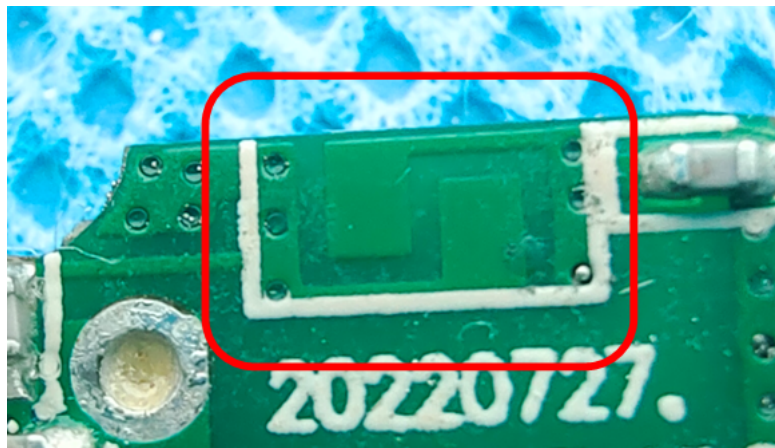


Product specification

Quick Reference

	Antenna model information
Model	BT ANT
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(dBi)	-4.5(Avg Gain XY-plane)
Manufacturer	Shenzhen Chaoxin Technology Co., Ltd 4th Floor, Comprehensive Building, Yiyuan Tongxue Elephant Industrial Zone, No. 22 Zhonghao Second Road, Bantian Street, Longgang District, Shenzhen City, Guangdong Province

Antenna Photo

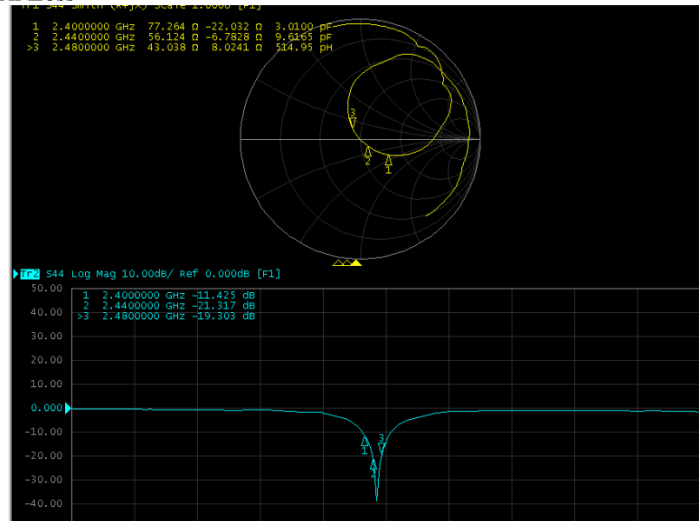


Antenna Gain

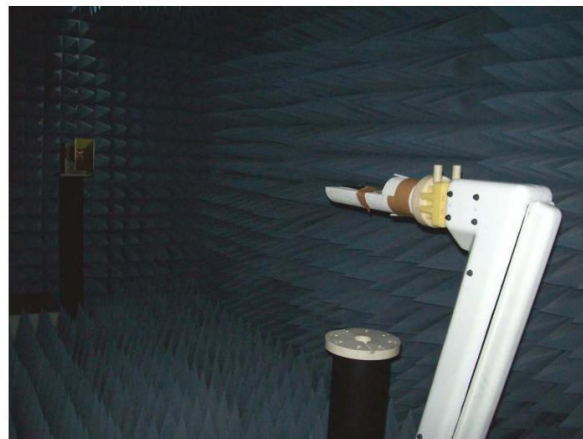
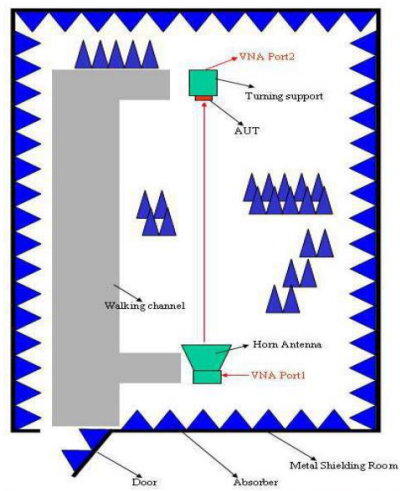
Gain Table

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

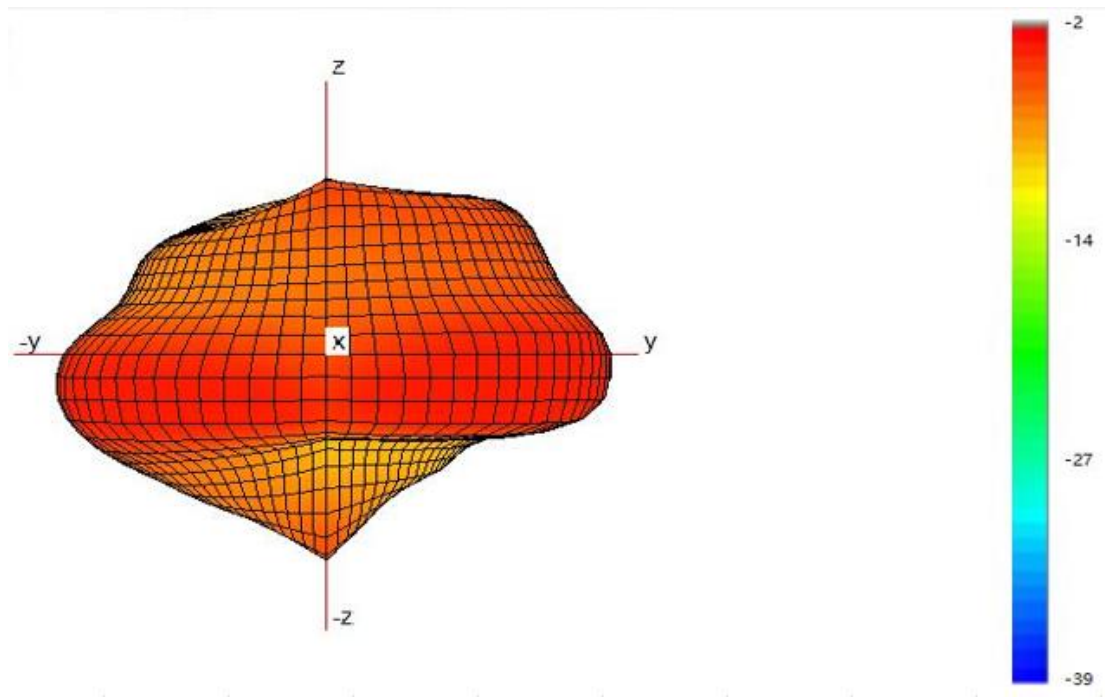
Return Loss



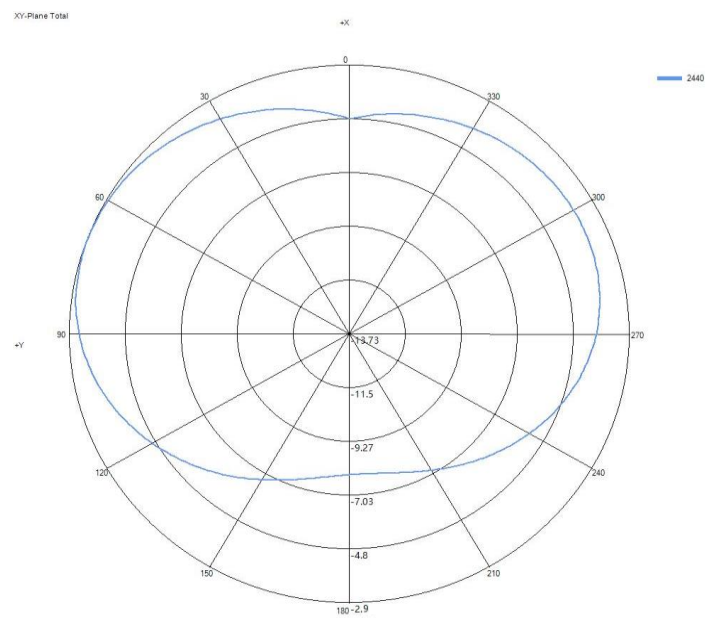
The Environment of Antenna Radiation Pattern



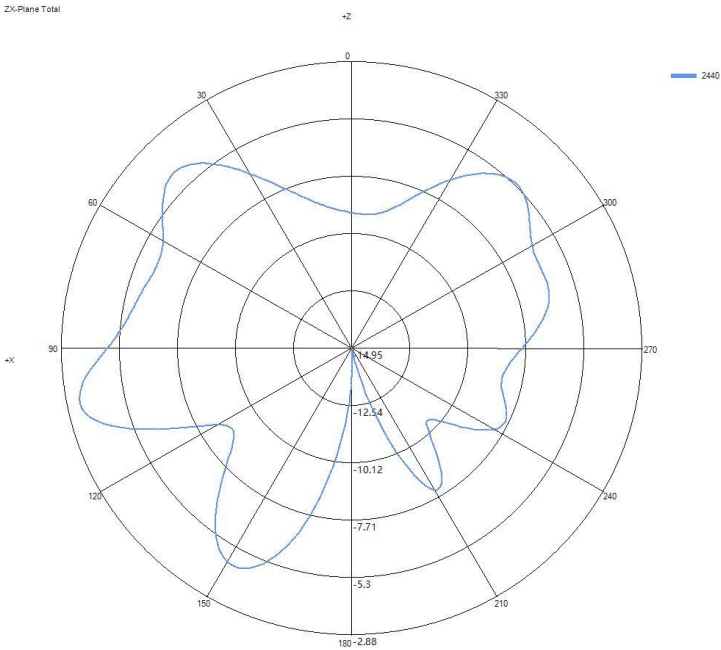
3D radiation pattern diagram



XY-plane



XZ-plane



YZ-plane

