

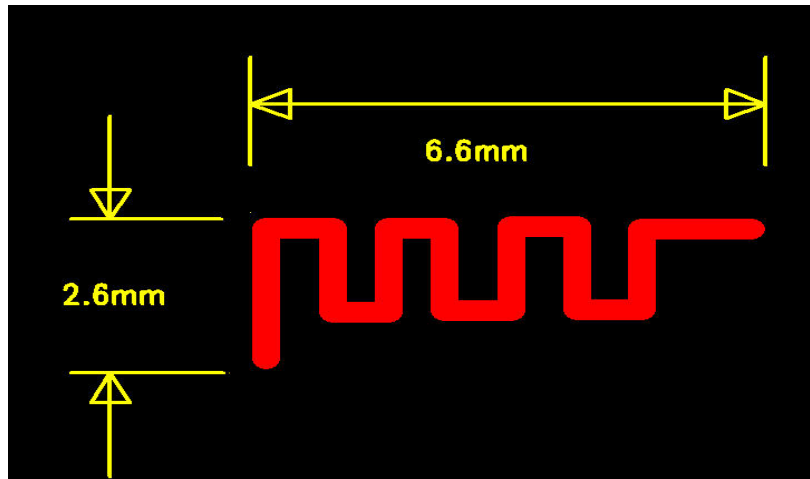
Company Name: Guangzhou Shichao Electronics Co., Ltd.
Address: Building 1, Miaoxing Industrial Zone, No. 25 East Road,
Mache Village, Shitan Town, Zengcheng District, Guangzhou

Product specification

Quick Reference

	Antenna model information	
Antenna Type	PCB	
Frequency	2.44GHz	
Ant. Port Input Pwr.(dBm)	0(Typ.BT class 2 output power)	
Tot.Rad.Pwr.(dBm)	-5.8(Input pwr-loss pwr)	
Peak EIRP(dBm)	-2.9	
Directivity(dBi)	1(all direction antenna)	
Efficiency(dB)	-5.8(26.03%)	
Gain(dBi)	-2.9(Peak Gain XY-plane)	
Maximum Power(dBm)	-2.9(XY-plane)	
Minimum Power(dBm)	-7.9(XY-plane)	
Average Power(dBm)	-4.5(XY-plane)	
Max/Min Ratio(dB)	5(XY-plane)	
Max/Avg Ratio(dB)	1.6(XY-plane)	
Min/Avg Ratio(dB)	-3.4(XY-plane)	
Average Gain(dB)	-4.5(Avg Gain XY-plane)	

Antenna module & Size

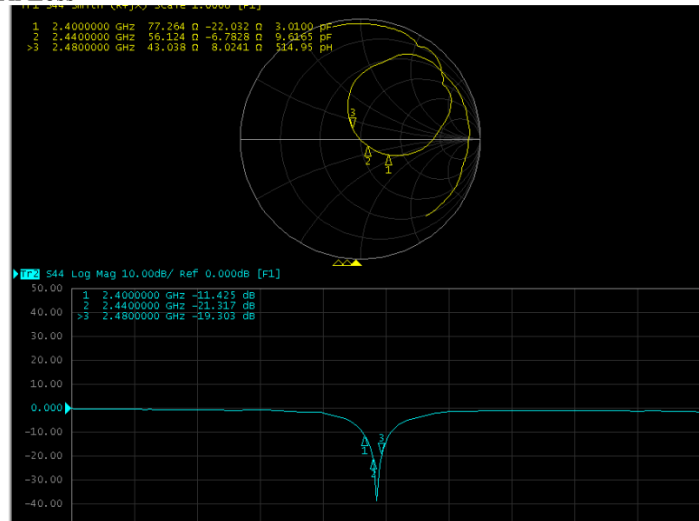


Antenna Gain

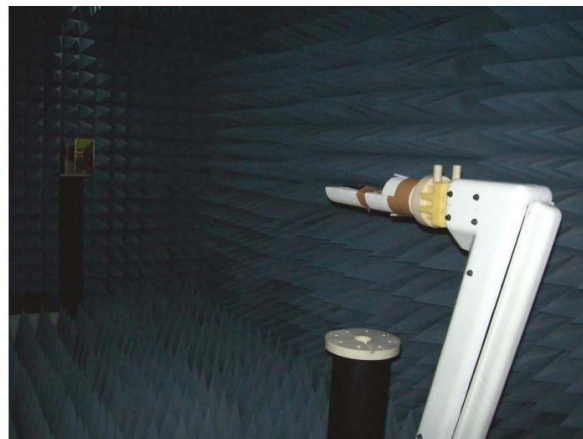
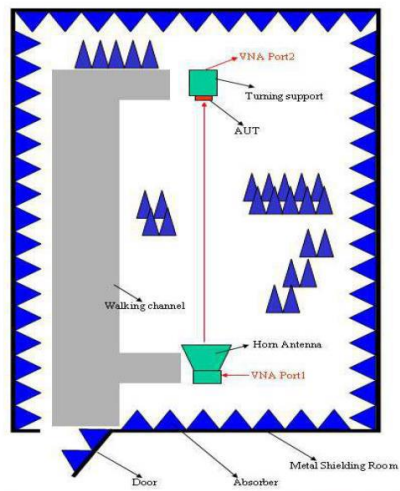
Gain Table

Unit in dB@ 2.44GHz	XY-plane		XZ-plane		YZ-plane		Efficiency
	Peak	Avg	Peak	Avg	Peak	Avg	
	-4.5	-2.9	-3.7	-6.9	-2.9	-6.1	

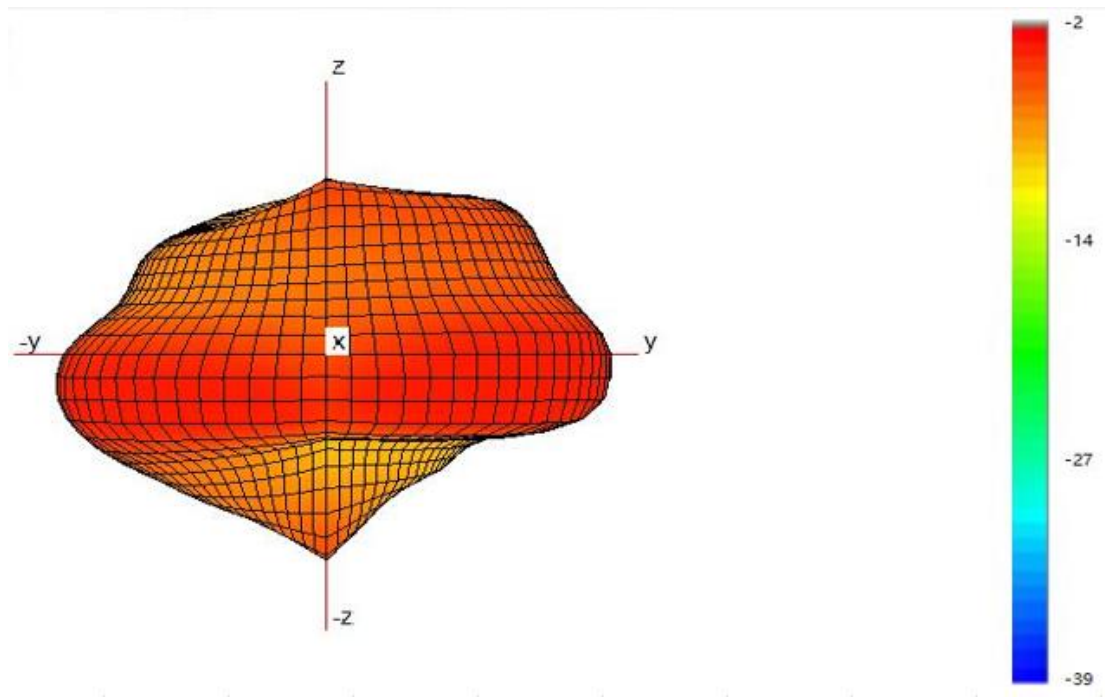
Return Loss



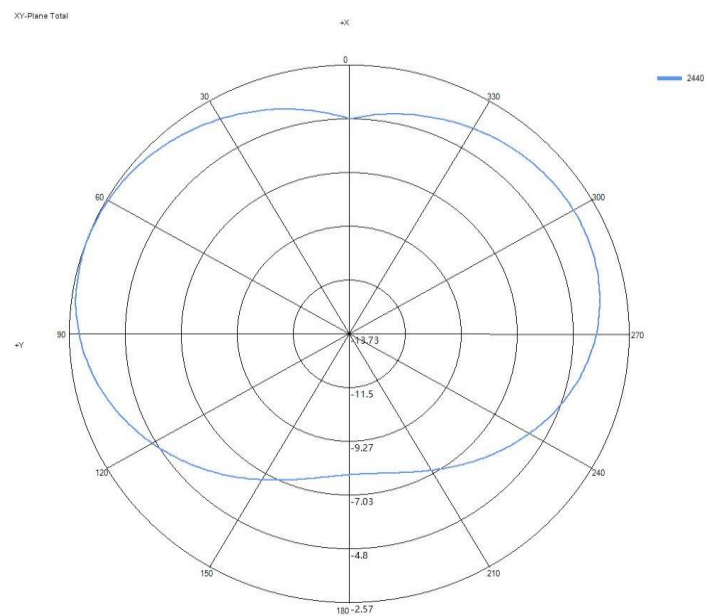
The Environment of Antenna Radiation Pattern



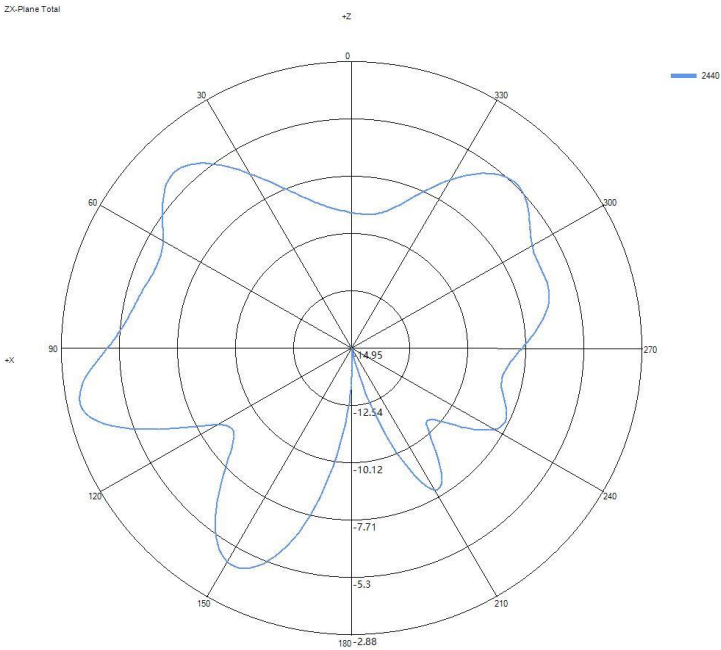
3D radiation pattern diagram



XY-plane



XZ-plane



YZ-plane

