

Product specification

Manufacturer:Foshan Shunke Electronics Co., LTD

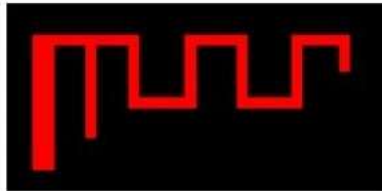
Adress of Manufacturer:No. 15-6, Chuangye Road, Sanhongqi community, Beijiao Town, Foshan, Guangdong, China

Quick Reference Data

	Antenna module on the system board	
Antenna type	PCB	
Frequency	2.402—2480MHZ	
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)	1.7(Peak Gain XZ-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

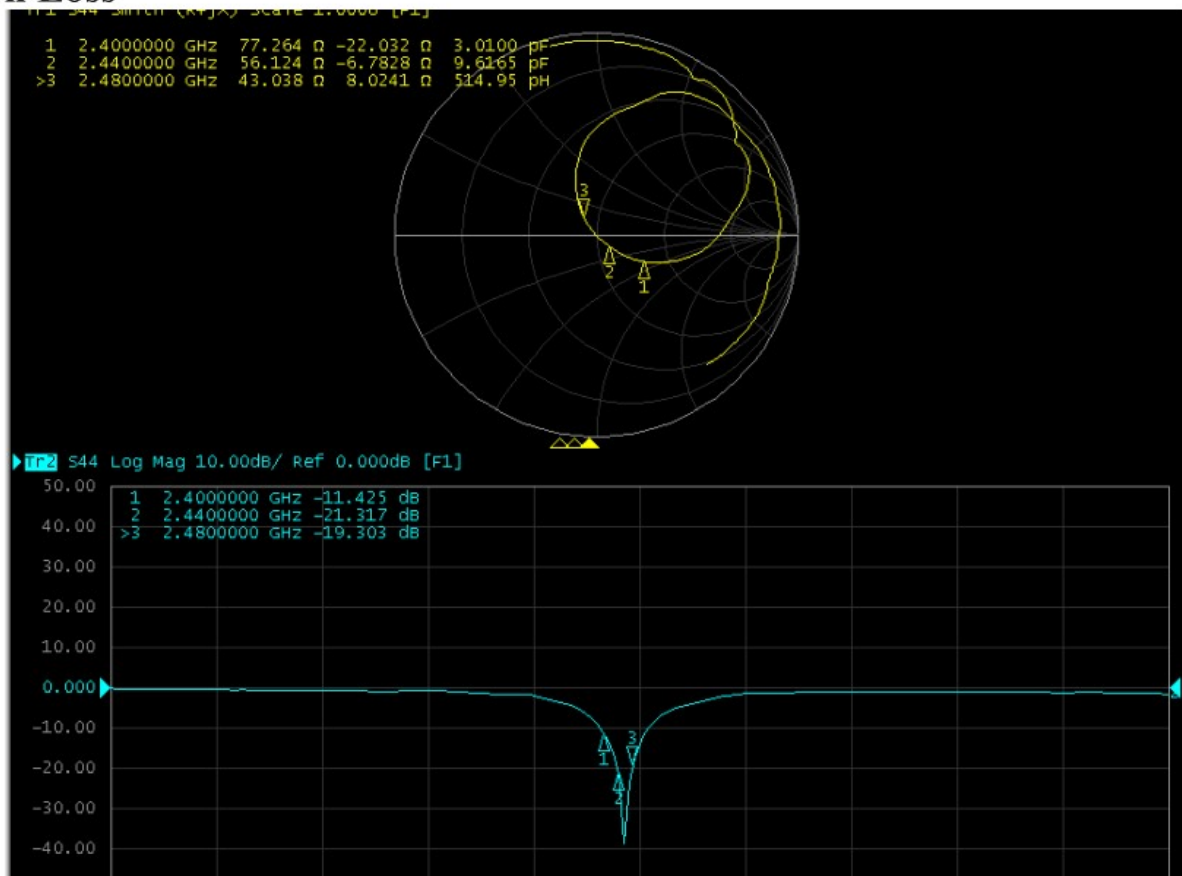


Antenna Gain

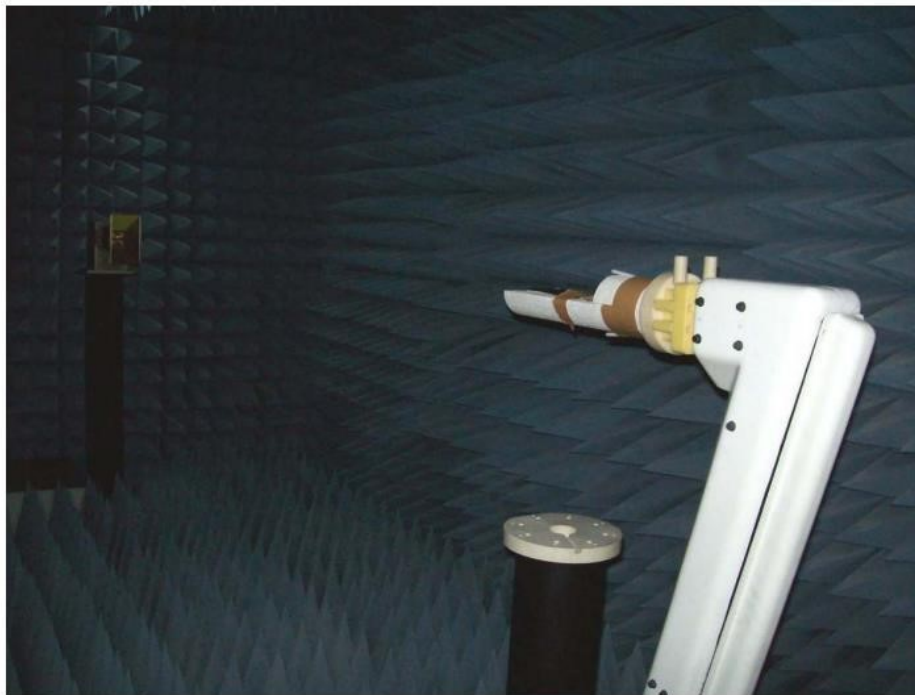
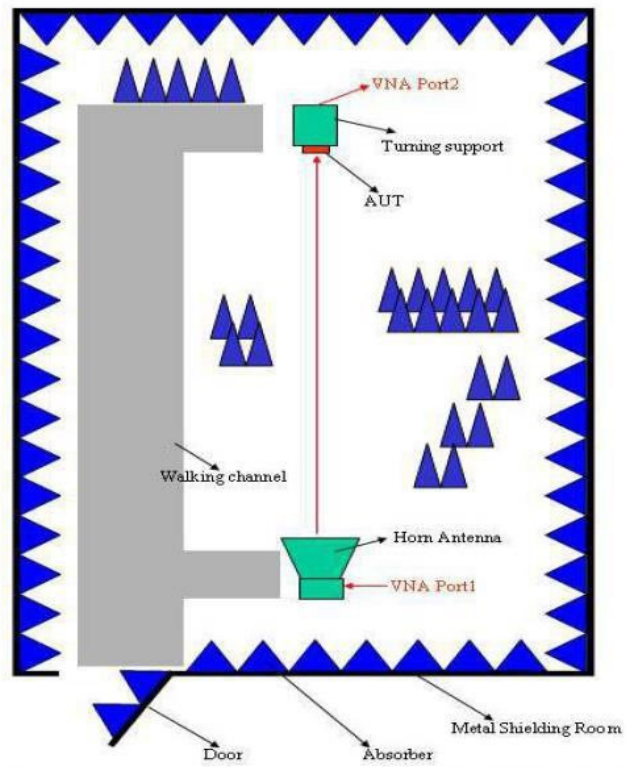
Gain Table

Unit in dBi @2.44GHz	XY-plane		XZ-plane		YZ-plane		Efficiency
	Peak	Avg.	Peak	Avg.	Peak	Avg.	
Module Board	1.3	-0.5	1.7	-3.8	1.1	-3.0	58.5%

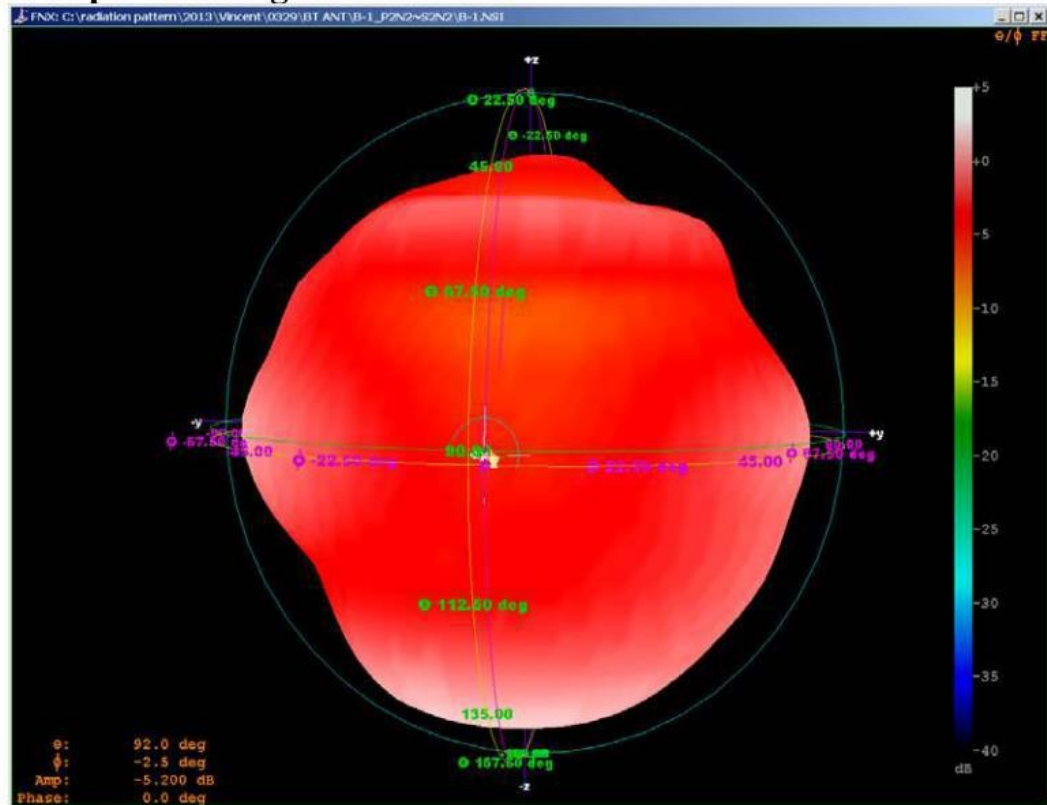
Return Loss



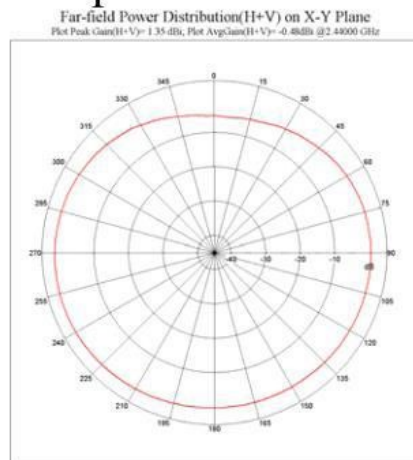
The Environment of Antenna Radiation Pattern



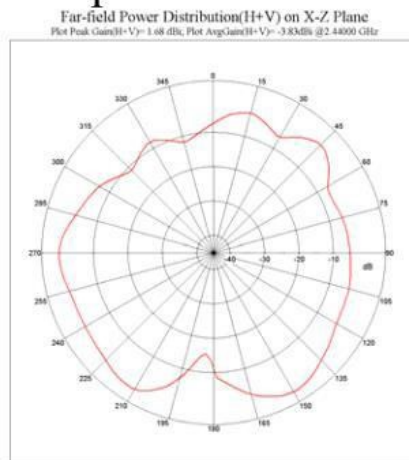
3D radiation pattern diagram



XY-plane



XZ-plane



YZ-plane

