

Shenzhen Xingshenglong TechnologyCo.,Ltd.

Antenna manufacturer address: Shajing Street Shasan Community Shajing West Ring Road 2144

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1.Project specification

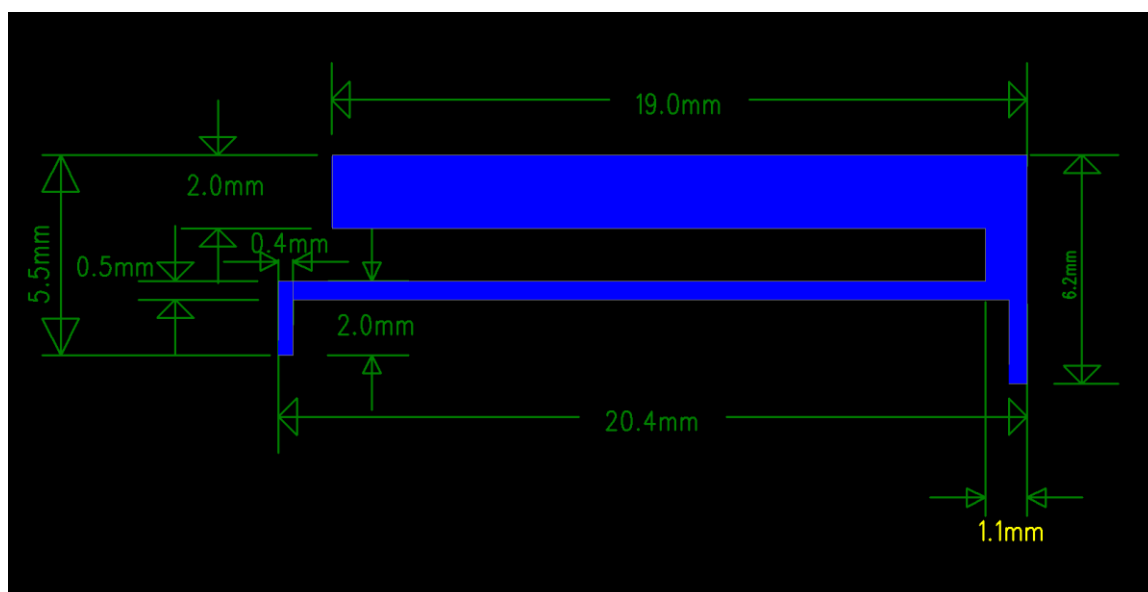
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2. Electrical performance test report

Frequency	2.40GHz-2.48GHz
Impedance	50 Ω hm
VSWR	2.0 MAX
Return Loss	-30dB Max
Radiation	Omni-directional
Gain(peak)	1.66 dBi
Polarization	Linear. Vertical
Type of antenna	PCB Antenna

3. Product graph



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4. Network analyzer graph

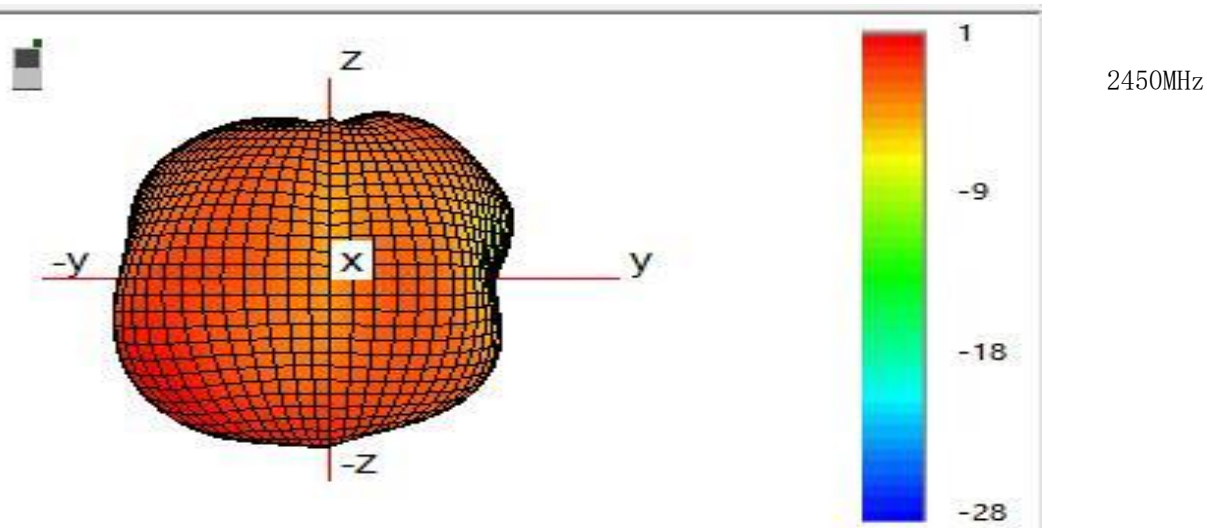
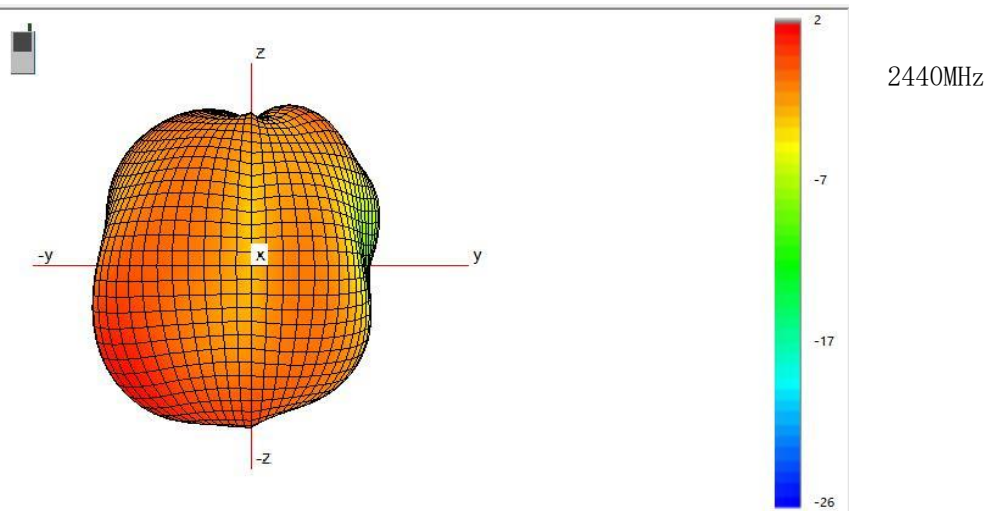
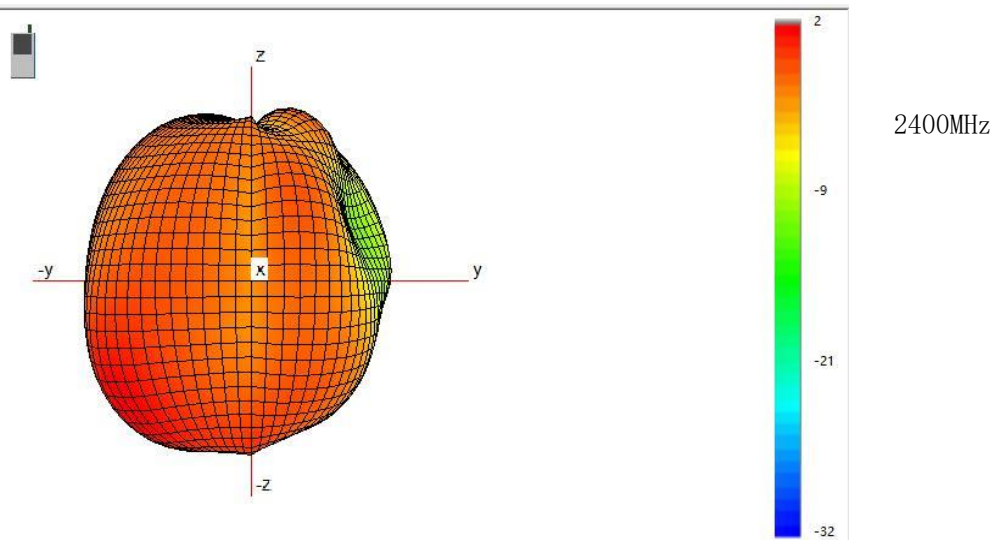


5. Efficiency and Gain test results

Frequency: 2.40-2.48GHz (Free)			
Freq(MHz)	Gain(dBi)	Efficiency(dB)	Efficiency(%)
2400	1.66	-2.51	56.03
2410	1.59	-2.55	55.52
2420	1.40	-2.67	54.06
2430	1.29	-2.74	53.19
2440	1.21	-2.70	53.67
2450	1.24	-2.79	52.54
2460	0.89	-3.03	49.74
2470	0.51	-3.00	50.02
2480	0.54	-2.94	50.78

6. Radiation pattern

3D Diagram 2.400GHz (Free) ---dBi



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2D Diagram 2.400GHz (Free) ---dBi

