



899 Kifer Road Sunnyvale, CA 94086, USA

TEL: 408 235 7700 FAX: 408 235 7737

# PROFESSIONAL INSTALLATION ATTESTATION

Date: 2020-05-22

FCC ID: **TVE-4617T06785**

We, **Fortinet Inc.**, hereby declare 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.

Description: Device is Secured Wireless Access Point and must need special trained professional in configuring and installing the product, more details please refer to user manual exhibit.

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

Description: Below listed of Antennas has been compliance FCC Rule Part 15 requirement, more details please refer to test reports.

For Internal Antenna

Antenna Type	PIFA					
Antenna Connector	IPEX					
Antenna No.	Gain (dBi)					
	2400MHz	2450MHz	2500MHz	5150MHz	5500MHz	5850MHz
DL1	4.04	4.36	<b>4.79</b>	6.21	<b>6.33</b>	5.25
DL2	<b>5.52</b>	5.29	5.19	5.07	<b>5.99</b>	5.03
DL3	4.34	<b>5.06</b>	5.05	<b>5.30</b>	5.15	5.18
DL4	4.72	4.66	<b>5.62</b>	5.34	<b>6.37</b>	5.85
Scanning	4.93	4.60	<b>5.22</b>	5.06	5.09	<b>5.14</b>
BT	4.23	4.66	<b>4.71</b>	-	-	-

For External Antenna

Antenna Type	Dipole					
Antenna Connector	SMA					
Gain (dBi)	Frequency					
	2400MHz	2450MHz	2500MHz	5150MHz	5500MHz	5850MHz
Ext. Ant.	3.88	3.33	4	6.01	6.18	6.2
BT	4.23	4.66	4.71	-	-	-

5. 2G traffic radio, 5GHz traffic radio, Scanning radio (5G) and BT technologies can transmit at same time. But 5GHz traffic radio and Scanning radio (5G) cannot transmit in the same band at same time. 2G traffic radio and Scanning radio (2.4G) cannot transmit at same time.



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

(1) To qualify for professional installation, please explain why the hardware is not readily available to average consumer.

Description: Due to this product and will not be sold directly to the general public through retail store, therefore the hardware is not readily available to average consumer.

(2) Marketing – Applicant must ensure device cannot be sold via retail to the general public or by mail order.

Description: This product and will not be sold directly to the general public through retail store. It will be sold to authorized dealers or installers only.

(3) Applicant must show that device intended use is not for consumers and general public.

Description: Device is for industrial/commercial use.

(4) Explain what is unique, sophisticated, complex, or specialized about the equipment that REQUIRES it to be installed by a professional installer?

Description: Device is Secured Wireless Access Point and it requires professional installer to install certified antenna which using unique antenna connectors.

4. Other professional installation requirements

(1) Installation must be controlled.

Description: The product will be distributed through controlled distribution channel which has special trained professional to install this product

(2) Installed by licensed professionals.

Description: Device sold to dealer who hires installers and need special trained professional in configuring and installing the product.

(3) Installation requires special training.

Description: The product need special programming, access to keypad, field strength measurements made, so must need special trained professional in configuring and installing the product.

If you should have any question(s) regarding this declaration, please don't hesitate to contact us. Thank you!

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Andrew Ji / Director

TEL: 408 235 7700

FAX: 408 235 7737

E-mail: aji@fortinet.com