



1. Project specification

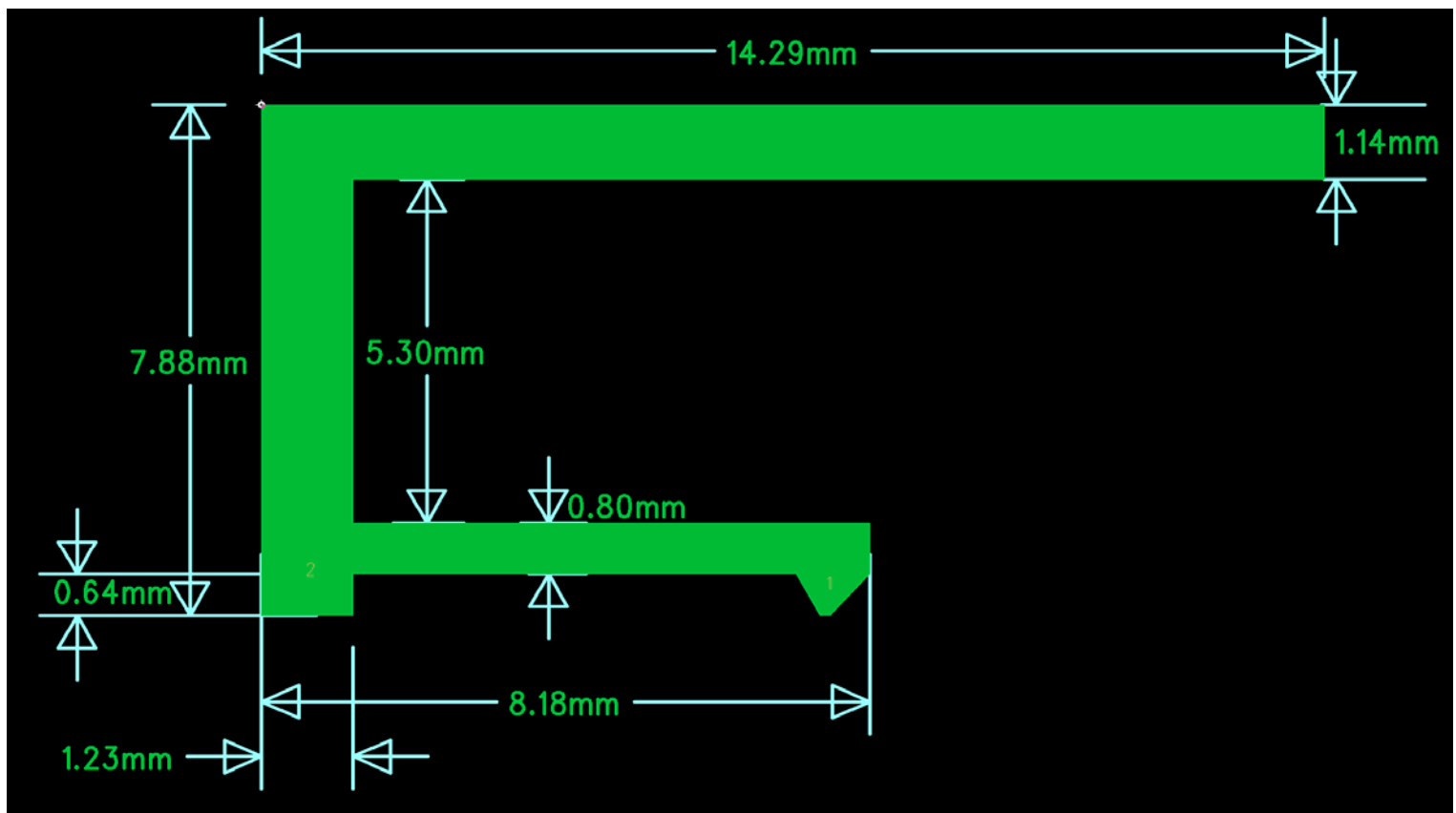
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2. Electrical performance test report

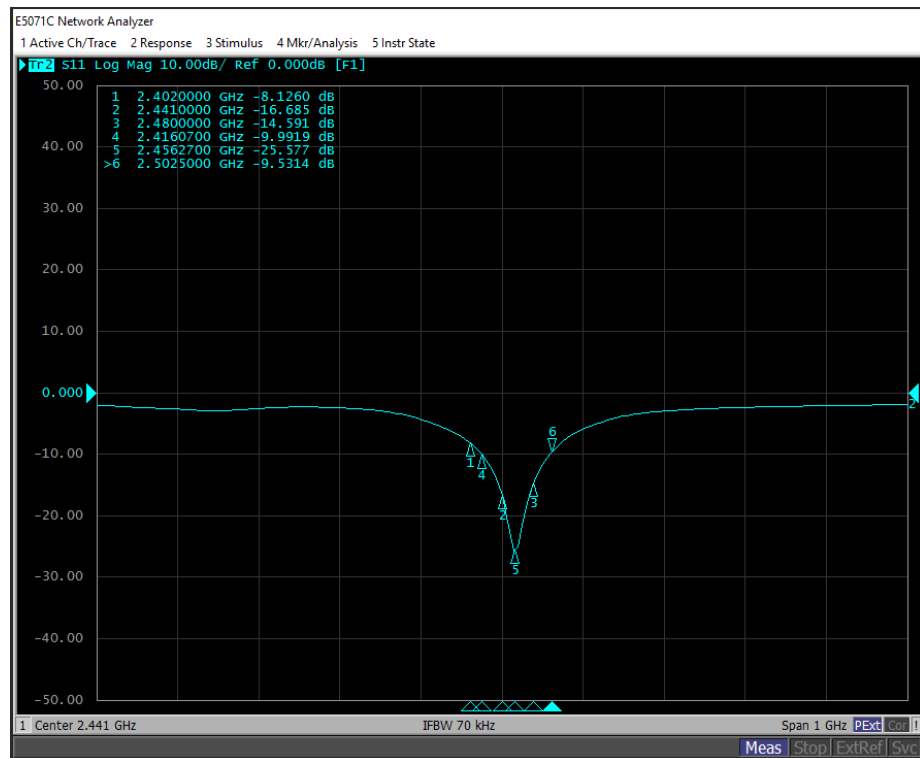
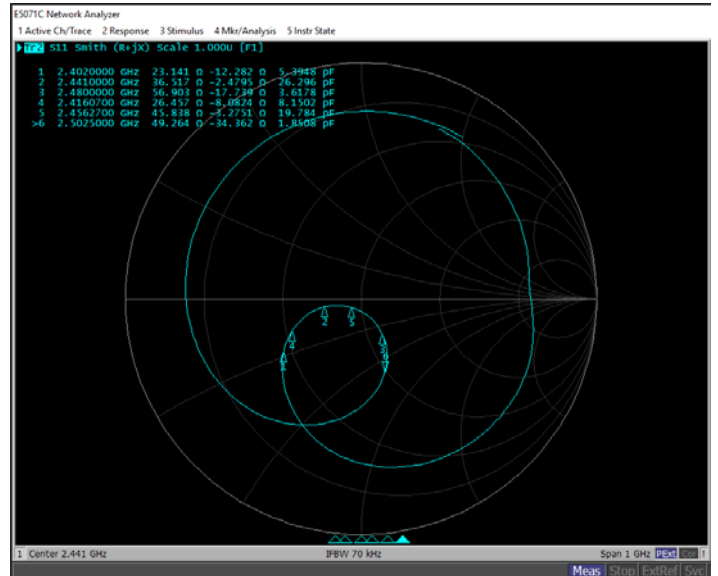
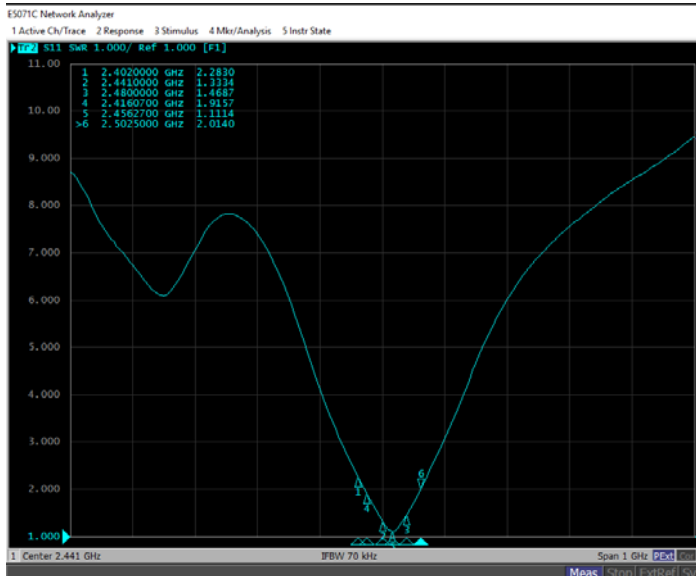
Frequency	2.402GHz-2.48GHz
Impedance	50 Ω hm
VSWR	2.0 MAX
Return Loss	-40dB Max
Radiation	Omni-directional
Gain(peak)	-0.31 dBi
Polarization	Linear. Vertical
Type of antenna	PCB Antenna

3. Product graph





4. Network analyzer graph





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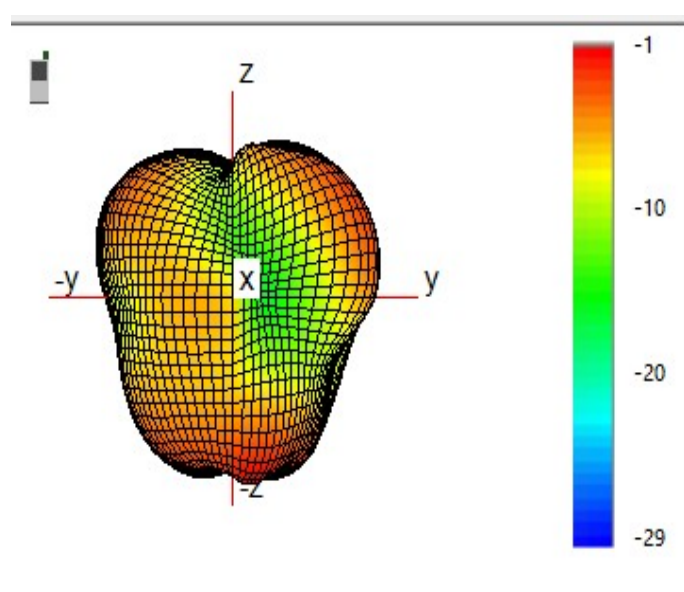
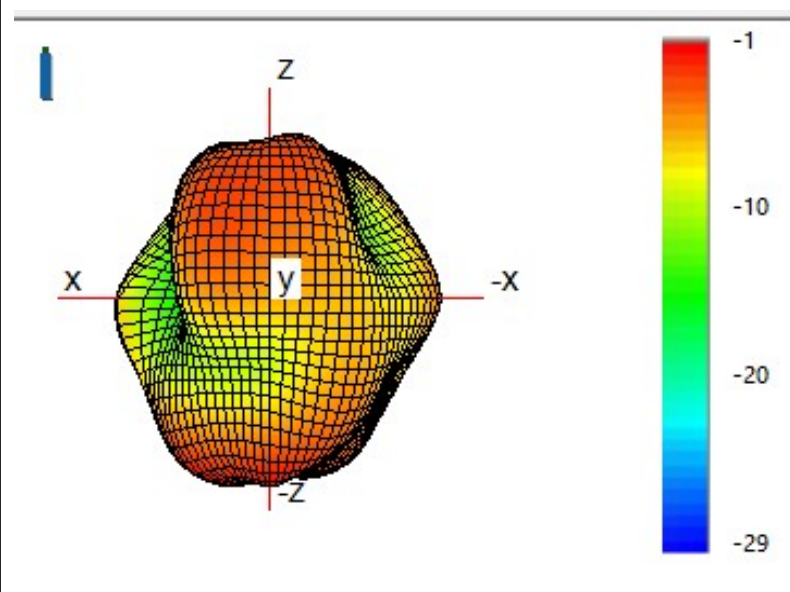
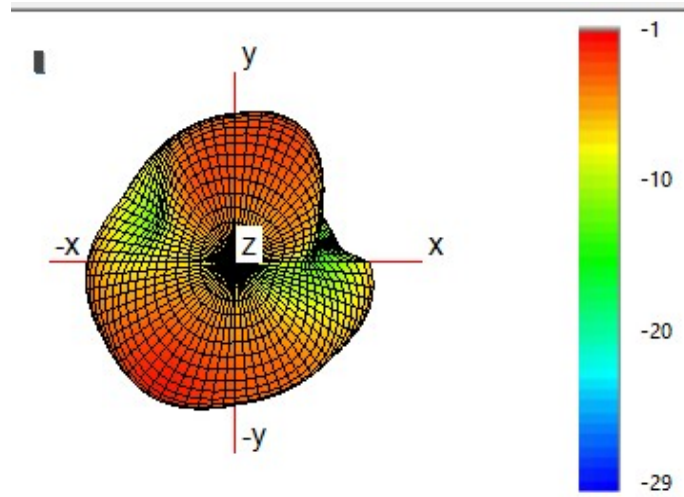
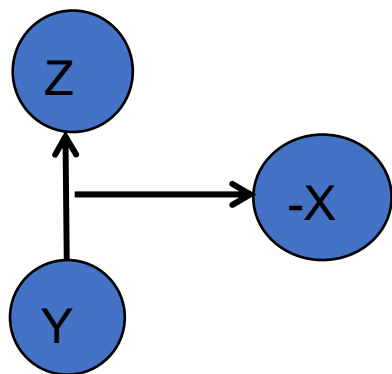
5. Efficiency and Gain test results

Frequency: 2.40–2.480GHz (Free)			
Frequency Point (MHz)	Efficiency (%)	Efficiency (dB)	Gain (dBi)
2400	27.75	−5.57	−1.61
2410	28.87	−5.40	−1.33
2420	29.38	−5.32	−1.24
2430	30.33	−5.18	−1.05
2440	31.86	−4.97	−0.82
2450	32.20	−4.92	−0.68
2460	31.19	−5.06	−0.70
2470	31.86	−4.97	−0.54
2480	32.51	−4.88	−0.31
Mean value	30.66	−5.14	−0.92



6. Radiation pattern

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





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

