

Antenna
Test Report

Antenna test report

Version 1.0.0

Date: 2020-11-24

NO: 000000001

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Inside

Product Name:	CB2L
Antenna Type:	PCB antenna
Writer:	Yinhua Zhang
Maximum	Gain: 1.9dBi
	Efficiency:32.96%

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1. General Description

EUT Name	CB2L Antenna
Wireless type	BLE /WIFI
Antenna Type	PCB antenna
Dimensions	Appendix A

2. Technical Information

Frequency Range	2402MHz~2480MHz
Test Frequency	2400,2410.....2500MHz

3. Test Standards

Identity	Document Title
IEEE 149-1979	IEEE Standard Test Procedures for Antennas

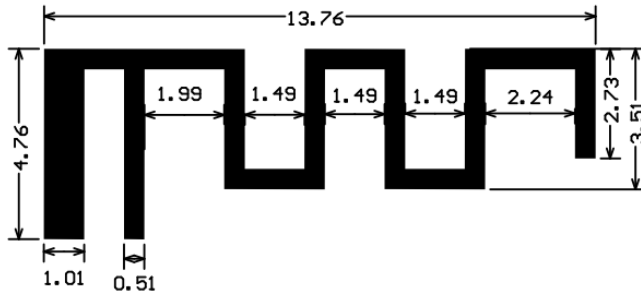
4. Test Item

Report Section	Description
Appendix B	S11/VSWR
Appendix C	Gain and Efficiency
Appendix D	Radiation Pattern (1D and 3D)

5. Test Photo

Report Section	Description
Appendix E	Test Setup Photo

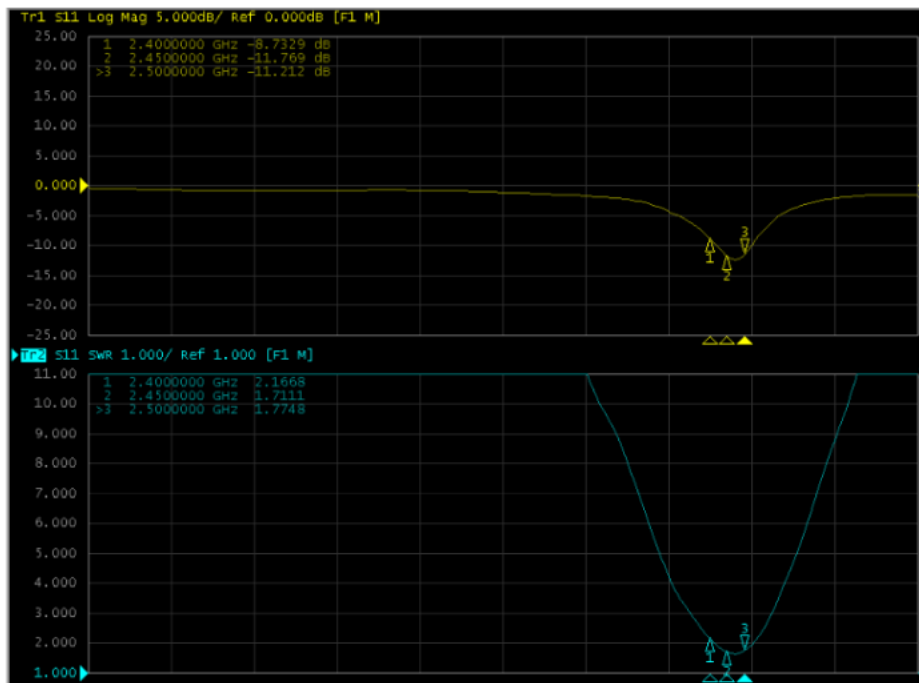
Appendix A Antenna Dimension



单位: mm

Unit

Appendix B S11/VSWR

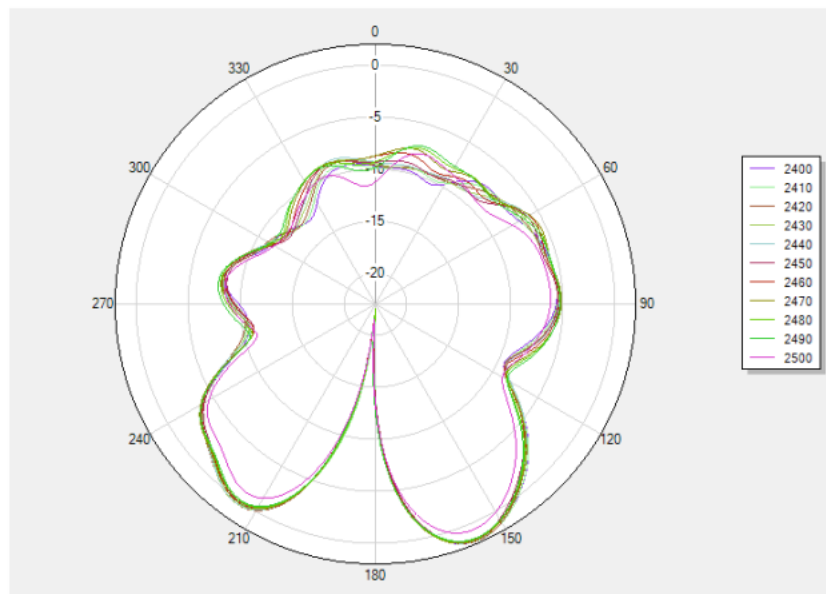
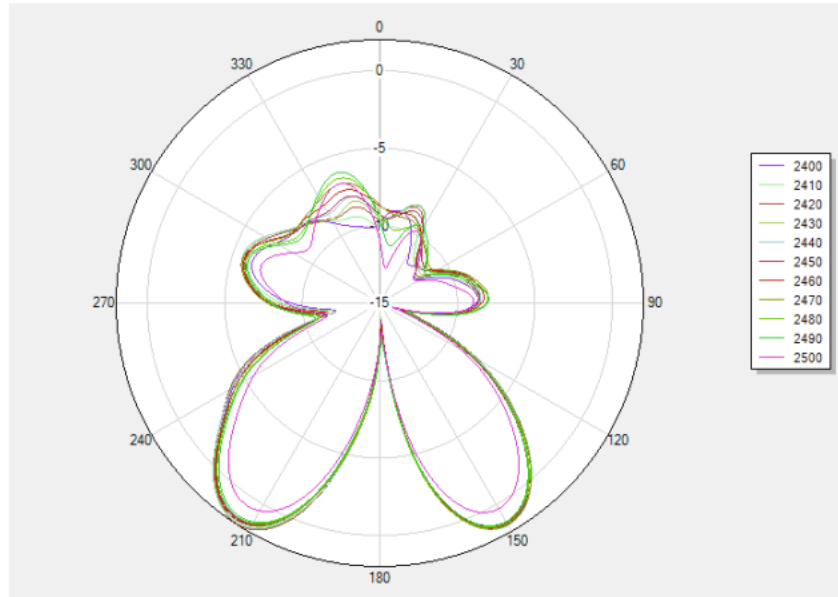


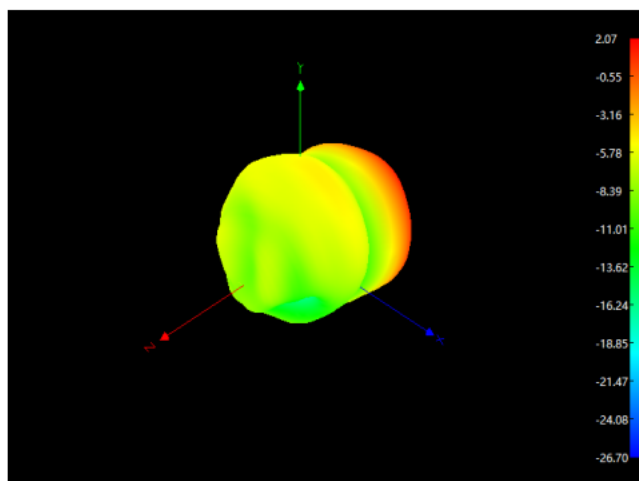
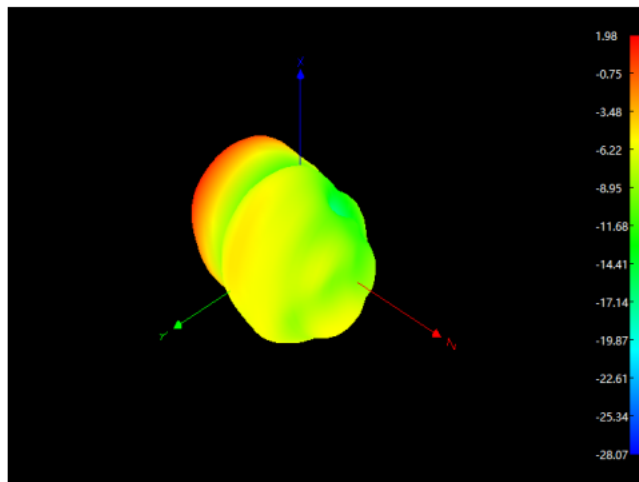
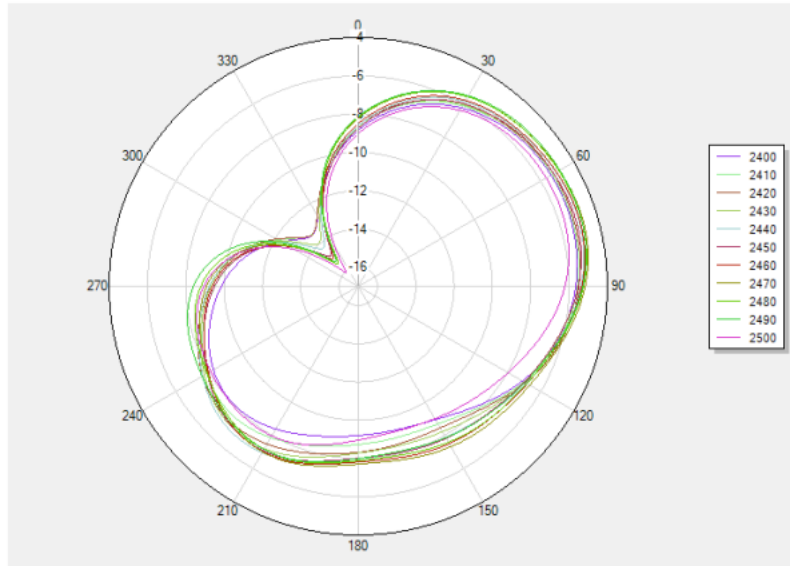
Frequency (MHz)	2400	2450	2500
Return Loss	-8.73	-11.76	-11.21
VSWR	2.16	1.71	1.77

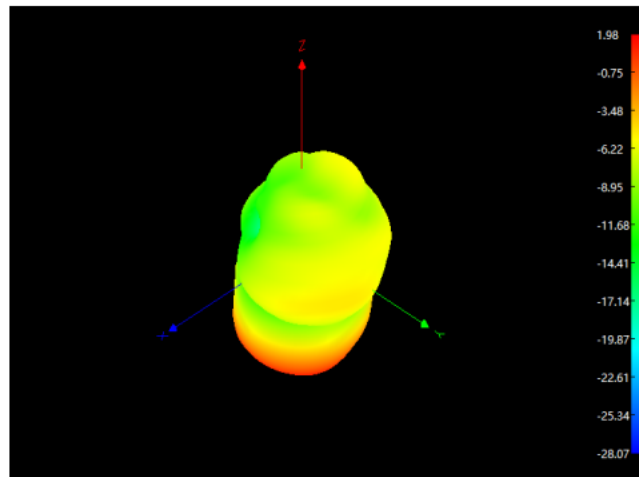
Appendix C Gain and Efficiency

Frequency (MHz)	Efficiency(%)	Gain (dBi)
2400	32.36%	1.81
2410	32.3%	1.85
2420	32.1%	1.86
2430	32.4%	1.87
2440	32.9%	1.90
2450	30.9%	1.69
2460	30.8%	1.68
2470	30.7%	1.66
2480	31.6%	1.76
2490	30.6%	1.65
2500	30.5%	1.63

Appendix D Radiation Pattern(1D and 3D)







Appendix E Test Setup Photo

