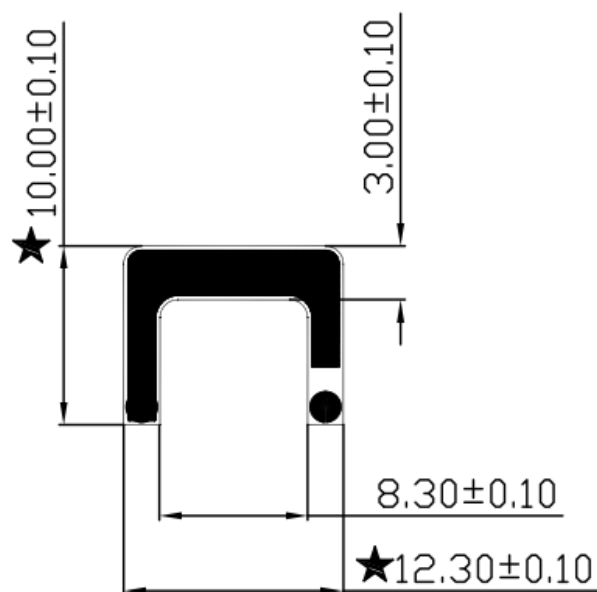


Antenna, Bluetooth

1. Specifications:

- a. Frequency range: 2400 ~ 2480 MHz
- b. Peak gain: 0dBi
- c. VSWR: < 4
- d. Type: PCB
- e. Impedance: 50 ohm

2. Dimensions:

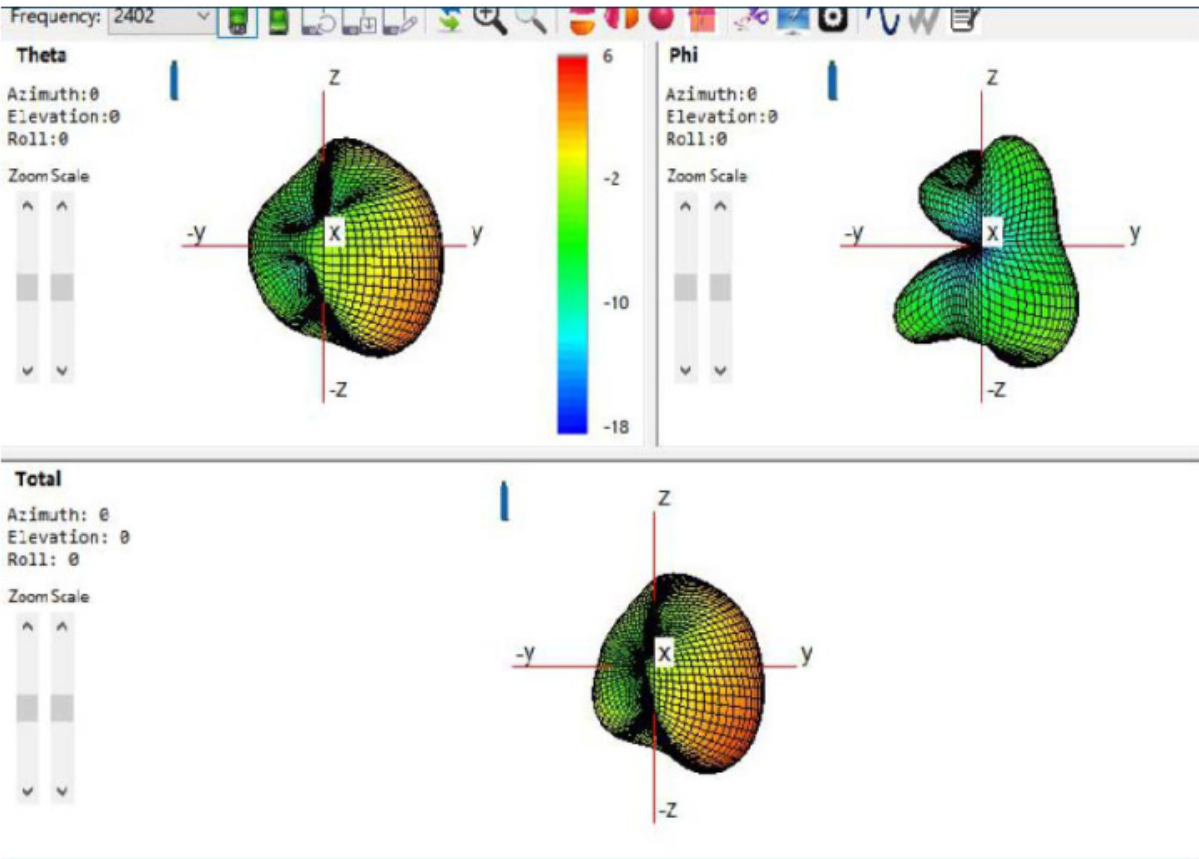


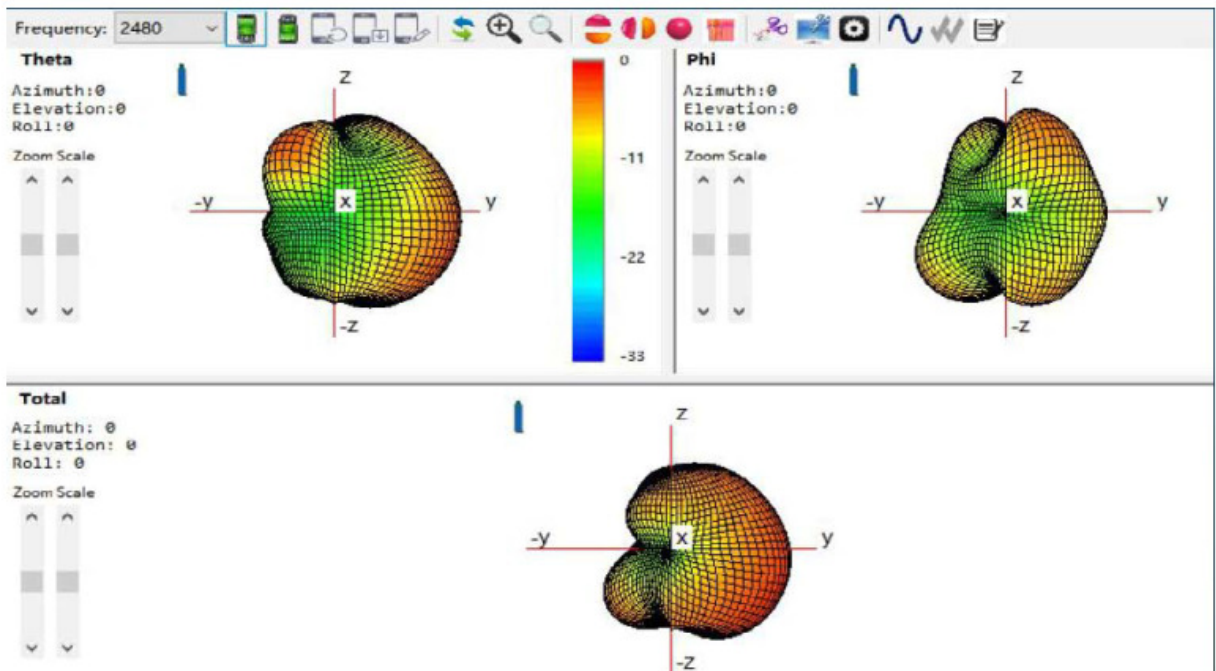
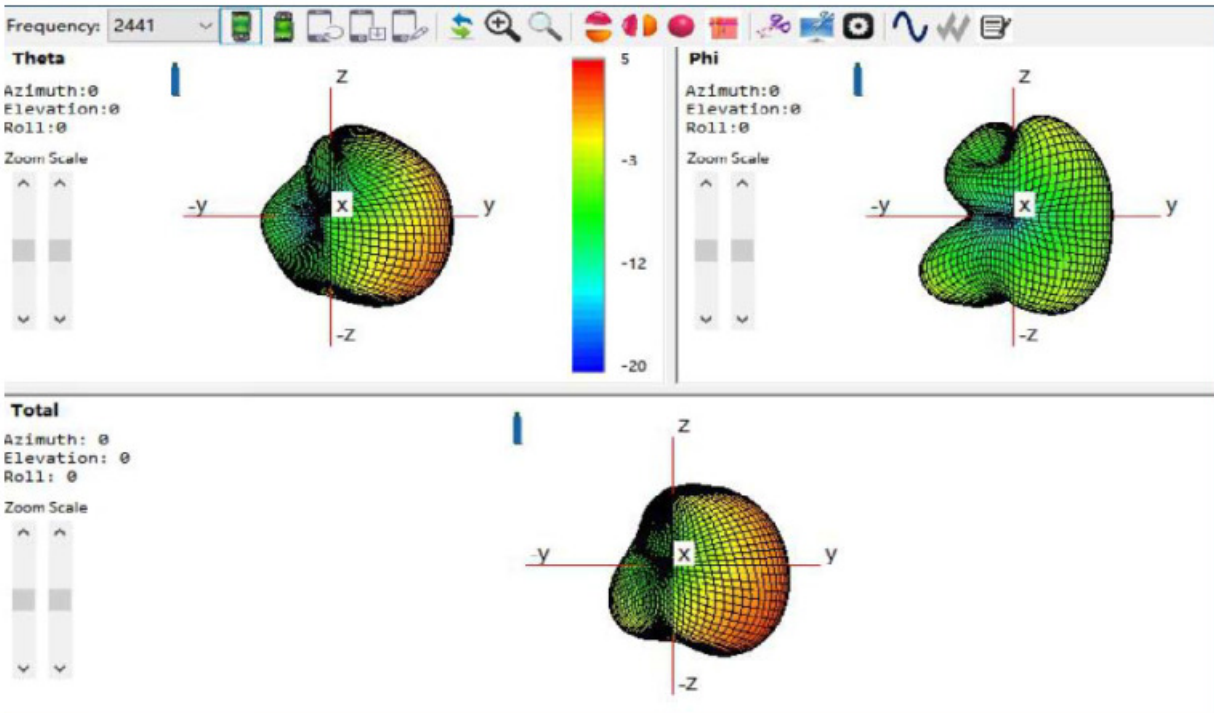
3. Test Performances:

a. Antenna Gain and Efficiency:

Frequency (MHz)	Gain(dBi)	Efficiency(%)
2400	-5.15	14.4
2410	-4.58	16.1
2420	-4	18.16
2430	-3.28	21.1
2440	-2.65	23.86
2450	-2.17	26.61
2460	-1.85	28.65
2470	-1.8	28.9
2480	0	29.54
2490	-1.77	29.02
2500	-2.08	26.94

b. Antenna Pattern:





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