

RF Test Report

Applicant : D-Link Corporation

Product Name : AX1800 Wi-Fi 6 USB Adapter
Wi-Fi 6 AX1800 USB 3.0 Dongle

Trade Name : D-Link

Model Number : AX18U

Applicable Standard : FCC 47 CFR PART 15 SUBPART E
ANSI C63.10:2020

Received Date : Feb. 24, 2026

Issued Date : Apr. 15, 2026

Issued by

Eurofins E&E Wireless Taiwan Co., Ltd.
No. 140-1, Changan Street, Bade District,
Taoyuan City, Taiwan (R.O.C.)
Tel : +886-3-2710188 / Fax : +886-3-2710190



Taiwan Accreditation Foundation accreditation number: 1330
Frequency Range: 9 kHz to 40 GHz
Bade test site :
Test Firm Registration Number: 226252
Test Firm Designation Number: TW0010
Wugu test site :
Test Firm Registration Number: 191812
Test Firm Designation Number: TW0034

Note:

1. The test results are valid only for samples provided by customers and under the test conditions described in this report.
2. This report shall not be reproduced except in full, without the written approval of Eurofins E&E Wireless Taiwan Co., Ltd.
3. The relevant information is provided by customers in this test report. According to the correctness, appropriateness or completeness of the information provided by the customer, if there is any doubt or error in the information which affects the validity of the test results, the laboratory does not take the responsibility.

Revision History

Rev.	Issued Date	Description	Revised By
00	Apr. 15, 2026	Initial Issue	Rowan Hsieh

Verification of Compliance

Applicant : D-Link Corporation

Product Name : AX1800 Wi-Fi 6 USB Adapter
Wi-Fi 6 AX1800 USB 3.0 Dongle

Trade Name : D-Link

Model Number : AX18U

FCC ID : KA2AX18UA1

Applicable Standard : FCC 47 CFR PART 15 SUBPART E
ANSI C63.10:2020

Test Result : Complied

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Eurofins E&E Wireless Taiwan Co., Ltd. tested the above equipment in accordance with the requirements set forth in the above standards. All indications of Pass/Fail in this report are opinions expressed by Eurofins E&E Wireless Taiwan Co., Ltd. based on interpretations and/or observations of test results. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.

Approved By :

A handwritten signature in black ink that reads "Kai Yu Yang".

Kai Yu Yang / RF Supervisor

TABLE OF CONTENTS

1	General Information.....	5
1.1.	Summary of Test Result.....	5
2	EUT Description.....	6

1 General Information

1.1. Summary of Test Result

Standard	Item	Result	Remark
15.407(b)(9) 15.207	AC Power Conducted Emission	PASS	Note
15.407(b) 15.205 / 15.209	Transmitter Radiated Emissions	PASS	Note
15.407(a)	Maximum Conducted Output Power	PASS	Note
15.407(a)	26 dB RF Bandwidth	Reference	Note
15.407(e)	6 dB RF Bandwidth	PASS	Note
15.407(a)	Maximum Power Spectral Density	PASS	Note
15.407(c)	Automatically discontinue transmission	PASS	Note
15.407(a) 15.203	Antenna Requirement	PASS	Note

Note : The test data refer to the report number : USRC247025002.

Decision Rule

- ☒ Uncertainty is not included.
- ☐ Uncertainty is included.

Standard	Description
CFR47, Part 15, Subpart C	Intentional Radiators
CFR47, Part 15, Subpart E	Unlicensed National Information Infrastructure Devices
ANSI C63.10: 2020	American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices
KDB789033: D02 v02r01	Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices Part 15, Subpart E
KDB 662911 D01 v02r01	Emissions Testing of Transmitters with Multiple Outputs in the Same Band (e.g., MIMO, Smart Antenna, etc)

2 EUT Description

The product specifications of the EUT presented in the report are declared by the manufacturer who shall take full responsibility for the authenticity(except Max. RF Output Power).

Applicant	D-Link Corporation 14420 Myford Road Suite 100 Irvine California United States 92606		
Product Name	AX1800 Wi-Fi 6 USB Adapter Wi-Fi 6 AX1800 USB 3.0 Dongle		
Different description of product name	No physical difference. Just for marketing purpose.		
Trade Name	D-Link		
Model Number	AX18U		
FCC ID	KA2AX18UA1		
Operate Frequency	Frequency Band		Frequency Range (MHz)
	802.11a	U-NII Band 1	5180 – 5240
		U-NII Band 2-A	5260 – 5320
		U-NII Band 2-C	5500 – 5700
		U-NII Band 3	5745 – 5825
	802.11n HT20 / 802.11ac VHT20 / 802.11ax HE20	U-NII Band 1	5180 – 5240
		U-NII Band 2-A	5260 – 5320
		U-NII Band 2-C	5500 – 5700
		U-NII Band 3	5745 – 5825
	802.11n HT40 / 802.11ac VHT40 / 802.11ax HE40	U-NII Band 1	5190 – 5230
		U-NII Band 2-A	5270 – 5310
		U-NII Band 2-C	5510 – 5670
		U-NII Band 3	5755 – 5795
	802.11ac VHT80 / 802.11ax HE80	U-NII Band 1	5210
		U-NII Band 2-A	5290
		U-NII Band 2-C	5530
		U-NII Band 3	5775
Modulation Type	OFDM/OFDMA		

Antenna information	Antenna	Model	Type	Max. Gain (dBi)	
	ANT-0	A18	PCB Antenna	U-NII Band 1	1.85
				U-NII Band 2-A	1.90
				U-NII Band 2-C	1.90
				U-NII Band 3	1.90
	ANT-1	A18	PCB Antenna	U-NII Band 1	1.70
				U-NII Band 2-A	1.90
				U-NII Band 2-C	2.20
				U-NII Band 3	2.20
Operate Temp. Range	0 ~ +40 °C				
EUT Power Rating	DC 5 V, 550 mA				

EUT Modify Description :

Modify Description:

The additional antenna's Directional Gain is lower than the original report.

Dimensions, functionality, PCB layout, and components remain identical to the reference device. No software or firmware changes were made; no re-testing is required.

The test data refer to the original report.

Original Report : USRC247025002

Equipment Type		
Outdoor access point	point-to-point	---
	point-to-multipoint	---
Indoor access point		---
Fixed point-to-point access points		---
Client devices		V

5150 MHz ~5250 MHz(UNII-1):

BW 20M	CH	36	40	44	48
	Freq. (MHz)	5180	5200	5220	5240
BW 40M	CH	38		46	
	Freq. (MHz)	5190		5230	
BW 80M	CH	42			
	Freq. (MHz)	5210			

5250 MHz ~5350 MHz(UNII-2A):

BW 20M	CH	52	56	60	64
	Freq. (MHz)	5260	5280	5300	5320
BW 40M	CH	54		62	
	Freq. (MHz)	5270		5310	
BW 80M	CH	58			
	Freq. (MHz)	5290			

5470 MHz ~5725 MHz(UNII-2C):

BW 20M	CH	100	104	108	112	116	120	124	128	132	136	140	144
	Freq. (MHz)	5500	5520	5540	5560	5580	5600	5620	5640	5660	5680	5700	---
BW 40M	CH	102		110		118		126		134		142	
	Freq. (MHz)	5510		5550		5590		5630		5670		---	
BW 80M	CH	106				122				138			
	Freq. (MHz)	5530				5610				---			

5725 MHz ~5850 MHz(UNII-3):

BW 20M	CH	149	153	157	161	165
	Freq. (MHz)	5745	5765	5785	5805	5825
BW 40M	CH	151		159		NA
	Freq. (MHz)	5755		5795		
BW 80M	CH	155				
	Freq. (MHz)	5775				

---END---