



## PROFESSIONAL INSTALLATION ATTESTATION

Date: October 12, 2022

Contains FCC ID: SLE-WAPC003

Contains IC: 9335A-WAPC003

Product: Industrial IEEE 802.11a/b/g/n/ac wireless AP/client

Brand: MOXA

Model: AWK-3251A-M12-RCC

We, 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.

Professional installation must be justified.

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

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.**

No	Manufacturer	Part No.	Antenna Type	Connector Type	Max Gain
1	MOXA	ANT-WDB-ANM-0306	Dipole	N-type	3.8 dBi For 2.4GHz 6.3 dBi For 5 GHz
2	MOXA	ANT-WDB-ANM-0502	Dipole	N-type	4.62 dBi For 2.4GHz 1.41dBi For 5GHz
3	MOXA	ANT-WDB-ARM-02	Dipole	RP-SMA	2.04 dBi For 2.4GHz 0.38 dBi For 5 GHz
4	MOXA	ANT-WDB-ARM-0202	Dipole	RP-SMA	1.8 dBi For 2.4GHz 1.8 dBi For 5GHz
5	MOXA	ANT-WSB-AHRM-05-1.5m	Dipole	RSMA	5.00 dBi For 2.4GHz
6	MOXA	MAT-WDB-CA-RM-2-0205	Dipole	RSMA	2.5 dBi For 2.4GHz 5.7 dBi For 5GHz
7	MOXA	MAT-WDB-DA-RM-2-0203-1m	Dipole	RSMA	2.45 dBi For 2.4GHz 2.72 dBi For 5GHz
8	MOXA	MAT-WDB-PA-NF-2-0708	Panel	N-type	7.63 dBi For 2.4GHz 8.77 dBi For 5GHz

9	MOXA	ANT-WDB-PNF-1011	Panel	N-type	11.00 dBi For 2.4GHz 12.04 dBi For 5 GHz
10	MOXA	ANT-WDB-ONM-0707	Dipole	N-type	7.10 dBi For 2.4GHz 7.6 dBi For 5 GHz
11	MOXA	ANT-WDB-ONF-0709	Dipole	N-type	7.40 dBi For 2.4GHz 8.87 dBi For 5GHz
12	MOXA	ANT-WSB5-PNF-16	Panel	N-type	16.94 dBi For 5GHz
13	MOXA	ANT-WSB-PNF-12-02	Panel	N-type	12.34 dBi For 2.4GHz

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

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.**

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.**

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

**Description: Device is for industrial/commercial use.**

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

**Description: The device supports wall mounting which requires to be installed by professional installer.**

4. Other professional installation requirements

Installation must be controlled.

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

Installed by licensed professionals.

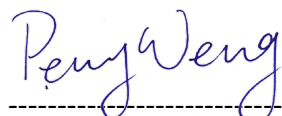
**Description: Device sold to dealer who hires installers and need special trained professional in configuring and installing the product.**

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!

Sincerely,



Penny Weng /Supervisor  
Moxa Inc.