

Antenna Specification

Quick Reference Data

	Antenna module on the system board	
Antenna type	PCB	
Frequency	2.45GHz*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)	1.3	
Directivity (dBi)	1 (all direction antenna)	
Efficiency (dB)	-2.3 (58.5%)	
Gain (dBi)	1.68(Peak Gain XY-plane)	
Manufacturer	Huizhou Haomuk Technology Co., Ltd	
Model	AESEM1	

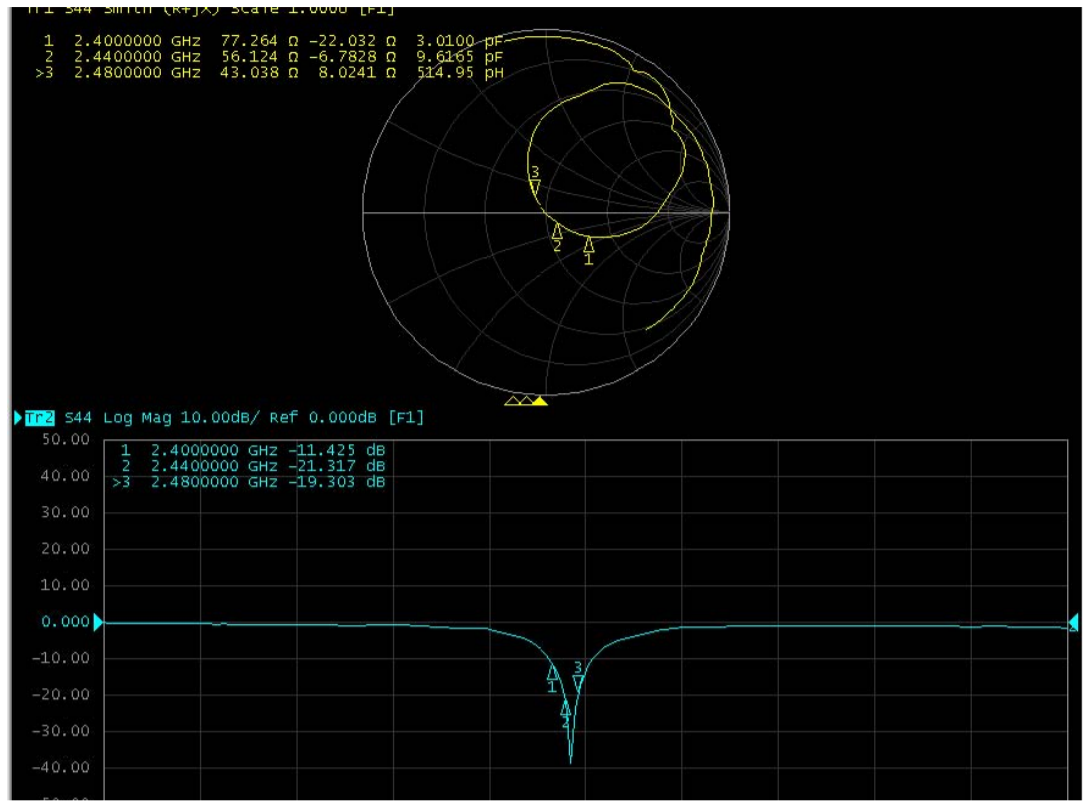
All the technical data and information contained herein are subject to change without prior notice

Antenna Layout & module on the system board

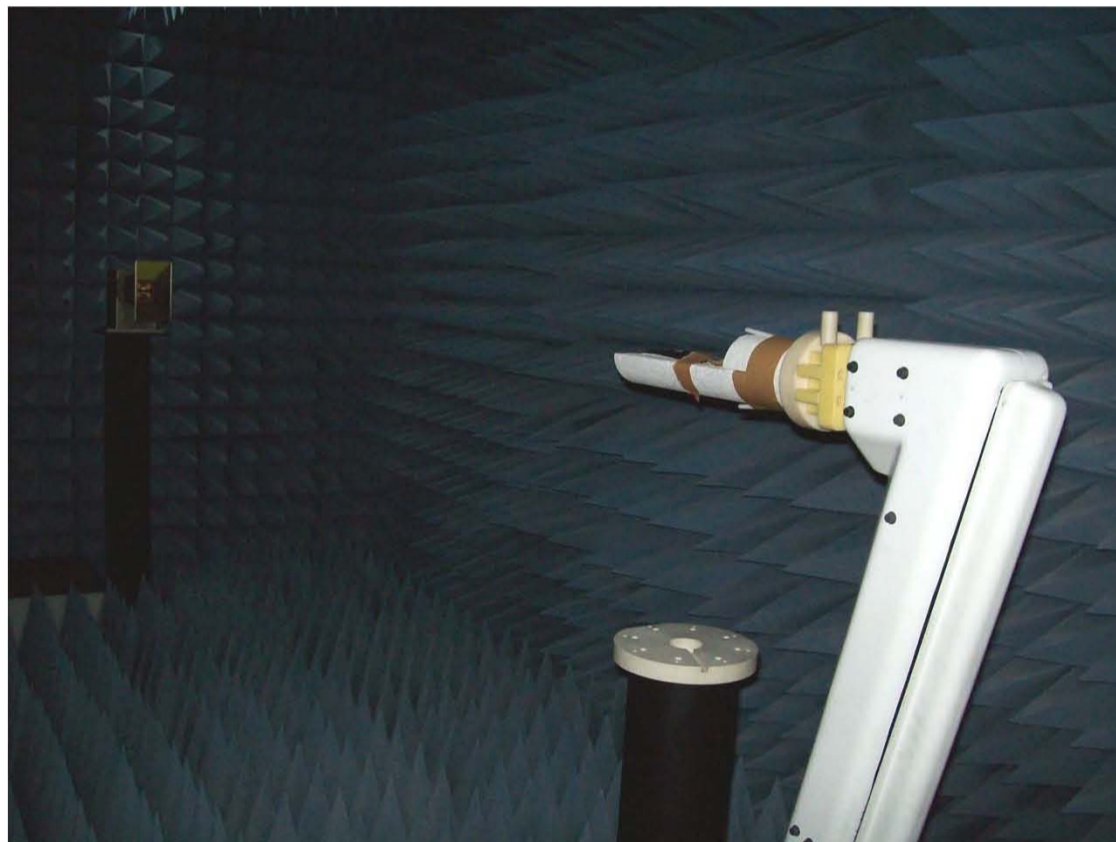
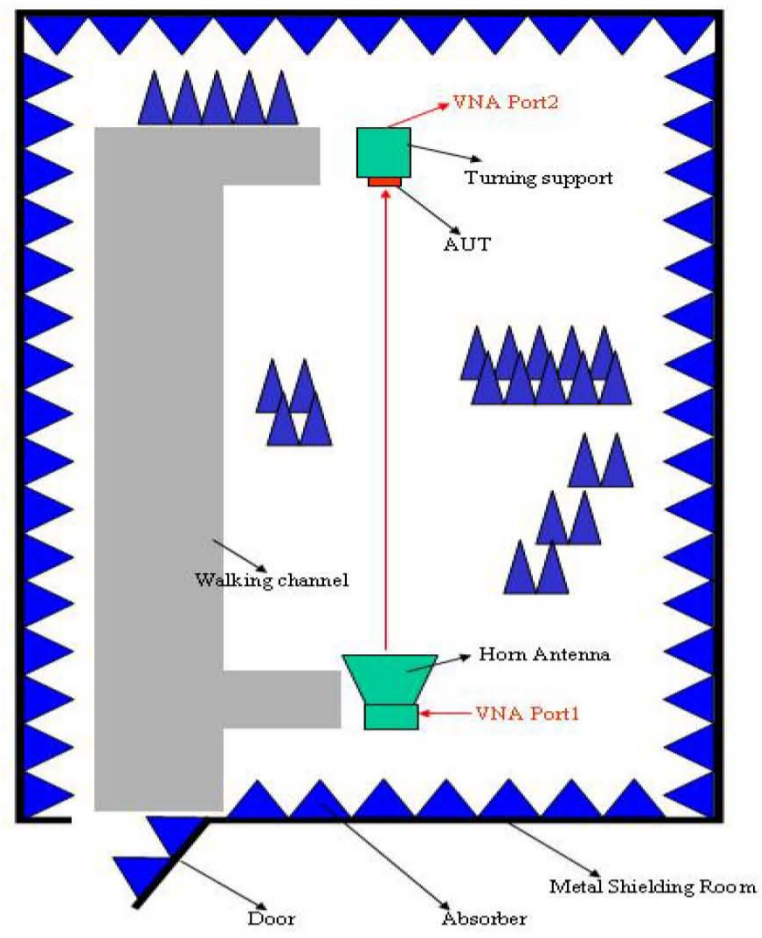


Antenna Gain

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	73.28	-1.35	1.59
2450	65.79	-1.82	1.68
2500	66.25	-1.79	1.19



Return Loss



The Environment of Antenna Radiation Pattern

3D radiation pattern diagram

