

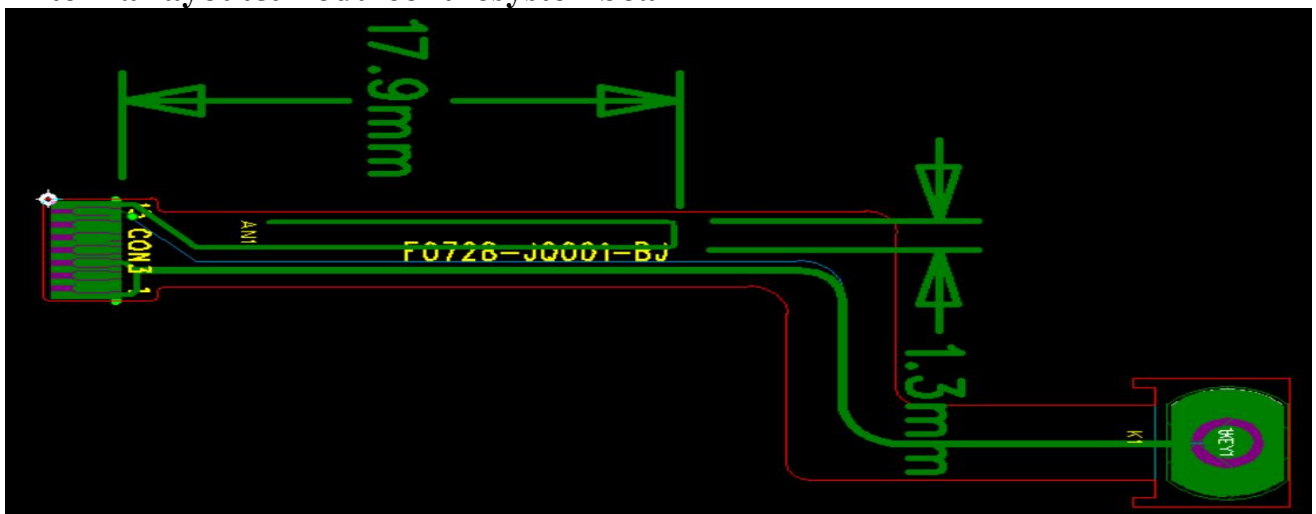
Products specification

Quick Reference Data

Model	BW01	
Frequency Range	2400 ~2500MHz	
Ant.Port Input Power.(dBm)	0(Typ.BTclass2outputpower)	
Tot.Rad.Power.(dBm)	-1.2(Input pwr-loss pwr)	
Peak EIRP(dBm)	1.2	
Directionality(dBi)	1(all direction antenna)	
Efficiency(dB)	60.2 %	
Gain(dBi)	1.68(Peak Gain XZ-plane)	
Maximum Power (dBm)	1.7(XY-plane)	
Minimum Power(dBm)	-4(XY-plane)	
Avg.Power(dBm)	-0.5(XY-plane)	
Input impedance (ohms)	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

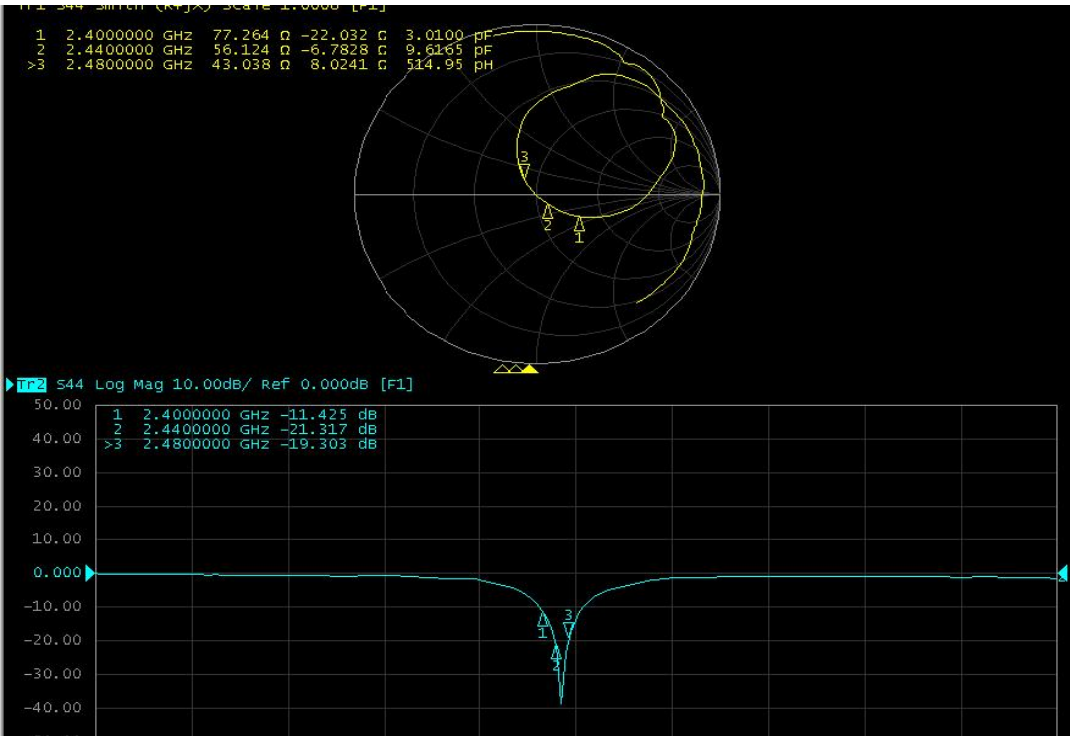


Antenna Gain

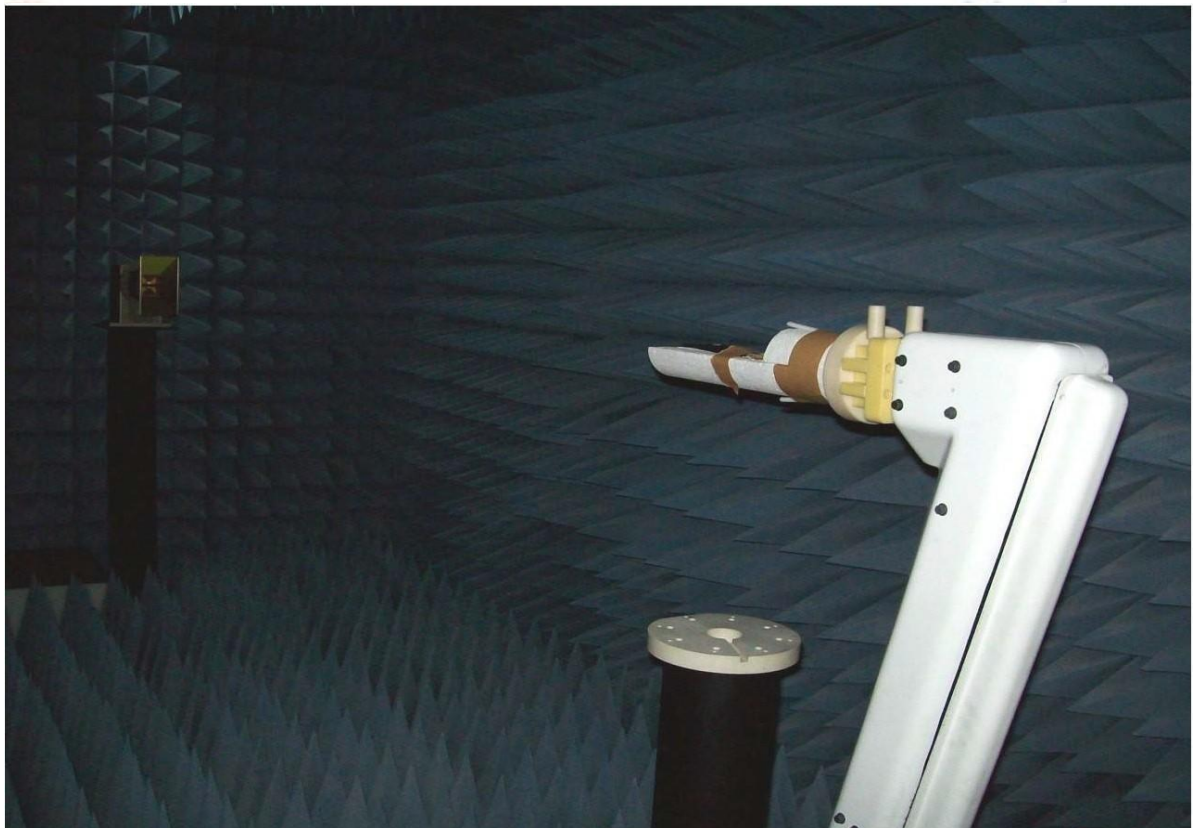
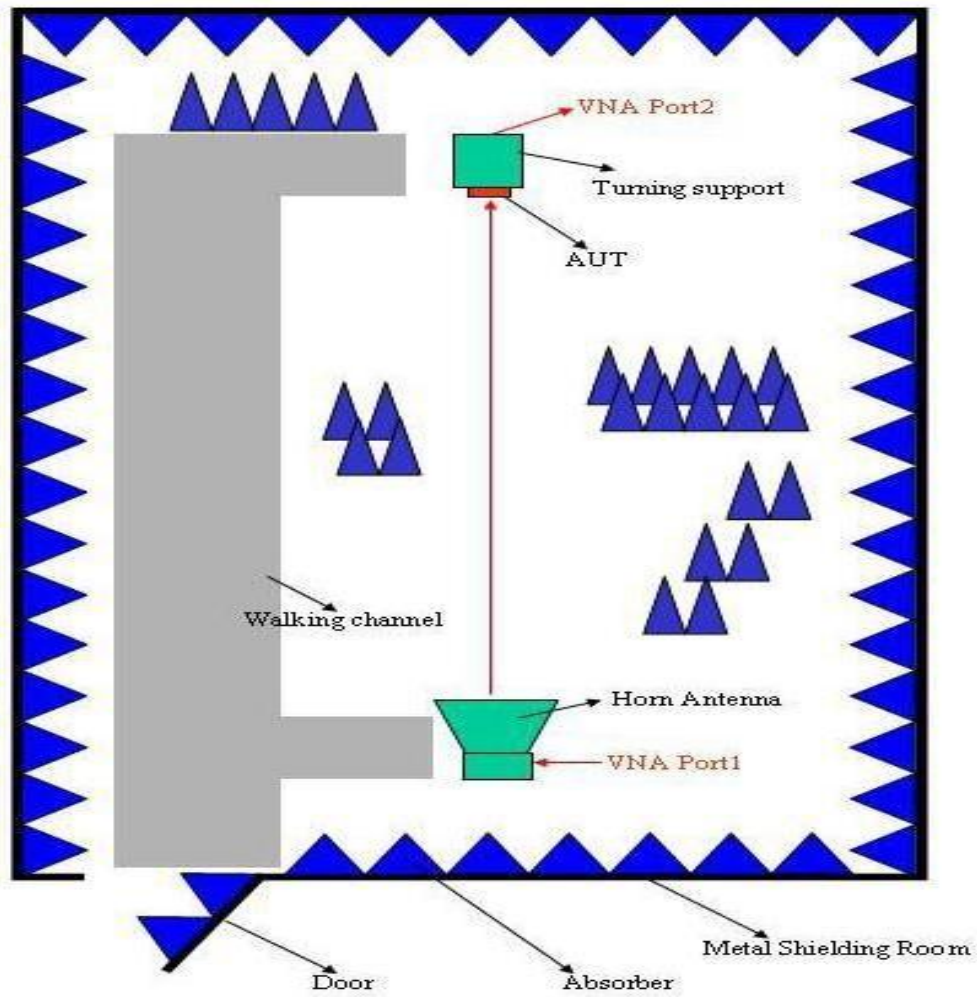
Gain Table

Unit ind Bi @2.44GHz	XY-plane		XZ-plane		YZ-plane		Efficiency
	Peak	Avg.	Peak	Avg.	Peak	Avg.	
Module Board	1.35	-0.48	1.68	-3.83	1.11	-2.99	60.2 %

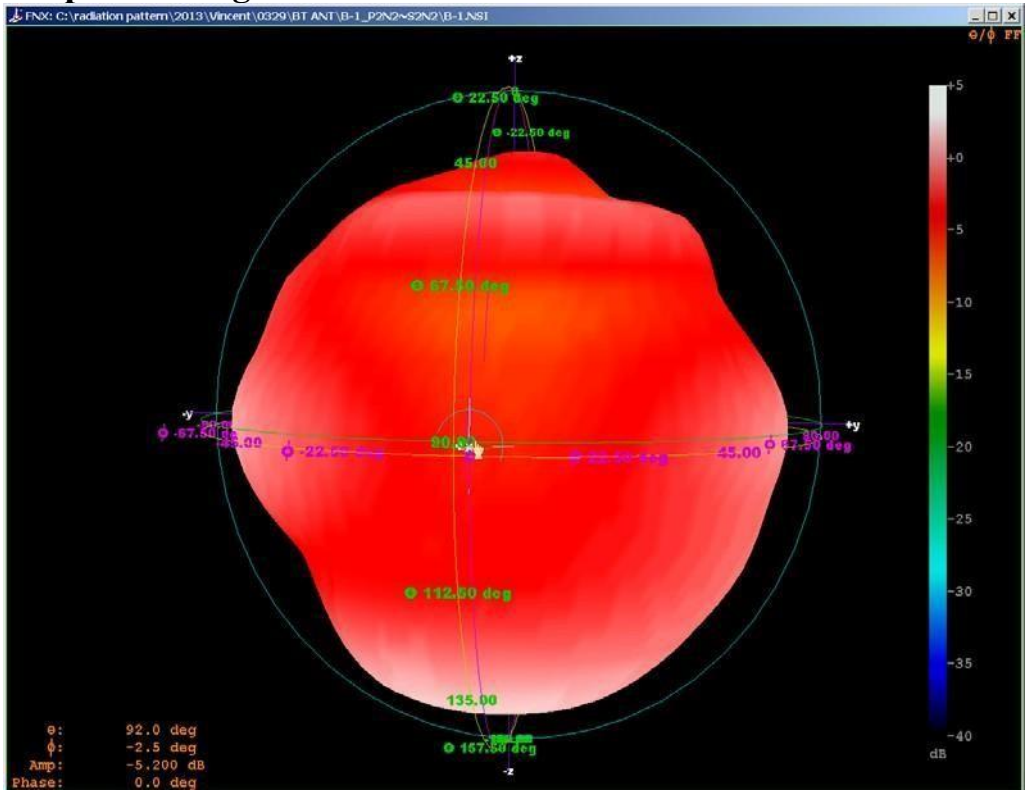
ReturnLoss



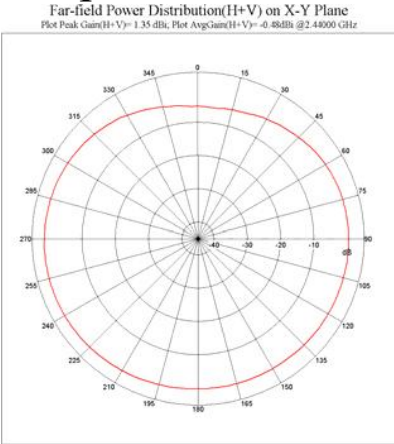
The Environment of Antenna Radiation Pattern



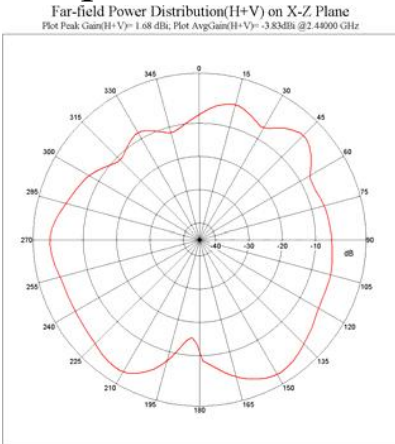
3Dradiationpatterndiagram



XY-plane



XZ-plane



YZ-plane

