

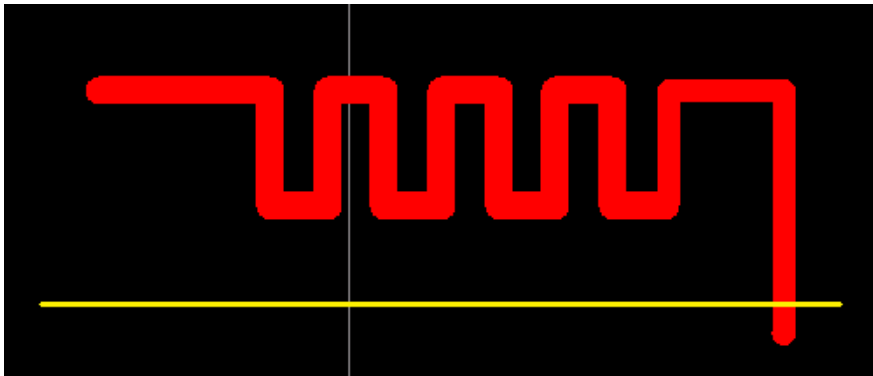
天线规格

数据

	板载天线	
频率范围	2400 ~ 2500MHz	
天线输入功率. (dBm)	0 (Typ. BT class 2 output power)	
Tot. Rad. Pwr. (dBm)	-1.0 (Input pwr – loss pwr)	
Peak EIRP(dBm)	1.68	
Directivity (dBi)	1 (all direction antenna)	
Efficiency (dB)	5 0.2 %	
Gain (dBi)	1.0 (Avg Gain XY-plane)	
Maximum Power (dBm)	1.5(XY-plane)	
Minimum Power (dBm)	-3.5(XY-plane)	
Avg. Power (dBm)	-0.3(XY-plane)	
Input Impendence(ohm)	50	
Polarization Type	V ertical & 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

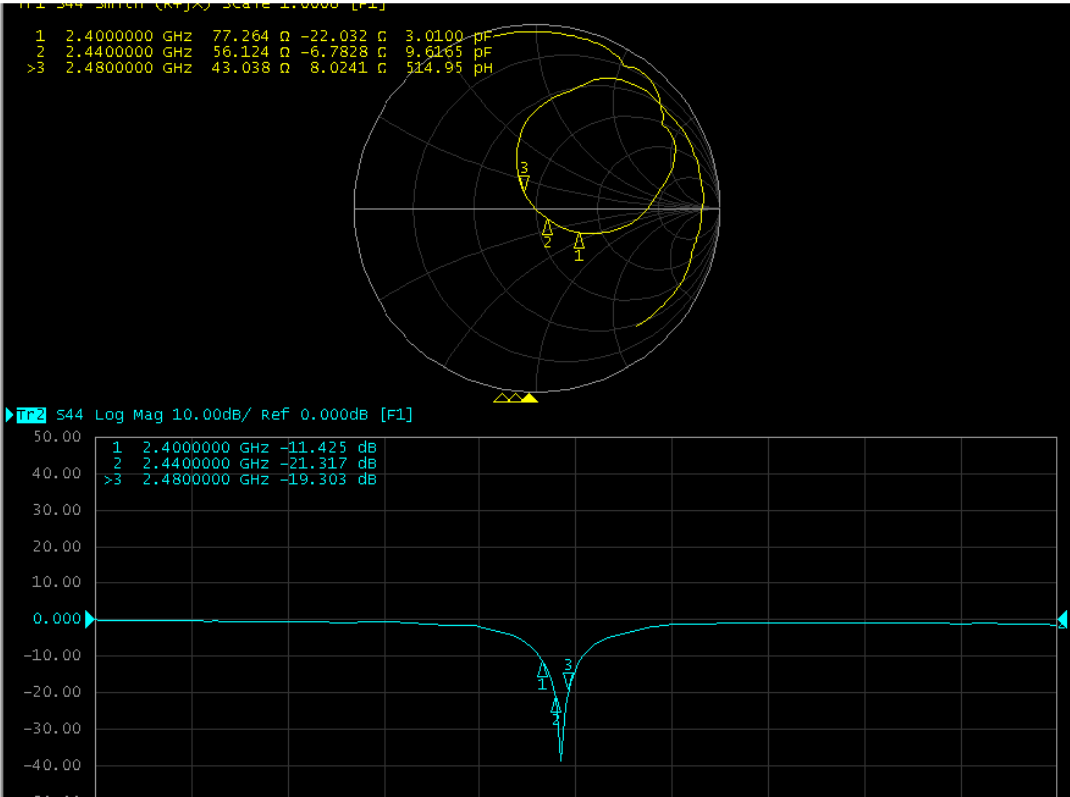


Antenna Gain

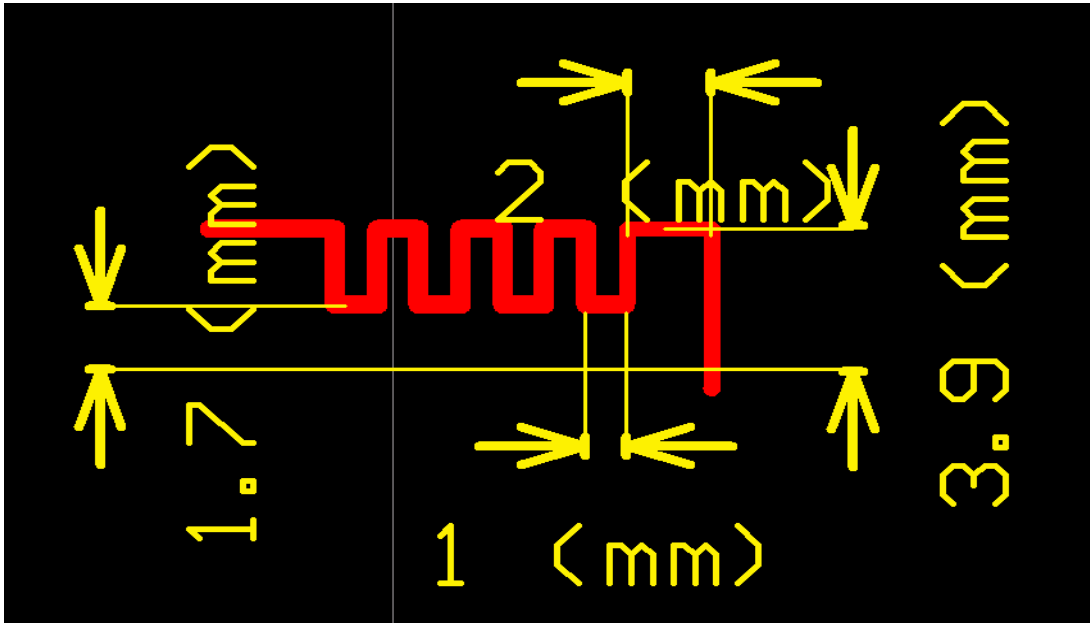
Gain Table

Unit in dBi @2.44GHz	XY-plane		XZ-plane		YZ-plane		Efficiency
	Peak	Avg.	Peak	Avg.	Peak	Avg.	
Module Board	1.35	-0.4	1.68	-3.1	1.11	-2.0	5 0.2 %

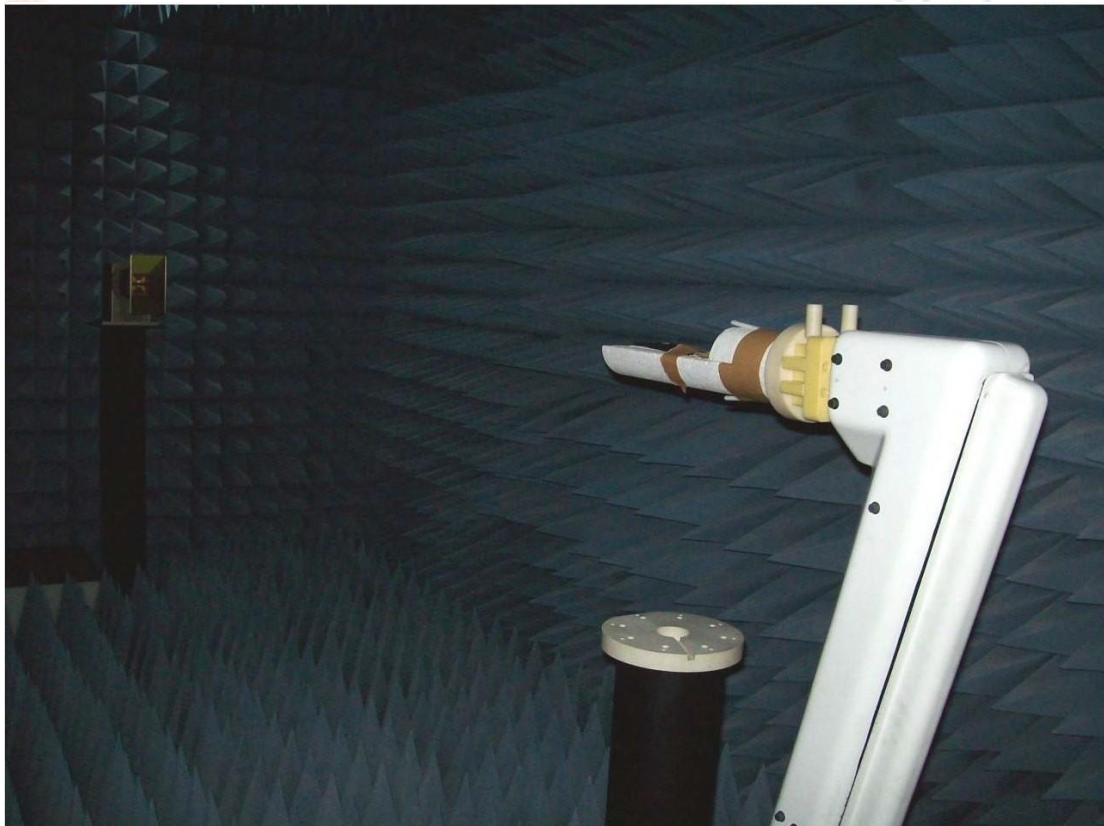
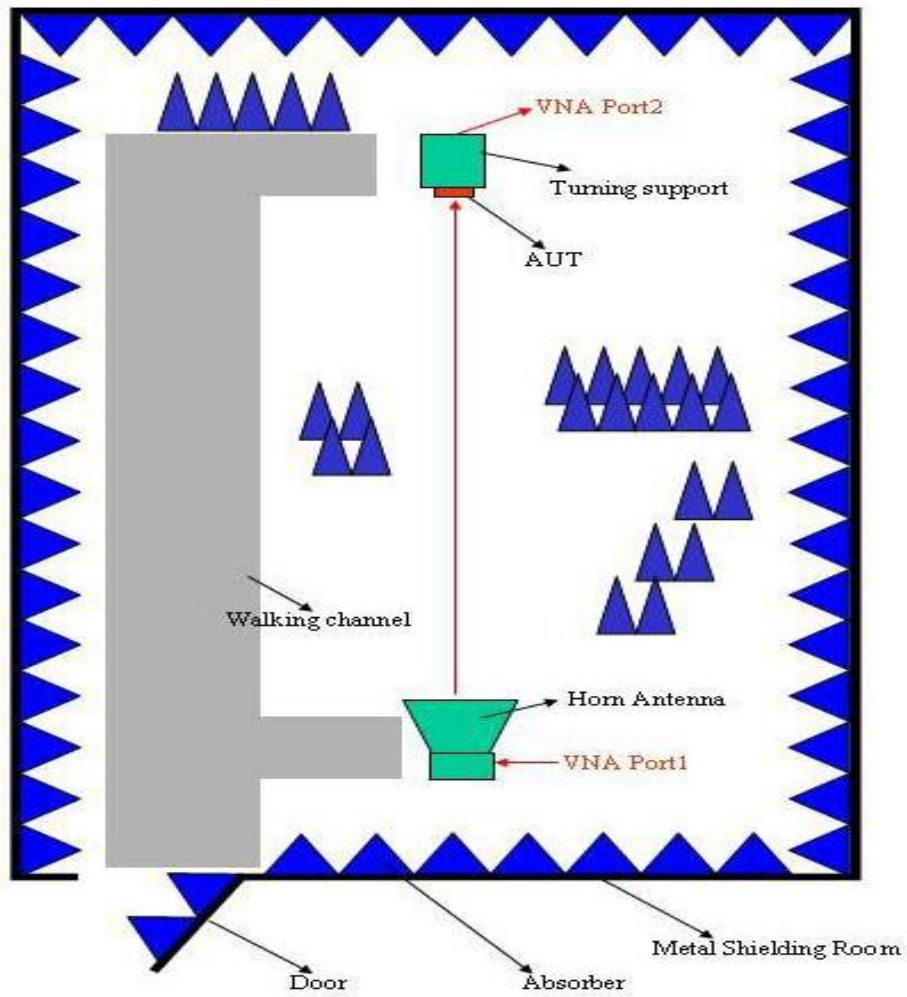
Return Loss



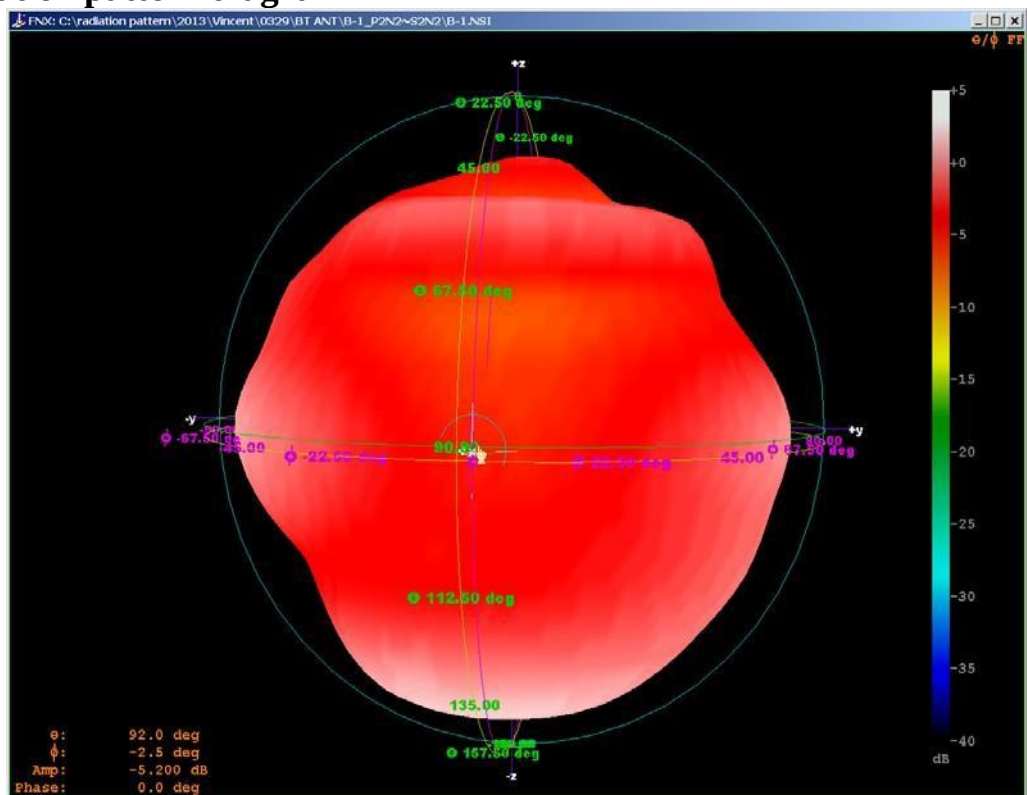
PIFA



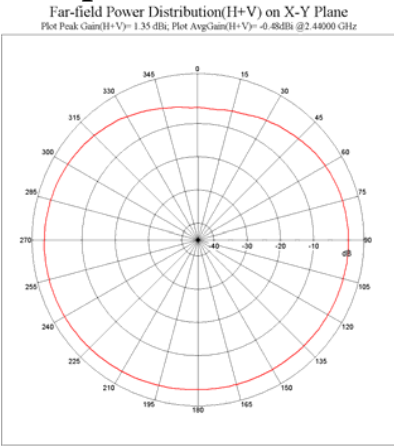
The Environment of Antenna Radiation Pattern



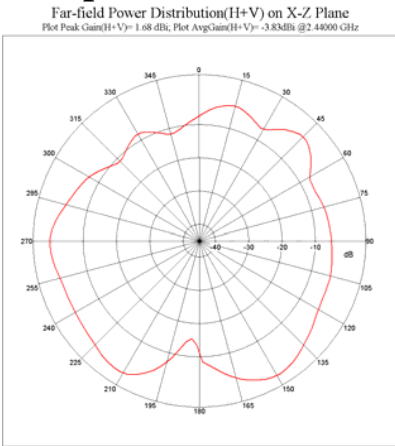
3D radiation pattern diagram



XY-plane



XZ-plane



YZ-plane

