

Antenna
specification

BPU Antenna specification

Version 1.0.0

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NO: 000000001

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Inside

Product Name:	BPU
Antenna Type:	PCB antenna
Writer:	Yingyun Tong
Maximum	Gain: 2.44 dBi
	Efficiency:28.44%

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1. General Description

EUT Name	BPU Antenna
Wireless type	BLE
Antenna Type	PCB antenna
Dimensions	Appendix A

2. Technical Information

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

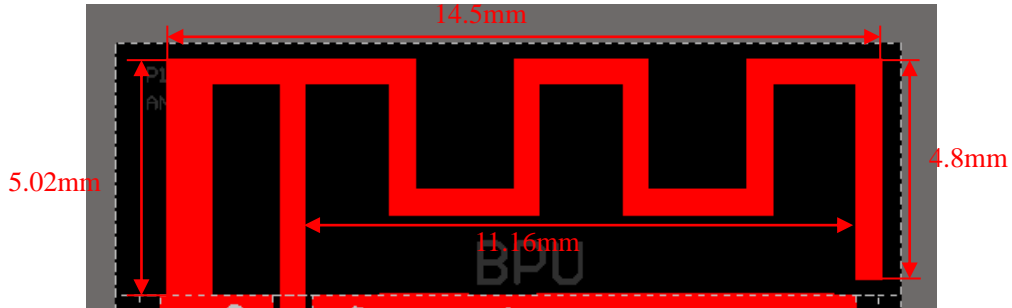
3. Test Standards

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)

Appendix A Antenna Dimension



Appendix B S11/VSWR

Frequency (MHz)	2400	2450	2500
Return Loss	-12.08	-20.32	-15.08

Appendix C Gain and Efficiency

Frequency (MHz)	Efficiency(%)	Gain (dBi)
2400	16.87	-0.09
2410	17.95	0.21
2420	18.28	0.38

2430	19.91	0.77
2440	23.01	1.38
2450	24.83	1.74
2460	27.29	2.18
2470	28.44	2.18
2480	27.23	2.19
2490	27.86	2.18
2500	28.84	2.44

Appendix D Radiation Pattern(1D and 3D)

