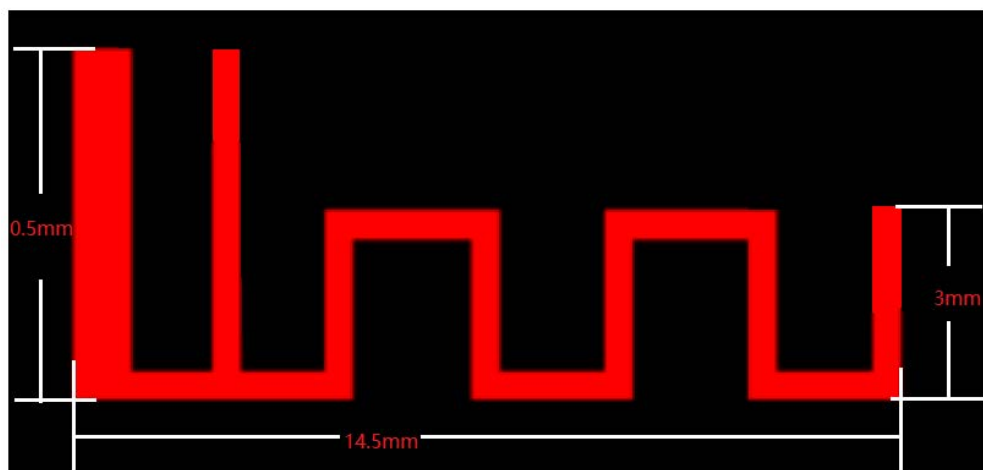


Product specification

Quick Reference

	Antenna model information	
Antenna Type	PCB	
Frequency	2402-2480MHz	
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)	1.2(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 Mode	GFSK DQPSK	
Manufacture	Shen Zhen Bluetrum Technology Co., Ltd.	
Address	Building A 1301-1, Smart Plaza, No. 4068 Qiao xiang Road, Gaofa Community, Shahe Street, Nanshan District, Shenzhen	

Antenna module & Size

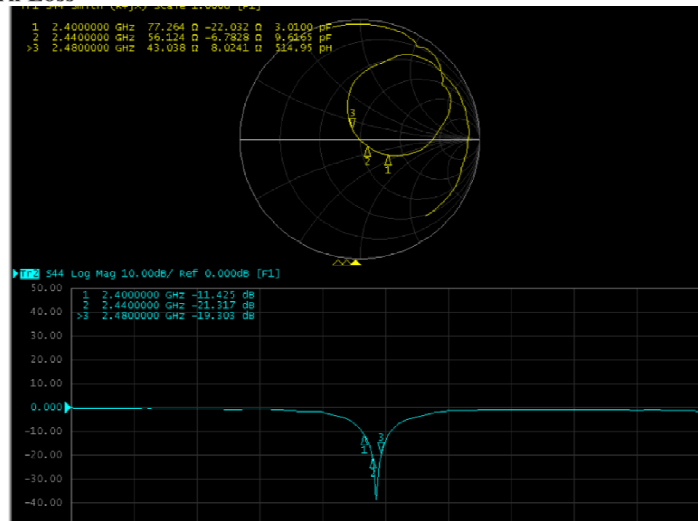


Antenna Gain

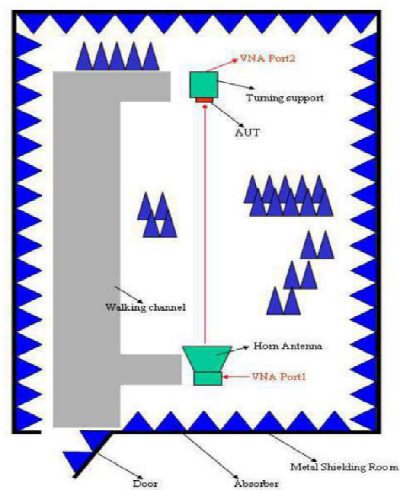
Gain Table

Unit in dB@ 2440MHz	XY-plane		XZ-plane		YZ-plane		Efficiency
	Peak	Avg	Peak	Avg	Peak	Avg	
	1.2	-1.5	-3.7	-6.9	-2.9	-6.1	
							26.03%

Return Loss



The Environment of Antenna Radiation Pattern



3D radiation pattern diagram

2440MHz

