

Antenna
Test Report

CB3SAntenna test report

Version 1.0.0

Date:2021-04-16

NO:0000000001



Product Name:	CB3S
Antenna Type:	contact antenna
Writer'	Jianwei Wang
Maximum	Gain:0.58dBi
	Efficiency:47.2%

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1. General Description

EUT Name	CB3S Antenna
Wireless type	BT
Antenna Type	contact 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

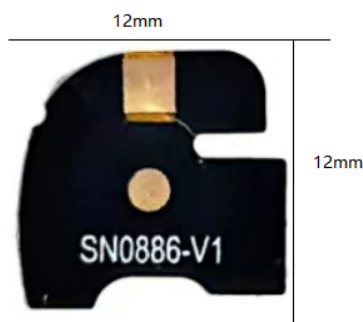
4. Test Item

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

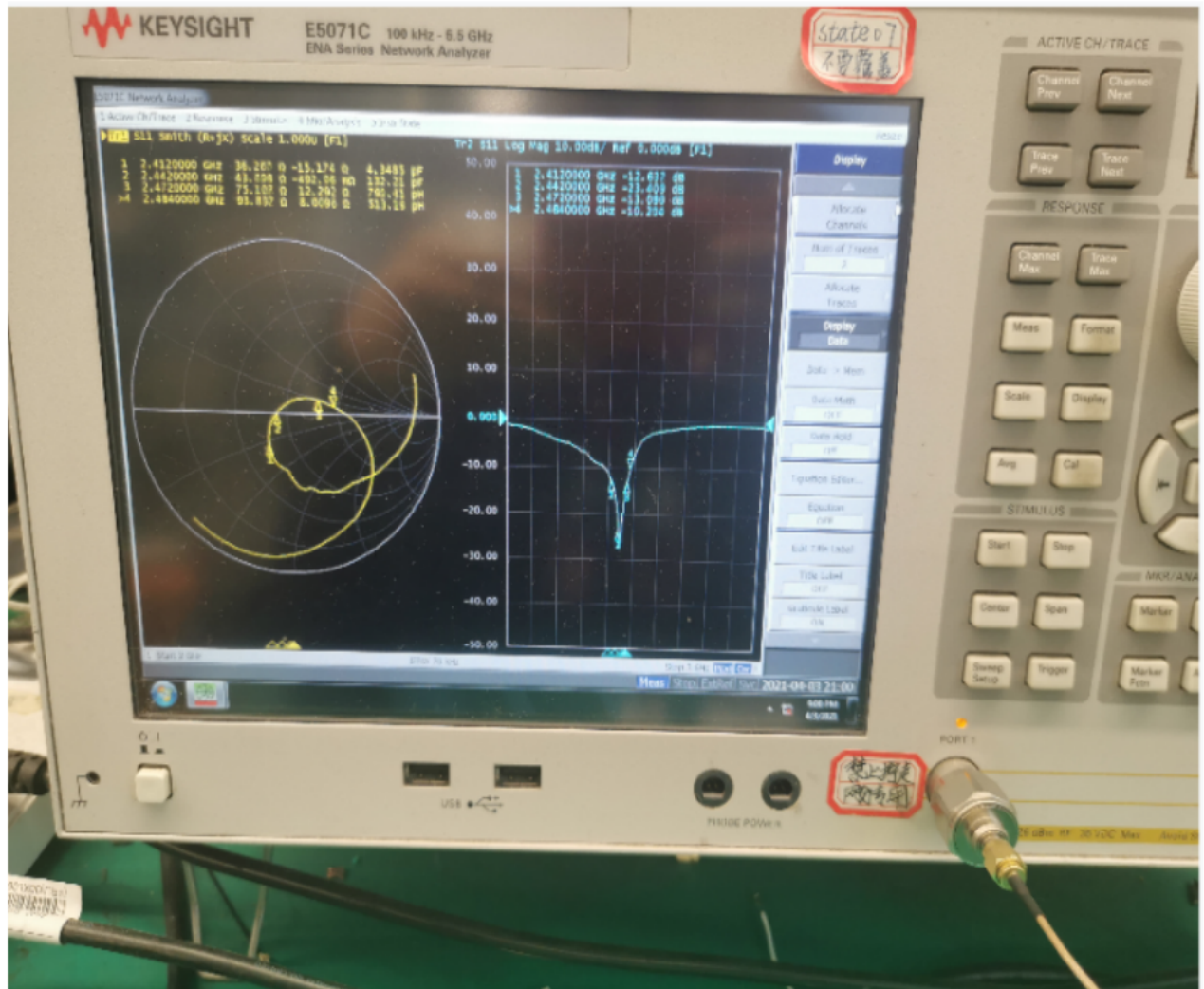
5. Test Photo

Report Section	Description
Appendix E	Test Setup Photo

6. Picture of antenna



Appendix B S11/VSWR



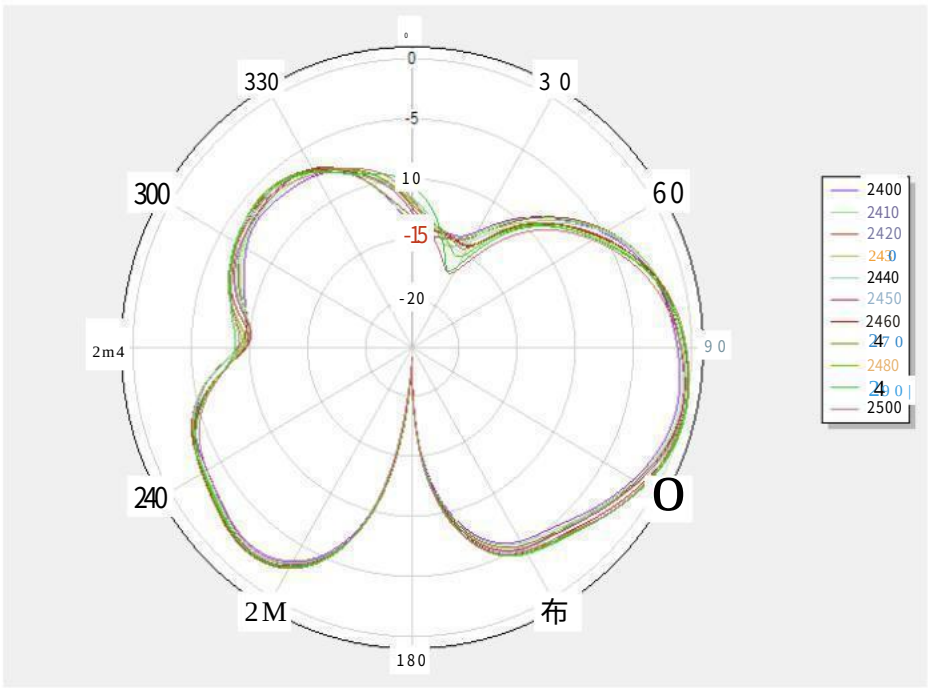
Frequency (MHz)	2400	2450	2500
Return Loss	-12	-23	-13

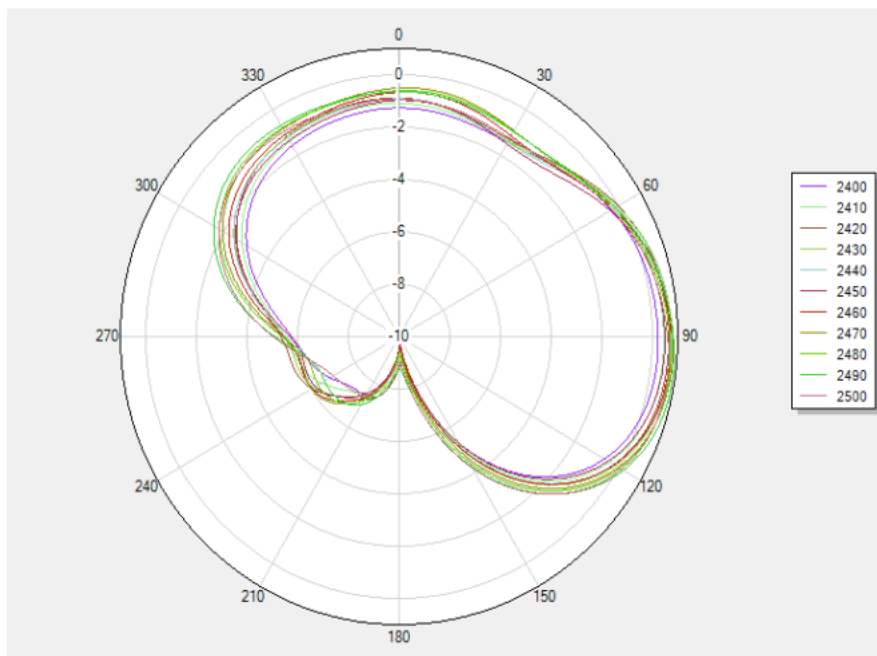
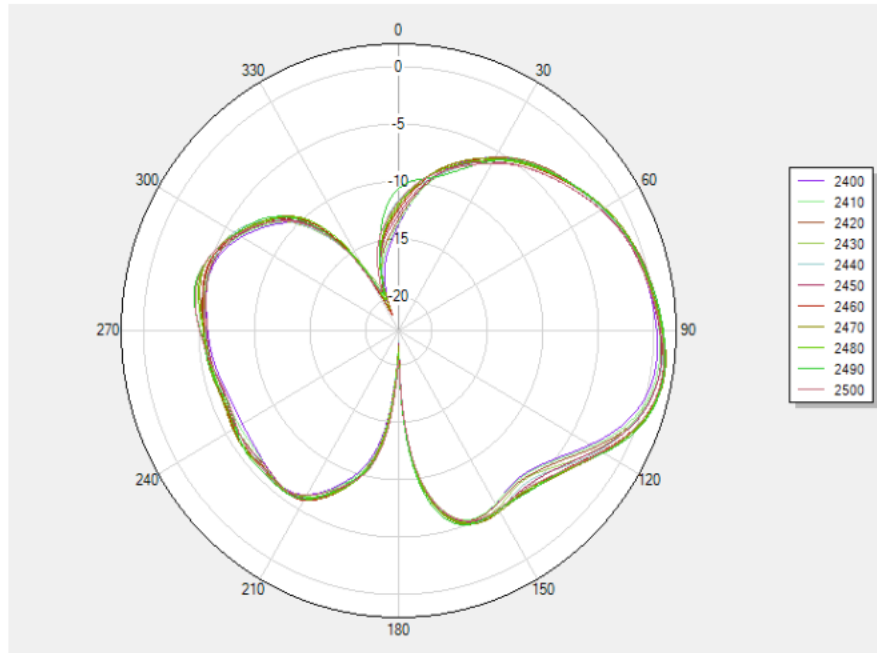
Appendix C Gain and Efficiency

Frequency Gain/ Efficiency
/ MHz dB / %

2400	0.23	45.21
2410	0.12	43.26
2420	0.17	42.98
2430	0.39	44.24
2440	0.52	46.59
2450	0.49	41.74
2460	0.25	35.69
2470	0.50	39.87
2480	0.57	45.78
2490	0.58	42.78
2500	0.51	36.98

Appendix D Radiation Pattern(2D)





Appendix E Test Setup Photo

