

Antelop Bluetooth antenna test report

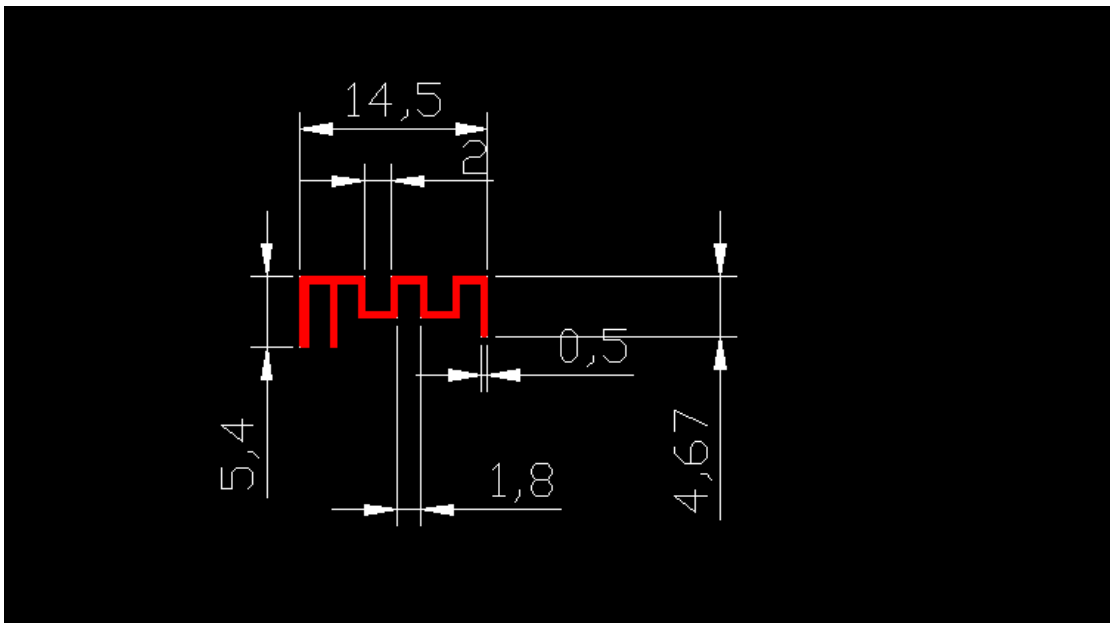
1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Calibration date	Expiration date
Network analyzer	Agilent	E5071C	MY46110140	2024.05.30	2025.05.29
4*4*4 Fully Anechoic Room	ETS	AMS-8923-150	TJ2235-Q1793	2022.11.30	2025.11.29

2. Test software

Software name	Manufacturer	Version	Serial No.
Antenna test system	ETS	EMQuest EMQ-100 V 1.13 Build 21267	1685

3. Antenna Layout on the system board



Unit: mm

4. Efficiency & Antenna Gain

Frequency(MHz)	Efficiency(%)	Gain(dBi)
2400	11.75	-3.80
2410	12.43	-3.43
2420	12.87	-3.26
2430	13.54	-3.13
2440	14.42	-2.79

2450	15.29	-2.60
2460	16.17	-2.42
2470	16.43	-2.47
2480	16.80	-2.46
2490	16.82	-2.36
2500	17.10	-2.27

5. The Environment of Antenna Radiation Pattern



