

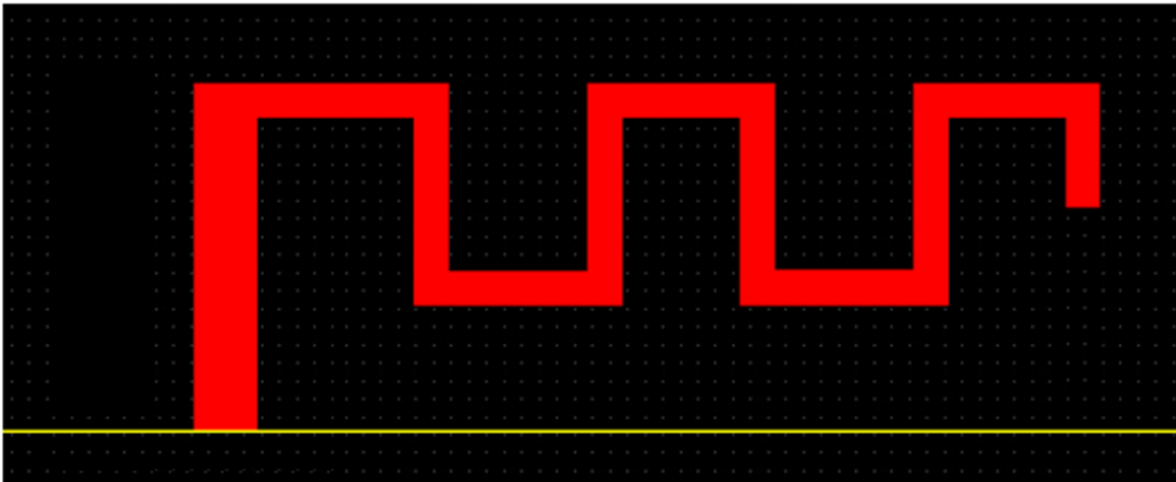
Products specification

Quick Reference Date

	Antenna module on the system board	
Frequenc Range	2400~2500GHz	
Ant. Port Input Pwr.(dBm)	0(Typ.BTclass2outputpower)	
Tot. Rad. Pwr.(dBm)	-1.2 (Input pwr – loss pwr)	
Peak EIRP(dBm)	1.2	
Directivity(dBi)	1(all direction antenna)	
Efficiency(dB)	60.2%	
Gain(dBi)	1.9(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	Vertical& Horizontal	
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

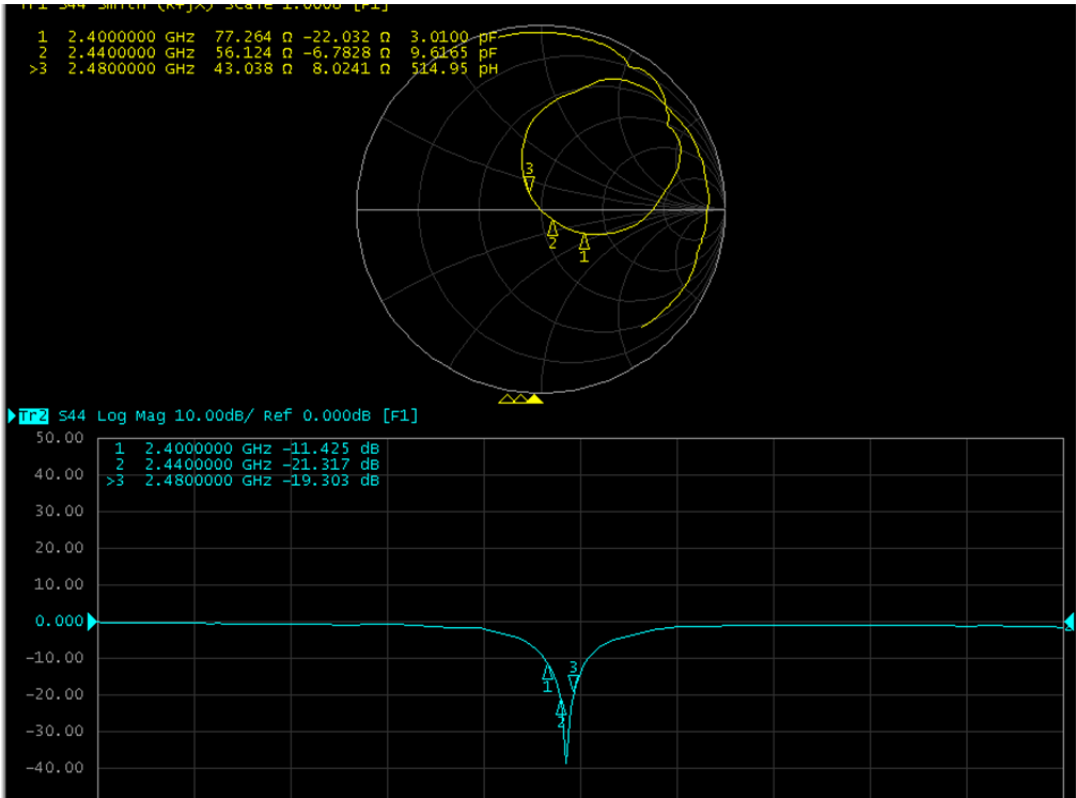


Antenna Gain

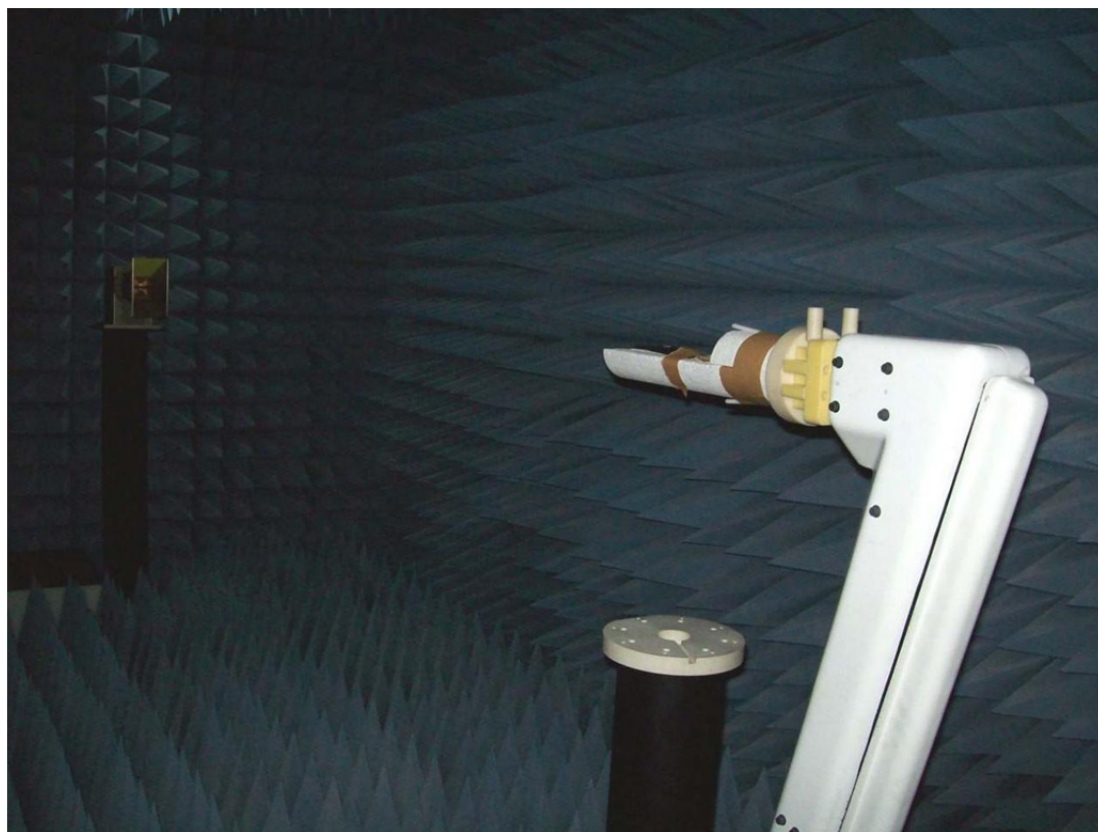
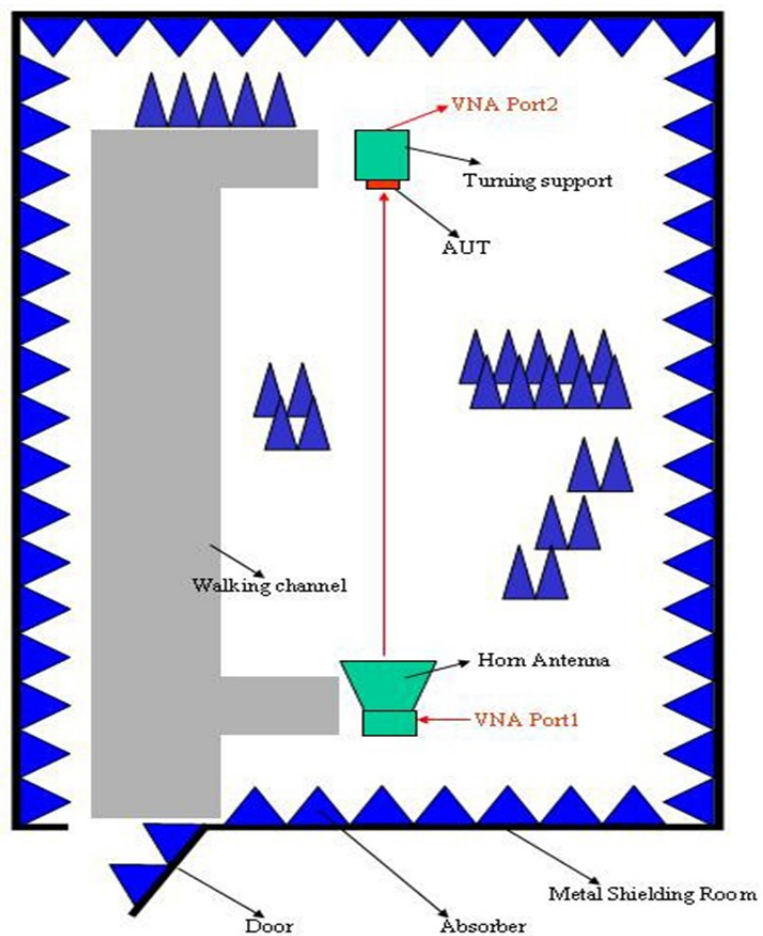
Gain Table

UnitindBi@2.44GHz	XY-plane		XZ-plane		YZ-plane		Efficiency
	Peak	Avg.	Peak	Avg.	Peak	Avg.	
Module Board	1.2	-0.5	1.9	-3.6	1.1	-3.0	60.2 %

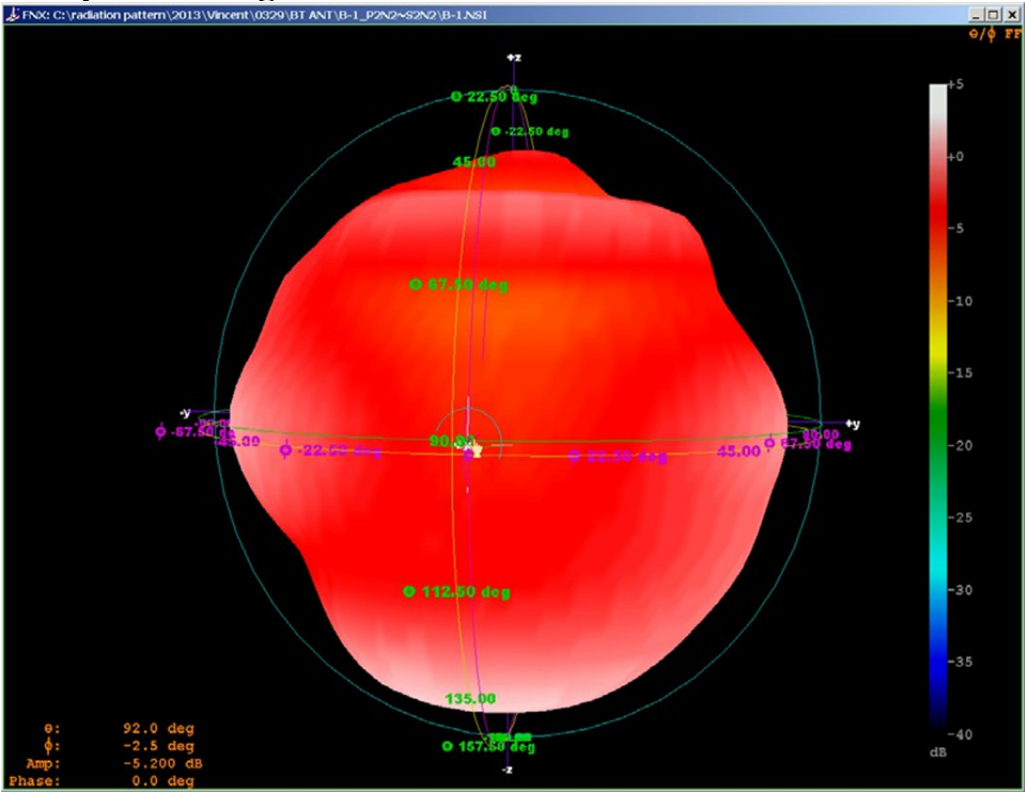
ReturnLoss



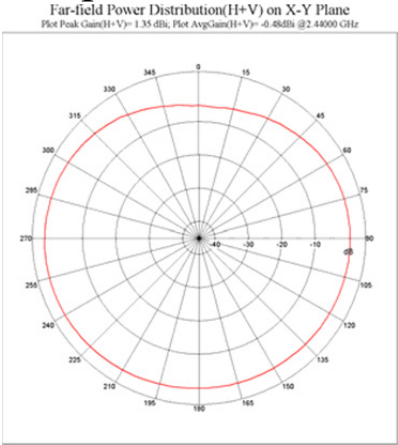
The Environment of Antenna Radiation Pattern



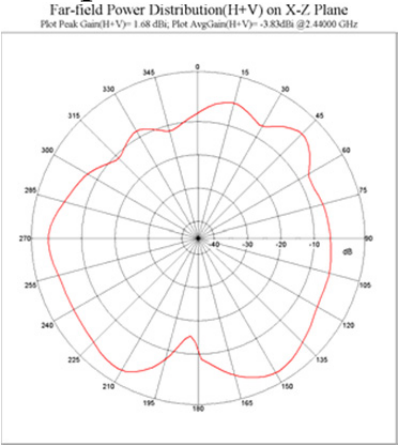
3D radiation pattern diagram



XY-plane



XZ-plane



YZ-plane

