

Antenna
Test Report

Antenna test report

Version 1.0.0

NO: 000000001



Antenna Type:	PCB antenna
Writer:	Tiny
Maximum	Gain: 0dBi (Max)
	Efficiency:34.28%



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1. General Description

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

2. Technical Information

Frequency Range	2400MHz~2500MHz
Test Frequency	2400,2410.....2500MHz

3. Test Standards

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



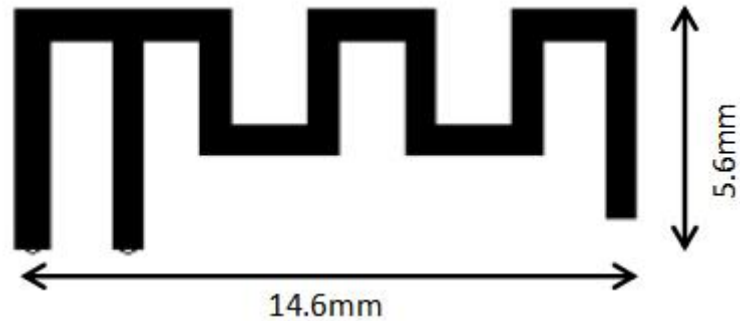
4. Test Item

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

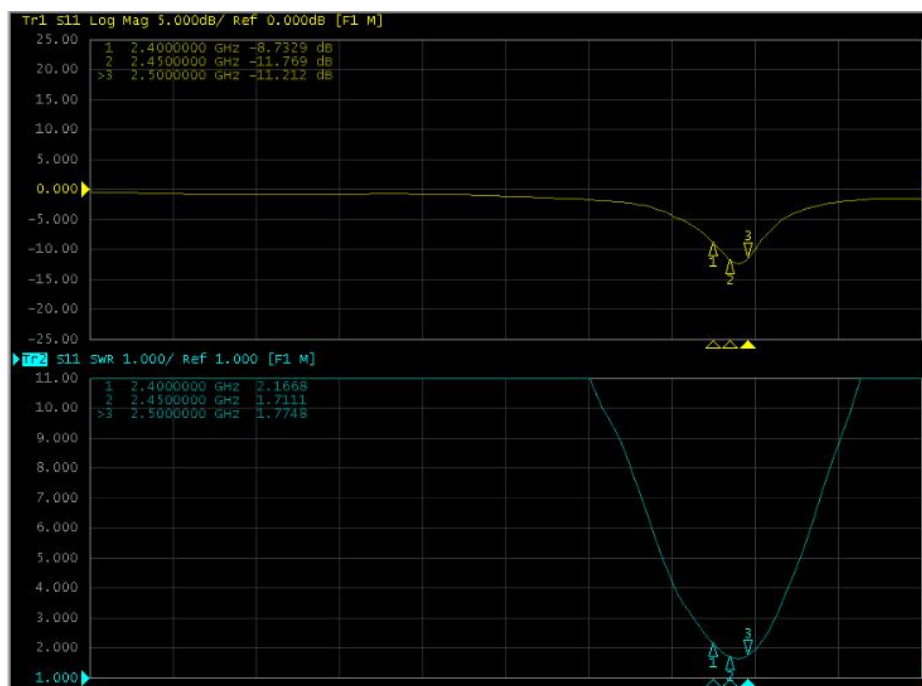
5. Test Photo

Report Section	Description
Appendix E	Test Setup Photo

Appendix A Antenna Dimension



Appendix B S11/VSWR



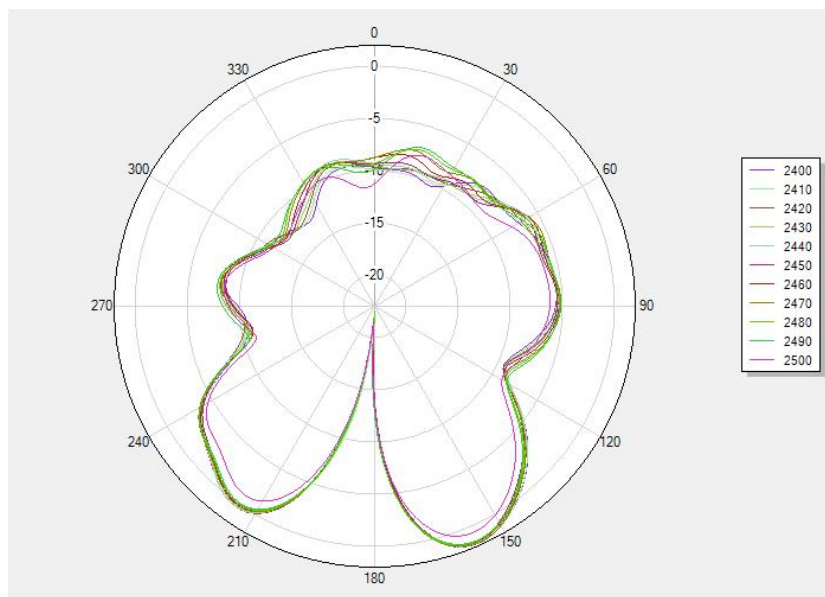
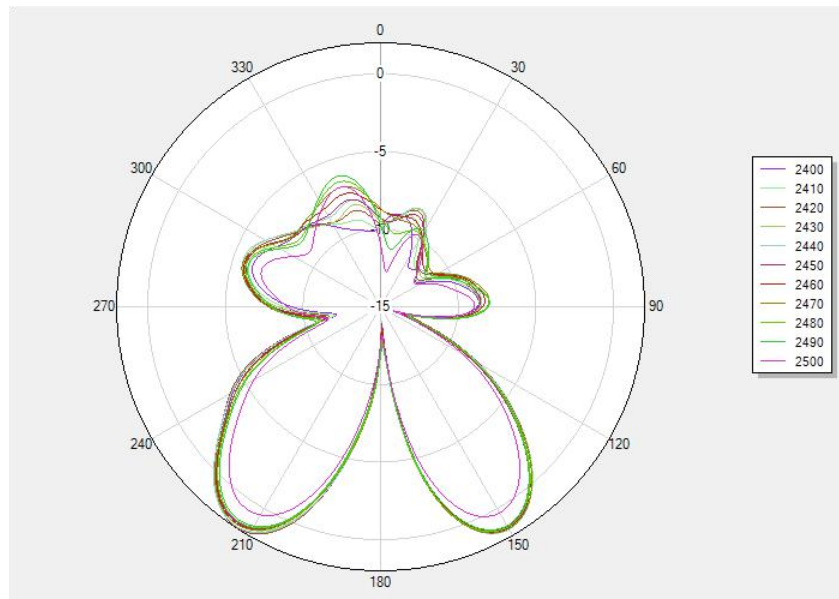
Frequency (MHz)	2400	2450	2500
Return Loss	-8.73	-11.76	-11.21
VSWR	-2.16	-1.71	-1.77



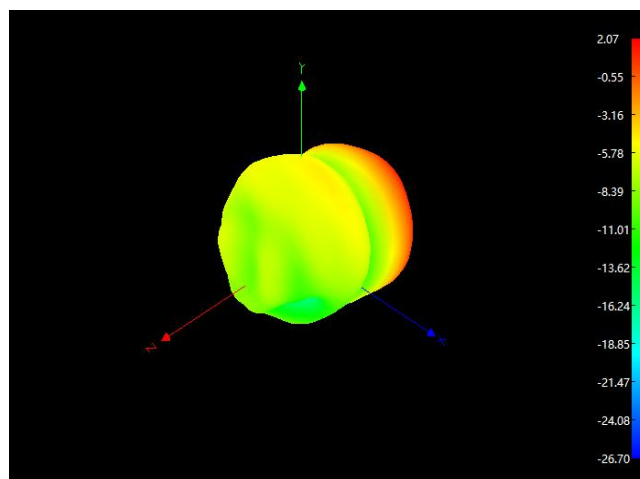
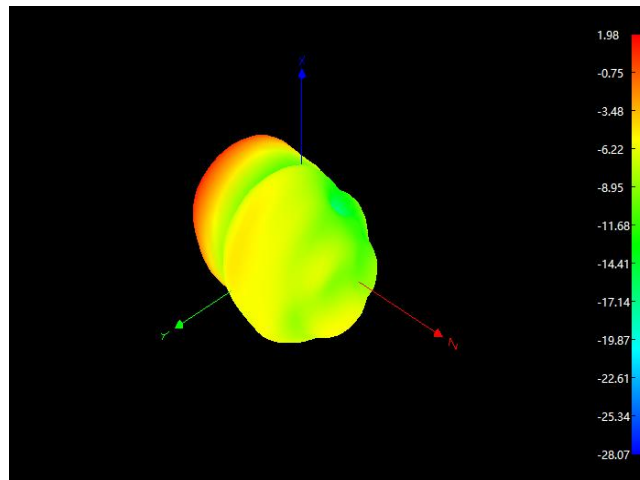
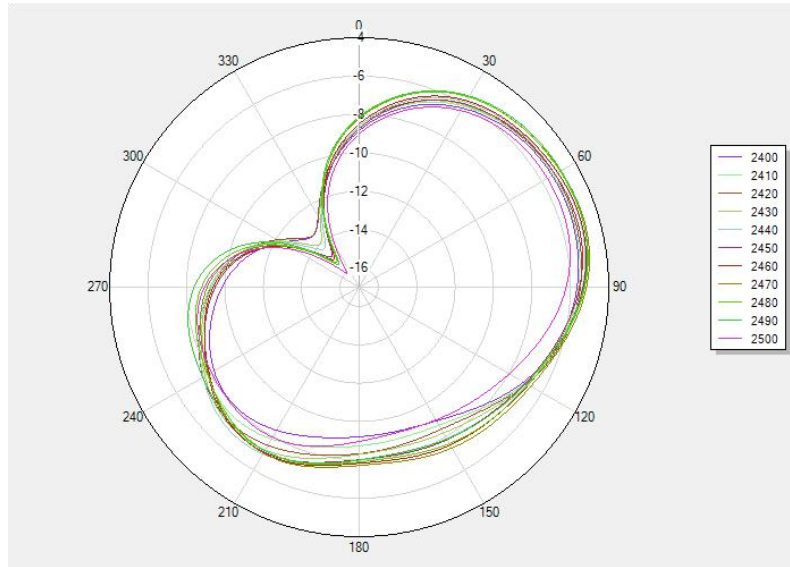
Appendix C Gain and Efficiency

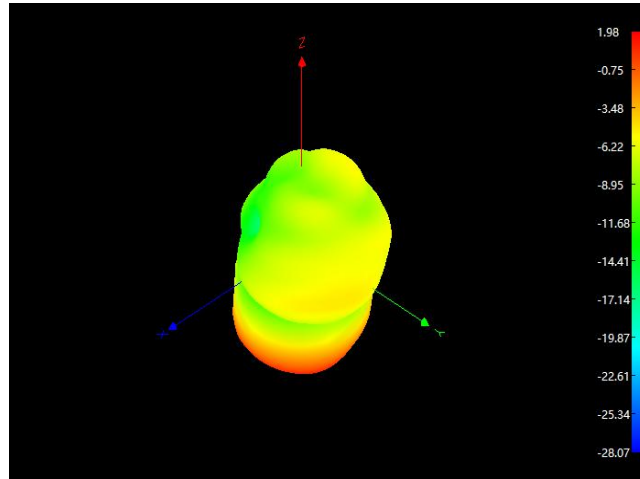
Frequency (MHz)	Efficiency(%)	Gain (dBi)
2400	31.99%	-0.21
2410	32.06%	-0.2
2420	31.62%	-0.31
2430	31.99%	-0.43
2440	34.28%	0 (MAX)
2450	33.11%	-0.57
2460	33.73%	-0.9
2470	33.96%	-0.94
2480	32.21%	-0.58
2490	32.28%	-0.69
2500	29.38%	-0.23

Appendix D Radiation Pattern(1D and 3D)



tuya^{ai}





Appendix E Test Setup Photo

