

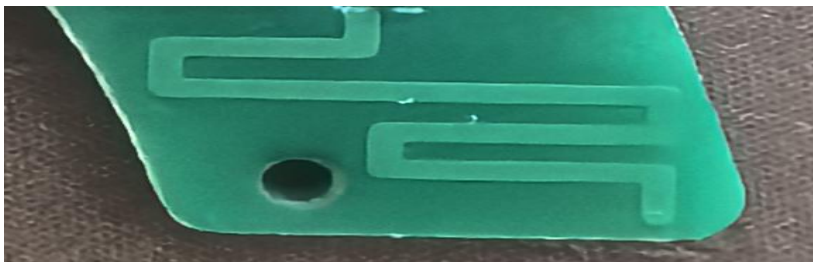
Product specification

Quick Reference Date

	Antenna module on the system board	
Frequenc Range	2400 ~ 2484MHz	
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)		
Directivity (dBi)	2.69(all direction antenna)	
Efficiency (dB)	30.88%	
Minimum Power)	-4(XY-plane)	
Avg. Power (dBm)	-0.5(XY-plane)	
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

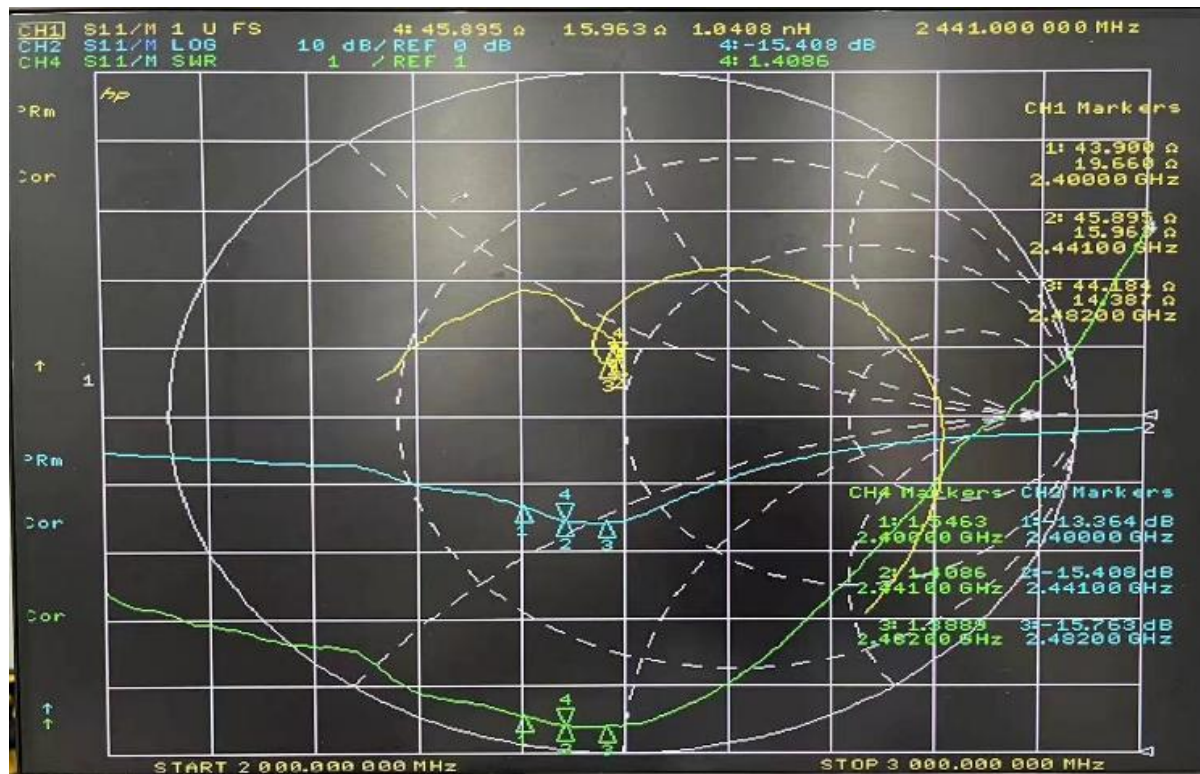
Antenna Layout & module on the system board



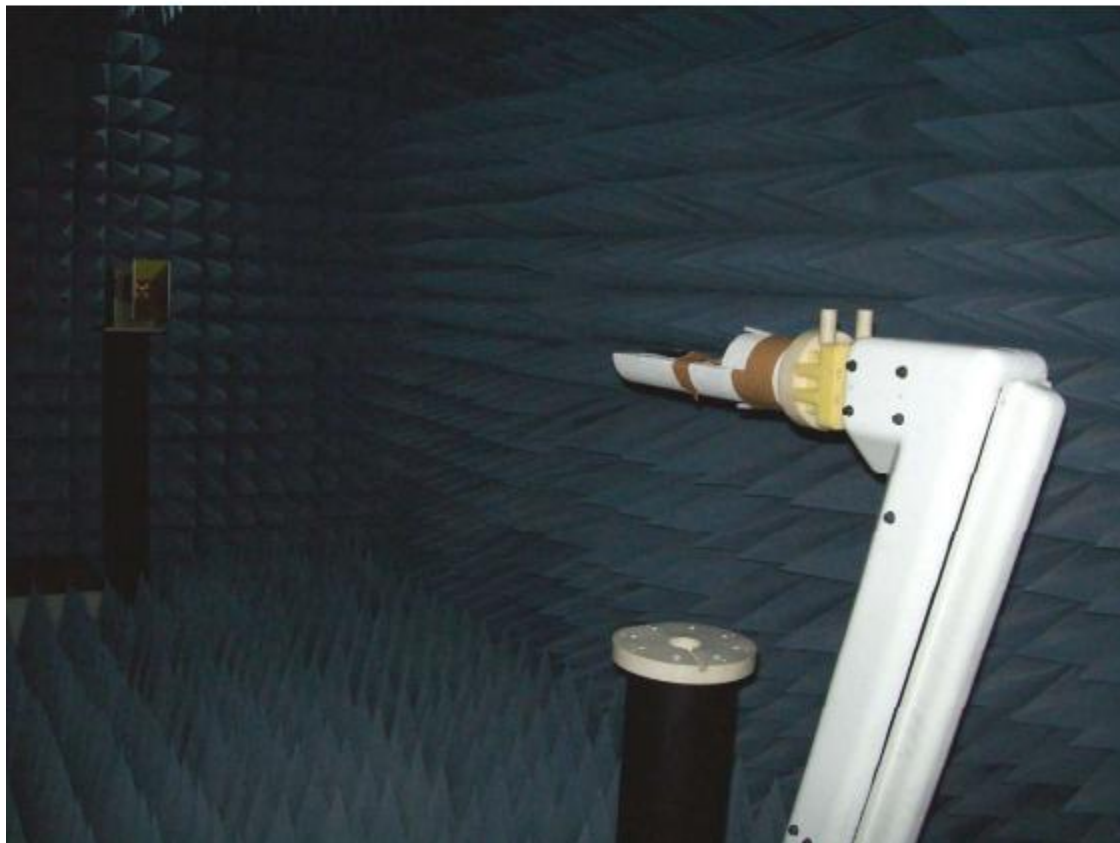
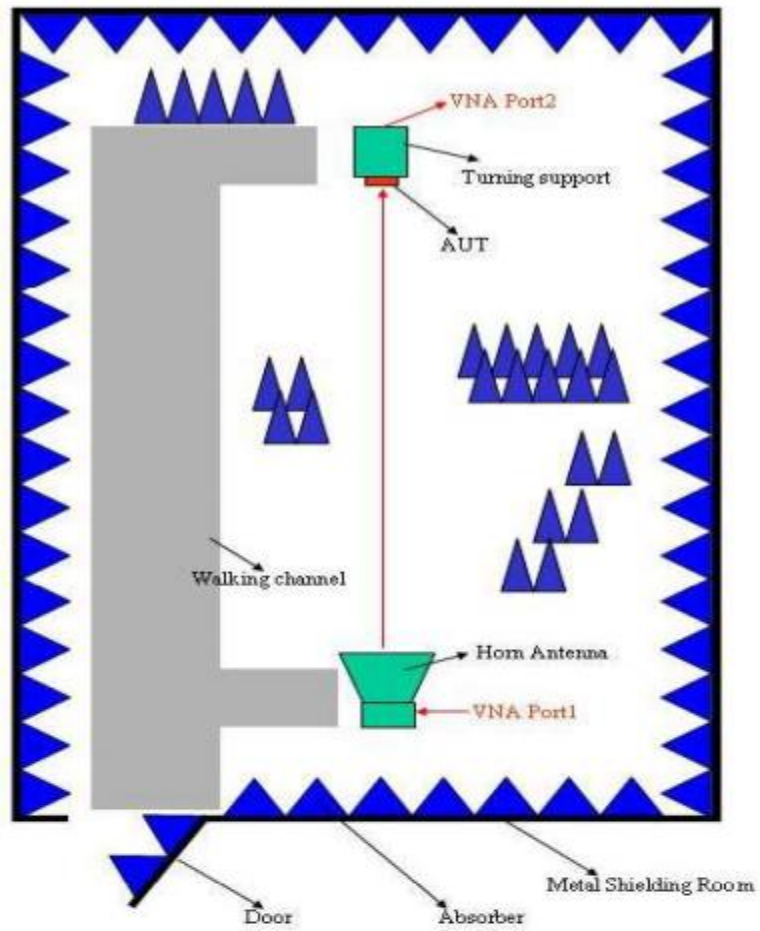
Antenna Gain

Frequency	Effic	Percen	Gain
2400	-8.16	15.28%	-1.06
2410	-7.72	16.89%	-1
2420	-7.14	19.31%	-0.87
2430	-6.9	20.43%	-0.85
2440	-7.06	19.69%	-0.55
2450	-6.9	20.42%	-0.35
2460	-7.03	19.81%	-0.08
2470	-7.12	19.43%	0.04
2480	-7.22	18.95%	-0.19

Return Loss



The Environment of Antenna Radiation Pattern



3D radiation pattern diagram

