

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)		
Directivity (dBi)	2.39(all direction antenna)	
Efficiency (dB)	20.94%	
Gain (dBi)	-0.6	
Maximum Power (dBm)	8.41	
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

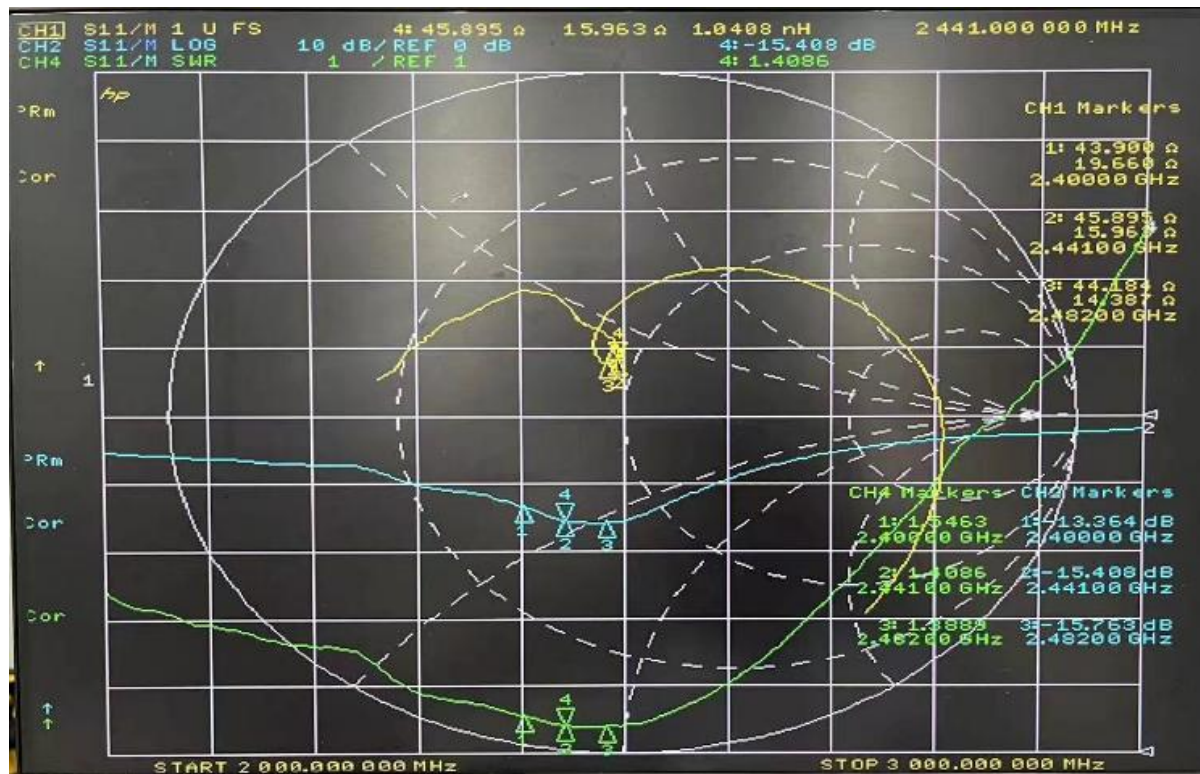
Antenna Layout & module on the system board



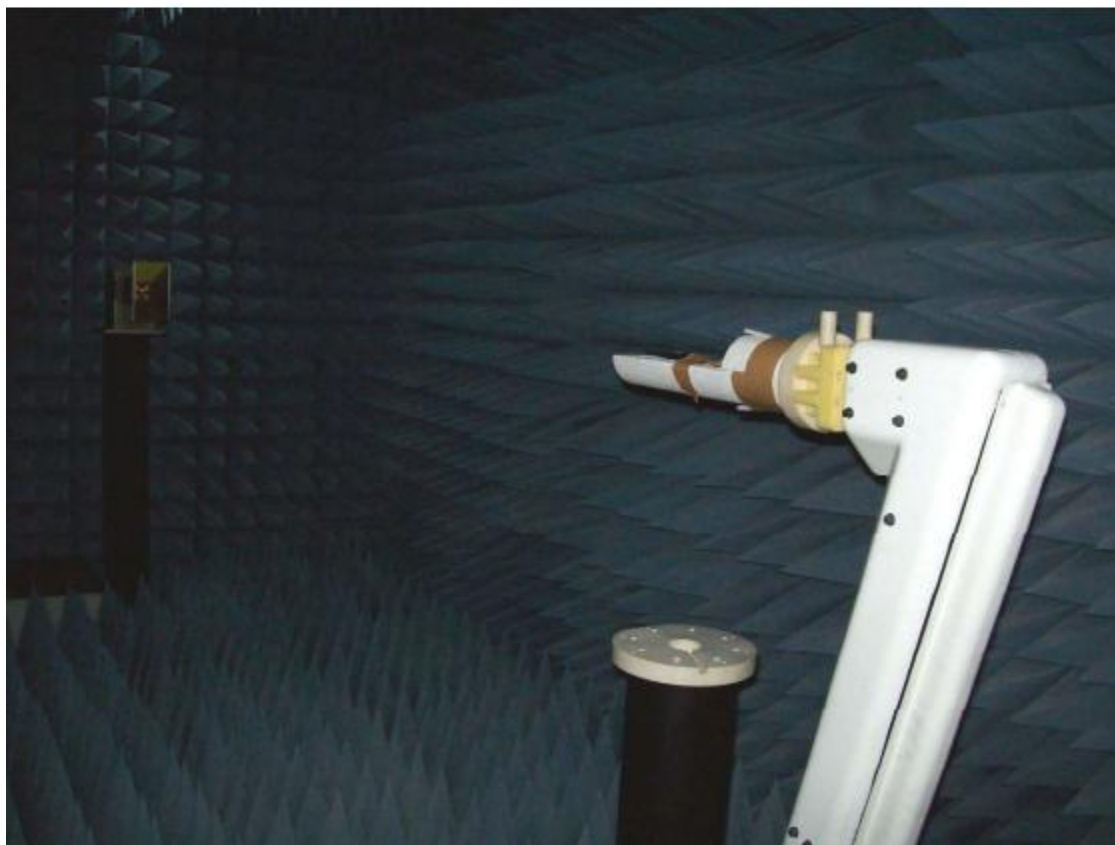
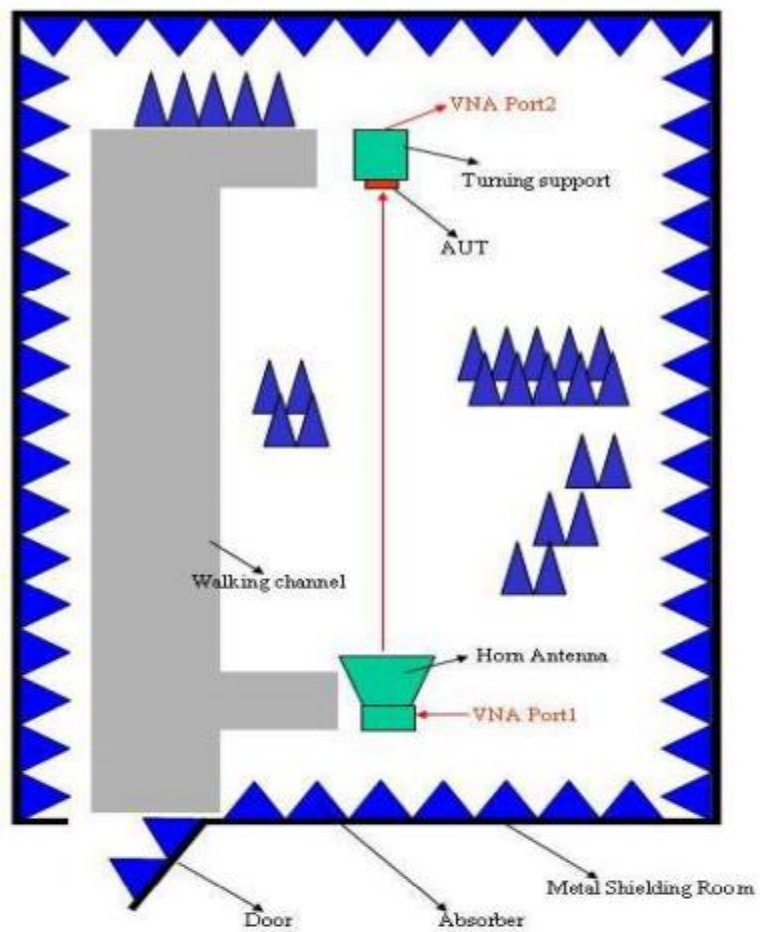
Frequency	Efficiency	percentage	Gain
2400	-6.97	20.08%	-0.6
2410	-6.87	20.55%	-0.71
2420	-6.79	20.94%	-0.67
2430	-7.15	19.26%	-1.45
2440	-7.75	16.78%	-1.9
2450	-8.19	15.15%	-2.39
2460	-8.71	13.46%	-3.27
2470	-9.29	11.79%	-3.59
2480	-9.4	11.47%	-3.78

Antenna Gain

Return Loss



The Environment of Antenna Radiation Pattern



3D radiation pattern diagram

