

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)	1.3 (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)	

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

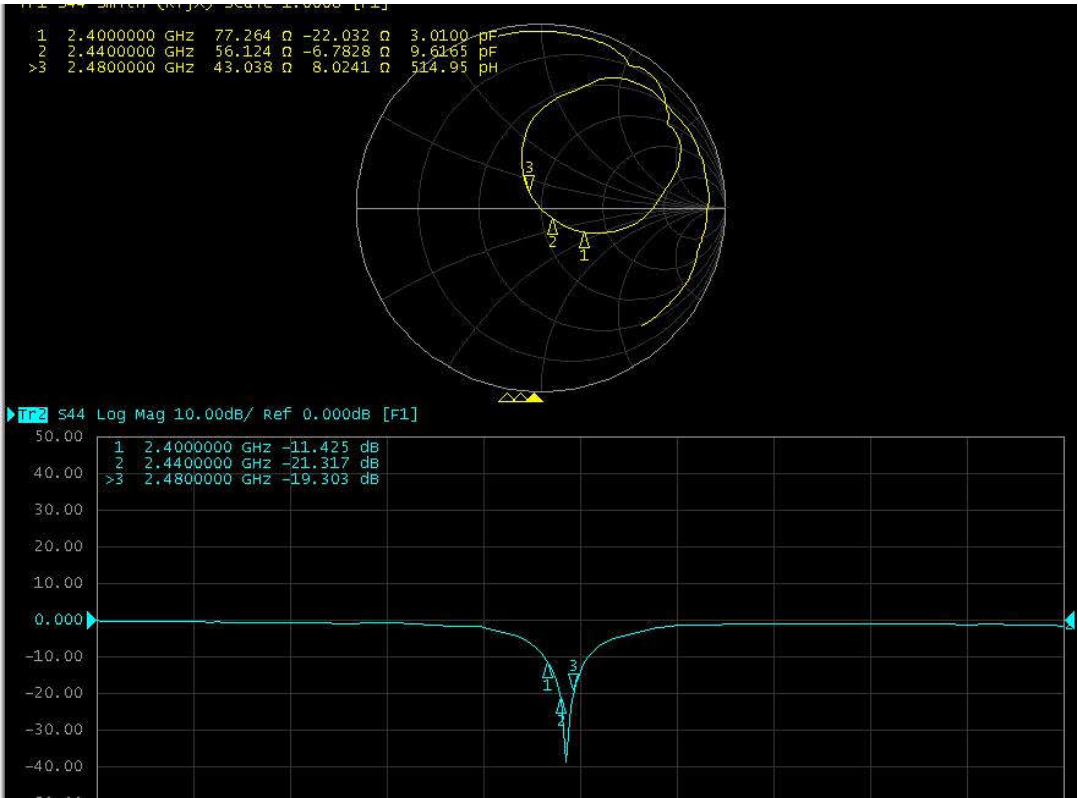
Antenna Layout & module on the system board



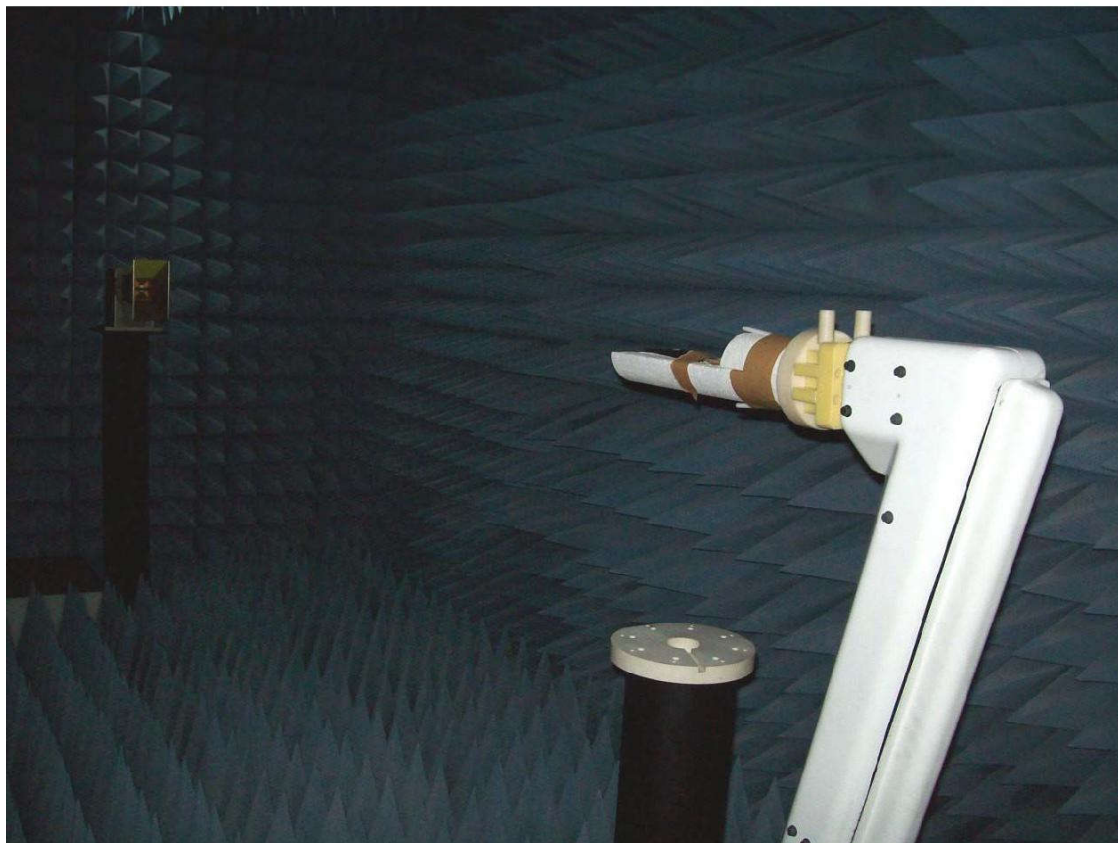
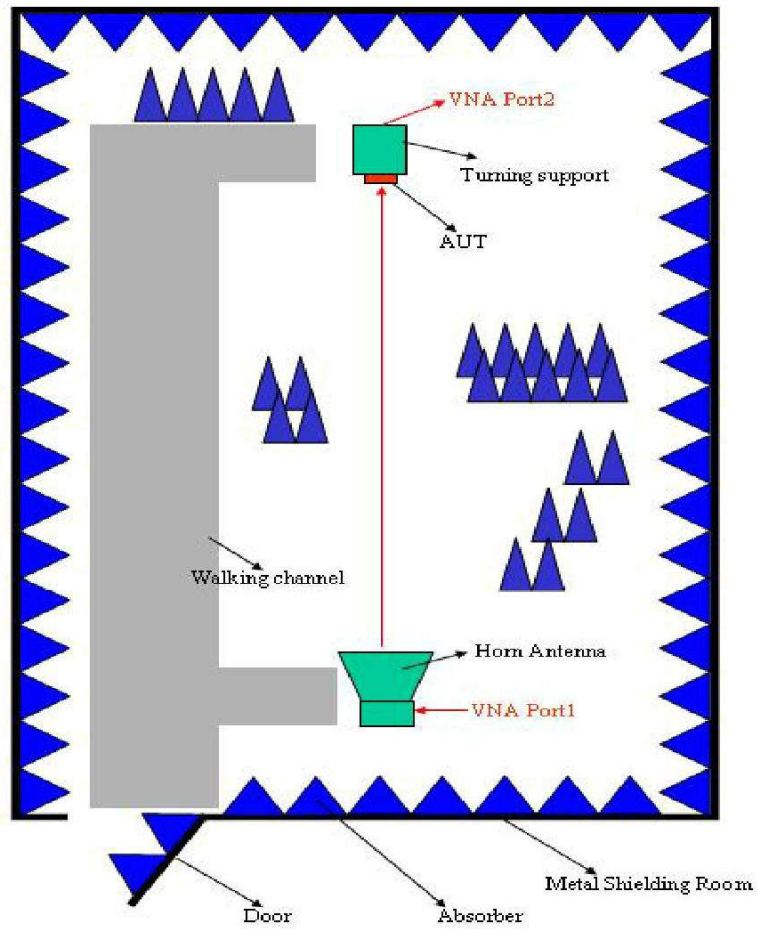
Manufacturer

Shenzhen Kangdaxing Electronic Technology Co.Ltd.
4th Floor, Dongshan Workshop, Block A, Huadi No.1 Science Park, Sanwei, Xixiang Subdistrict,
Shenzhen City, Guangdong Province, P.R.China

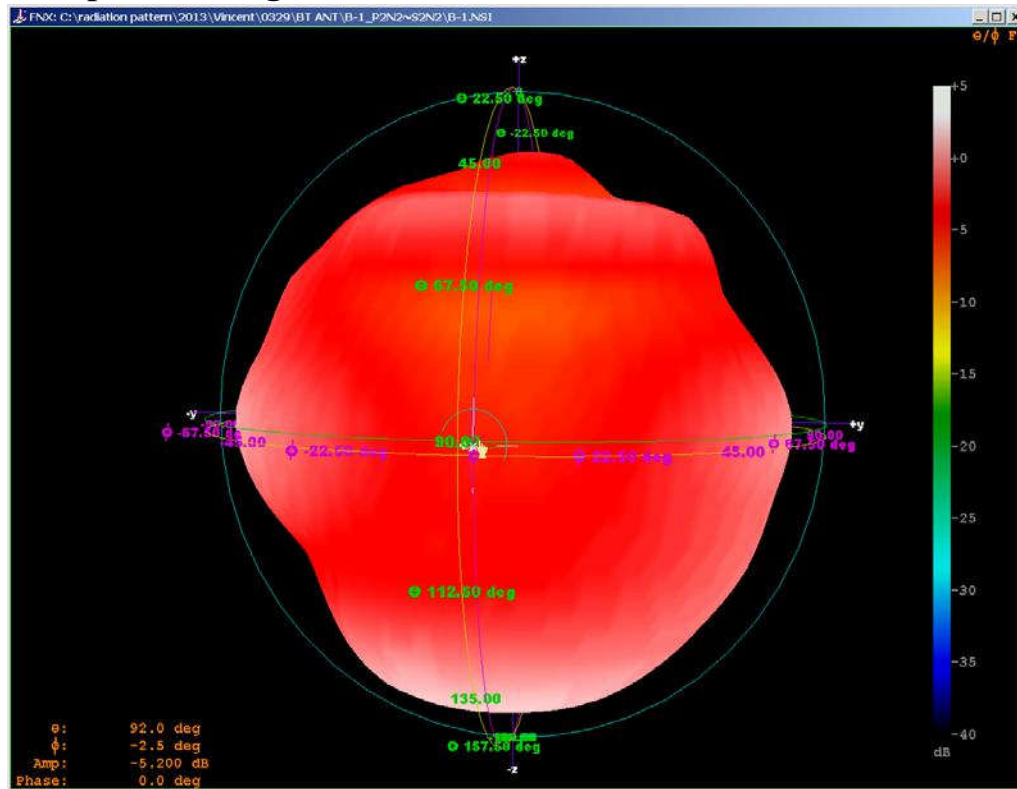
Return Loss



The Environment of Antenna Radiation Pattern



3D radiation pattern diagram



XY-plane

XZ-plane

YZ-plane