

Antenna
Test Report

HEWRQU1 Antenna test report

Version 1.0.0

Date: 2021-04-16

NO: 0000000001

Powered by



Intelligence
Inside

Product Name:	HEWRQU1
Antenna Type:	PCB antenna
Writer:	Jianwei Wang
Maximum	Gain: 2.00dBi
	Efficiency:56.89%

Content

1. General Description	3
2. Technical Information	3
3. Test Standards	3
4. Test Item	4
5. Test Photo	4
Appendix A Dimensions	5
Appendix B Gain and Efficiency	5
Appendix C Radiation Pattern	6
Appendix D Test Setup Photo	9

1. General Description

EUT Name	HEWRQU1 Antenna
Wireless type	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	Gain and Efficiency
Appendix C	Radiation Pattern

5. Test Photo

Report Section	Description
Appendix D	Test Setup Photo

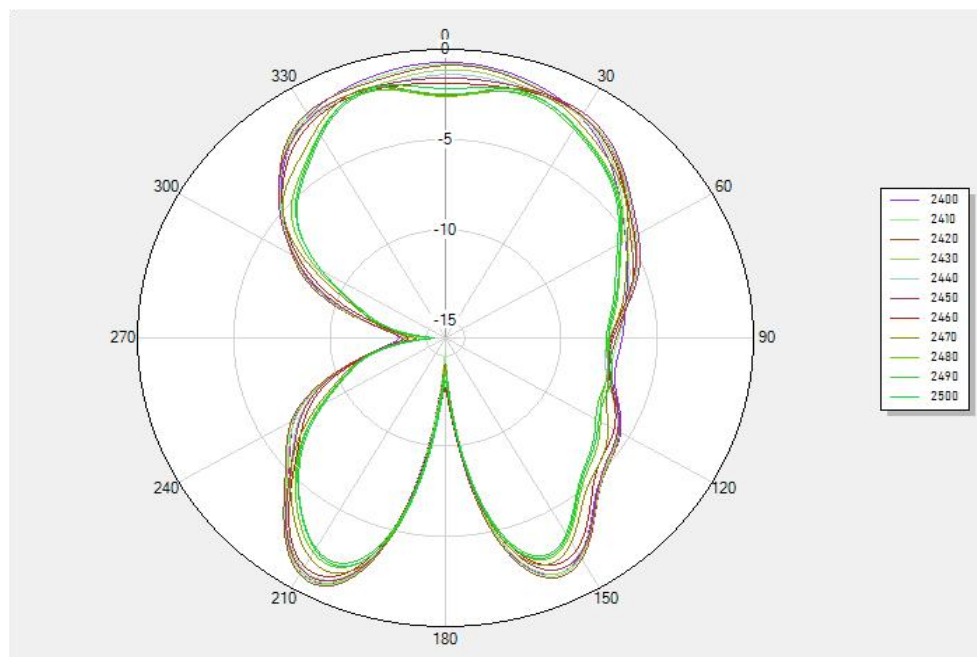
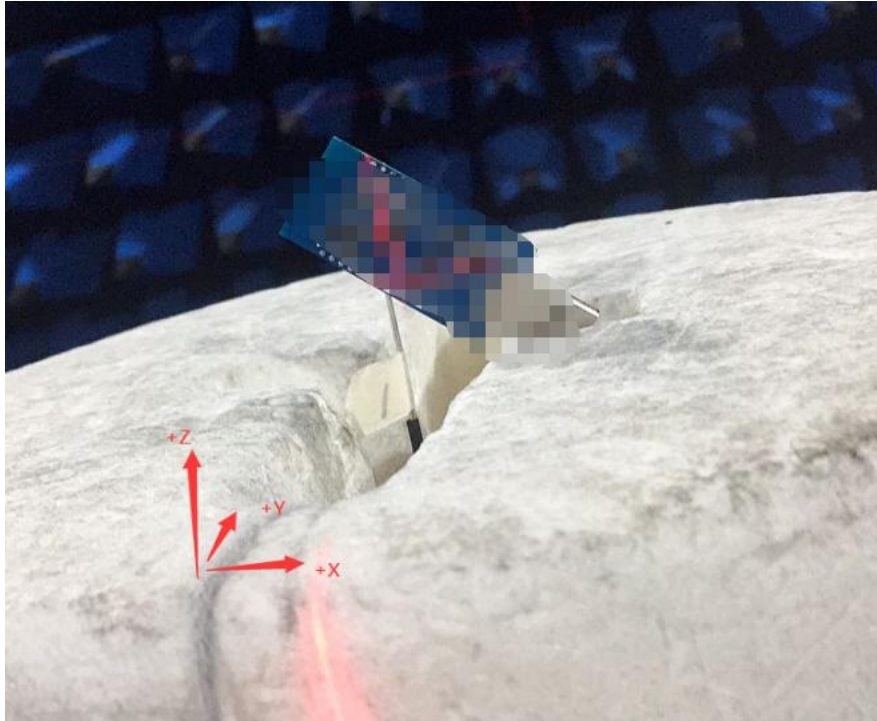
Appendix A Dimensions

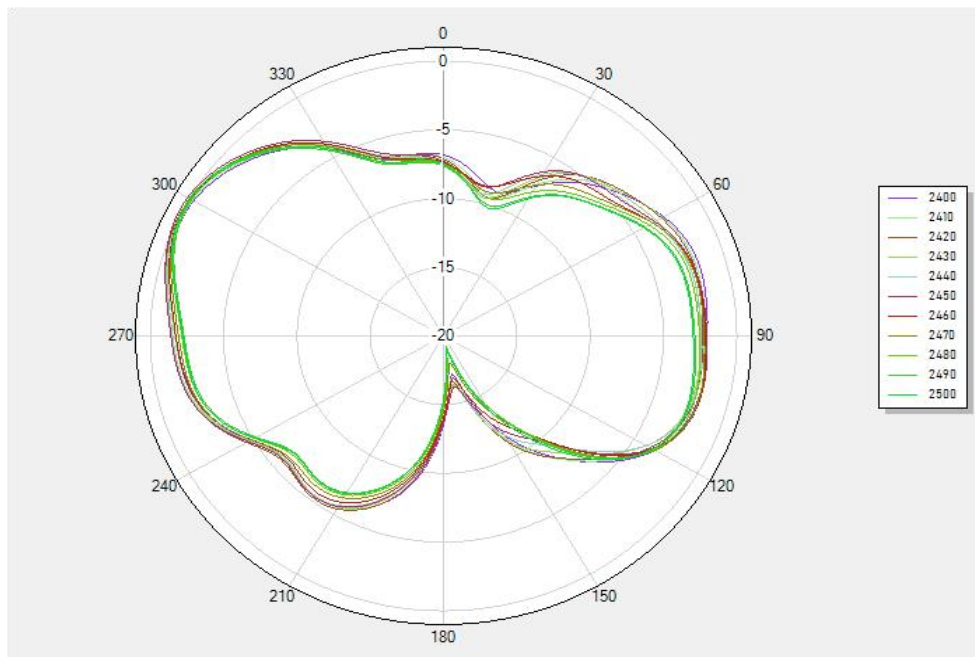
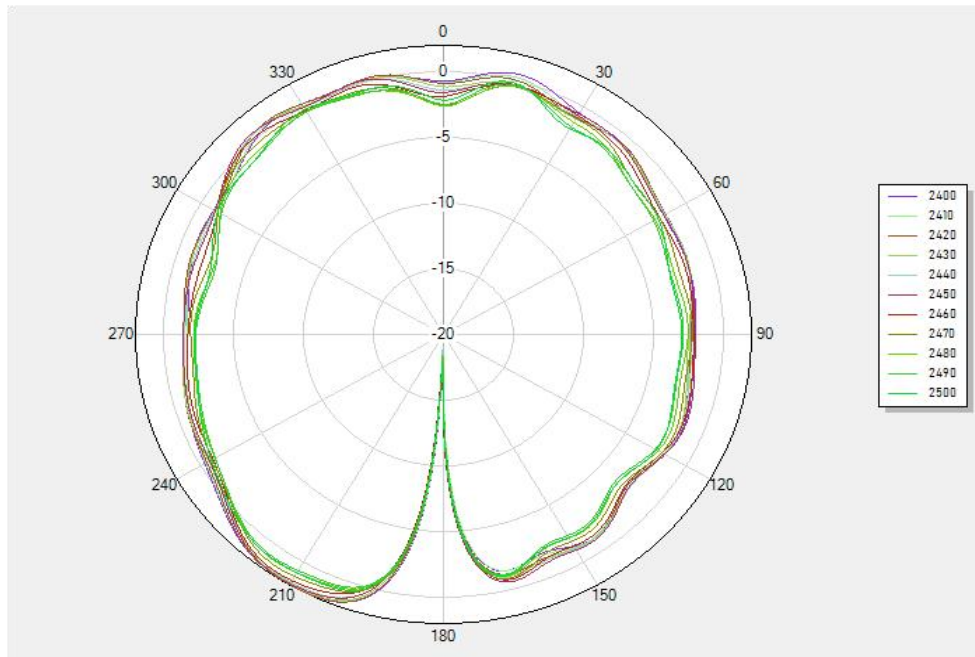


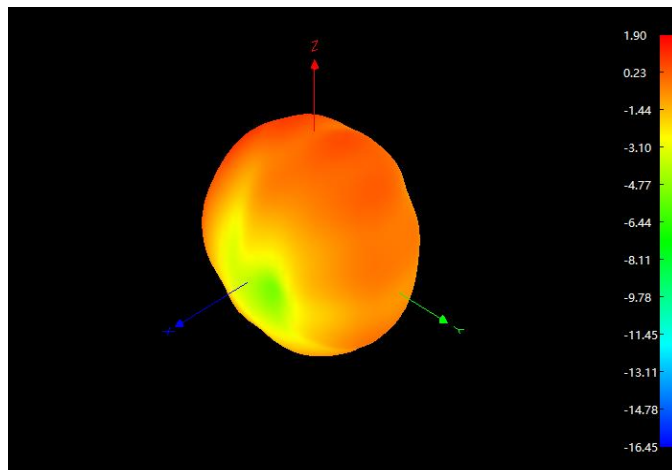
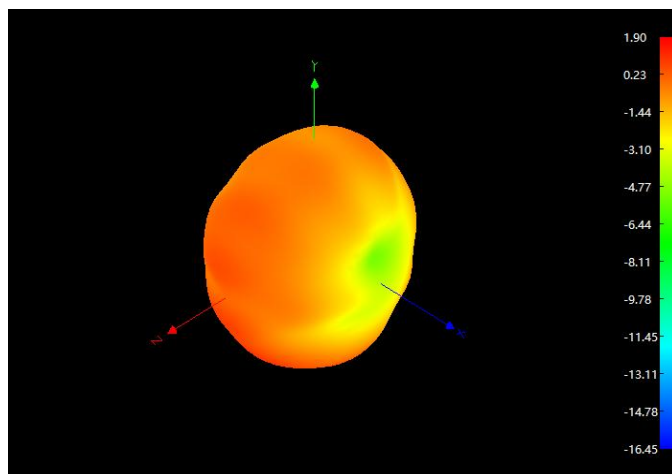
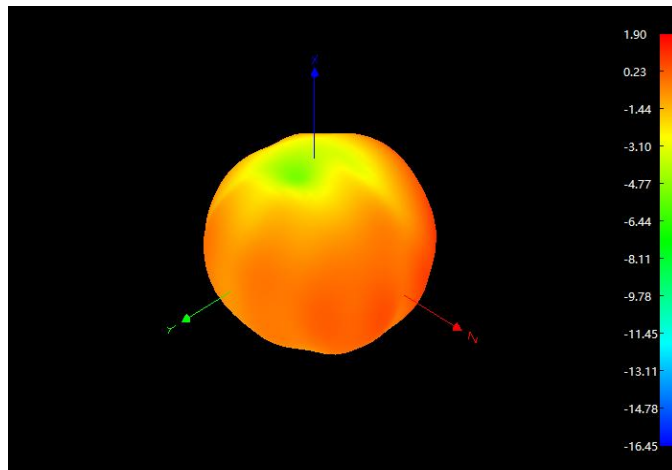
Appendix B Gain and Efficiency

Frequency / MHz	Efficiency dB	Efficiency / %	Gain/ dB
2400	-2.5	56.23	1.89
2410	-2.63	54.58	1.84
2420	-2.62	54.7	2.0
2430	-2.61	54.83	1.9
2440	-2.61	54.83	1.77
2450	-2.45	56.89	1.92
2460	-2.68	53.95	1.68
2470	-3	50.12	1.34
2480	-3.29	46.88	1.05
2490	-3.46	45.08	0.87
2500	-3.35	46.24	1

Appendix C Radiation Pattern







Appendix D Test Setup Photo

