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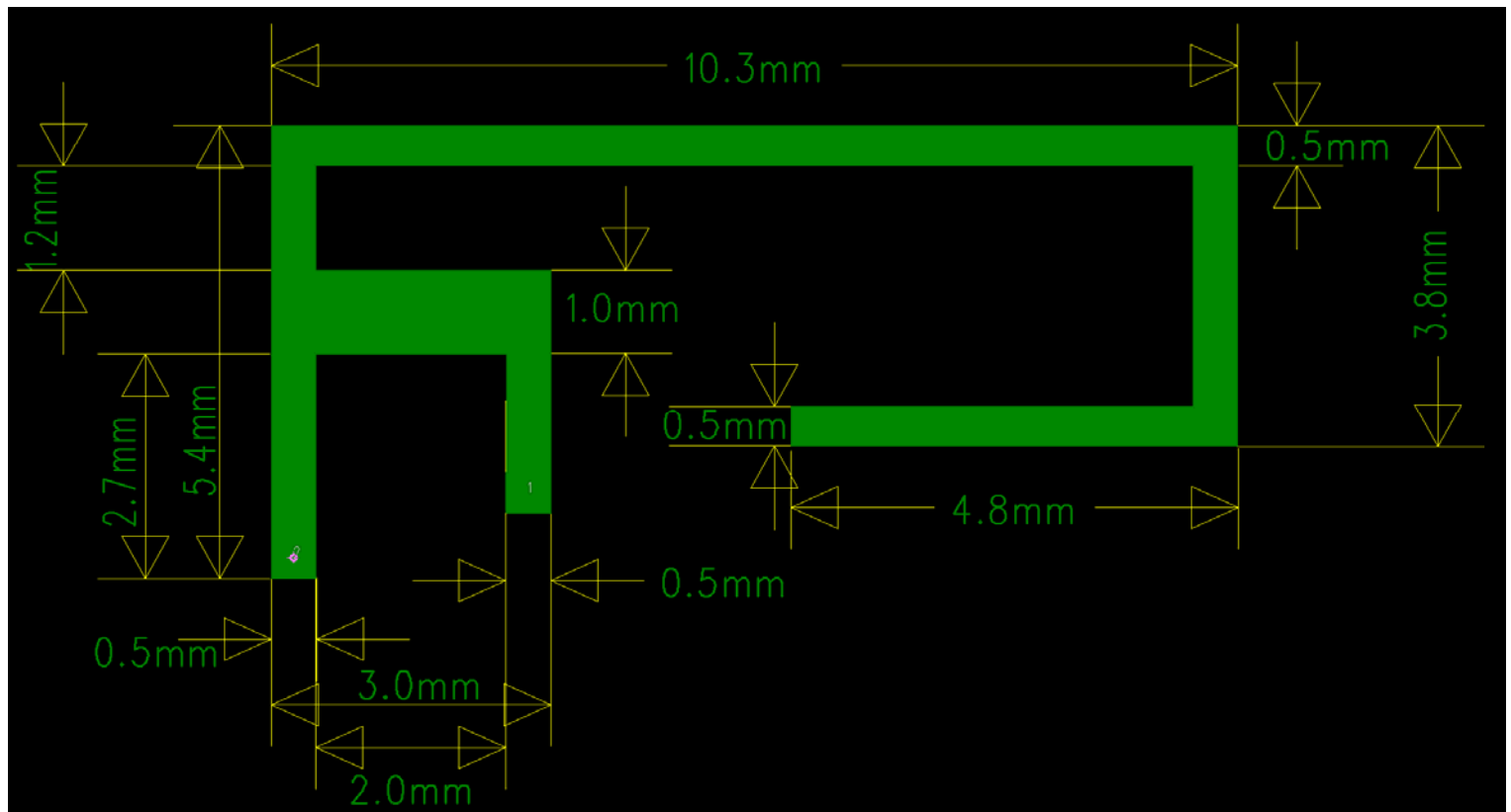
1. Project specification

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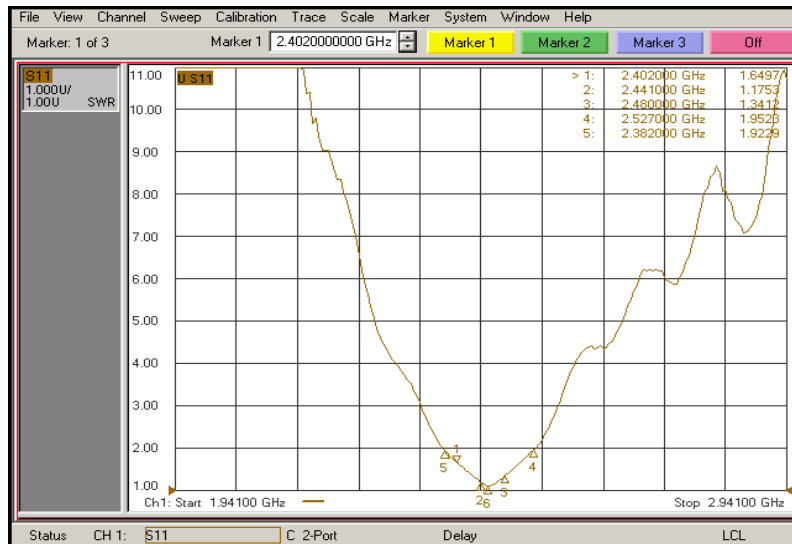
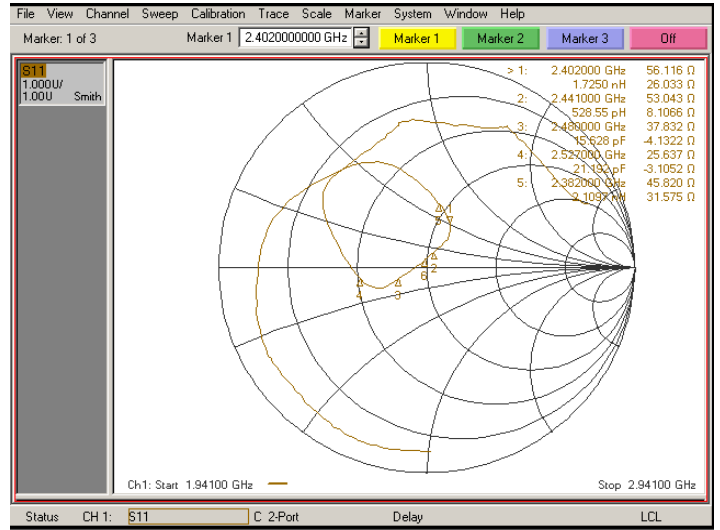
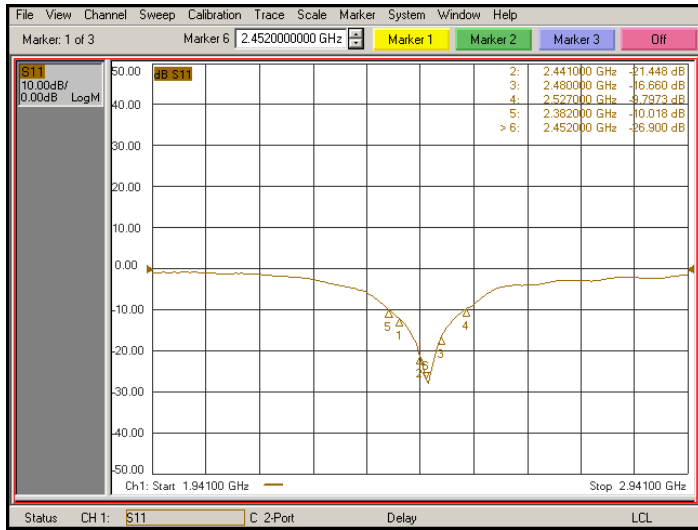
2.Electrical performance test report

Frequency	2.402GHz-2.48GHz
Impedance	50 Ω hm
VSWR	2.0 MAX
Return Loss	-40dB Max
Radiation	Omni-directional
Gain(peak)	2.51 dBi
Polarization	Linear.Vertical
Type of antenna	PCB Antenna

3.Product graph



4. Network analyzer graph



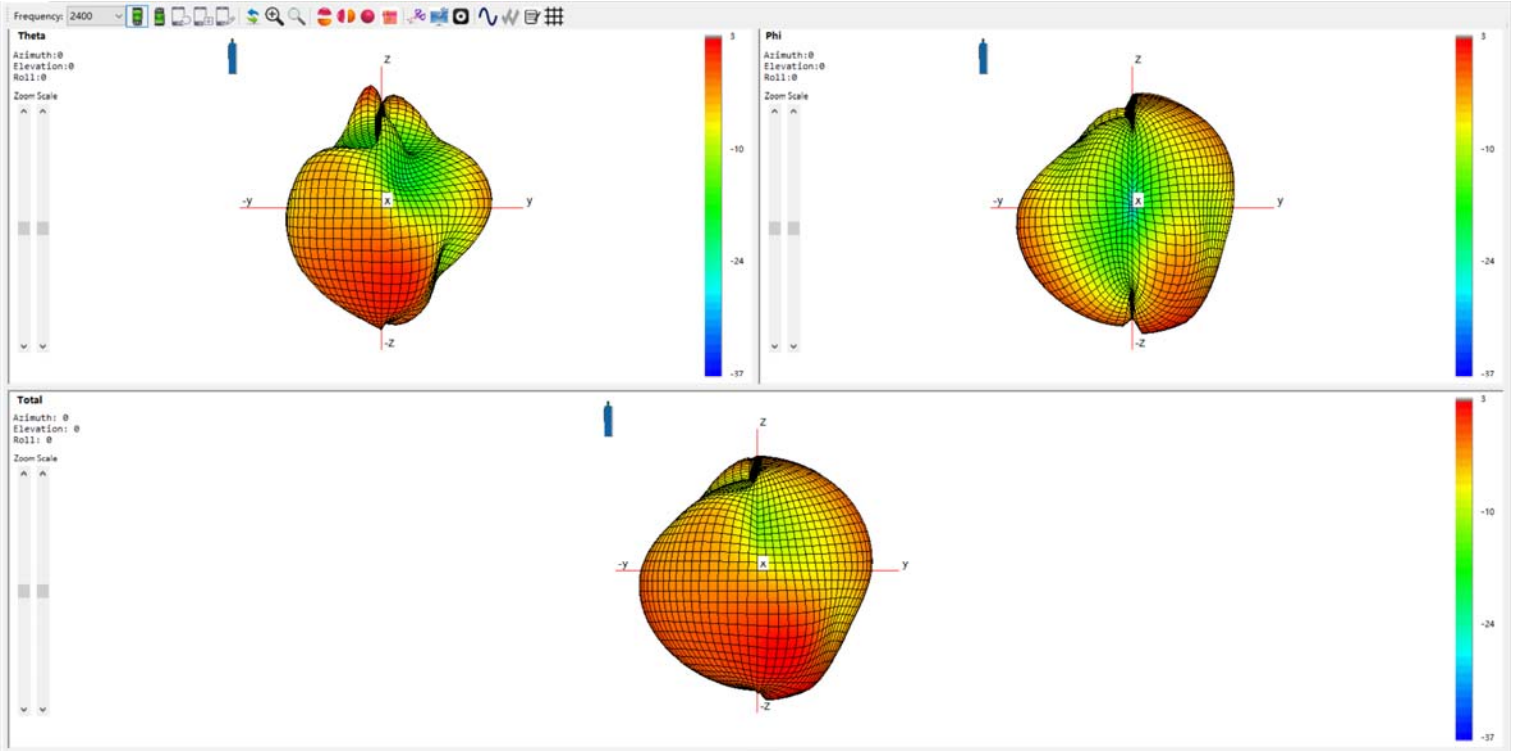
5. Efficiency and Gain test results

Frequency: 2.40–2.480GHz (Free)

Frequency Point (MHz)	Efficiency (%)	Efficiency (dB)	Gain (dBi)
2400	49.15	-3.08	2.18
2410	49.88	-3.02	2.43
2420	50.05	-3.01	2.51
2430	48.12	-3.18	2.43
2440	46.03	-3.37	2.24
2450	46.63	-3.31	2.20
2460	45.43	-3.43	1.96
2470	48.22	-3.17	1.98
2480	50.43	-2.97	1.87
Mean value	48.21	-3.17	2.20

6.Radiation pattern

3D Diagram 2. 400GHz (Free) ---dBi



2D Diagram 2. 4-2.48GHz (Free) ---dBi

