

Antenna Test Report

CB3S Antenna test report

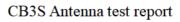
Version 1.0.0

Date: 2021-04-16

NO: 0000000001



Product Name:	CB3S
Antenna Type:	PCB antenna
Writer:	Jianwei Wang
Maximum	Gain: 1.37dBi
	Efficiency:47.2%





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1. General Description

EUT Name	CB3S Antenna
Wireless type	WIFI
Antenna Type	PCB antenna
Dimensions	Appendix A

2. Technical Information

Frequency Range	2402MHz~2480MHz	
Test Frequency	2400,24102500MHz	

3. Test Standards

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



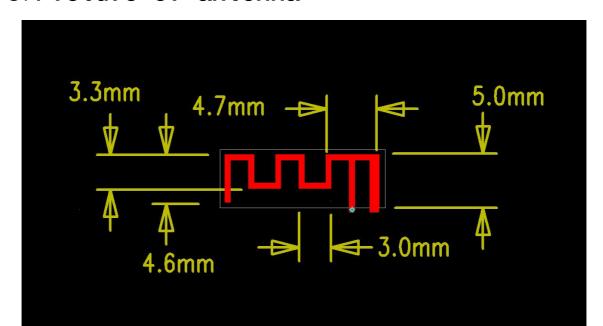
4. Test Item

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

5. Test Photo

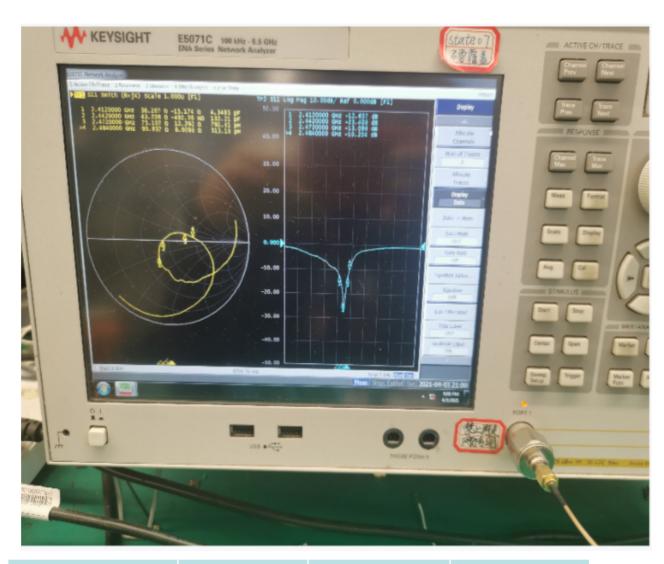
Report Section	Description
Appendix E	Test Setup Photo

6. Picture of antenna





Appendix B S11/VSWR



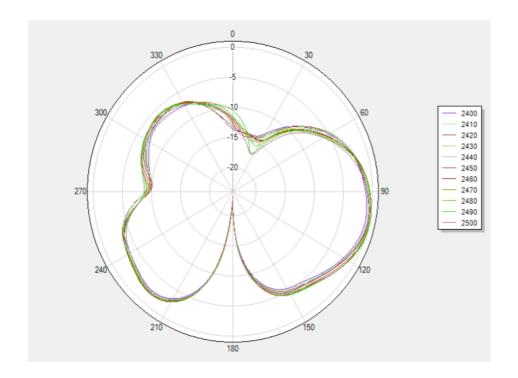
Frequency (MHz)	2400	2450	2500
Return Loss	-12	-23	-13

Appendix C Gain and Efficiency

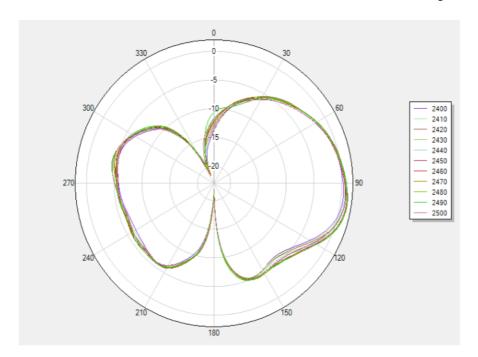


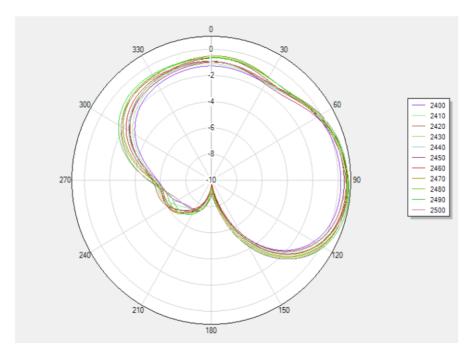
Frequency	Gain/	Efficiency
/ MHz	dB	/ %
2400	0.46	44.36
2410	0.71	45.71
2420	0.92	45.92
2430	0.91	45.6
2440	0.95	45.6
2450	0.93	45.29
2460	1.27	46.45
2470	1.37	46.88
2480	1.25	47.21
2490	1.24	46.67
2500	1.05	44.87

Appendix D Radiation Pattern(2D)











Appendix E Test Setup Photo

