

8232 PCB Antenna test report

Product Name:	8232
Antenna Type:	PCB antenna
Writer:	He Lie
Maximum	Gain: 0.2dBi
	Efficiency:36.98%

Version 1.0

Date: 2022-07-15

NO: 0000000001

Manufacturer's name:

Shenzhen Guangchengda Circuit Technology Co., Ltd.

ADD:

2F, Building A6, Pengjin Industrial Park, Yanchuan North,
Songgang Town, Bao'an District, Shenzhen, CHINA

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1. General Description

EUT Name	8232 Antenna
Wireless type	Bluetooth
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

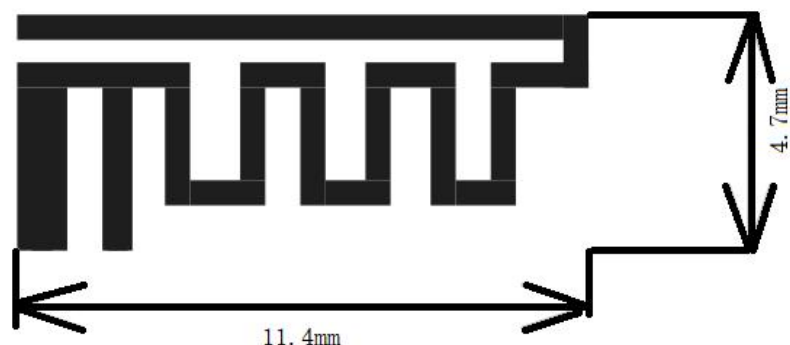
4. Test Item

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

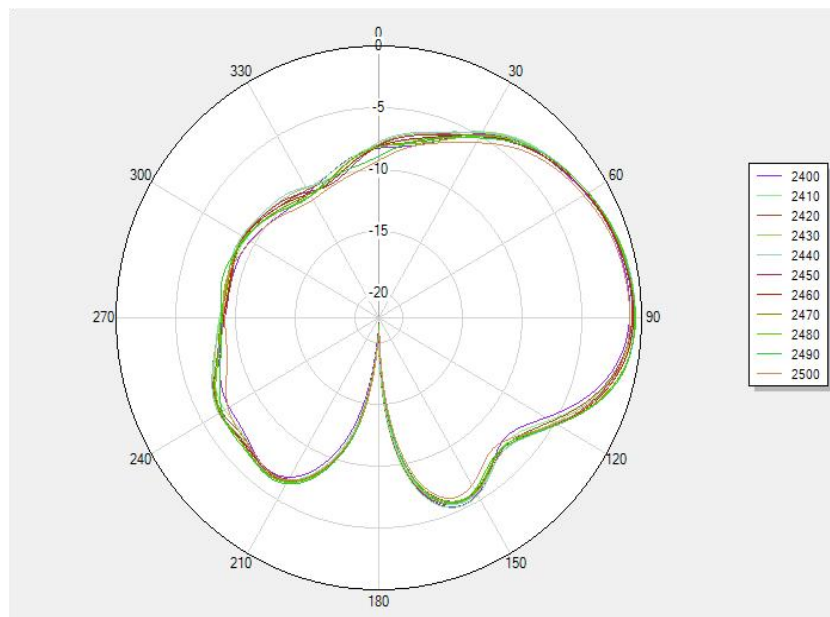
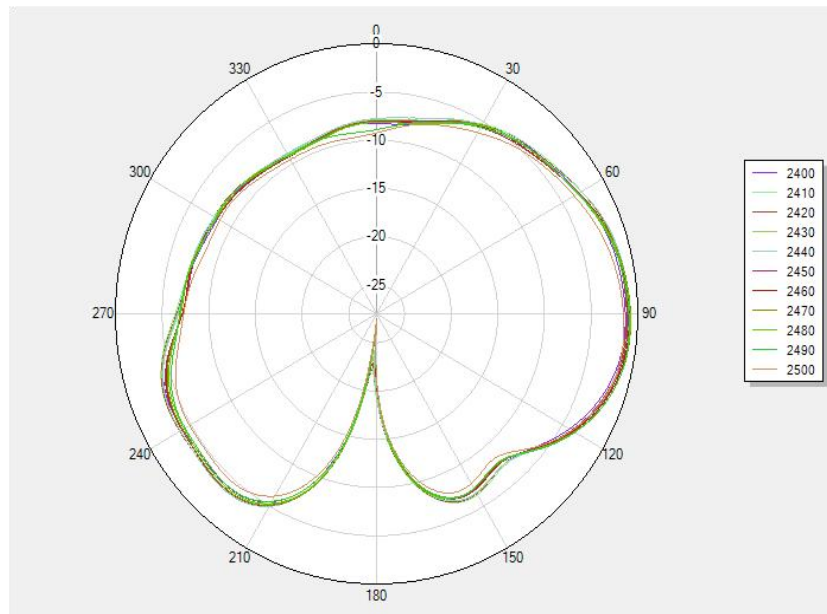


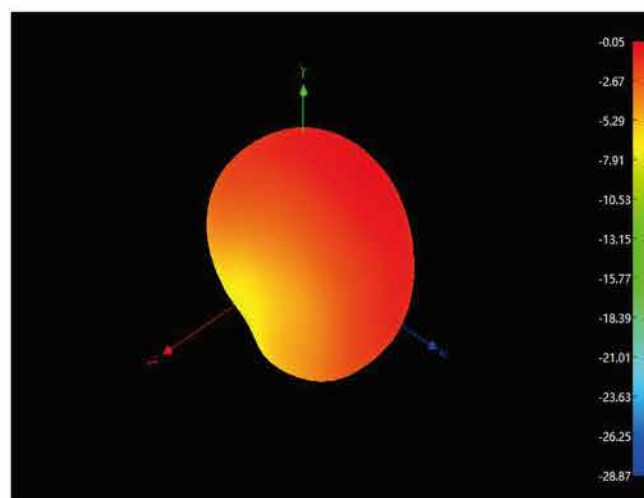
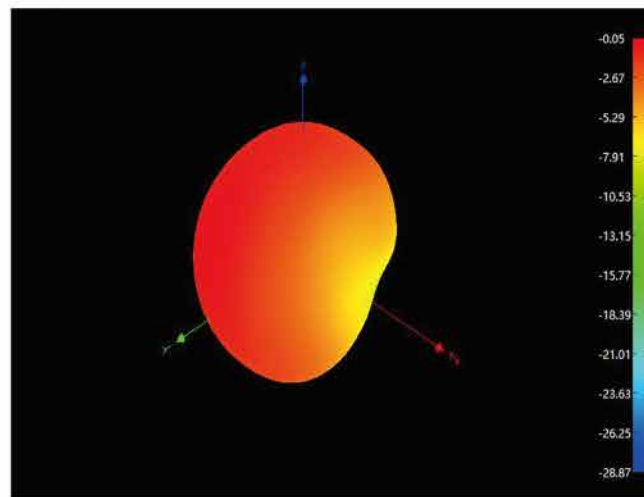
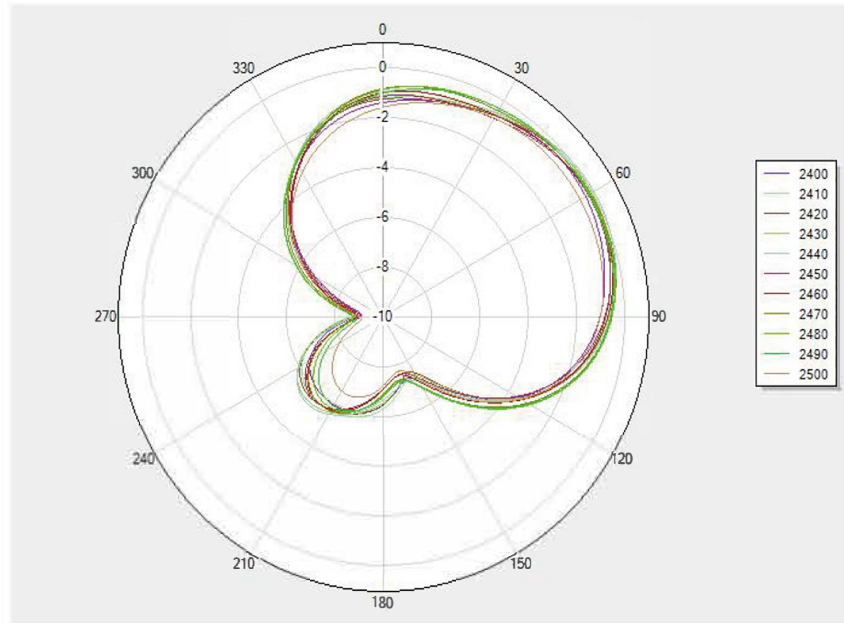
Appendix B Gain and Efficiency

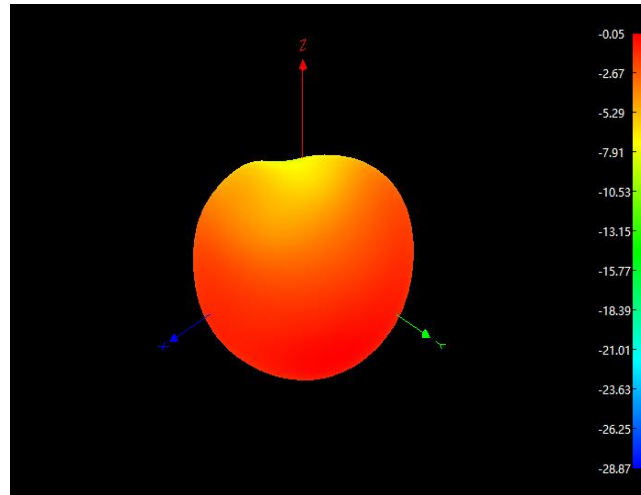
Frequency (MHz)	Efficiency(%)	Gain (dBi)
2400	35.08%	-0.23
2410	36.56%	-0.01
2420	35.56%	-0.1
2430	36.56%	0.02
2440	36.98%	0.2
2450	35.56%	-0.05
2460	35.16%	0.04
2470	35.16%	0.17
2480	35.81%	0.13

2490	34.75%	0.15
2500	32.28%	-0.31

Appendix C Radiation Pattern(1D and 3D)







Appendix D Test Setup Photo

