

Antenna
Test Report

CBLC5 Antenna test report

Version 1.0.0

Date: 2020-11-24

NO: 0000000001

Powered by



Intelligence
Inside

Product Name:	CBLC5
Antenna Type:	Monopole antenna
Writer:	Yinhua Zhang
Maximum	Gain: 2.69dBi
	Efficiency:68.39%

Content

1. General Description.....	3
2. Technical Information.....	3
3. Test Standards	3
4. Test Item.....	4
5. Test Photo	4
Appendix A Antenna Dimension	5
Appendix B S11/VSWR.....	5
Appendix C Gain and Efficiency.....	6
Appendix D Radiation Pattern(1D and 3D).....	7
Appendix E Test Setup Photo	9

1. General Description

EUT Name	CBLC5 Antenna
Wireless type	WIFI
Antenna Type	Monopole 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

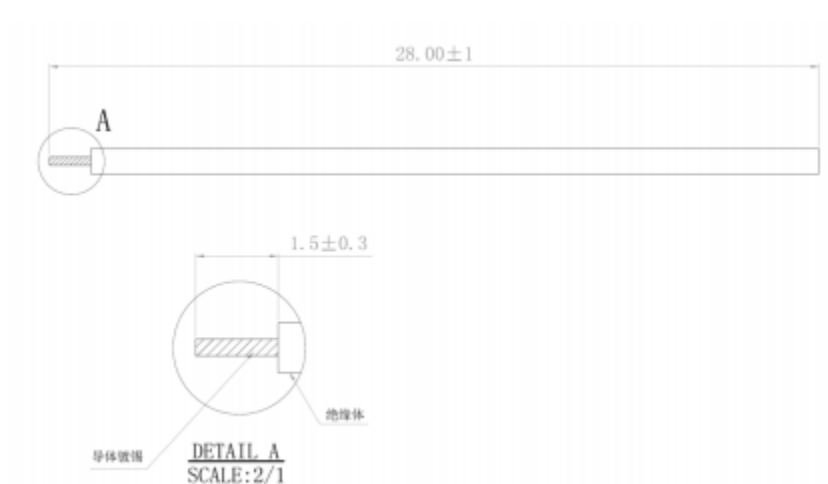
4. Test Item

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

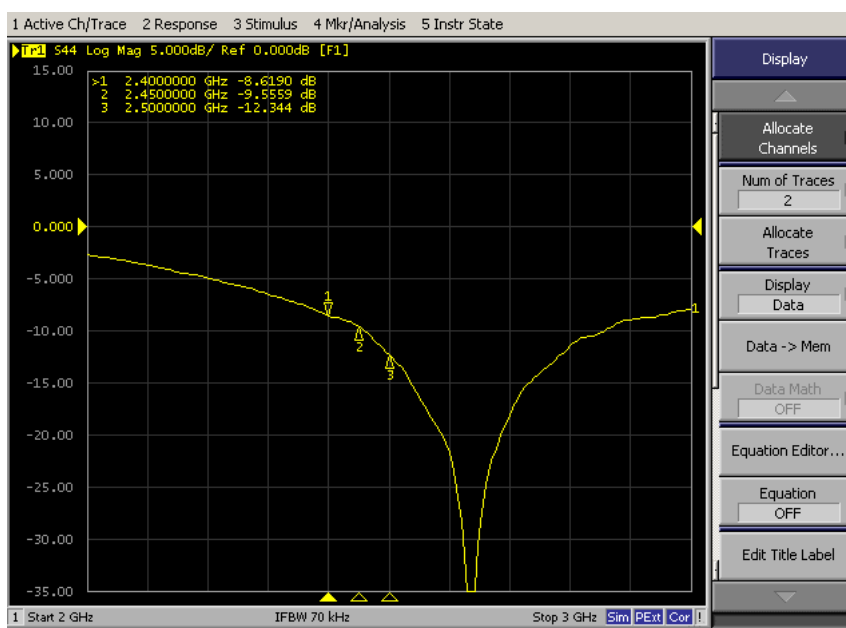
5. Test Photo

Report Section	Description
Appendix E	Test Setup Photo

Appendix A Antenna Dimension



Appendix B S11/VSWR

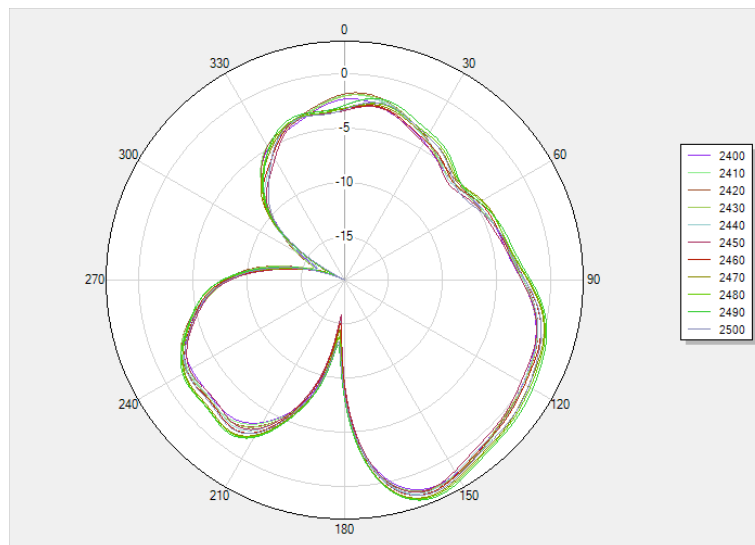
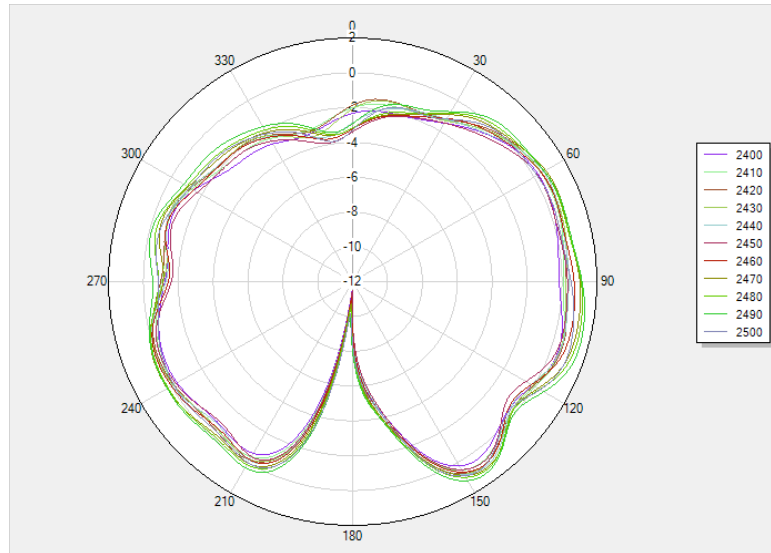


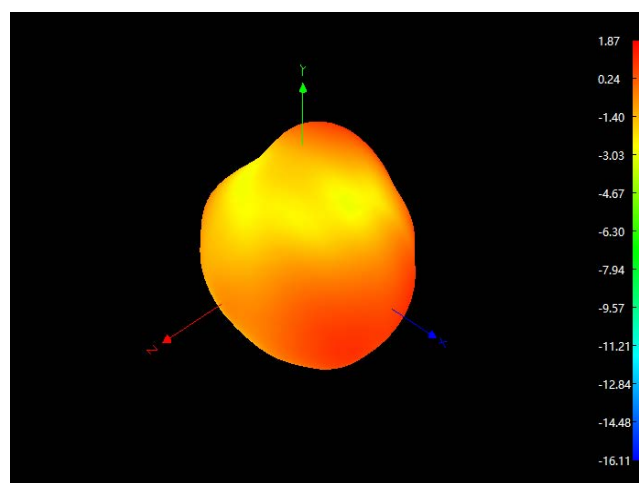
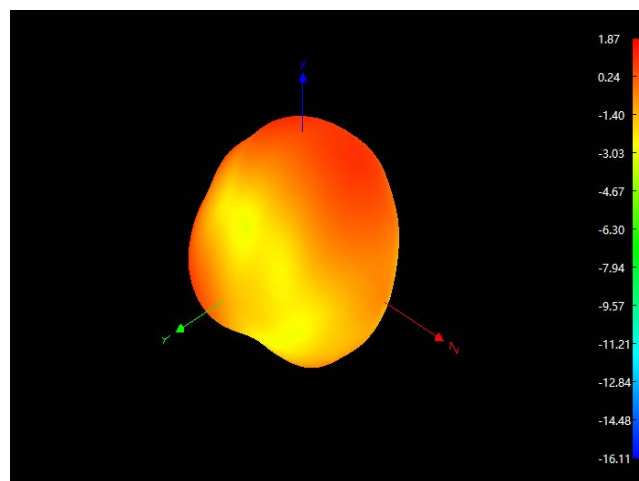
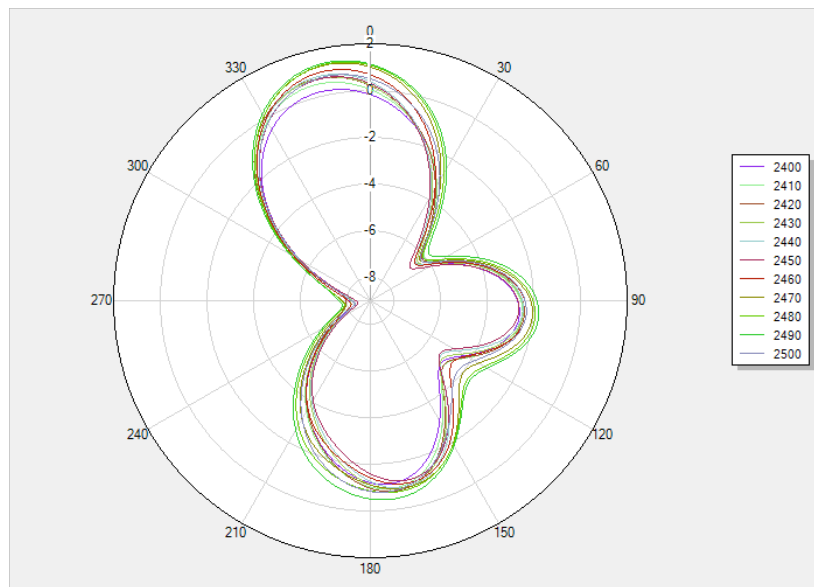
Frequency (MHz)	2400	2450	2500
Return Loss	-8.6	-9.5	-12.3

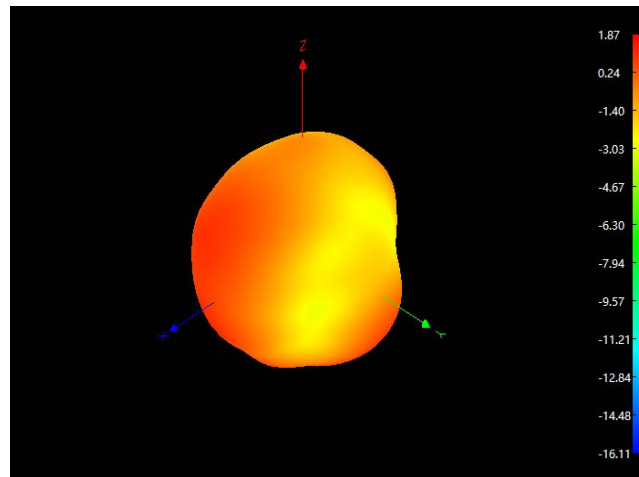
Appendix C Gain and Efficiency

Frequency (MHz)	Efficiency(%)	Gain (dBi)
2400	61.38	1.87
2410	63.24	2.02
2420	62.81	2.03
2430	62.81	1.93
2440	62.09	1.98
2450	59.02	1.79
2460	61.66	2.13
2470	64.86	2.4
2480	67.45	2.53
2490	68.39	2.69
2500	63.53	2.24

Appendix D Radiation Pattern(1D and 3D)







Appendix E Test Setup Photo

