

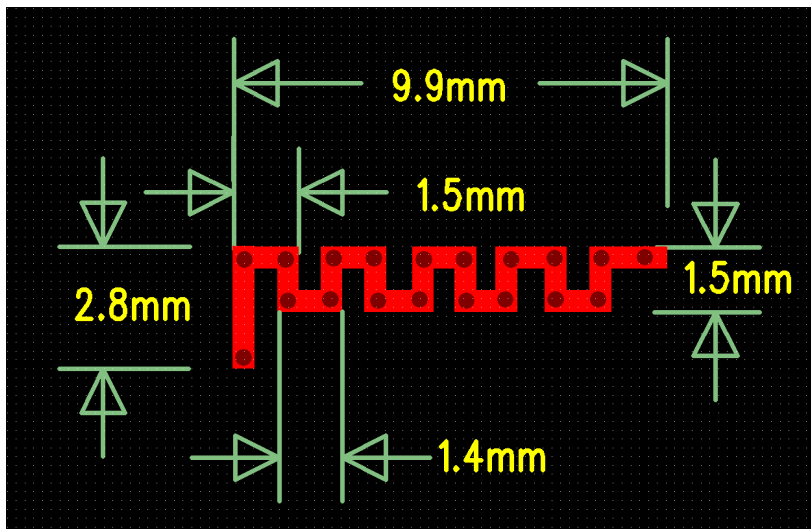
Antenna Data Sheet

Quick Reference Data

	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)
Efficiency(dB)	60.2%
Gain(dBi)	1.2(Avg Gain XY-plane)
Maximum Power(dBm)	1.7(XY-plane)
Minimum Power(dBm)	-4(XY-plane)
Avg.Power(dBm)	-0.5(XY-plane)
Input Impedence(ohm)	50
Polarization Type	V ertical &Horiz ontal
V S .W .R	<1.4

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

Antenna Layout & module on the system board

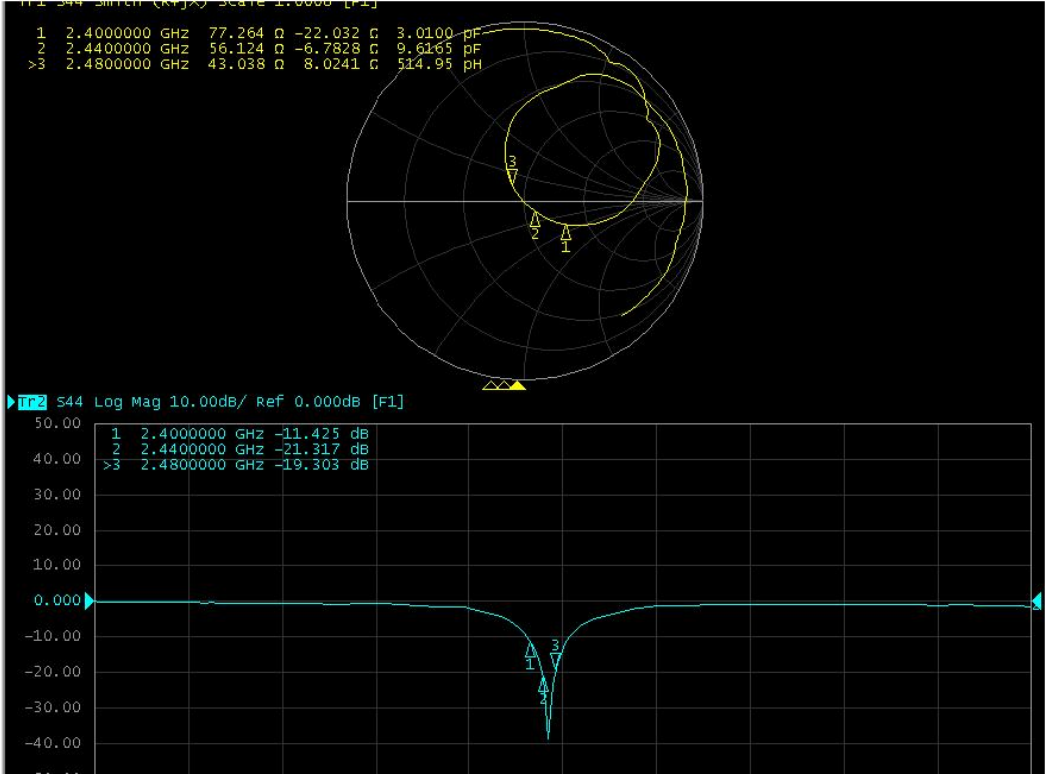


Antenna Gain

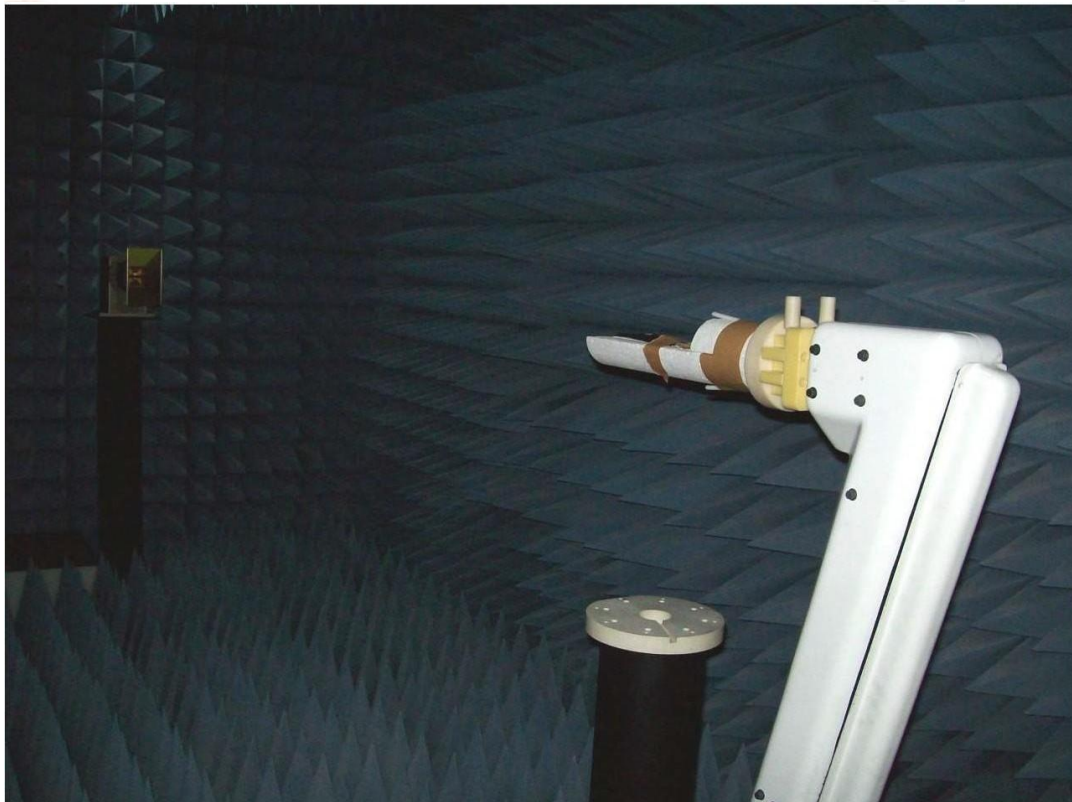
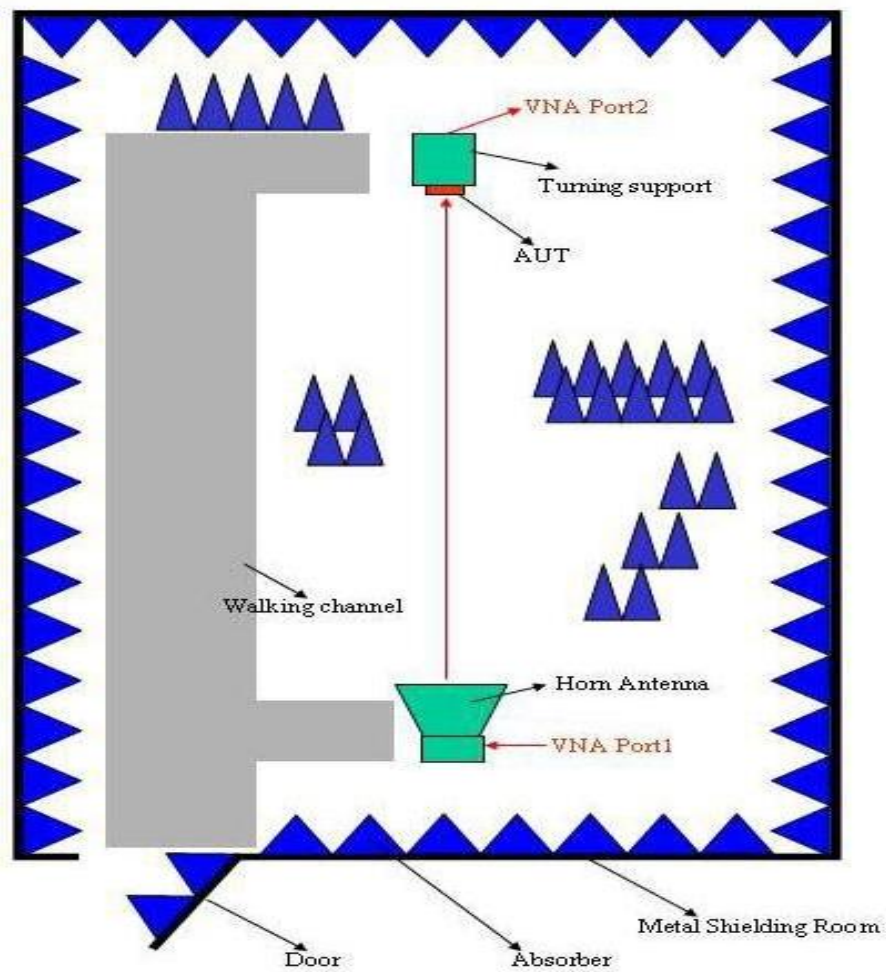
Gain Table

Unit in dBi @2.44GHz	XY-plane		XZ-plane		YZ-plane		Efficiency
	Peak	Avg.	Peak	Avg.	Peak	Avg.	
Module Board	1.2	-0.5	1	-3.6	1.1	-3.0	60.2%

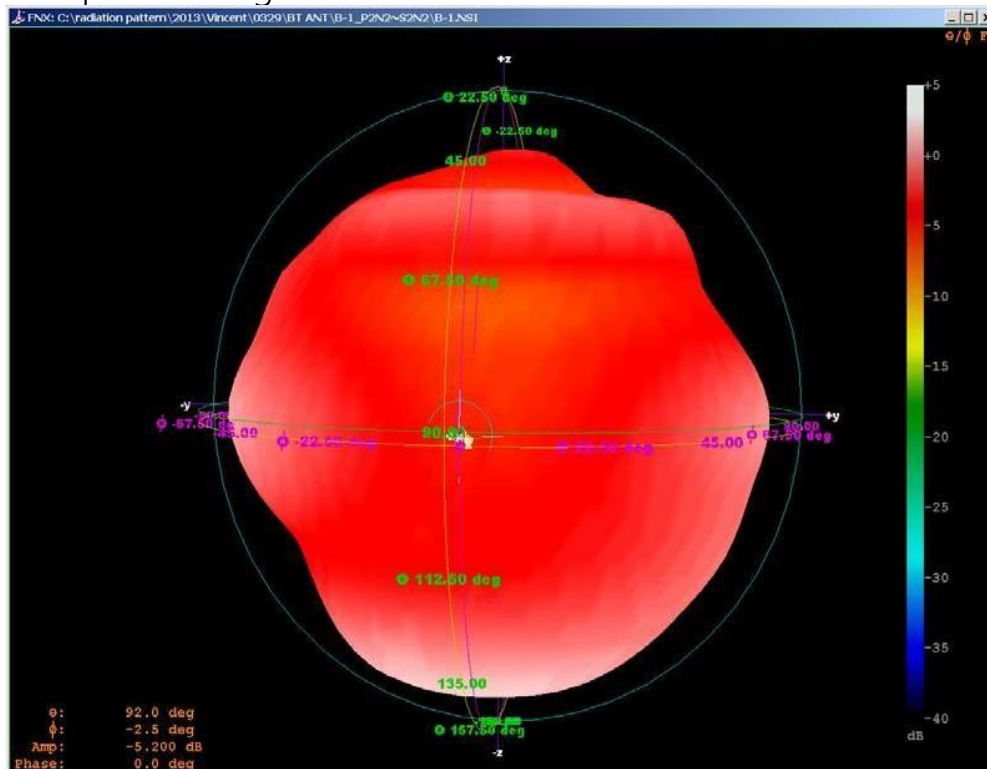
Return Loss



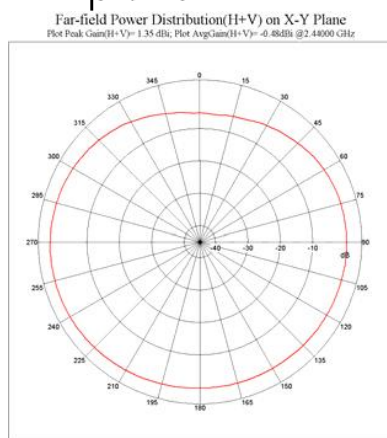
The Environment of Antenna Radiation Pattern



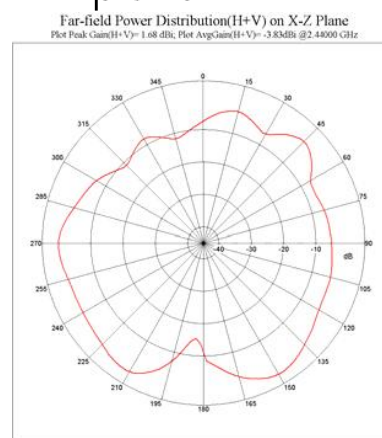
3D radiation pattern diagram



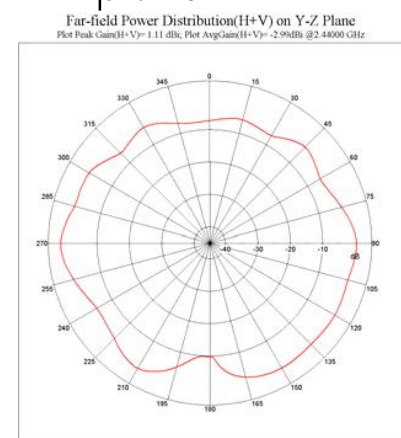
XY-plane



XZ-plane



YZ-plane



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