

DFS 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
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

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1 General Information

1.1. Summary of Test Result

Standard	Item	Result	Remark
15.407(h)(2)	Channel Availability Check Time	PASS	Note
15.407(h)(2)	Channel Move Time	PASS	Note
15.407(h)(2)	Channel Closing Transmission Time	PASS	Note
15.407(h)(2)	Non-Occupancy Period	PASS	Note
15.407(h)(2)	U-NII Detection Bandwidth	N/A	Note
15.407(h)(2)	Statistical Performance check	PASS	Note

Note : The test data refer to the report number : USRC247025003.

Decision Rule

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

Standard	Description
CFR47, Part 15, Subpart E	Unlicensed National Information Infrastructure Devices
Canada RSS-247 Issue 4	RSS-247 — Digital Transmission Systems, Frequency Hopping Systems and Licence-Exempt Local Area Network Devices in 902-928 MHz, 2400-2483.5 MHz, 5150-5350 MHz, and 5470-5895 MHz bands
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.

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 2-A		5260 – 5320	
		U-NII Band 2-C		5500 – 5700	
	802.11n HT20/ 802.11ac VHT20/ 802.11ax HE20	U-NII Band 2-A		5260 – 5320	
		U-NII Band 2-C		5500 – 5700	
	802.11n HT40/ 802.11ac VHT40/ 802.11ax HE40	U-NII Band 2-A		5270 – 5310	
		U-NII Band 2-C		5510 – 5670	
	802.11ac VHT80/ 802.11ax HE80	U-NII Band 2-A		5290	
		U-NII Band 2-C		5530 – 5610	
Modulation Type	OFDM/OFDMA				
Antenna information	Antenna	Model	Type	Max. Gain (dBi)	
	ANT-0	A18	PCB Antenna	U-NII Band 2-A	1.9
				U-NII Band 2-C	1.9
	ANT-1	A18	PCB Antenna	U-NII Band 2-A	1.9
				U-NII Band 2-C	2.2
Antenna Delivery	2TX				
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 : USRC247025003

Items	Description	
Communication Mode	☐ IP Based (Load Based)	☒ Frame Based
TPC Function	☐ With TPC	☒ Without TPC
Weather Band (5600 ~ 5650 MHz)	☐ With 5600 ~ 5650 MHz	☒ Without 5600 ~ 5650 MHz
Beamforming Function	☐ With Beamforming	☒ Without Beamforming
Equipment Type	☐ Outdoor access point	
	☐ Indoor access point	
	☐ Fixed point-to-point access points	
	☒ Client devices	
Operating mode	☐ Master	
	☐ Client with radar detection	
	☒ Client without radar detection	
	☐ Ad-Hoc	
	☐ Bridge	
	☐ MESH	
Test AP FCC ID	PY315100319	

Note : DFS controls (hardware or software) related to radar detection are NOT accessible to the user.

Manufacturer statement confirming that information regarding the parameters of the detected Radar Waveforms is not available to the end user.

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