

CBU Antenna specification book

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NO: 0000000001



Manufacturer:	Xiamen Yiyuanyuan Technology Ltd.
Address:	3/F No.78, Meixi Road Siming Zone, Tongan District, Xiamen, Fujian, China
Model Name	CBU
Antenna Type:	PCB antenna
Writer:	Yinhua Zhang
	Gain: 2.21dBi
Maximum	Efficiency:32.96%

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1. General Description

EUT Name	CBU 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

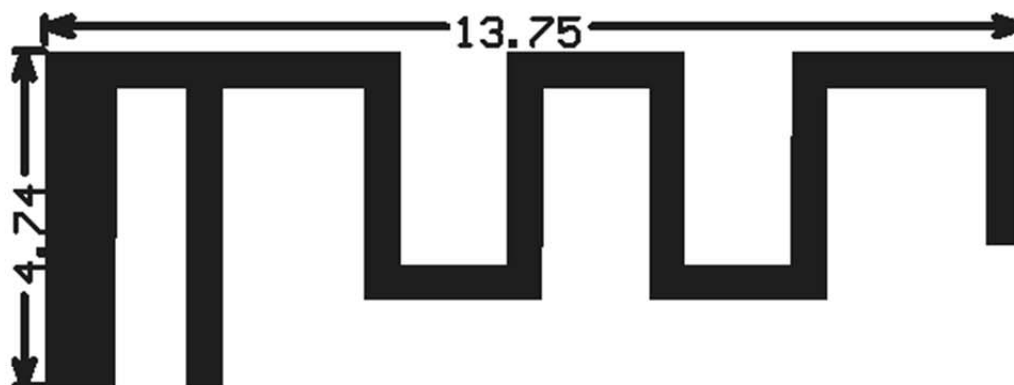
Report Section	Description
Appendix B	S11/VSWR
Appendix C	Gain and Efficiency
Appendix D	Radiation Pattern (1D and 3D)

5. Test Photo

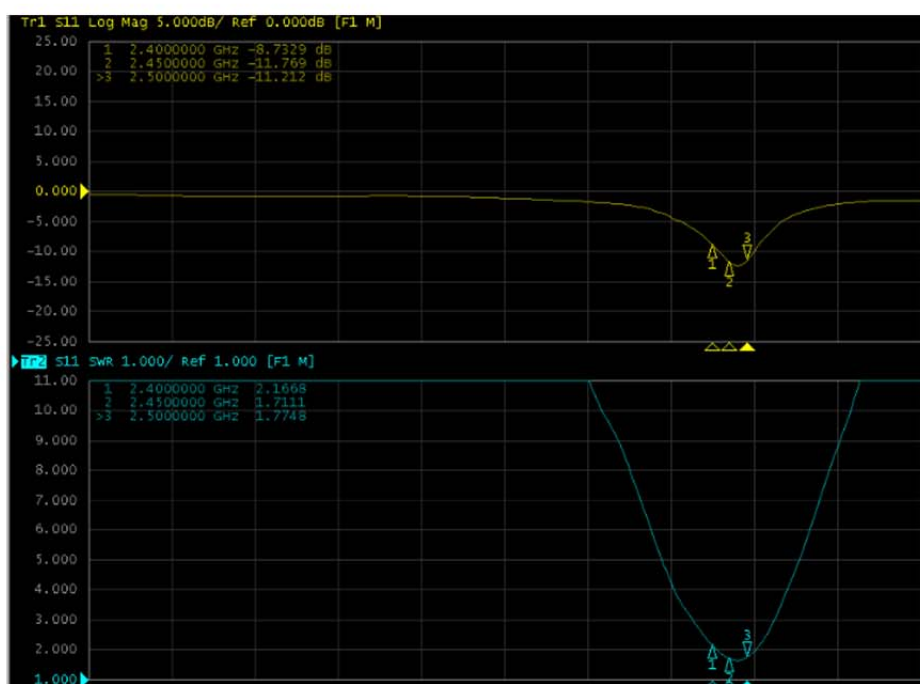
Report Section	Description
Appendix E	Test Setup Photo

Appendix A Antenna Dimension

Unit: mm



Appendix B S11/VSWR



Frequency (MHz)	2400	2450	2500
Return Loss	-8.73	-11.76	-11.21

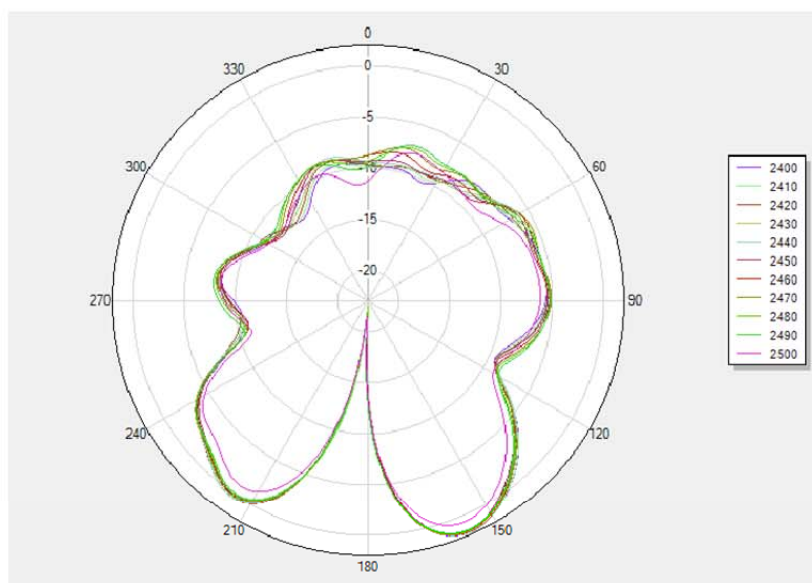
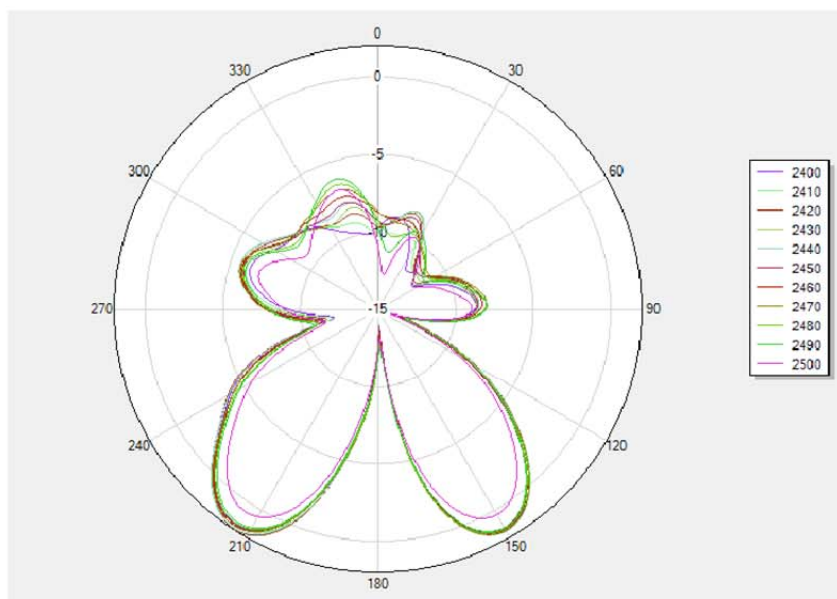


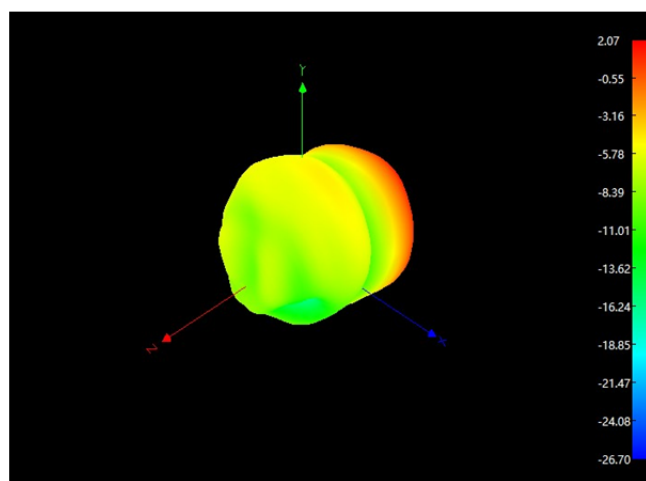
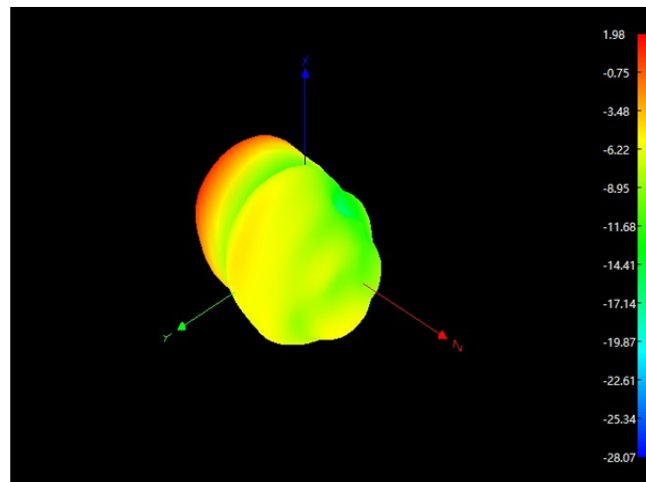
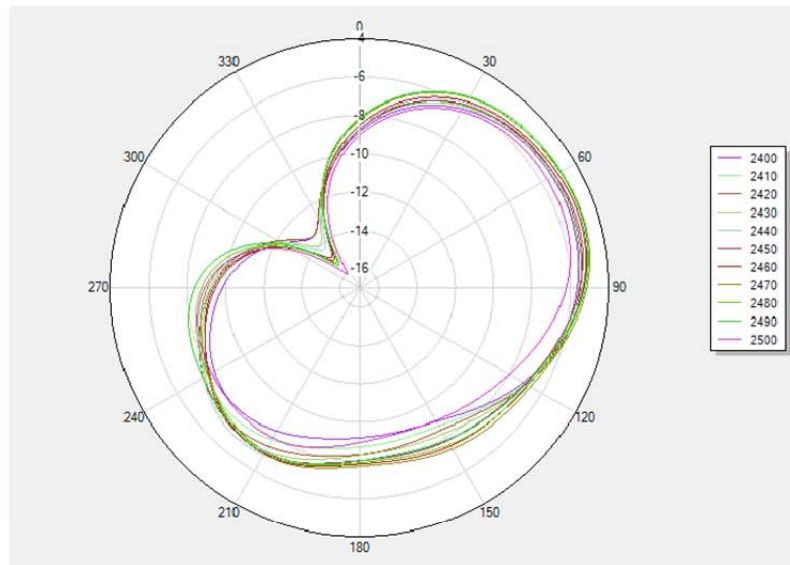
VSWR	2.16	1.71	1.77
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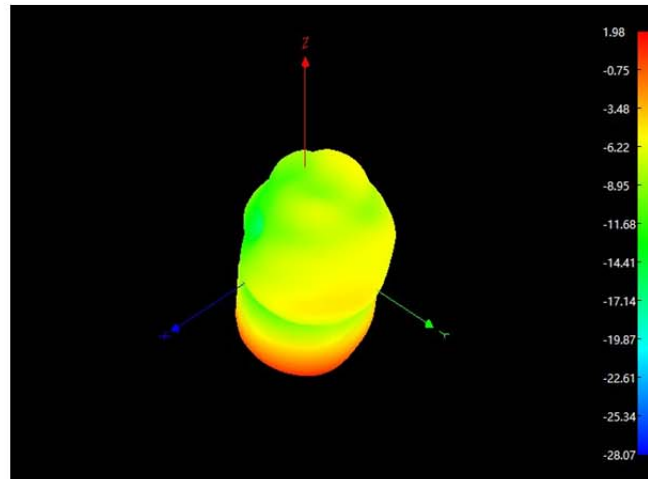
Appendix C Gain and Efficiency

Frequency (MHz)	Efficiency(%)	Gain (dBi)
2400	32.36%	2.11
2410	32.3%	2.18
2420	32.1%	2.21
2430	32.4%	2.06
2440	32.9%	2.07
2450	30.9%	1.91
2460	30.8%	2.04
2470	30.7%	2.09
2480	31.6%	1.98
2490	30.6%	1.91
2500	30.5%	1.03

Appendix D Radiation Pattern(1D and 3D)







Appendix E Test Setup Photo

