



1. Project specification

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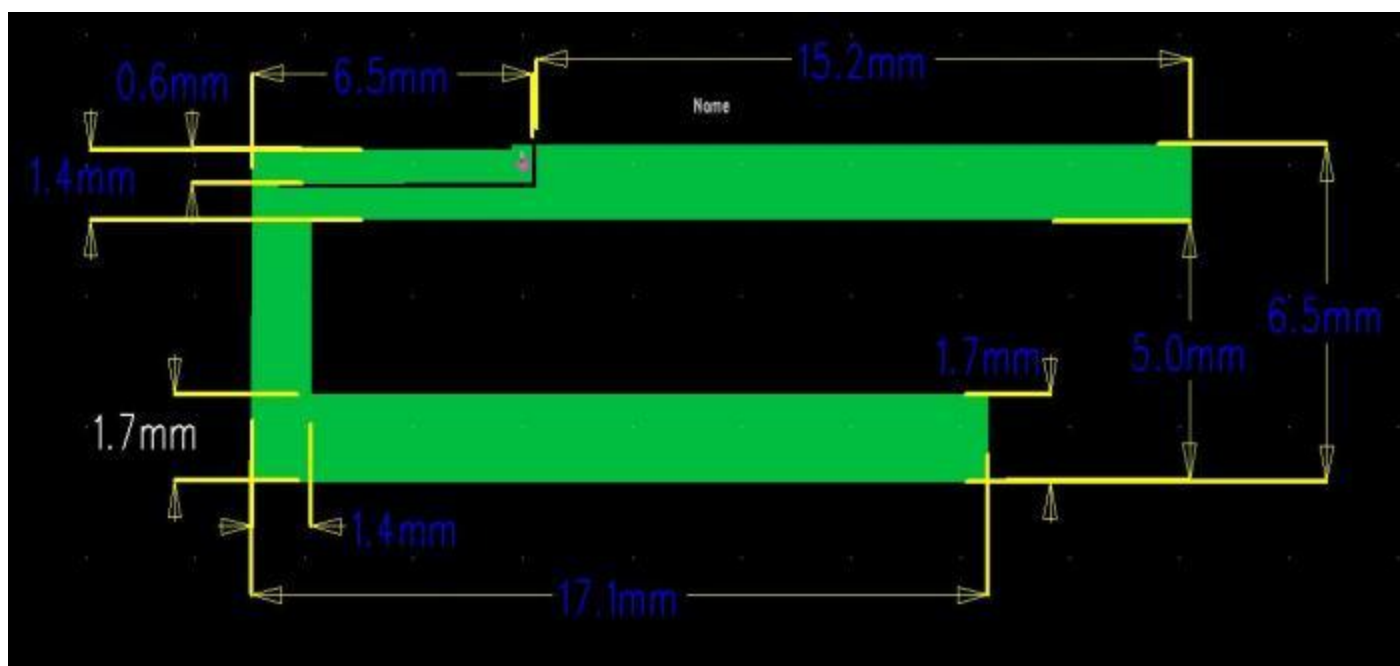


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2.Electrical performance test report

Frequency	2.402GHz-2.48GHz
Impdeance	50 Q hm
VSWR	2.0 MAX
Return Loss	-40dB Max
Radiation	Omni-directional
Gain(peak)	1.1569 dBi
Polarization	Linear.Vertical
Type of antenna	PCB Antenna
Antenna manufacturer	Meizhou Benchuang electronic Co., LTD
Antenna manufacturer address	AD7 Area, Meijiang Economic Development Zone, Meizhou City, Guangdong Province

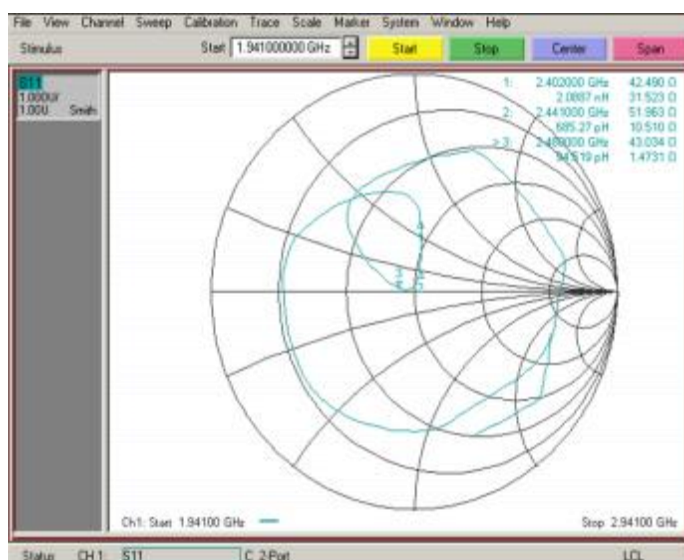
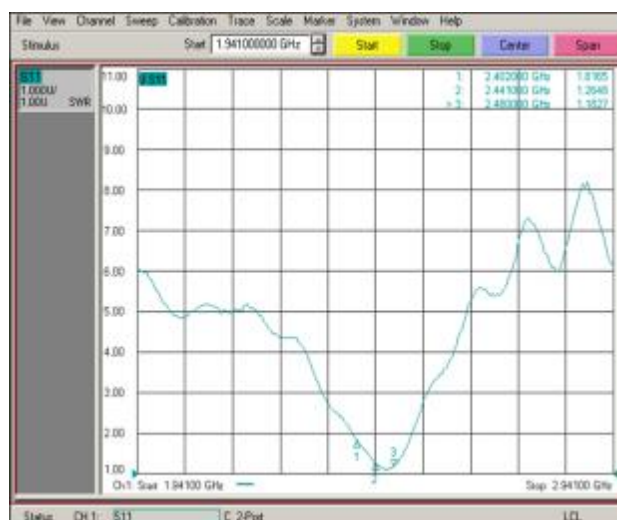
3.Product graph





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4.Network analyzer graph



5.Efficiency and Gain test results

Frequency:2.40–2.480GHz(Free)

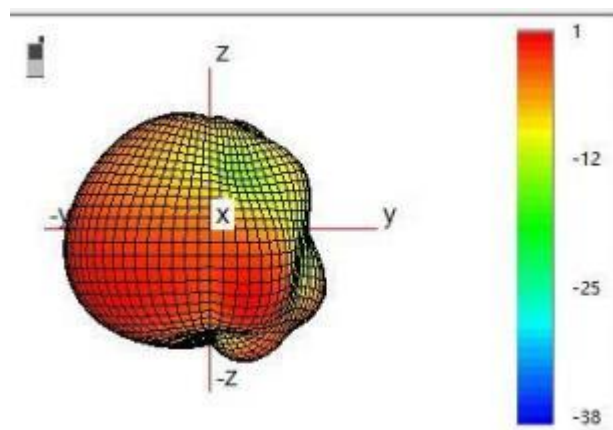
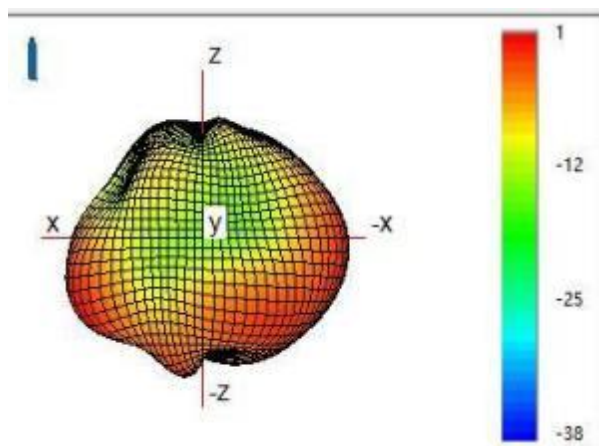
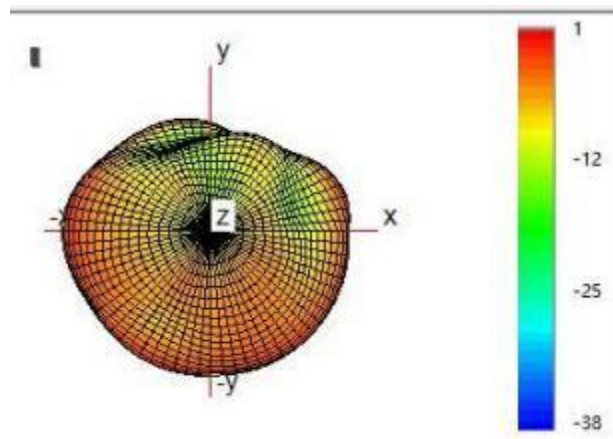
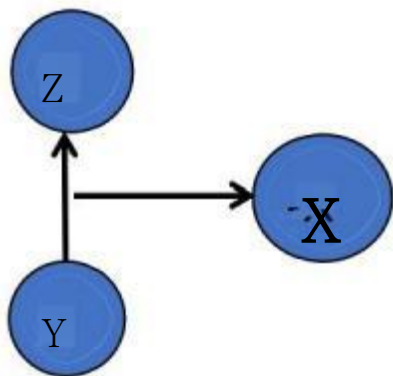
Frequency Point(MHz)	Efficiency(%)	Efficiency(dB)	Gain(dBi)
2400	44.8702	-3.4804	0.8007
2410	46.6632	-3.3102	0.7322
2420	47.5887	-3.2249	0.8858
2430	50.5096	-2.9662	1.1569
2440	51.6098	-2.8726	1.1494
2450	50.183	-2.9944	0.8978
2460	52.1351	-2.8286	0.9868
2470	53.3477	-2.7288	0.9888
2480	52.04426	-2.8362	0.8656
Mean value	50.9589	-2.9277	1.1494



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6.Radiation pattern

3D Diagram 2.450GHz (Free)---dBi





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2D Diagram 2.450GHz(Free)---dBi

