

Product specification

Quick Reference Date

	Antenna module on the system board	
Frequenc Range	2400 ~ 2500MHz	
Ant. Port Input Pwr. (dBm)	0 (Typ. BT class 2 output power)	
Tot. Rad. Pwr. (dBm)	-1.2 (Input pwr – loss pwr)	
Peak EIRP(dBm)	0	
Directivity (dBi)	0 (all direction antenna)	
Efficiency (dB)	6 0.2 %	
Gain (dBi)	0 (Avg Gain XY-plane)	
Maximum Power (dBm)	1 (XY-plane)	
Minimum Power (dBm)	-2(XY-plane)	
Avg. Power (dBm)	-1.2(XY-plane)	
Input Impedence(ohm)	50	
Polarization Type	V ertical & Horizontal	
V . S .W . R	< 2	

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

Antenna Layout & module on the system board

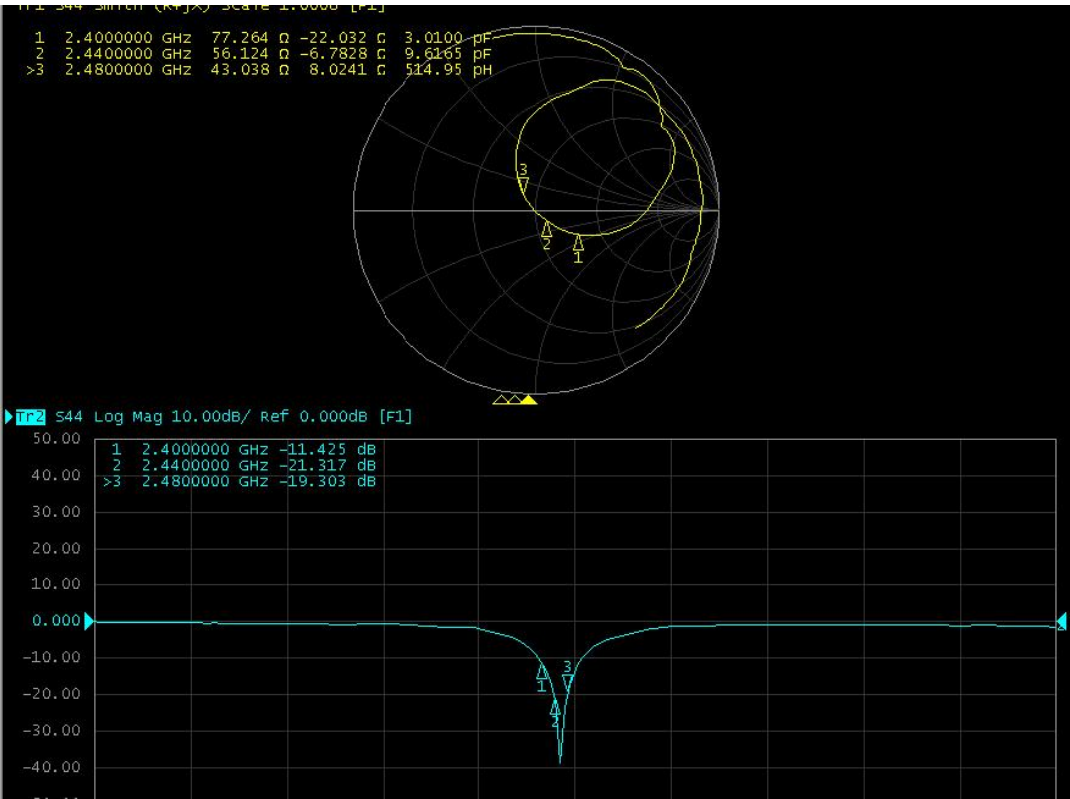


Antenna Gain

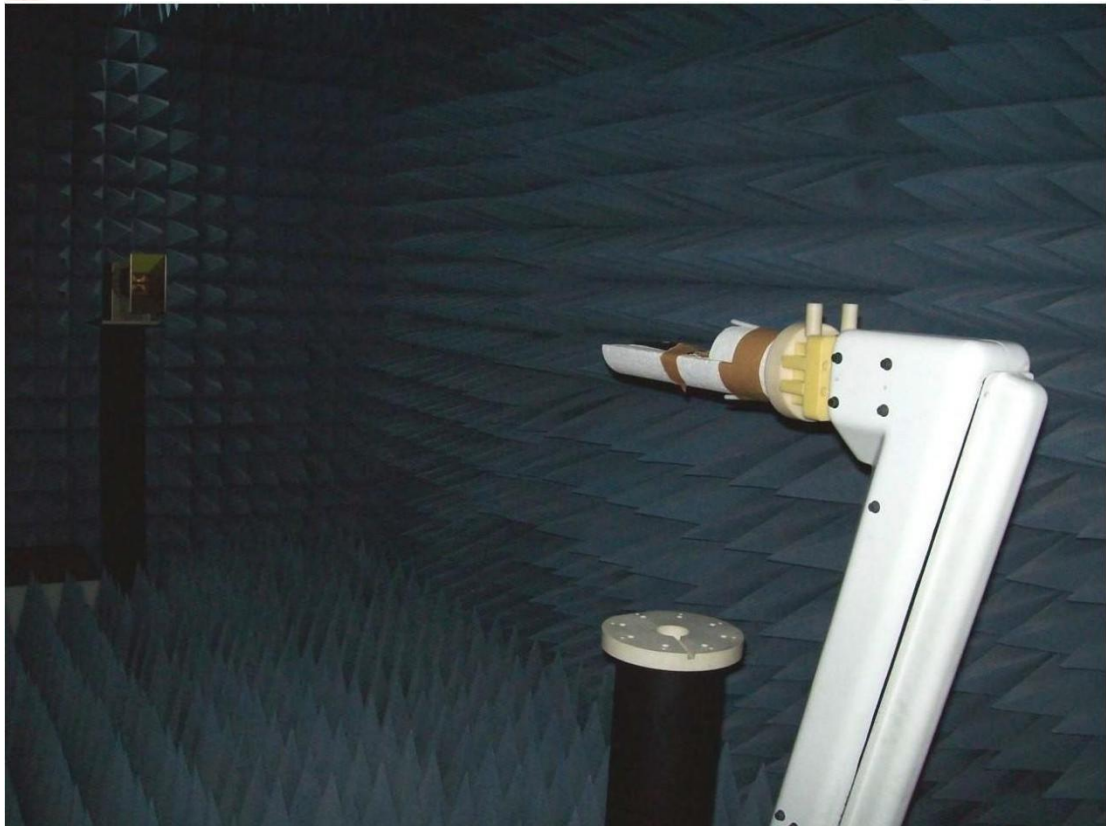
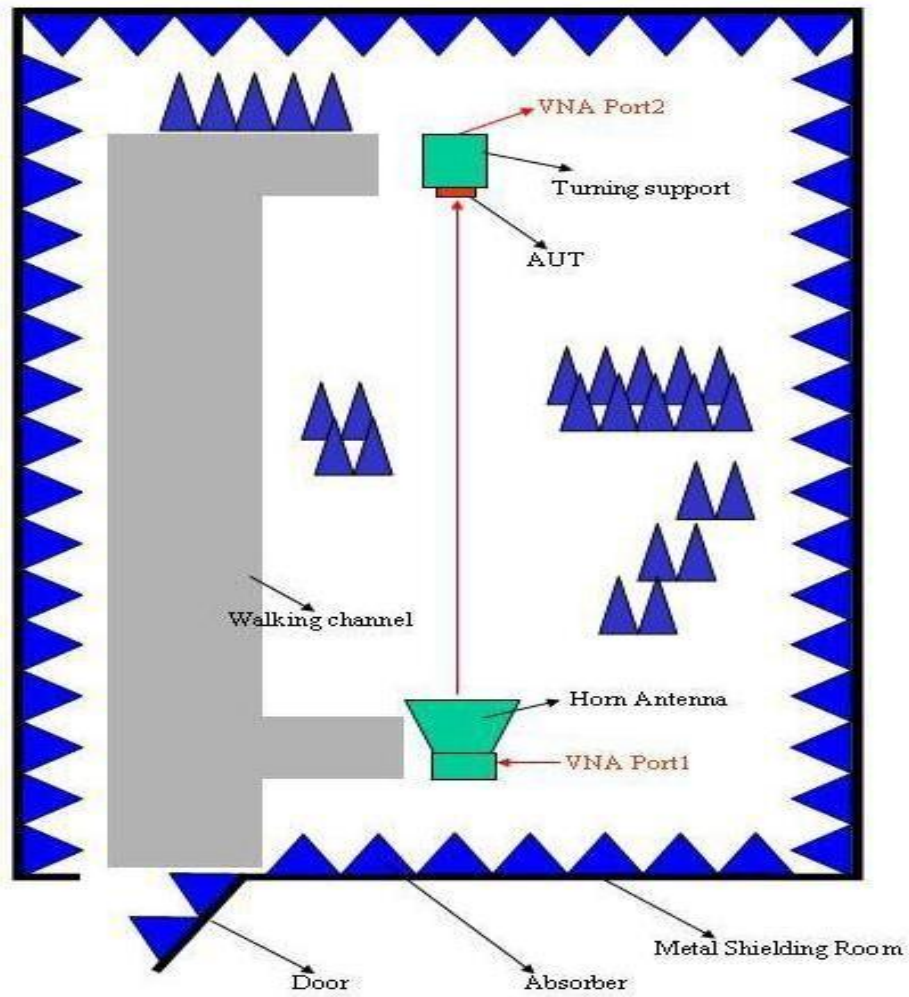
Gain Table

Unit in dBi @2.45GHz	XY-plane		XZ-plane		YZ-plane		Efficiency
	Peak	Avg.	Peak	Avg.	Peak	Avg.	
Module Board	0	-1.5	-0.3	-4.6	-0.2	-3.8	6 0.2 %

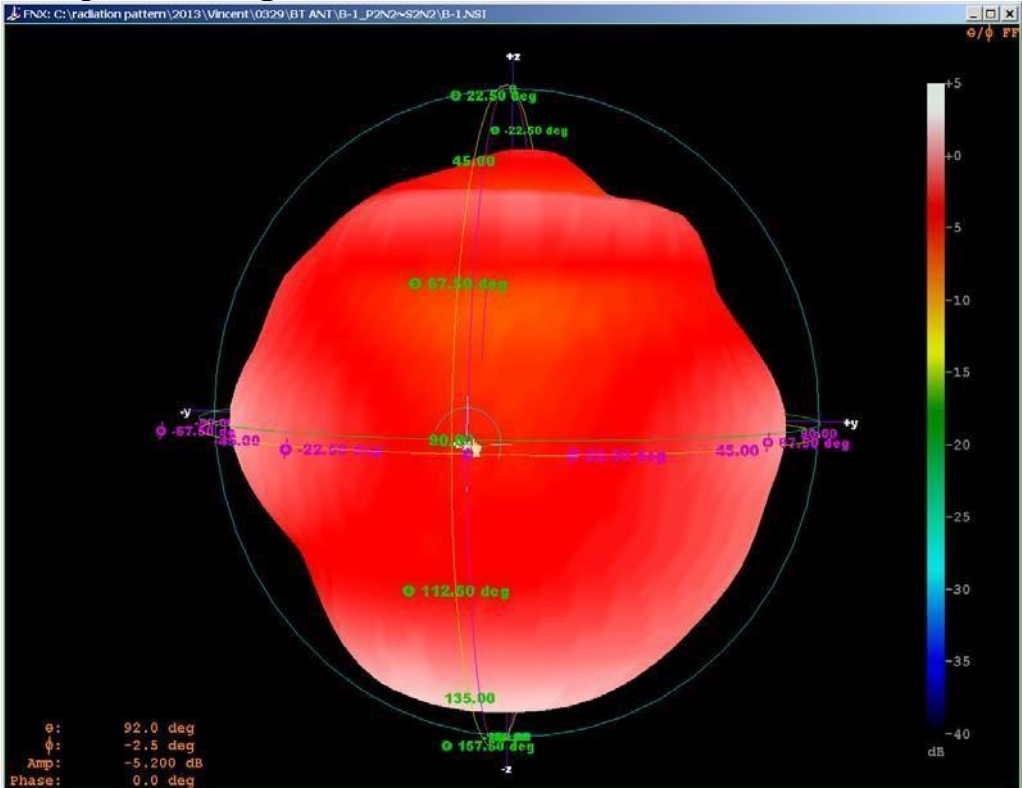
Return Loss



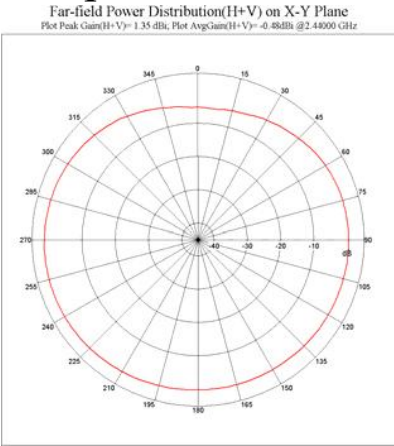
The Environment of Antenna Radiation Pattern



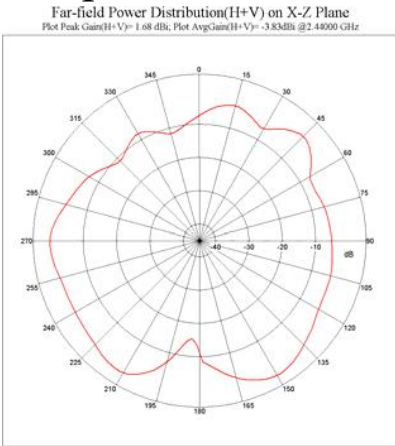
3D radiation pattern diagram



XY-plane



XZ-plane



YZ-plane

