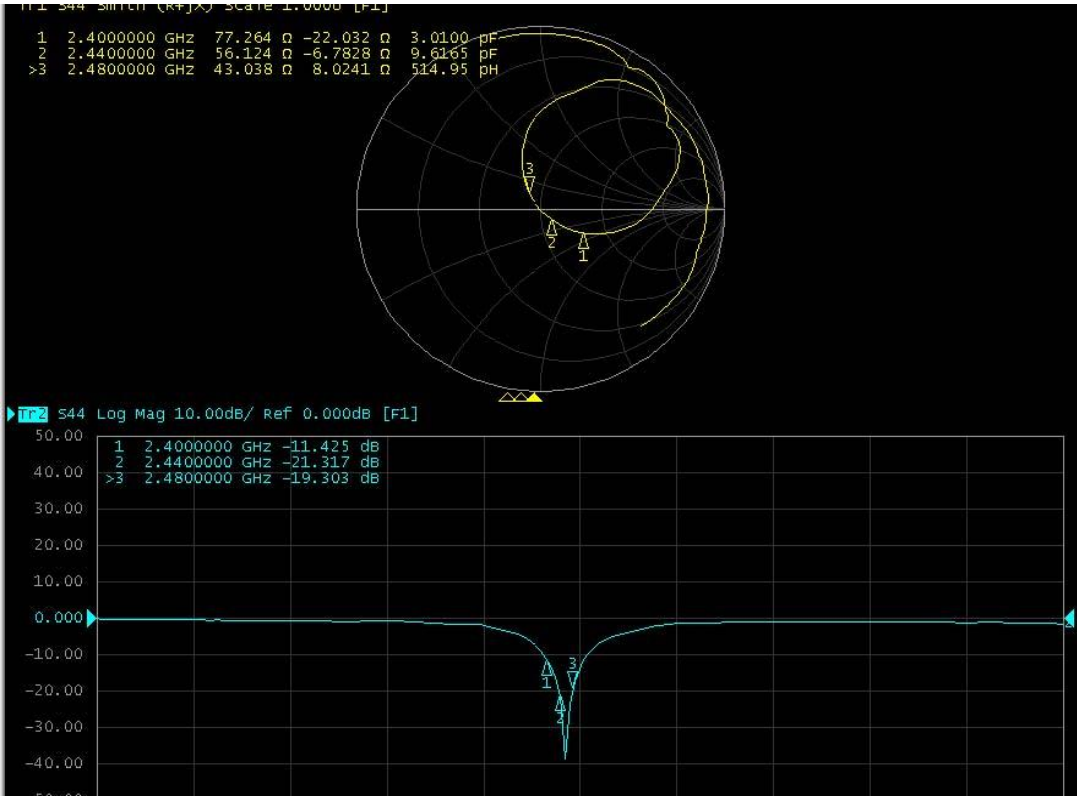
All the technical data and information contained herein are subject to change without prior notice

Antenna Layout & module on the system board

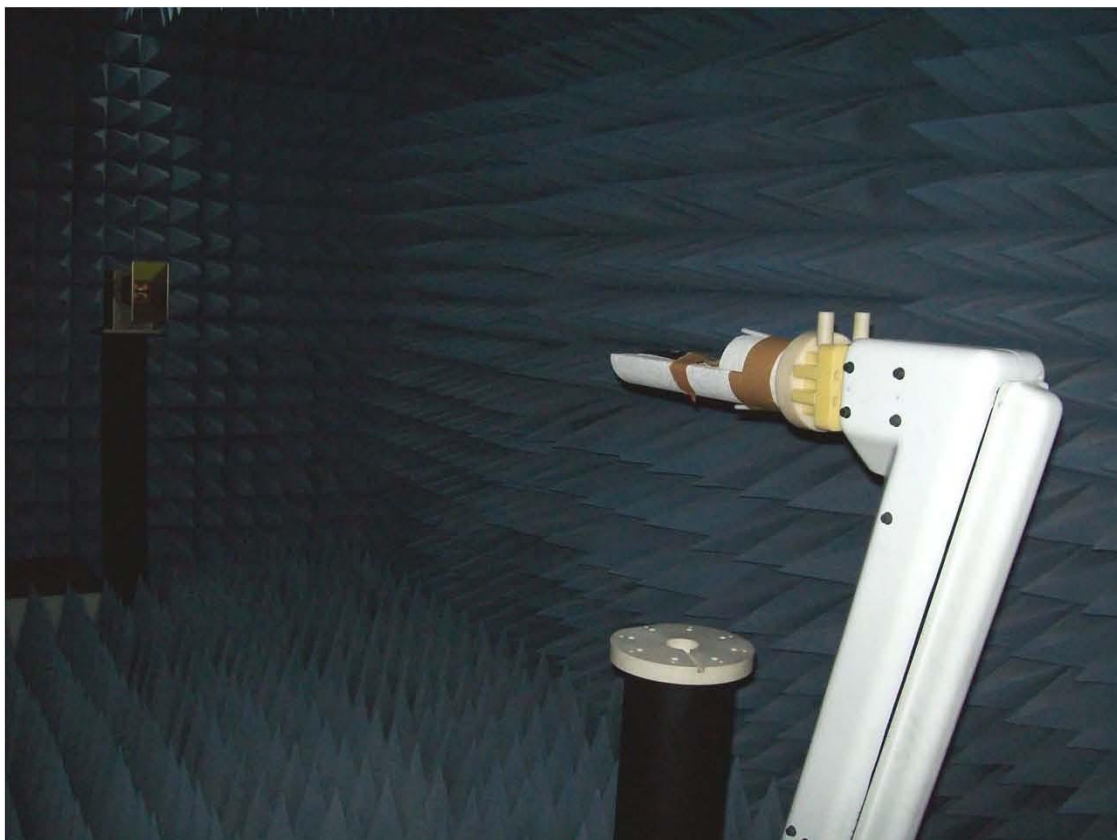
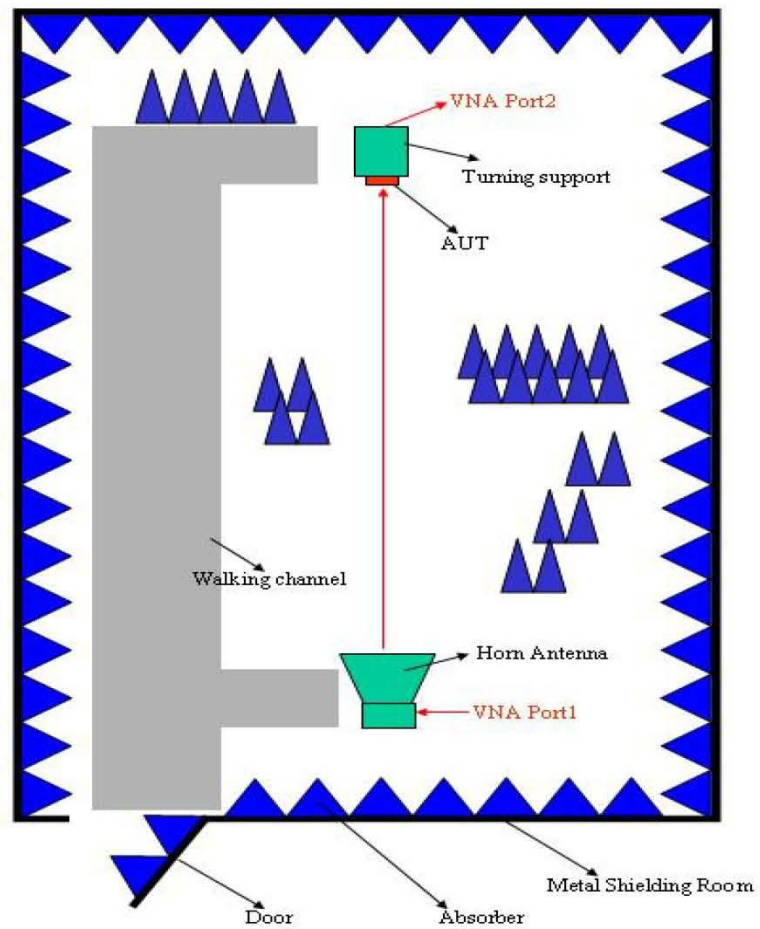


Unit in dBi @2.44GHz	XY-plane		XZ-plane		YZ-plane		Efficiency
	Peak	Avg.	Peak	Avg.	Peak	Avg.	
Module Board	1.3	-0.5	1.7	-3.8	1.1	-3.0	58.5%

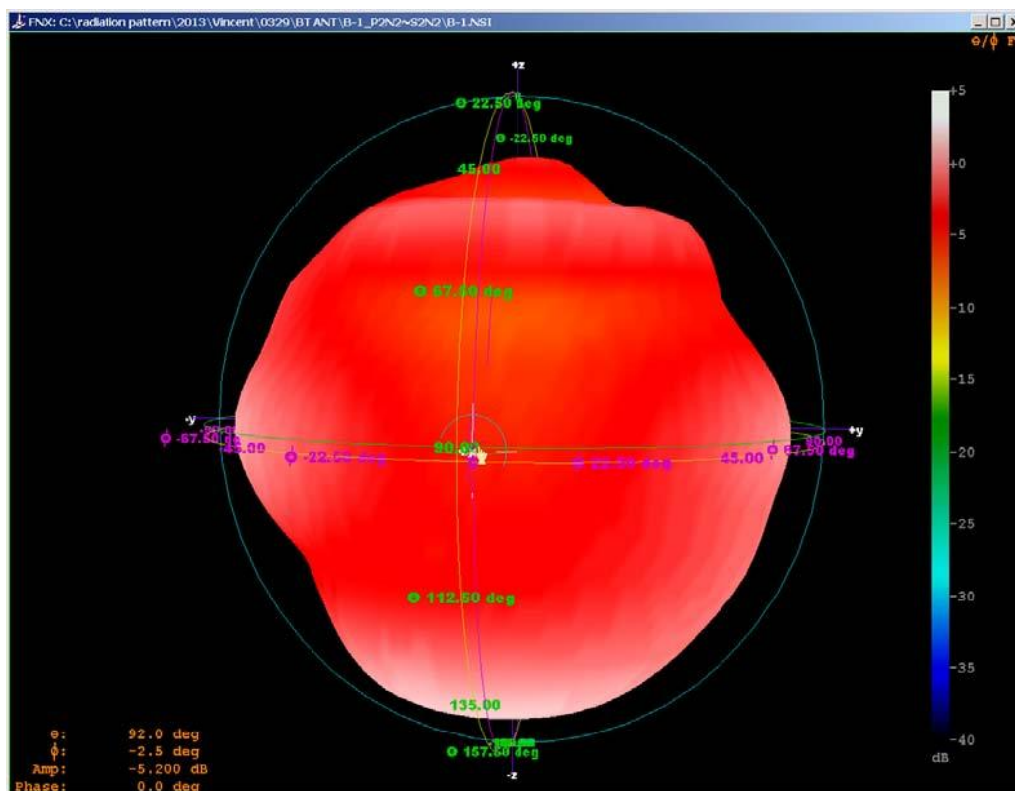
**Antenna Gain
Gain Table**



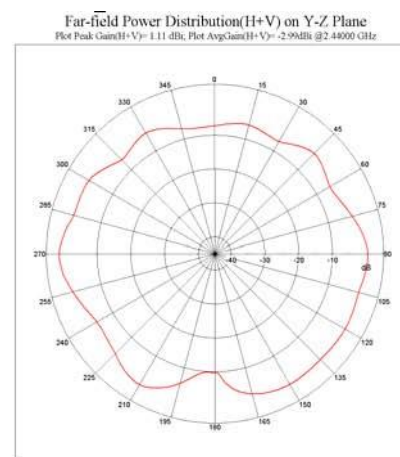
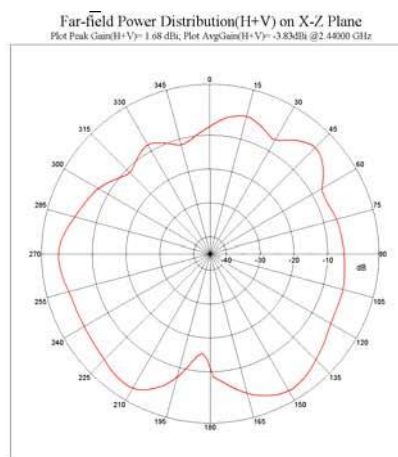
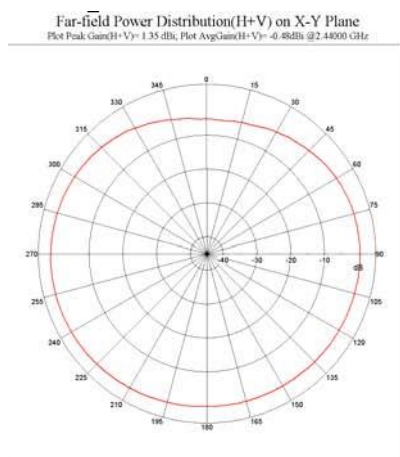
Return Loss



The Environment of Antenna Radiation Pattern



3D radiation pattern diagram



XY-plane XZ-plane YZ-plane