

D-Link Corporation

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Data: 2019/08/10

To Whom It May Concern:

The initial application has been granted according to 47CFR Part 15.247 & 15.407 for FCC ID: KA2IR1750A1; Granted on 08/05/2019.

The new equipment to be granted in this new application is FCC ID: KA2IR1950A1. The two applications are identical in hardware with only two minor differences as listed below:

1. KA2IR1950A1 adds QAM256 support through software enabling only. All hardware such as PCB, RF components, antenna and its installation location are all identical to KA2IR1750A1.
2. Has a slight change in ventilation pattern on the plastic housing, but that will not have any effect on RF performance.

Since the 2 changes described above are not expected to affect any radio characteristics (802.11 a/b/g/n/ac) of the equipment, we believe the original radio test data from FCC ID: KA2IR1750A1 shall continue to be applicable to the new FCC ID: KA2IR1950A1 equipment and truly represent its RF characteristics and EMC performance.


However, to account for newly added modulation and validation of the referenced test data to the new device, following additional tests are performed.

1. Sample amount: 1
2. Rule part, frequency and test items

FCC Rule Part	Frequency Band	Test Items
FCC Part 15C	2412-2462 MHz	<ol style="list-style-type: none">1. Reassess the 256-QAM modulation in comparison with original tested modulation types, and reselect the worst case mode.2. Sport check radiated emission - Band edge and Harmonics.3. Sport check Conducted output power and AC Power Line Emission.
FCC Part 15E	5180-5240 MHz 5745-5825 MHz	<ol style="list-style-type: none">1. Sport check radiated emission - Band edge and Harmonics.2. Sport check Conducted output power and AC Power Line Emission.

We, D-Link Corporation is taking full responsibility to re-use these test data for its new application FCC ID: KA2IR1950A1.

If you have any questions, please feel free to contact us. Thank you.

✧
Sincerely yours


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