

惠州市利贞电子有限公司

Huizhou Lizhen Electronics Co.,Ltd.

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产品规格书

PRODUCT SPECIFICATION

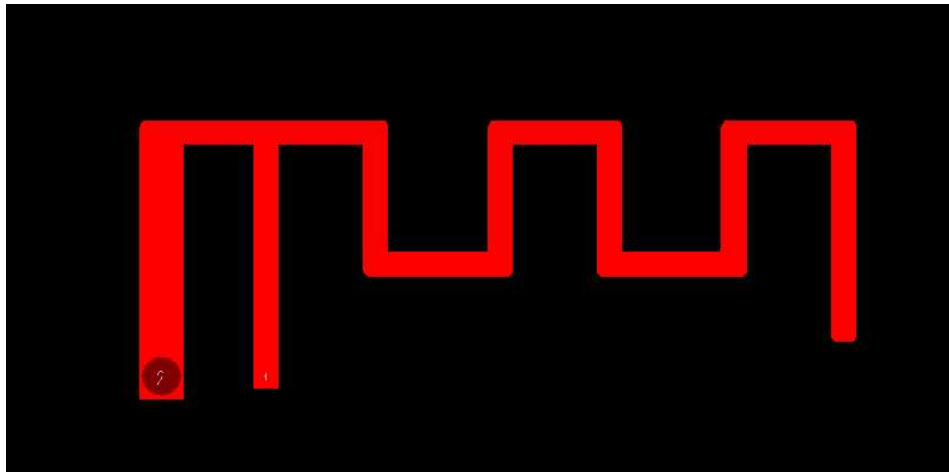
客户 Customer	
客户编码 Customers part number	
产品料号 ProductMaterialCode	02.PCB.7388.111
名称 Name	PCB board-mounted 2.4G antenna
发行日期 Issue Date	2024-10-09
发行版本 ReleaseVersion	A1

Product specification

Quick Reference

	Antenna model information	
Antenna Type	PCB	
Frequency	2400-2500MHz	
Ant. Port Input Pwr.(dBm)	0(Typ.BT class 2 output power)	
Tot.Rad.Pwr.(dBm)	-5.8(Input pwrloss 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)	
MaximumPower(dBm)	-2.9(XY -plane)	
MinimumPower(dBm)	-7.9(XY -plane)	
AveragePower(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

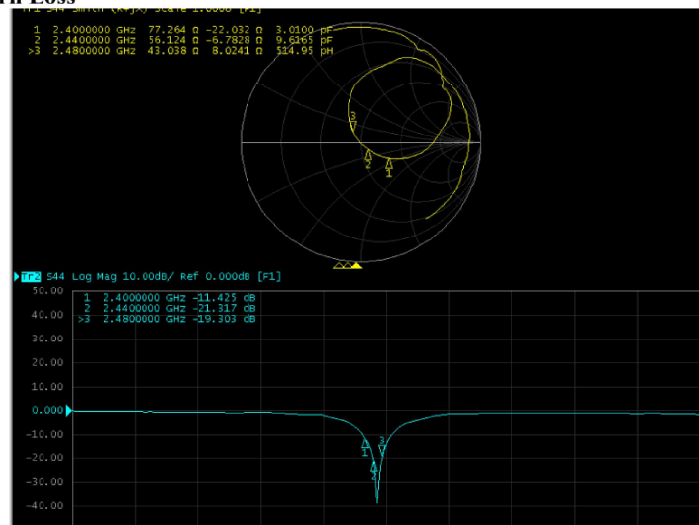


AntennaGain

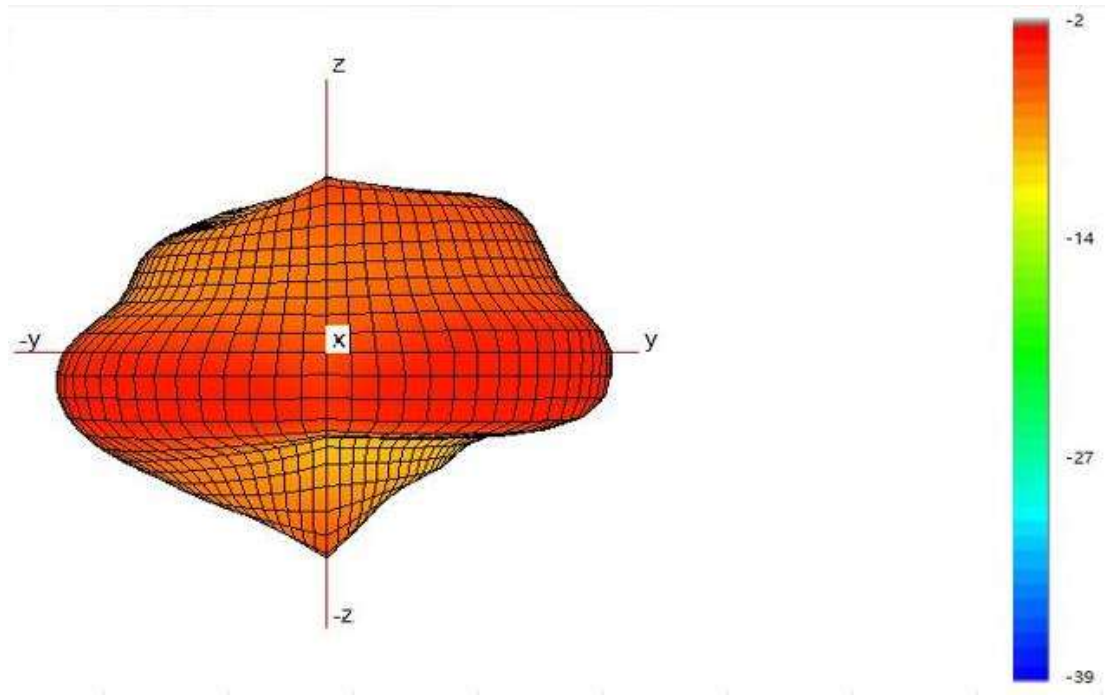
Gain Table

Unit in dB@ 2.44 GHz z	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	

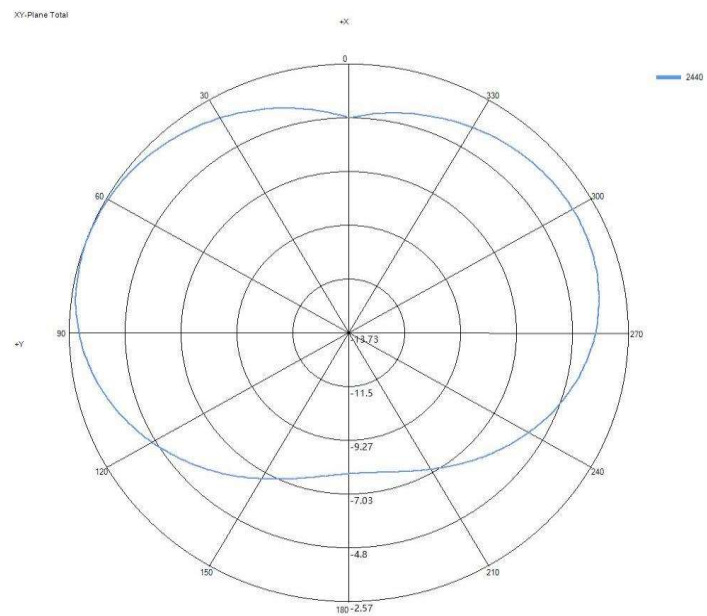
Return Loss



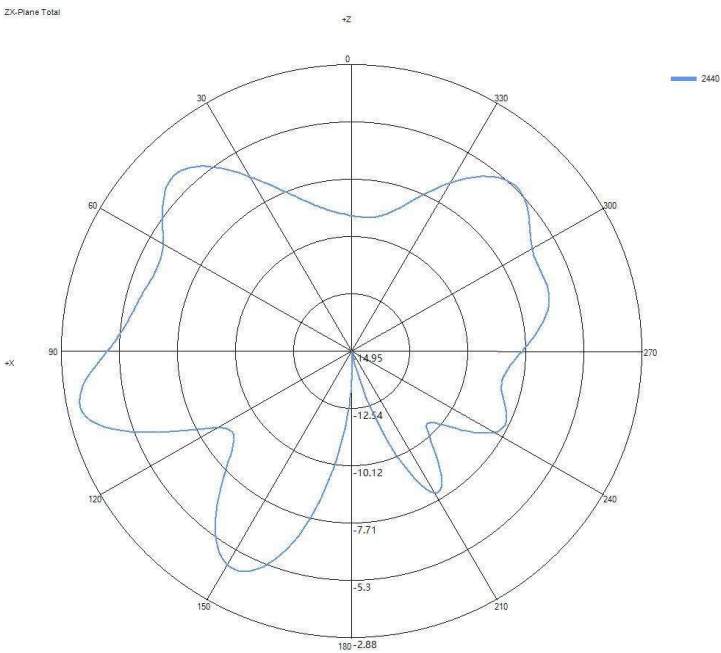
3D radiation pattern diagram



XY-plane



XZ-plane



YZ-plane

