

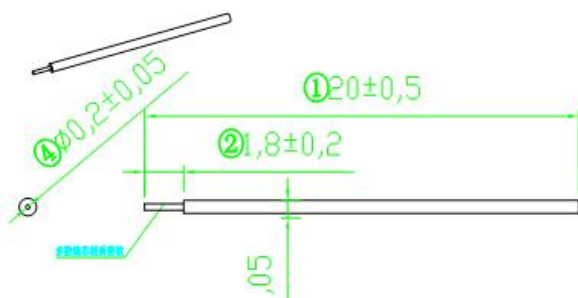
Product specification

QuickReferenceDate

	Antenna module on the system board	
Frequenc Range	2400 ~ 2500GHz	
Ant. Port Input Pwr.(dBm)	0 (Typ. BT class 2outputpower)	
Tot. Rad. Pwr.(dBm)	-1.2 (Input pwr – loss pwr)	
Peak EIRP(dBm)	1.2	
Directivity (dBi)	1 (alldirectionantenna)	
Efficiency (dB)	60.2%	
Gain(dBi)	1.2 (AvgGain 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 aresubject tochange without prior notice

Antenna Layout & module on thesystemboard

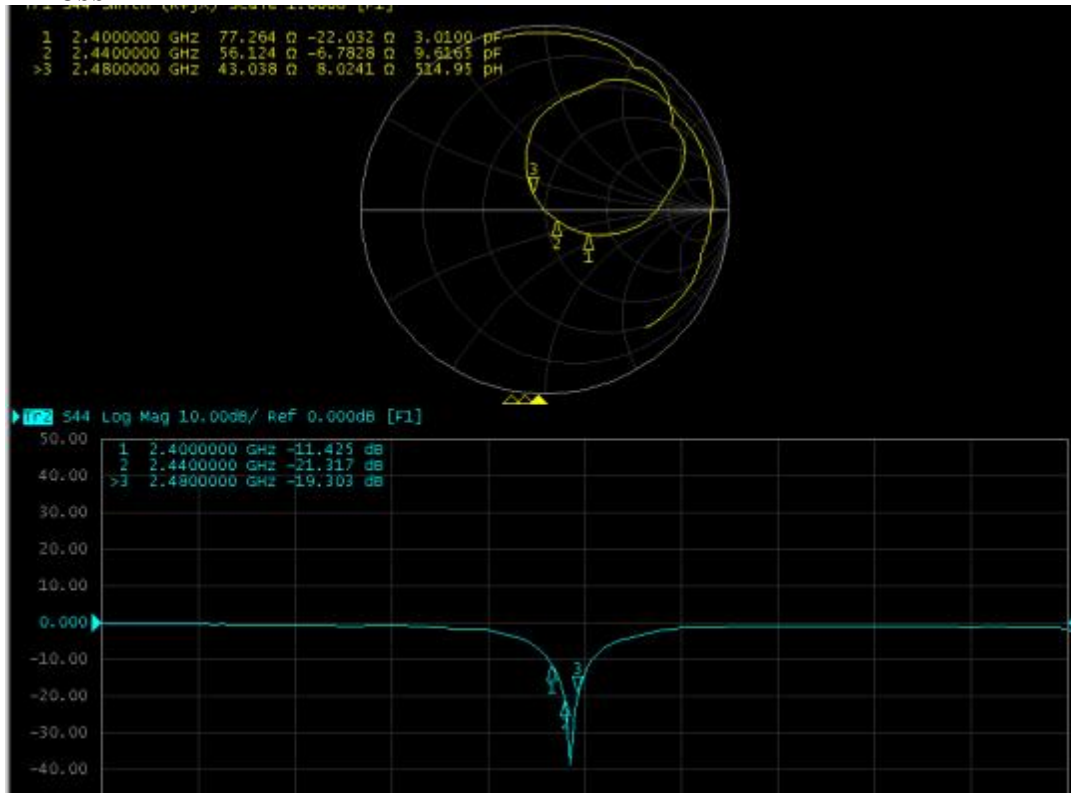


Antenna Gain

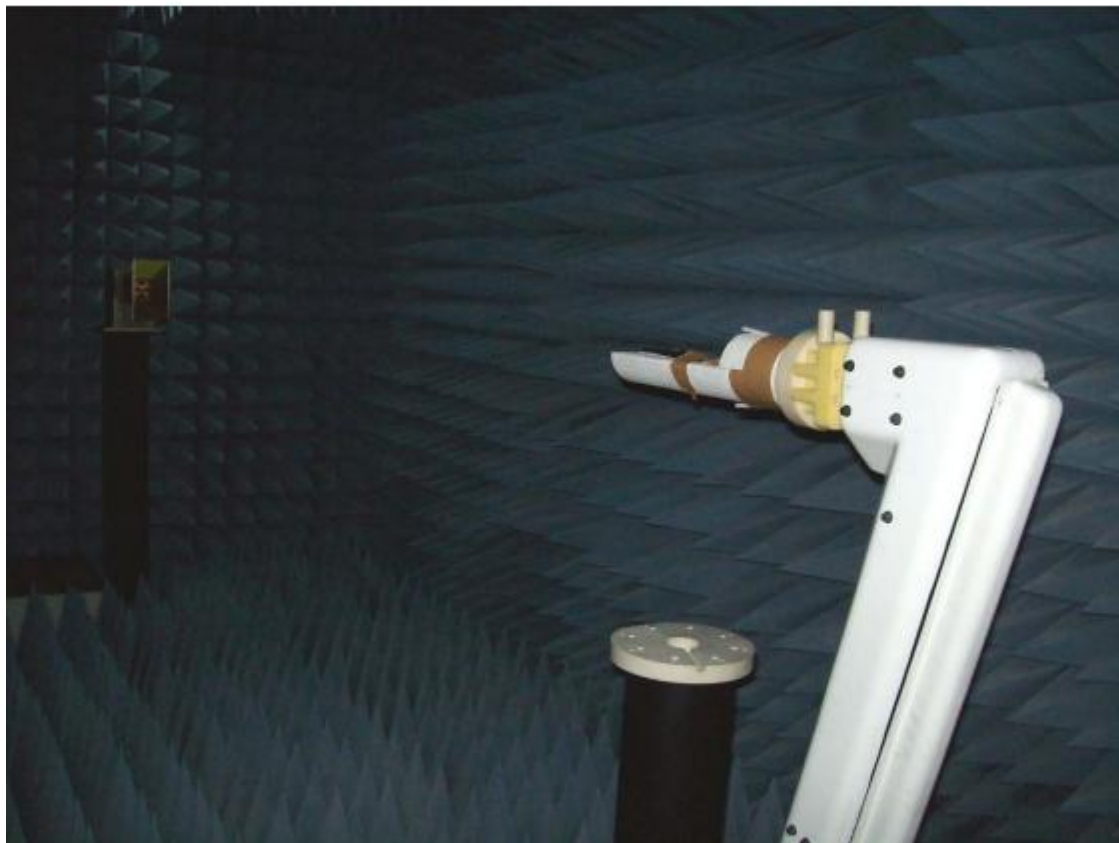
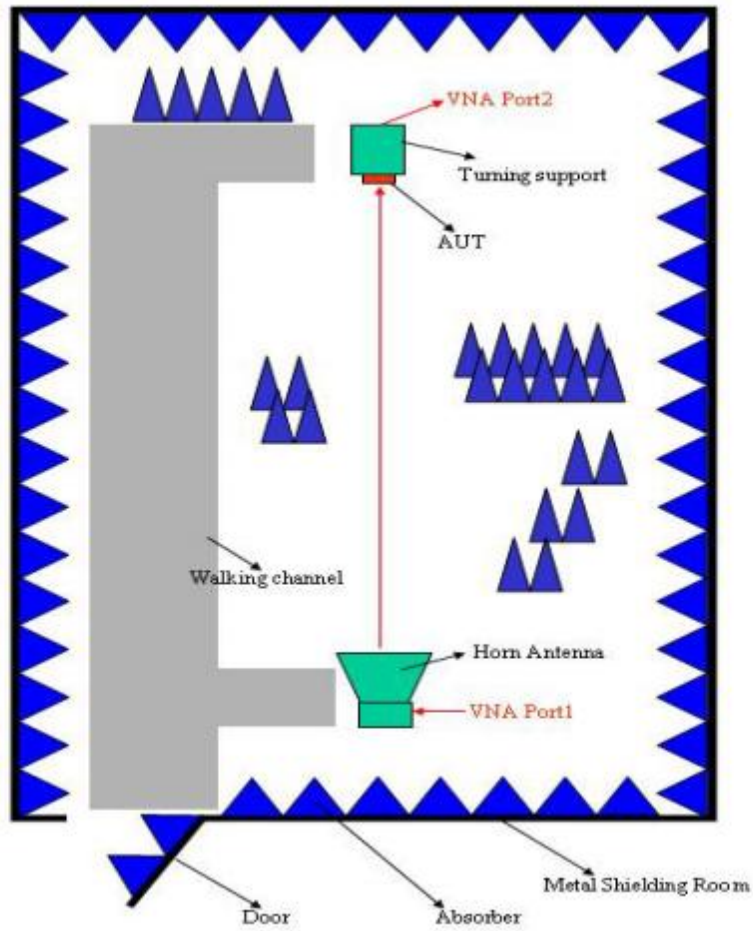
Gain Table

UnitindBi@2.44GHz	XY-plane		XZ-plane		YZ-plane		Efficiency
	Peak	Avg.	Peak	Avg.	Peak	Avg.	
Module Board	1.2	-0.5	0.9	-3.6	1.1	-3.0	60.2%

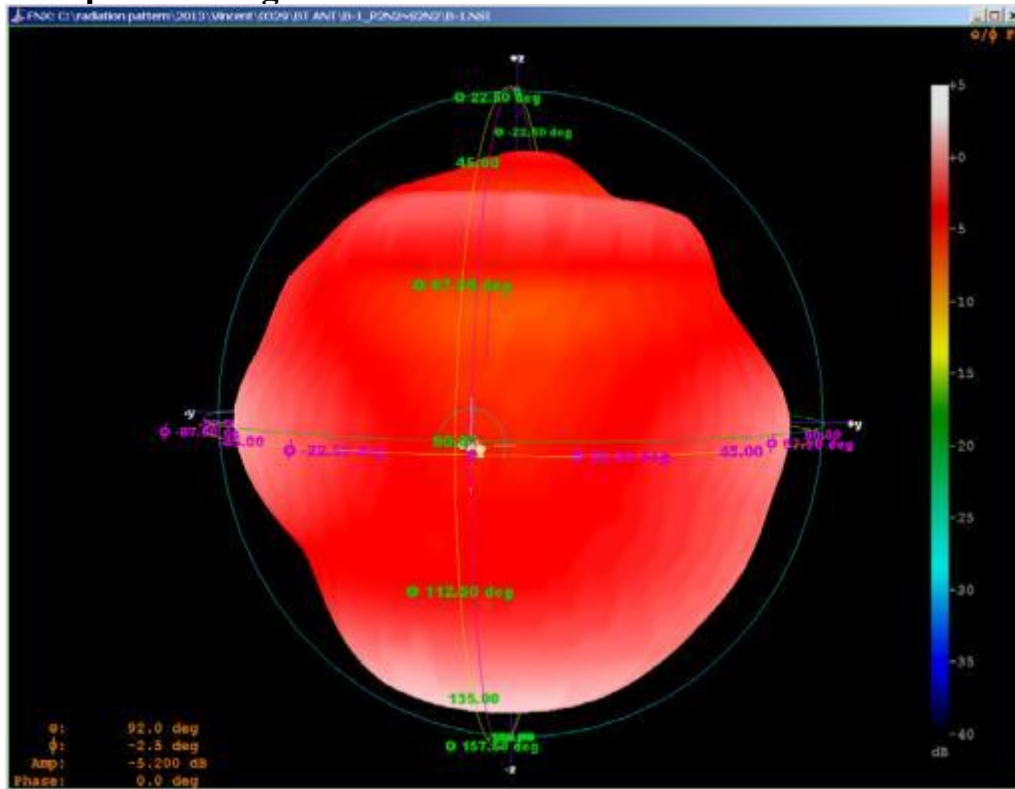
Return Loss



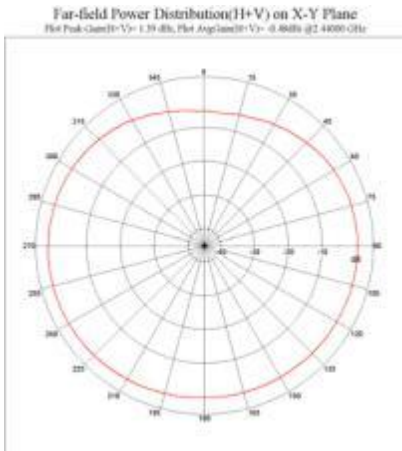
The Environment of Antenna Radiation Pattern



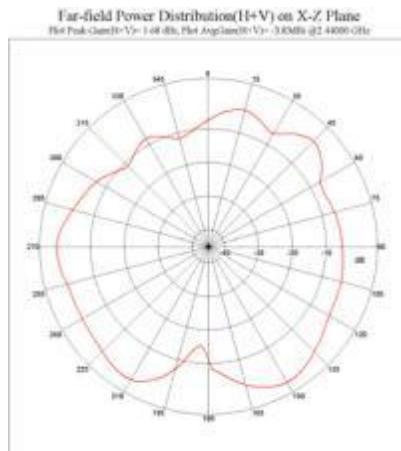
3D radiation pattern diagram



XY-plane



XZ-plane



YZ-plane

