

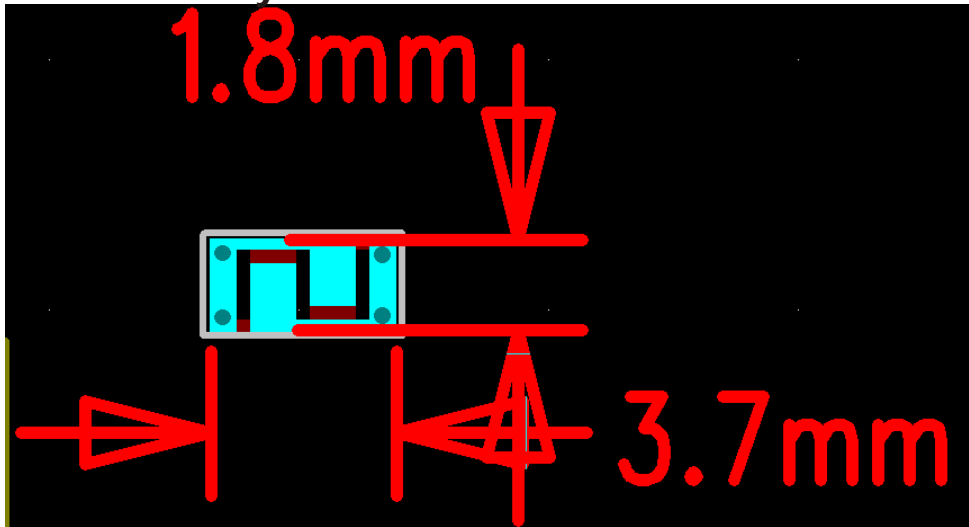
Product specification

Quick Reference Date

	Antennamodule on thesystem bard	
Frequenc Range	2400 ~ 2500MHz	
Ant.Port InputPwr. (dBm)	0 (Typ.BT class 2 otputpower)	
Tot.Rad. Pwr. (dBm)	-1.2(Input pwr loss pwr)	
Peak EIRP(dBm)	1.2	
Directivity (dBi)	1 (all direction antenna)	
Efficiency (dB)	6 0.2 %	
Gain (dBi)	1.9	
MaximumPower (dBm)	1.7 (XY-plane)	
MinimumPower (dBm)	-4(XY-plane)	
Avg. Power (dBm)	-0.5(XY-plane)	
InputImpedence(ohm)	50	
PolarizationType	V ertical & Horizontal	
V . S .W . R	< 1.4	

All thetechnical dāa andinformationcontained herein are subject to changewithoutprior notice

Antennalayout & module on thesystem board

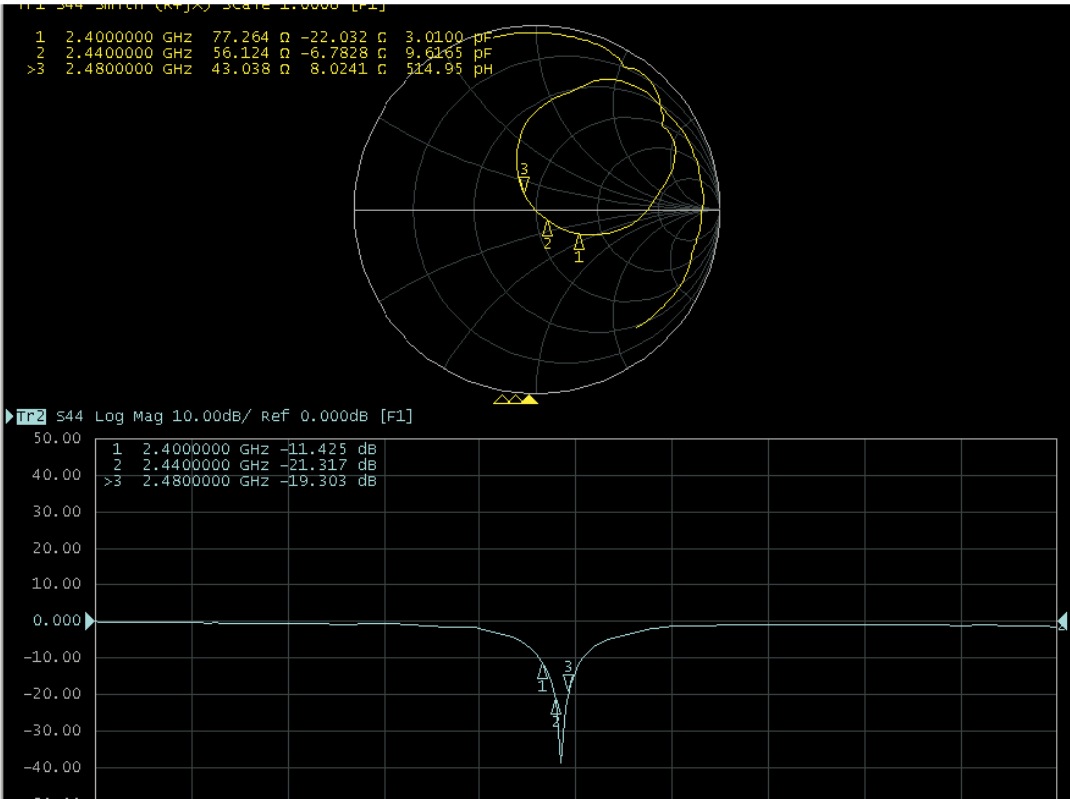


AntennaGain

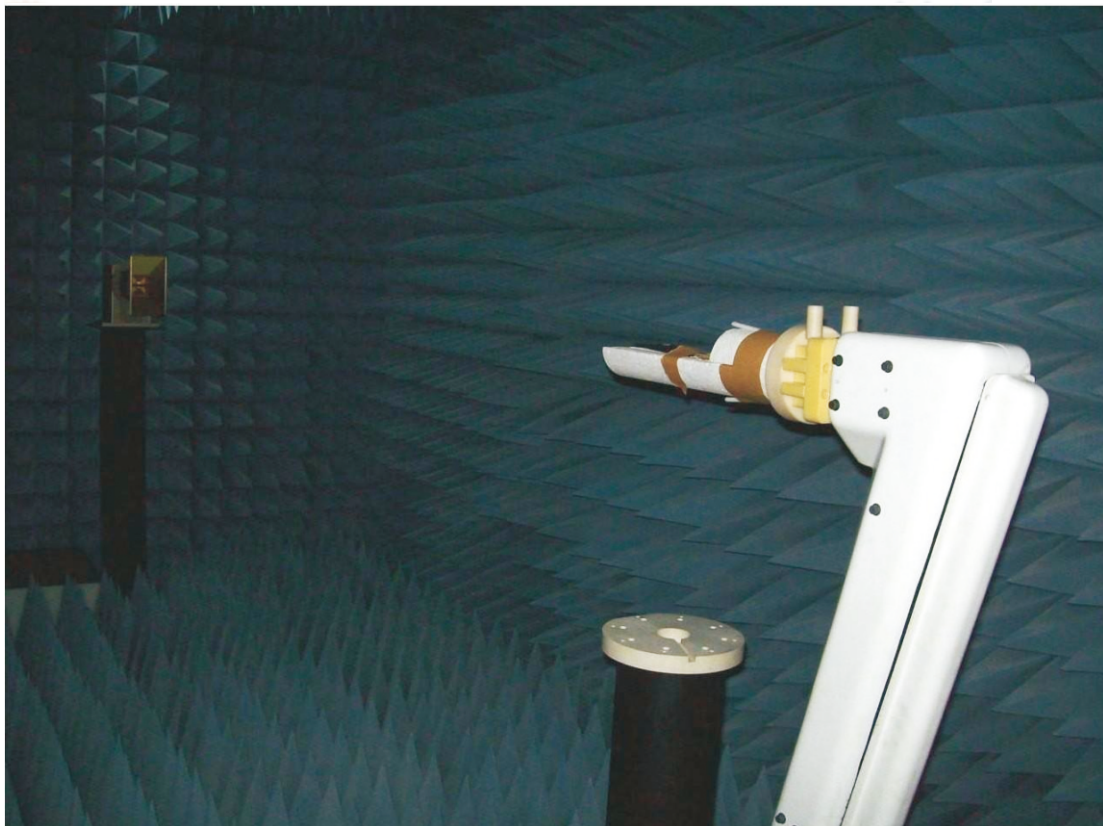
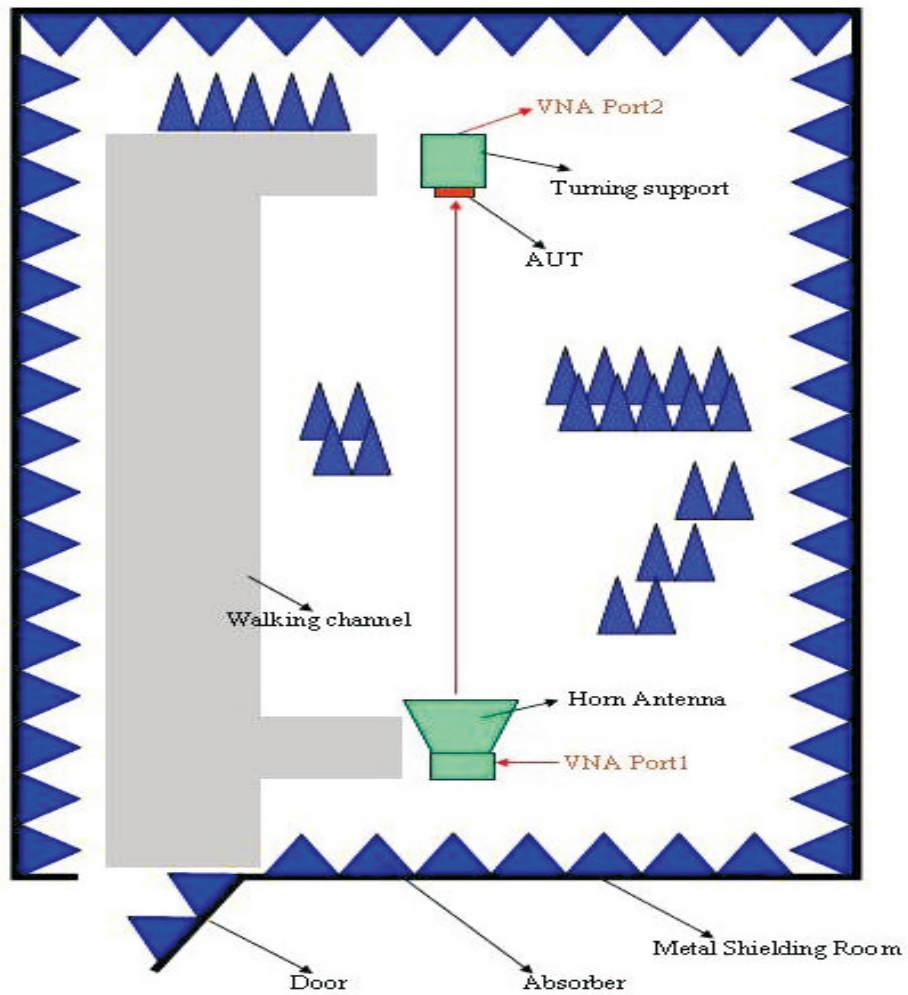
Gain Table

Unit in dBi @2.44GHz	XY-plane		XZ-plane		YZ-plane		Efficiency
	Peak	Avg.	Peak	Avg.	Peak	Avg.	
Module Board	1.2	-0.5	1.9	-3.6	1.1	-3.0	6 0.2%

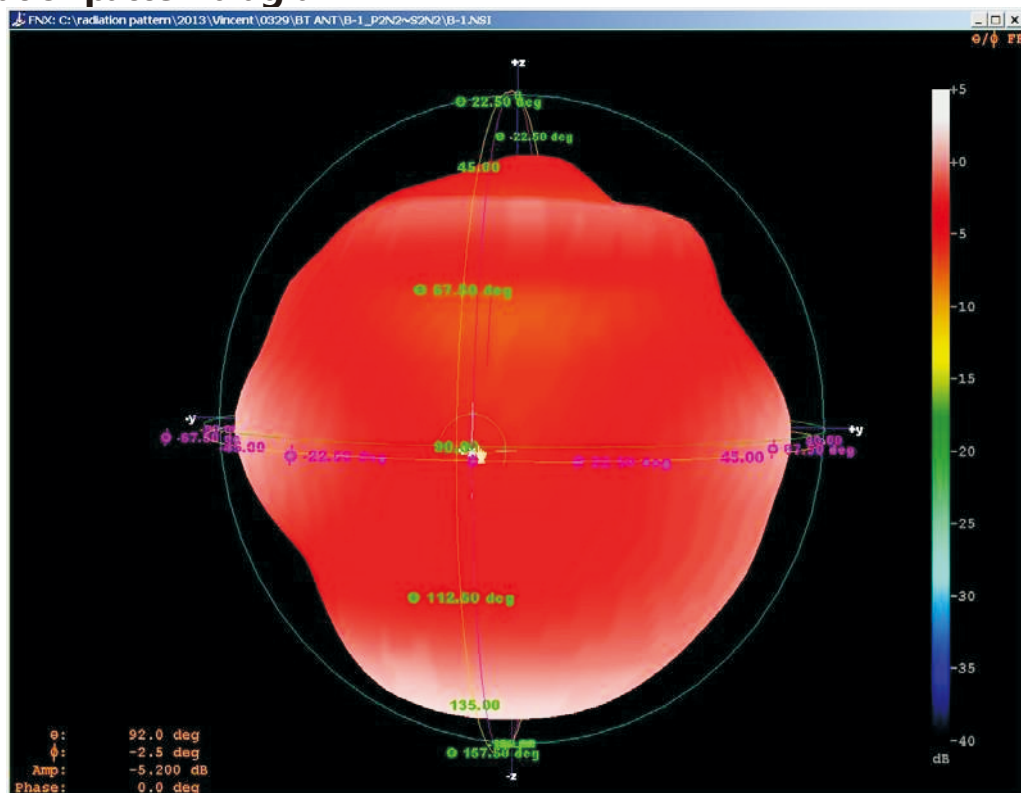
ReturnLoss



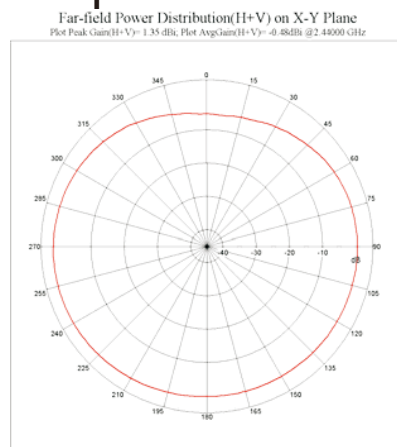
The Environment of Antenna Radiation Pattern



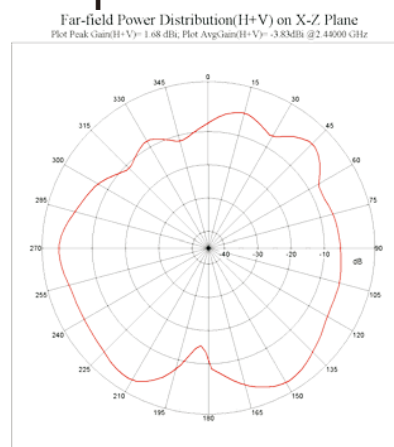
3D radiation pattern diagram



XY-plane



XZ-plane



YZ-plane

