

**Federal Communications Commission  
Authorization and Evaluation Division**

7435 Oakland Mills Rd  
Columbia MD 21046-1609

**Subject: Professional Installation Attestation  
FCC ID: TVE-5108TQ56462**

Product Name: Secured Wireless Access Point

To whom it may concern:

We, the undersigned, hereby declares that requirements of KDB 353028 D01 Antennas Part 15 Transmitters v01 have been met and shown on the following questions. Further we declare that the info listed below are correct and represent the product in consideration under this filing.

1. Professional installation must be justified.

This device is a wireless access point that supports indoor and outdoor operation and needs specially trained professionals in configuring and installing the product.

2. Professional installation does not permit use of any antenna with the transmitter; the permitted types of antennas specified as below.

The following antenna list has been tested and complies with FCC Rule Part 15 requirements, for more details please refer to the test reports.

| Ant. | Port | Brand   | Model Name   | Antenna Type | Connector | Support    |
|------|------|---------|--------------|--------------|-----------|------------|
| 1    | 1    | SENAO   | 5718A0729300 | Dipole       | N-type    | 2.4G+5G    |
| 2    | 2    | SENAO   | 5718A0729300 | Dipole       | N-type    | 2.4G+5G    |
| 3    | 3    | SENAO   | 5718A0729300 | Dipole       | N-type    | 2.4G+5G    |
| 4    | 4    | SENAO   | 5718A0729300 | Dipole       | N-type    | 2.4G+5G    |
| 5    | 1    | SENAO   | 5718A0727300 | Dipole       | N-type    | 2.4G+5G+6E |
| 6    | 2    | SENAO   | 5718A0727300 | Dipole       | N-type    | 2.4G+5G+6E |
| 7    | 3    | SENAO   | 5718A0727300 | Dipole       | N-type    | 2.4G+5G+6E |
| 8    | 4    | SENAO   | 5718A0727300 | Dipole       | N-type    | 2.4G+5G+6E |
| 9    | 1    | SENAO   | 5718A0618300 | Dipole       | N-type    | BT/Zigbee  |
| 10   | 1    | Quectel | 7102A0652000 | Patch        | I-Pex     | GPS        |

| Gain (dBi) |      |      |      |      |            |     | Remark               |   |   |
|------------|------|------|------|------|------------|-----|----------------------|---|---|
| Ant.       | Port | 2.4G | 5G   | 6G   | BT& Zigbee | GPS |                      |   |   |
| 1          | 1    | 4.82 | 5.89 | -    | -          | -   | Radio 1_<br>2.4G 4*4 | Radio 2_<br>5G<br>4*4                   | Radio 2<br>(Low Band)<br>(5G<br>Band1/2)<br>4*4     |
| 2          | 2    | 4.76 | 6.01 | -    | -          | -   |                      |   |   |
| 3          | 3    | 5.03 | 6.4  | -    | -          | -   |                      |   |   |
| 4          | 4    | 4.78 | 6.14 | -    | -          | -   |                      |   |   |
| 5          | 1    | 4.26 | 5.75 | 5.8  | -          | -   | Radio 3_<br>6G 4*4   | Radio 3<br>2.4G/5G/6G<br>2*2 Scan Radio | Radio 3<br>(High<br>Band)<br>(5G<br>Band3/4)<br>4*4 |
| 6          | 2    | 4.45 | 5.54 | 5.95 | -          | -   |                      | -                                       |   |
| 7          | 3    | 4.81 | 5.5  | 5.65 | -          | -   |                      | Radio 3<br>2.4G/5G/6G<br>2*2 Scan Radio |   |
| 8          | 4    | 4.86 | 5.72 | 5.8  | -          | -   |                      | -                                       |   |
| 9          | 1    | -    | -    | -    | 4.71       | -   | -                    | -                                       | -   |
| 10         | 1    | -    | -    | -    | -          | 2   | -                    | -                                       | -   |

3. The applicant should address the following items when justifying professional installation.

- i.) To qualify for professional installation, the applicant must explain why the hardware is not readily available to average consumer  
This device will not be sold directly to the general public through retail store.
- ii.) Marketing—Device cannot be sold via retail to the general public or by mail order; it must be sold to authorized dealers or installers only.  
This device will not be sold directly to the general public through retail store. It will be sold to authorized dealers or installers only.
- iii.) Filing must show that intended use is not for consumers and general public; rather device is generally for industrial/commercial use.  
This device is for industrial/commercial use.
- iv.) Explain what is unique, sophisticated, complex, or specialized about the equipment that REQUIRES it to be installed by a professional installer?  
This device will need special trained professional in configuring and installing the product due to the unique market.

4. Other professional installation requirements

- i.) Installation must be controlled  
this device will be distributed through controlled distribution channel which has a specially trained professional to install this device.

- ii.) Installed by licensed professionals (e.g., device sold to dealer who hire installers)  
this device sold to the dealer who hires installers and needs specially trained professional in configuring and installing the product.
- iii.) Installation requires special training (e.g., special programming, access to keypad, field strength measurements made).  
this device needs special programming, access to keypad, field strength measurements made, so must need specially trained professional in configuring and installing the product.

Sincerely,

Applicant : Fortinet Inc.  
Address : 899 Kifer Road, Sunnyvale, California 94086, United States

Signature :

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