

Product specification

Quick Reference Date

	Antenna module on the system board	
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)	-0.58(Peak Gain XY-plane)	
Maximum Power (dBm)	1.3 (XY-plane)	
Minimum Power (dBm)	-4(XY-plane)	
Avg. Power (dBm)	-0.5(XY-plane)	
Max/Min Ratio (dB)	5.3(XY-plane)	
Max/Avg Ratio (dB)	1.8(XY-plane)	
Min/Avg Ratio (dB)	-3.5(XY-plane)	
Average Gain (dB)	-0.5 (Avg Gain XY-plane)	

Manufacturer:SS Enterprise International Limited
Office B, 23rd Floor, Tower A, Capital Tower, No.38 Wai Yip Street, Kowloon Bay, Hong Kong, China

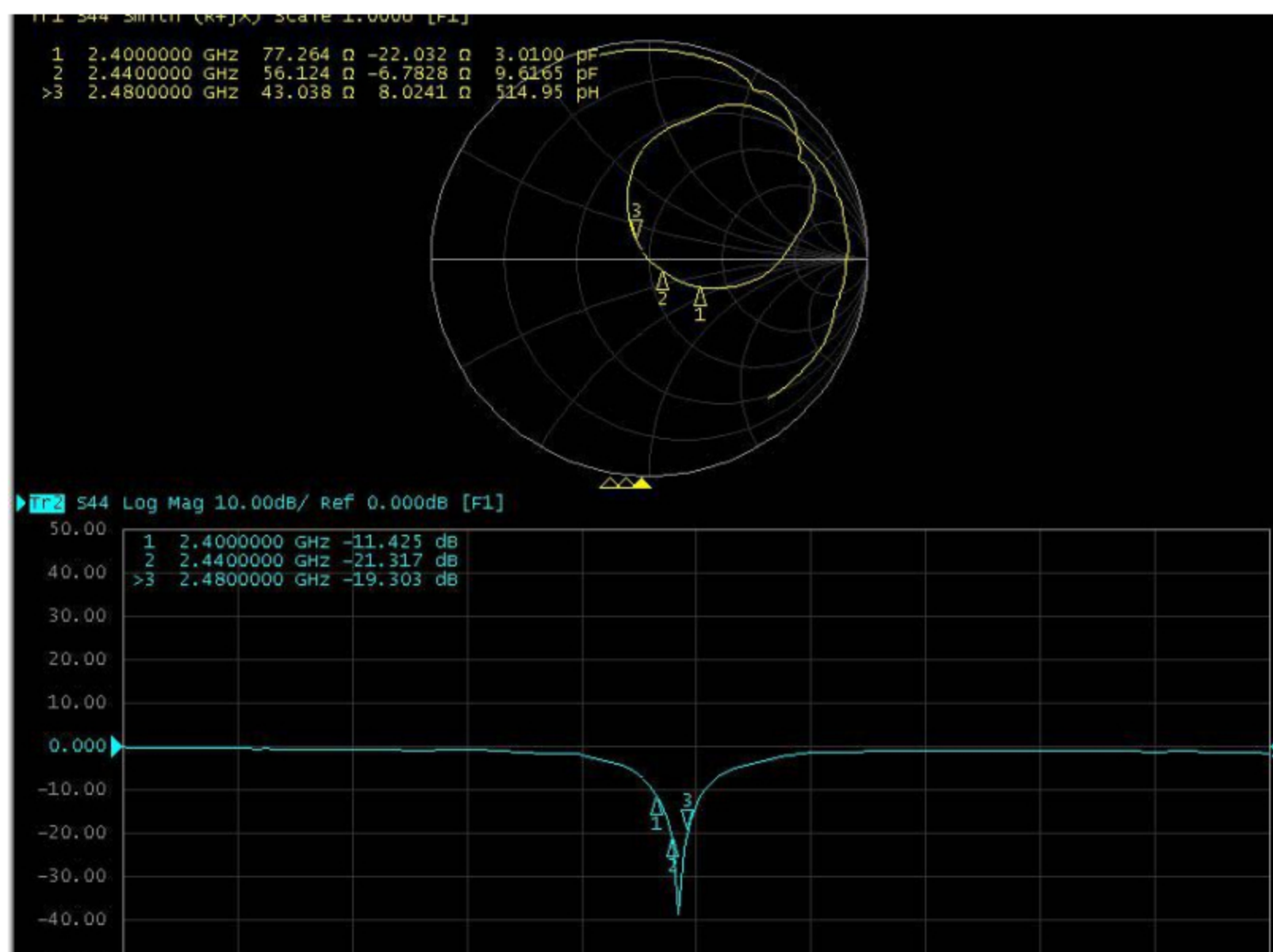
All the technical data and information contained herein are subject to change without prior notice

Antenna Layout & module on the system board

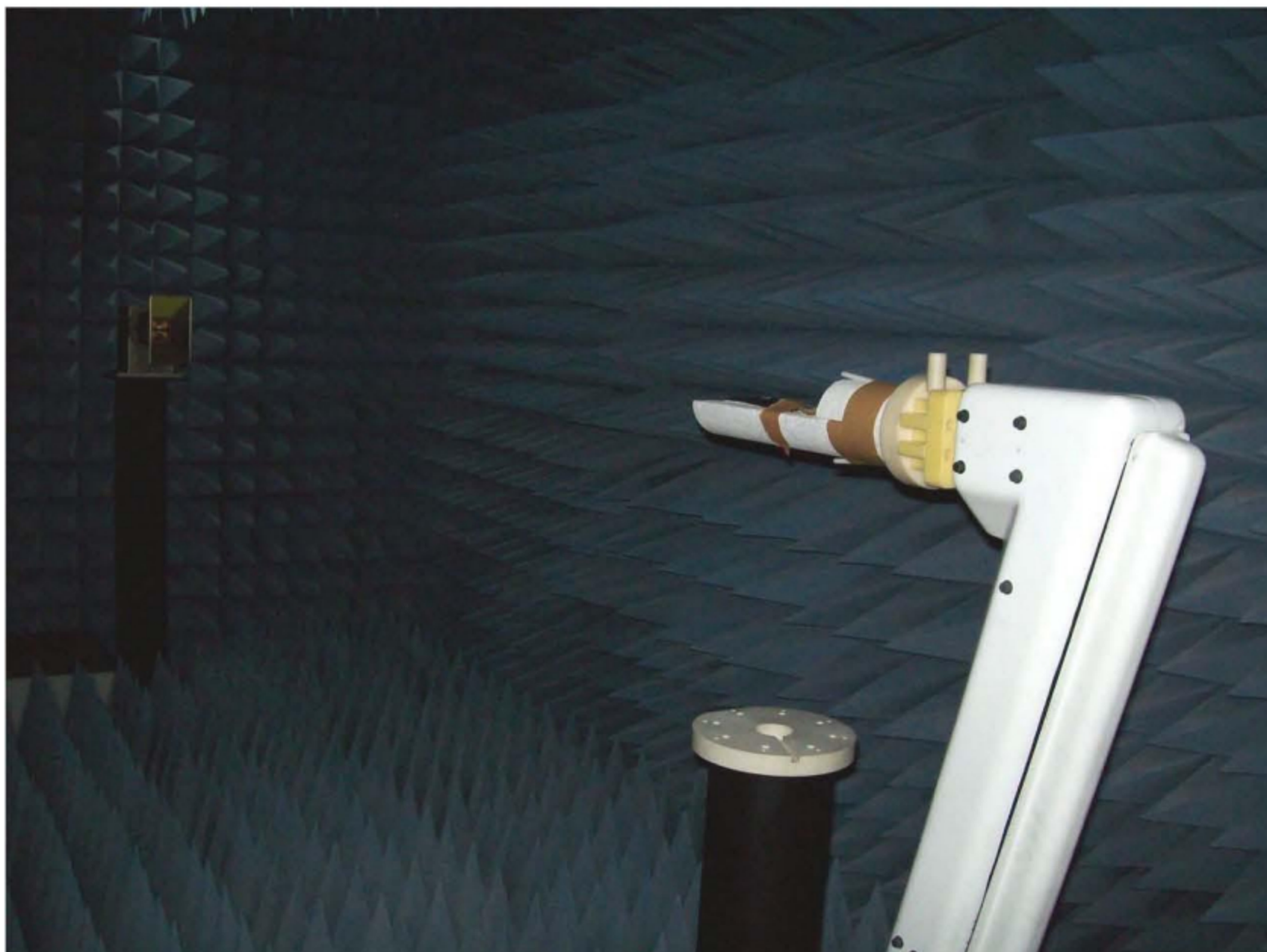
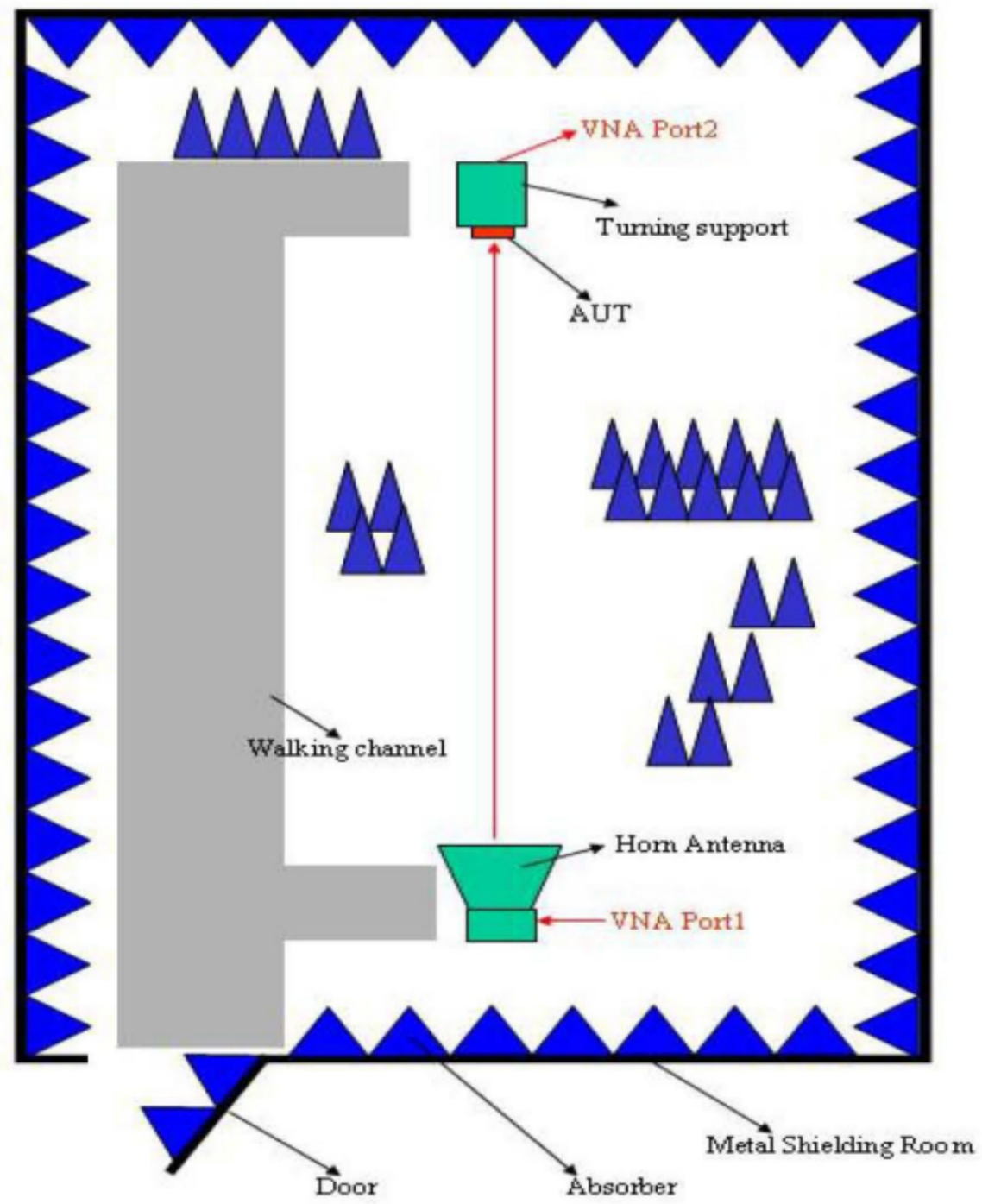


**Antenna Gain
Gain Table**

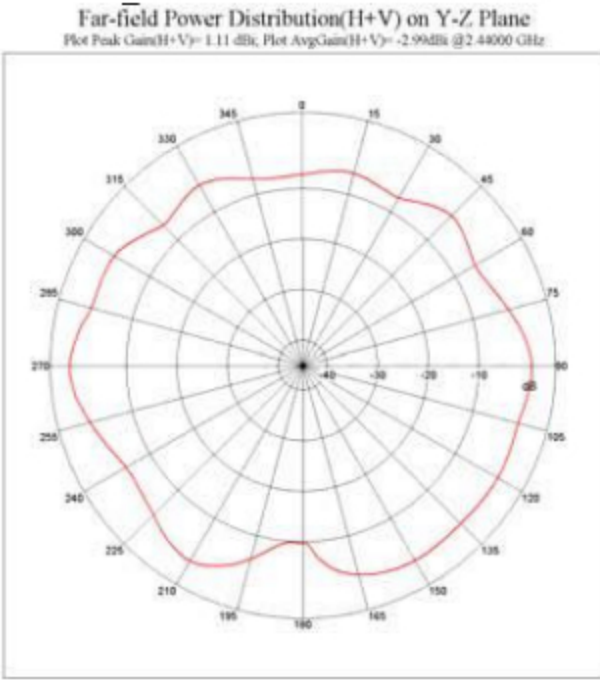
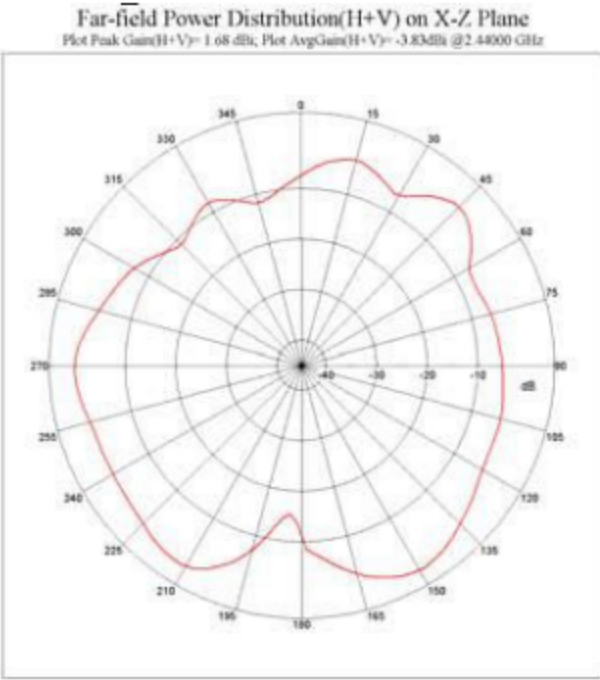
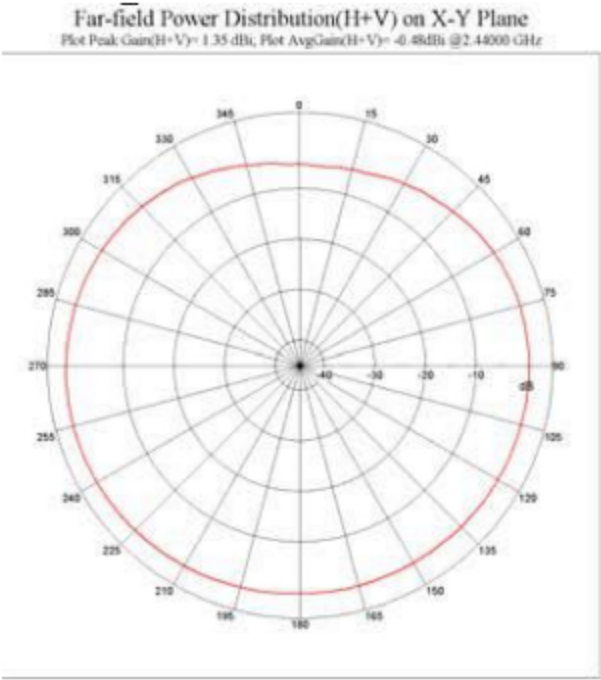
Unit in dBi @2.44GHz	XY-plane		XZ-plane		YZ-plane		Efficiency
	Peak	Avg.	Peak	Avg.	Peak	Avg.	
Module Board	-1.3	-3.5	-0.58	-2.8	-1.1	-3.0	58.5%



Return Loss



The Environment of Antenna Radiation Pattern



XY-plane XZ-plane YZ-plane
2440MHz