

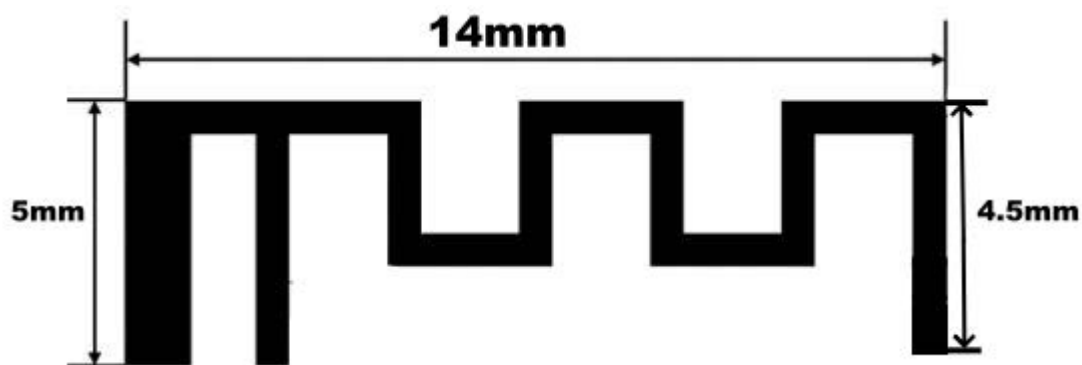
Product specification

Quick Reference Date

	Antenna module on the system board	
Frequenc Range	2400 ~ 2500GHz	
Ant. Port Input Pwr. (dBm)	0 (Typ. BT class 2 output power)	
Tot. Rad. Pwr. (dBm)	-1.2 (Input pwr – loss pwr)	
Peak EIRP(dBm)	1.2	
Directivity (dBi)	1 (all direction antenna)	
Efficiency (dB)	60.2 %	
Gain (dBi)	2.00	
Maximum Power (dBm)	2.00	
Minimum Power (dBm)	-3.83	
Avg. Power (dBm)	-0.48	
Input Impendence(ohm)	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

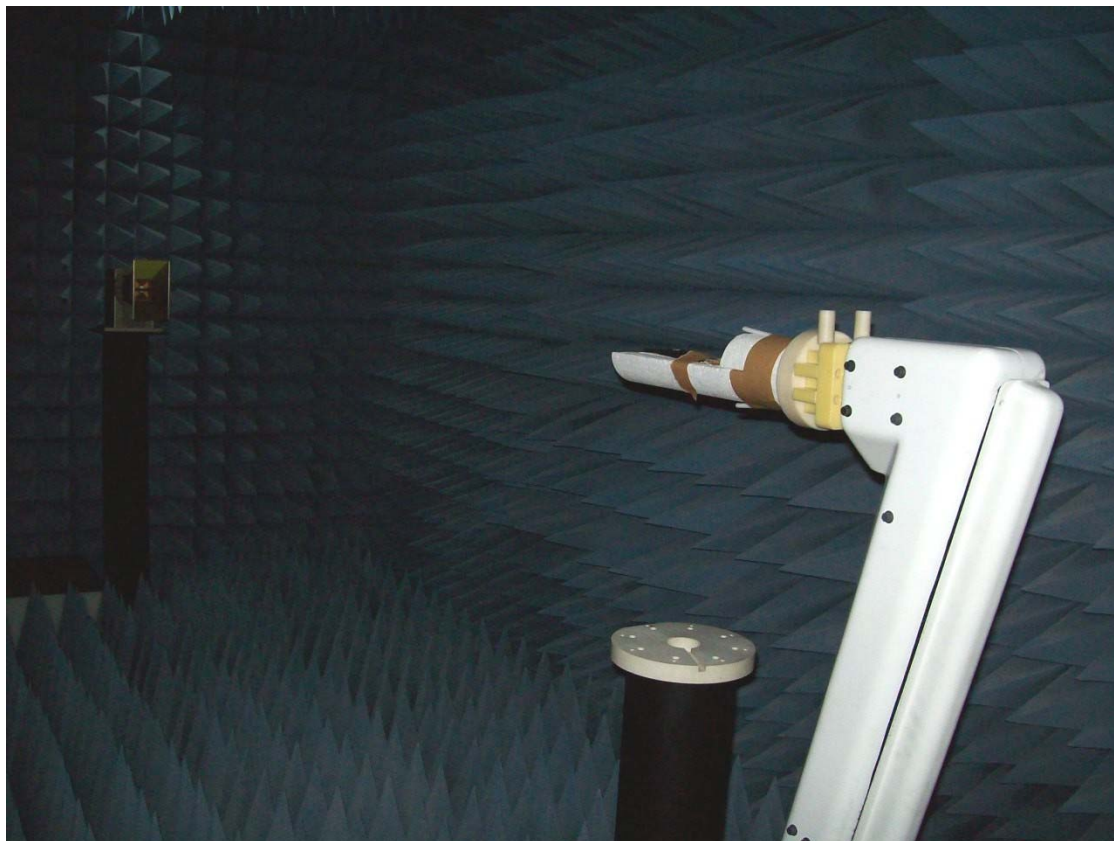
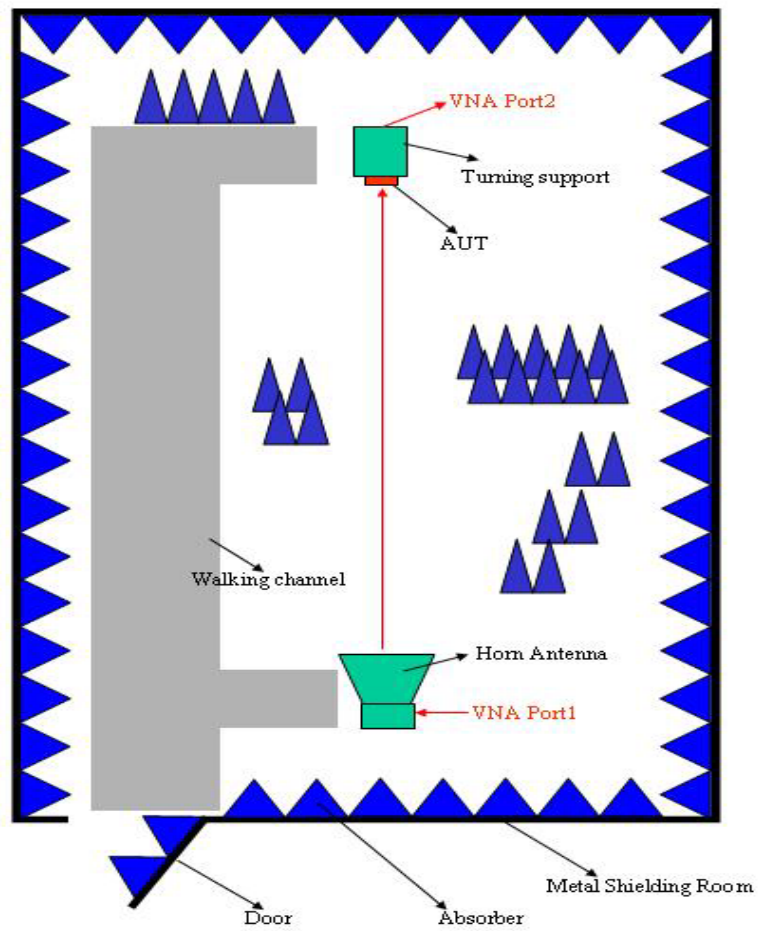
Gain Table

Frequency band	2400MHz		2450MHz		2500MHz		
	Peak	Avg.	Peak	Avg.	Peak	Avg.	
Module Board	1.60	-0.48	2.00	-3.83	1.90	-2.99	60.2 %

Return Loss

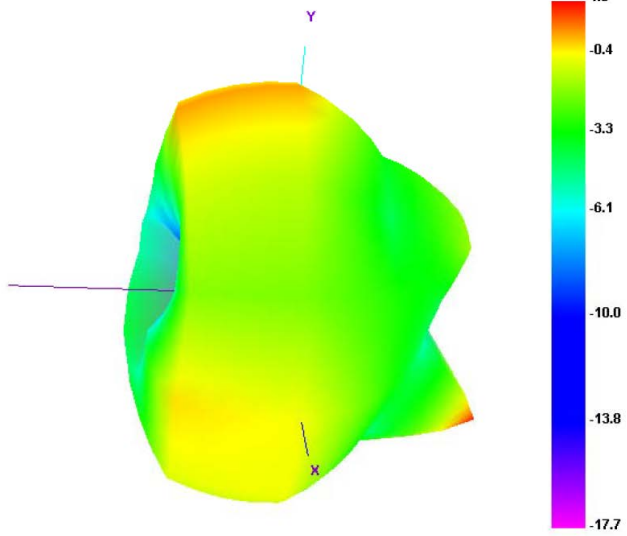


The Environment of Antenna Radiation Pattern

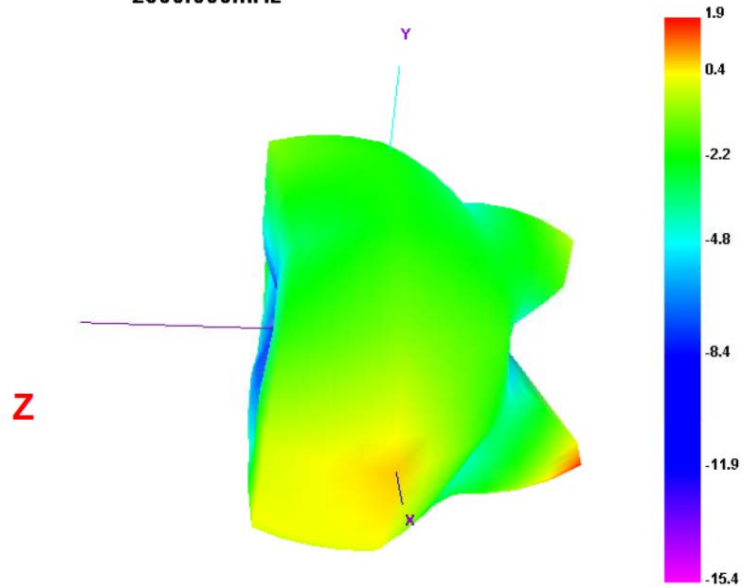


3D Test Pattern

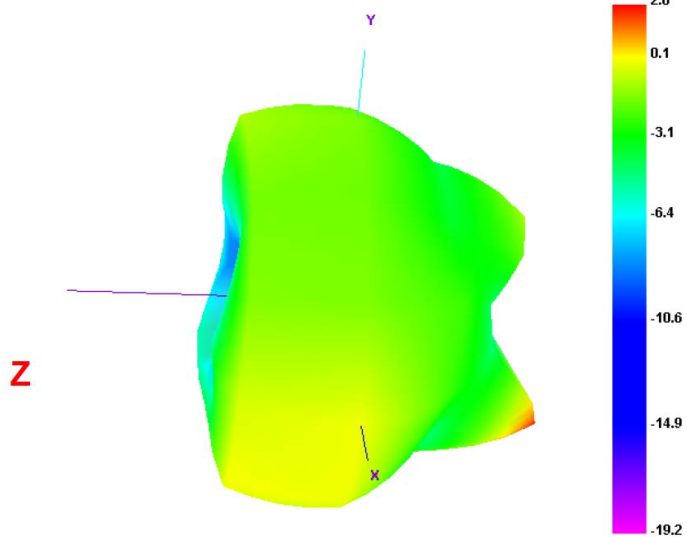
2400.000MHz



2500.000MHz



2450.000MHz



EUT Photo

