

FTY-G284

Antenna Specification

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Customer Approval

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Signature Shijian Li

Date 2022-3-15

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1. Product Description

Product Name	FTY-G284
Antenna Type	PCB antenna
Maximum	Gain:0.04dBi
	Efficiency:27.48%

2. General Description

EUT Name	FTY-G284 Antenna
Wireless type	WIFI
Antenna Type	PCB antenna
Dimensions	Appendix A

3. Technical Information

Frequency Range	2402MHz~2480MHz
Test Frequency	2400,2410.....2500MHz

4. Test Standards

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

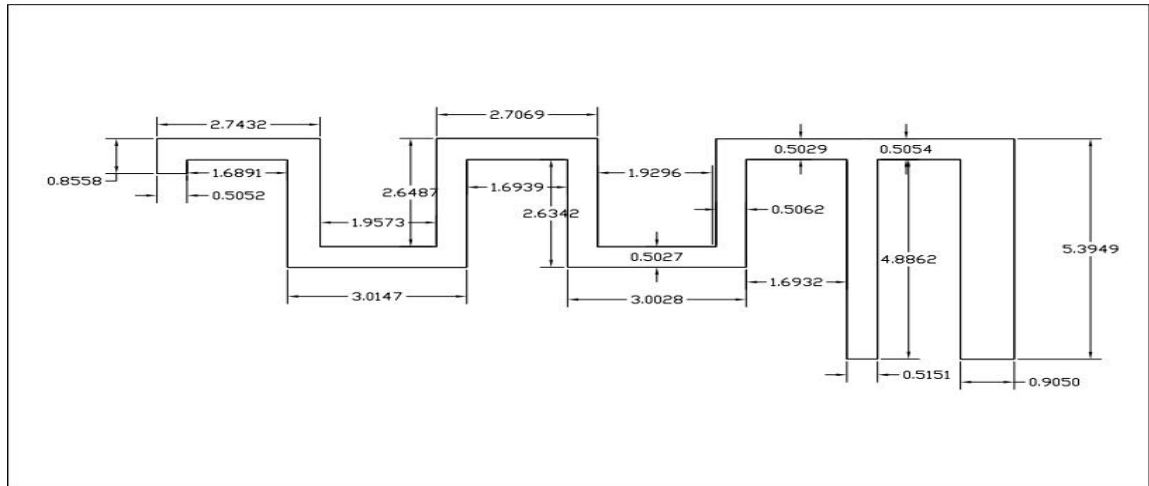
5. Test Item

Report Section	Description
Appendix B	S11A/SWR
Appendix C	Gain and Efficiency
Appendix D	Radiation Pattern (1D and 3D)

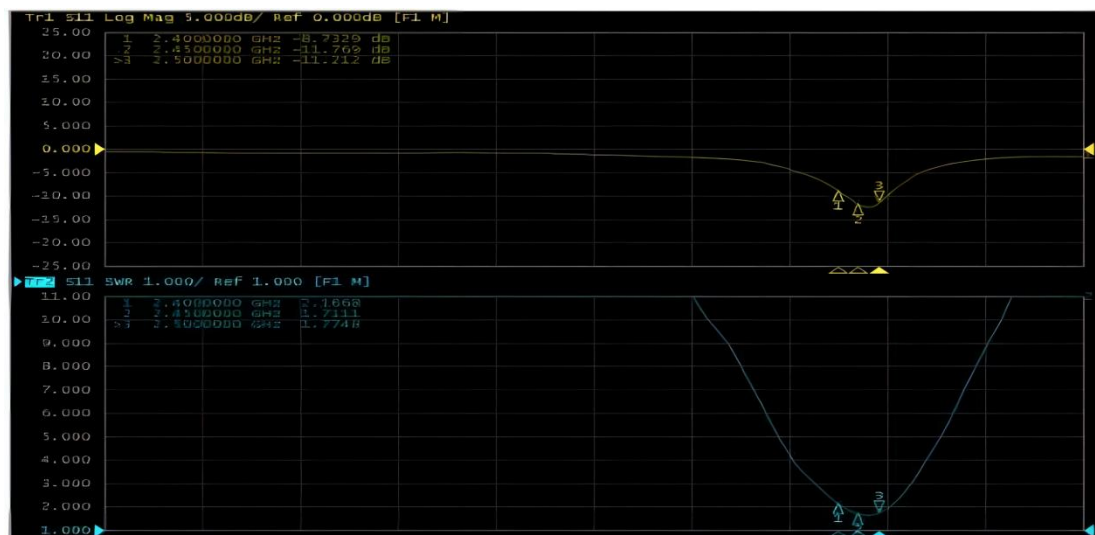
6. Test Photo

Report Section	Description
Appendix E	Test Setup Photo

7. Appendix A Antenna Dimension



8. Appendix B SII/VSWR

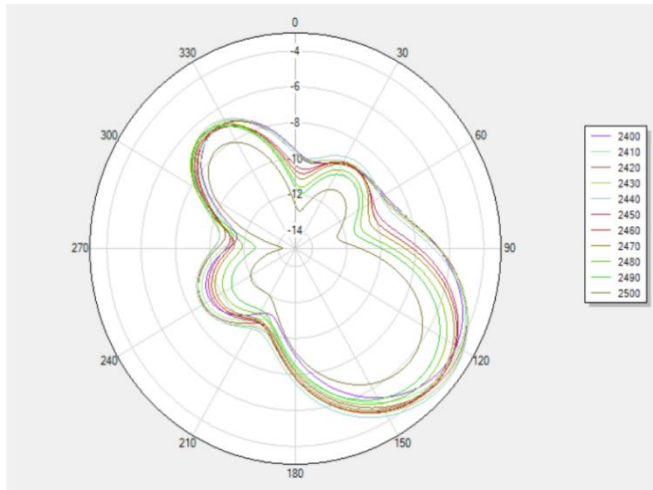
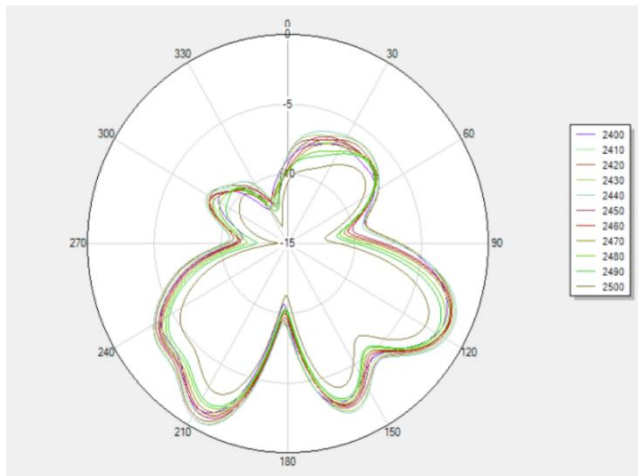
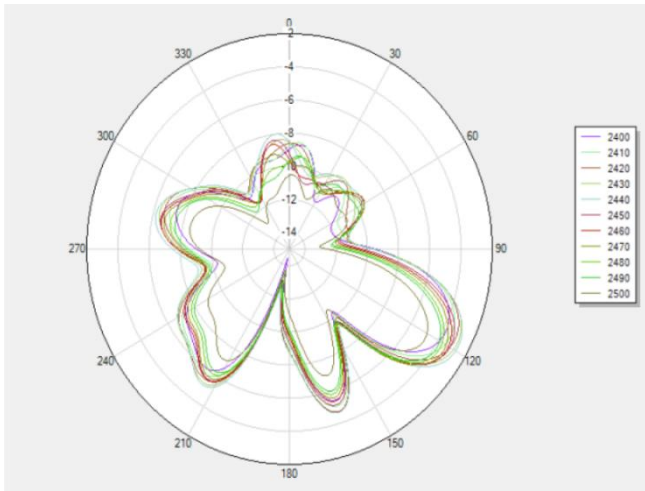


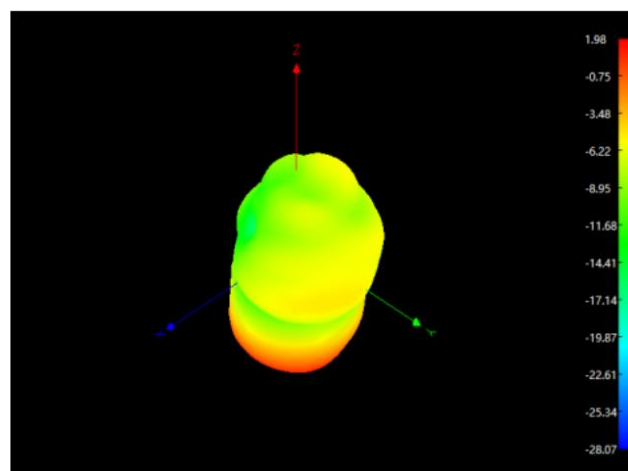
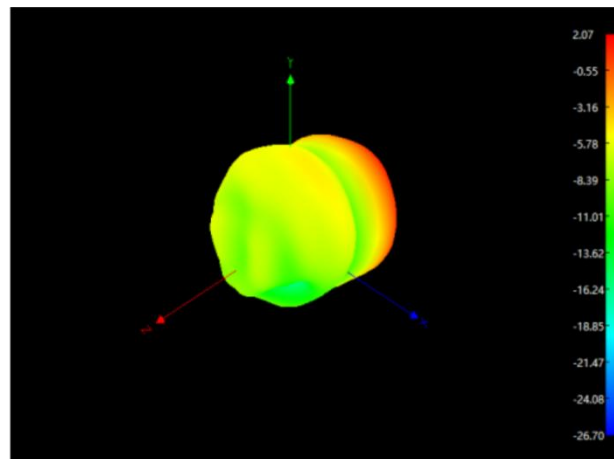
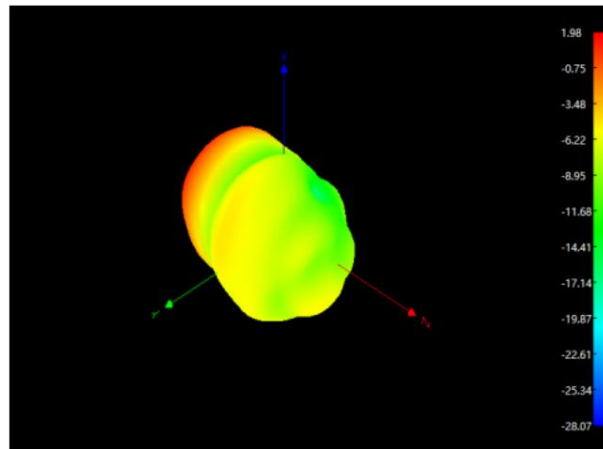
Frequency (MHz)	2400	2450	2500
Return Loss	-8.73	-11.76	-11.21
VSWR	2.16	1.71	1.77

9. Appendix C Gain and Efficiency

Frequency (MHz)	Efficiency(%)	Gain (dBi)
2400	24.43%	-0.98
2410	25.64%	-0.67
2420	26.24%	-0.37
2430	26.24%	-0.37
2440	27.48%	0.04
2450	25.25%	-0.45
2460	23.88%	-0.55
2470	22.65%	-0.69
2480	21.78%	-0.93
2490	20.04%	-1.11
2500	16.18%	-2.07

10. Appendix D Radiation Pattern(ID and 3D)





11. Appendix E Test Setup Photo

