

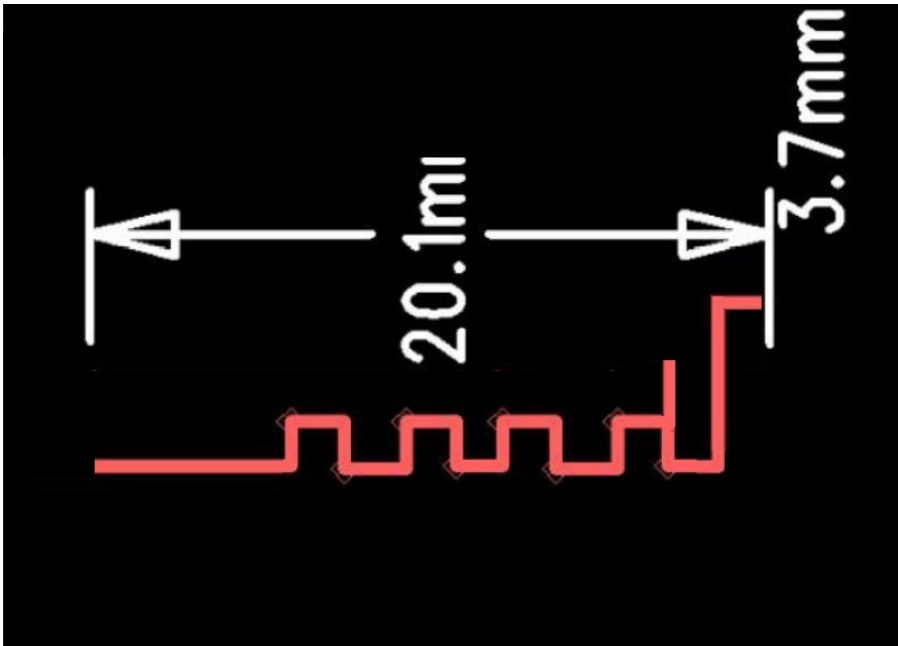
Product specification

Quick Reference Date

	Antenna module on the system board	
Antenna type	PCB	
Frequency	2.400-2.500GHz*1	
Ant. Port Input Pwr. (dBm)	0 (Typ. BT class 2 output power)	
Tot. Rad. Pwr. (dBm)	-2.3 (Input pwr – loss pwr)	
Peak EIRP(dBm)	1.7	

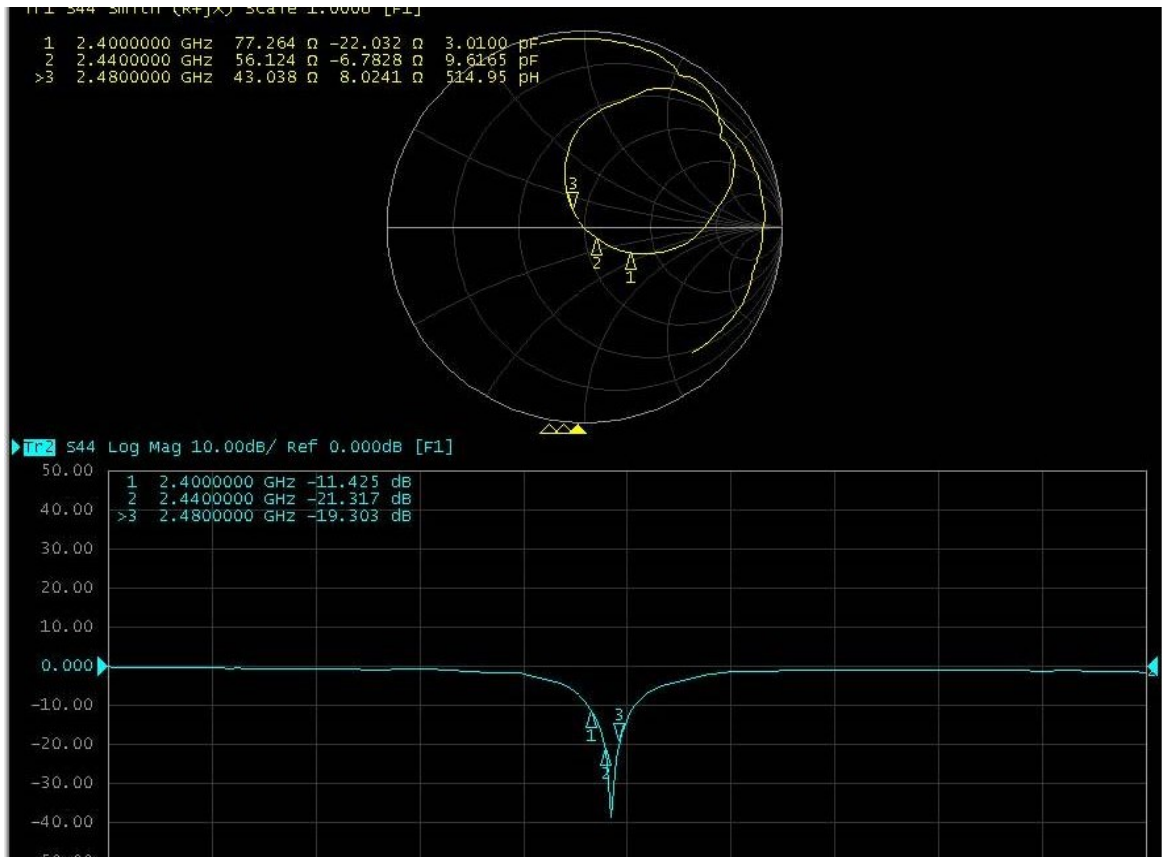
All the technical data and information contained herein are subject to change without prior notice

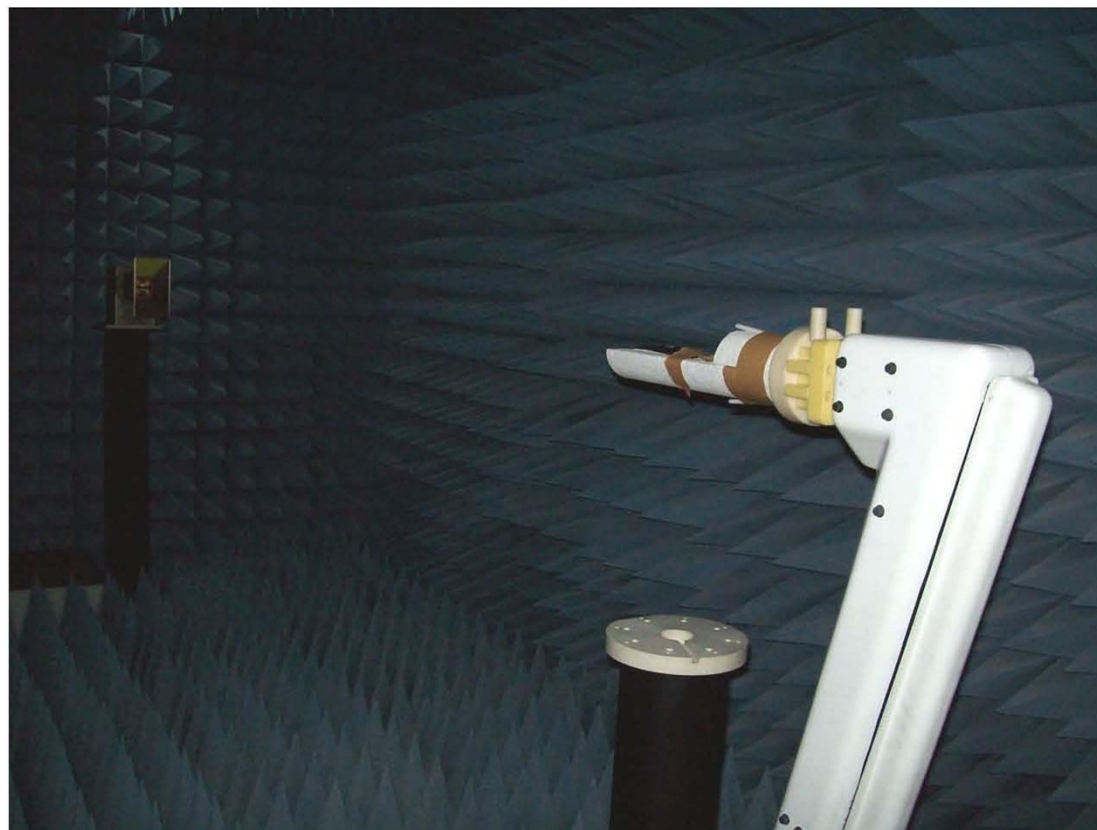
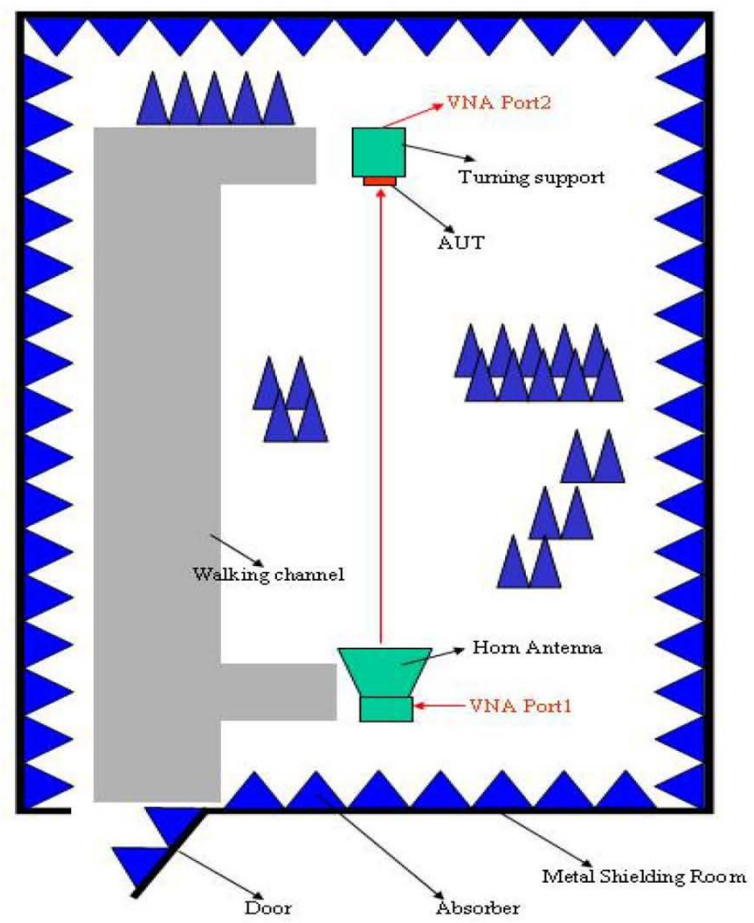
Antenna Layout & module on the system board



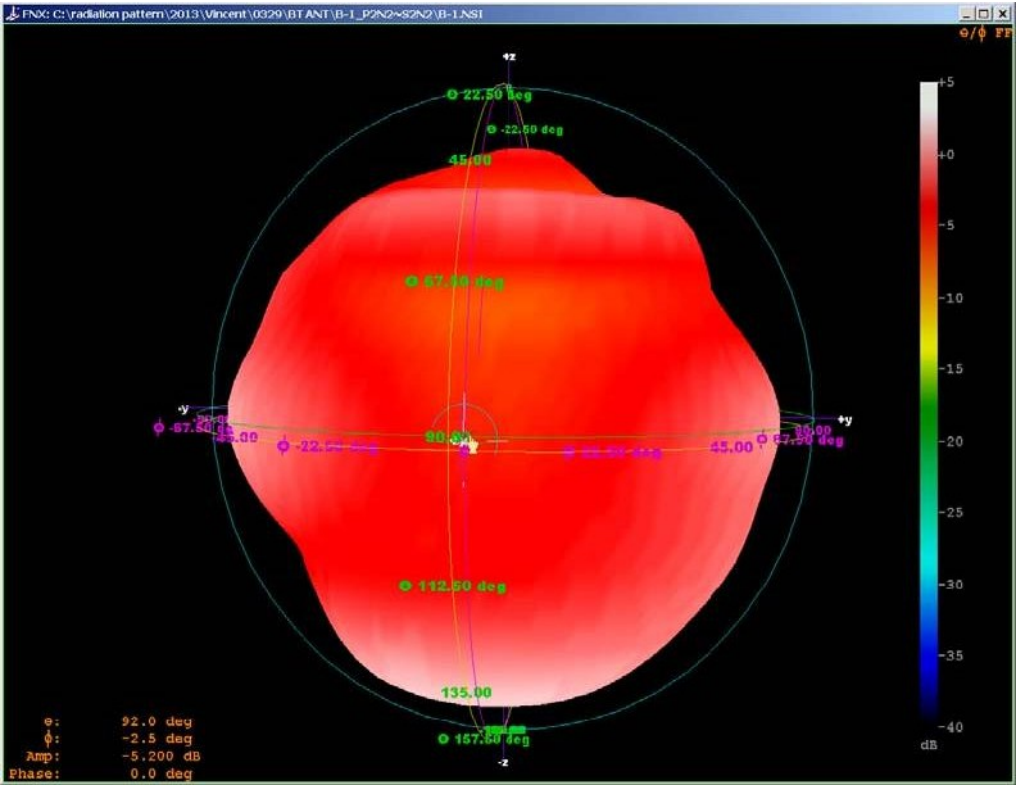
Antenna Gain

Unit in dBi @2.44GHz	XY-plane		XZ-plane		YZ-plane		Efficiency
	Peak	Avg.	Peak	Avg.	Peak	Avg.	
Module Board	1.3	-0.5	1.7	-3.8	1.1	-3.0	58.5%



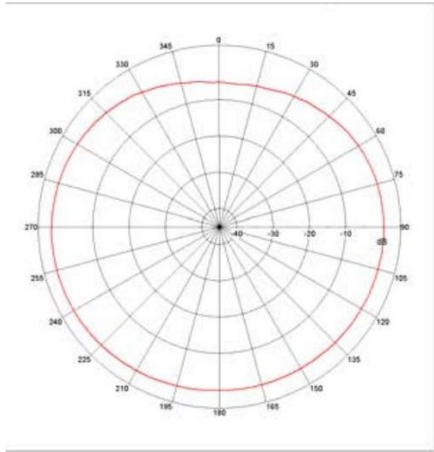


The Environment of Antenna Radiation Pattern



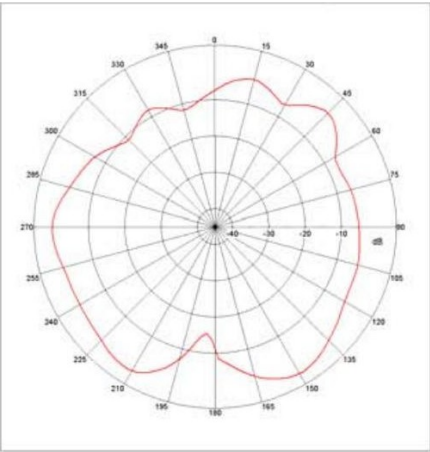
3D radiation pattern diagram

Far-field power Distribution(H+V)on Y-X Plane
Plot peak Gain(H+V)=1.35dbi;plot AvgGain(H+V)=-0dbi@2.44000GHz



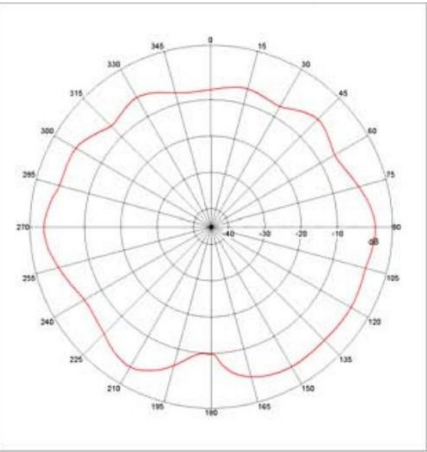
XY-plane

Far-field power Distribution(H+V)on X-Z Plane
Plot peak Gain(H+V)=1.68dbi;plot AvgGain(H+V)=-3.83dbi@2.44000GHz



XZ-plane

Far-field power Distribution(H+V)on Y-Z Plane
Plot peak Gain(H+V)=1.11dbi;plot AvgGain(H+V)=-2.99dbi@2.44000GHz



YZ-plane