

Antenna
Test Report

TS24-U Antenna Specification

Version 1.0.0Date: 2022-11-03NO: 0000000001



Product Name:	TS24-U
Antenna Type:	PCB antenna
Writer:	Xiaonian Zheng
Maximum	Gain: -1dBi(Max)
	Efficiency:34.28%

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1. General Description

EUT Name	TS24-U Antenna
Wireless type	Thread
Antenna Type	PCB antenna
Dimensions	Appendix A

2. Technical Information

Frequency Range	2405MHz~2480MHz
Test Frequency	2405,2410.....2480MHz

3. Test Standards

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

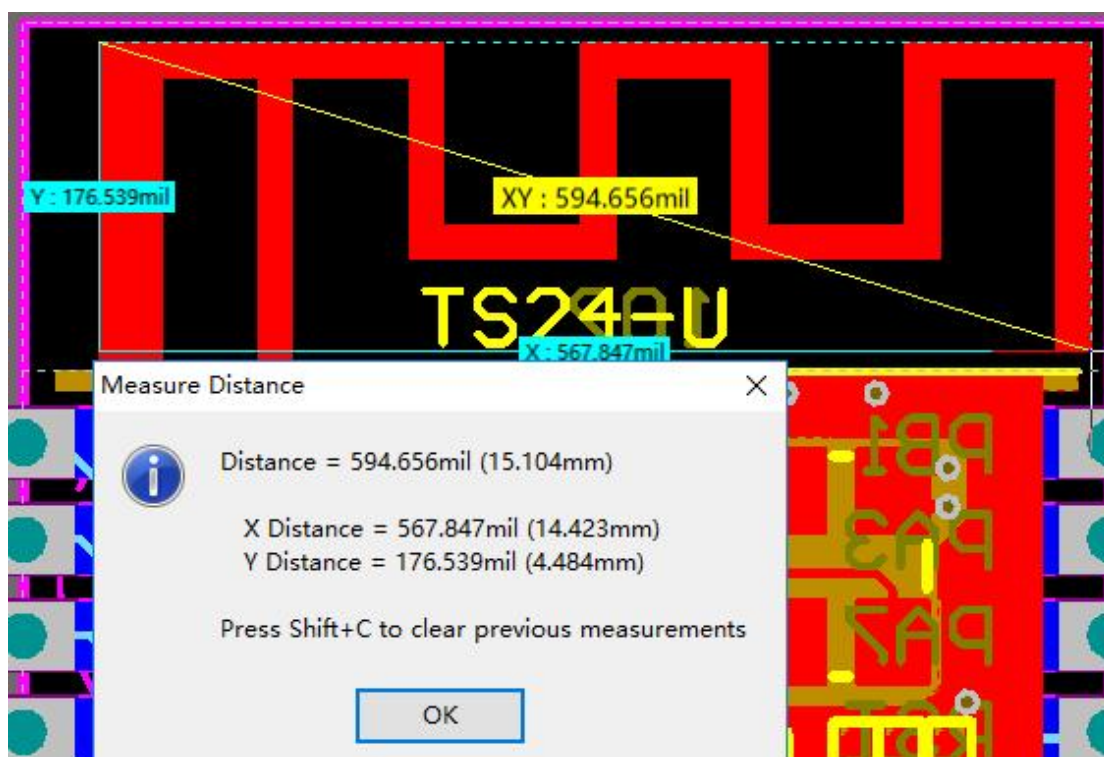
4. Test Item

Report Section	Description
Appendix B	Gain and Efficiency
Appendix C	Radiation Pattern

5. Test Photo

Report Section	Description
Appendix D	Test Setup Photo

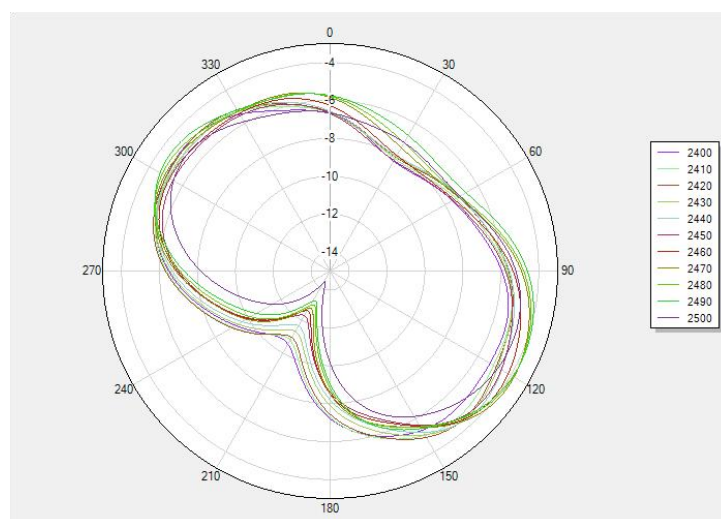
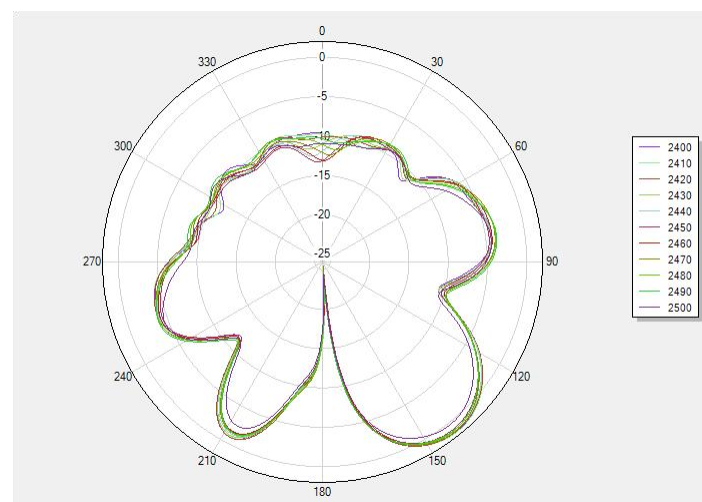
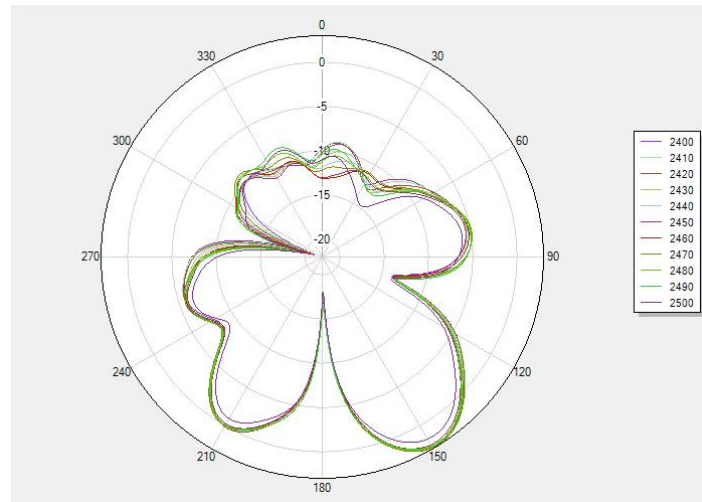
Appendix A Dimensions

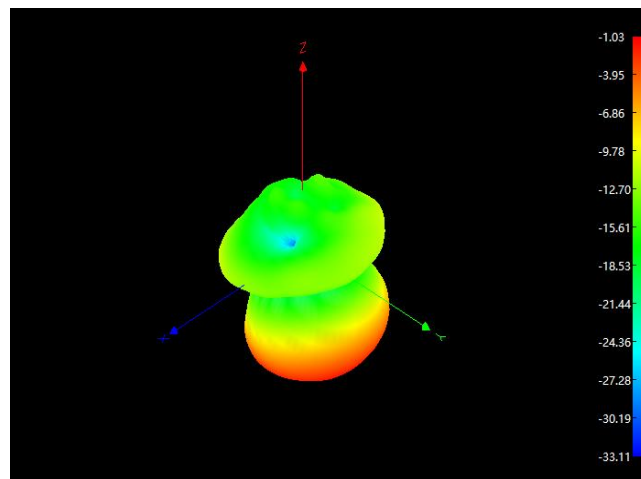
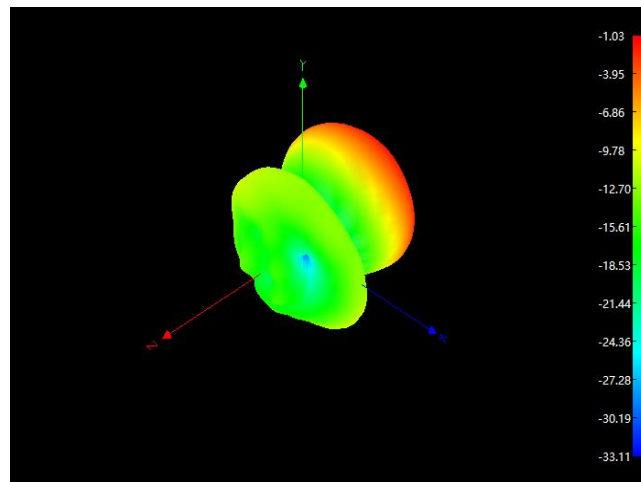
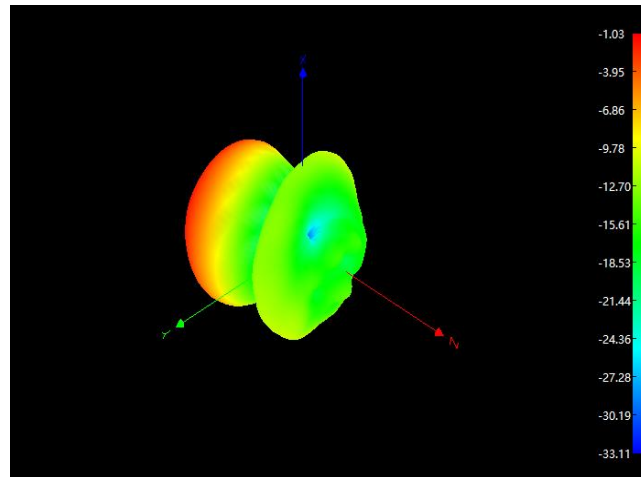


Appendix B Gain and Efficiency

Frequency / MHz	Efficiency / dB	Efficiency / %	Gain/ dB
2400	-4.77	33.34	-1.96
2410	-4.72	33.73	-1.49
2420	-4.66	34.2	-1.45
2430	-4.65	34.28	-1.19
2440	-4.67	34.12	-1
2450	-4.69	33.96	-1.1
2460	-4.71	33.81	-1.52
2470	-4.78	33.27	-1.77
2480	-4.9	32.36	-2.51
2490	-4.98	31.77	-2.85
2500	-5.11	30.83	-3.62

Appendix C Radiation Pattern





Appendix D Test Setup Photo

