

Product Change Notification – PCN #000587

09 Jan 2019

Dear Valued Customer:

The purpose of this letter is to inform you that Moxa is planning to implement a change to certain products. Please review the detailed information given below to determine how these changes will affect your products and/or processes. If you have any questions regarding these changes, please contact the person listed below.

**Subject:**

Change in the default antenna shipped with the AWK-4131A—ANT-WDB-ANM-0502 to be replaced with the ANT-WDB-ANM-0306

**Service Level:** Basic

**Effective Date:** March, 2019

**Model Names/ Current Version/ New Version:**

Model Name	Current Version	New Version
AWK-4131A	V1.0.0	V1.1.0

**Change Description:**

In order to ensure a better user experience for the AWK series products, Moxa will offer a new default antenna, ANT-WDB-ANM-0306 with the AWK-4131A. A comparison of the new default antenna with the previous one is provided in the table below:

	ANT-WDB-ANM-0306 (New)	ANT-WDB-ANM-0502
<b>Frequency</b>	2.4 to 2.5 GHz or 4.9 to 5.825 GHz	2.4 to 2.5 GHz or 5.1 to 5.9 GHz
<b>Antenna Type</b>	Omni-directional	Omni-directional
<b>Typical Antenna Gain</b>	3.5/6 dBi	5/2 dBi
<b>Connector</b>	N-type (male)	N-type (male)
<b>Radiation Return Loss</b>	-14 to -23 dB	-1 to -15 dB
<b>Radiation Efficiency</b>	67% @ 2.4 GHz 65% @ 5 GHz	66% @ 2.4 GHz 20% @ 5 GHz

Since more and more customers are using the 5 GHz band to avoid interference, Moxa wants to enhance the 5 GHz performance of its products.

The ANT-WDB-ANM-0306 guarantees less radiation return loss and better radiation efficiency, especially for the 5 GHz band. For a detailed specification of the ANT-WDB-ANM-0306 antenna, visit:

<https://www.moxa.com/en/products/accessories/antennas/wlan-antennas/ant-wdb-anm-0306-series>

ANT-WDB-ANM-0306's antenna gain on the 5 GHz band is higher than that of the ANT-WDB-ANM-0502 and the radio certifications have been renewed. For updated certification information, log in to [Moxa Partner Zone](#).

### **Delivery Schedule:**

Moxa will continue to supply the AWK-4131A V1.0.0 units and do a running change to phase in the AWK-4131A Series V1.1.0 units. The target launch date for the AWK-4131A V1.1.0 is currently set to March, 2019.

### **Note:**

1. If you are using the AWK-4131A Series V1.0.0 and require additional units of the same, be sure to place your orders before March 1<sup>st</sup>, 2019. We cannot guarantee that sufficient supplies of AWK-4131A Series V1.0.0 will be available after this date.
2. The ANT-WDB-ANM-0502 antenna is available to order separately:

[https://www.moxa.com/product/ANT\\_WDB\\_ANM\\_0502.htm](https://www.moxa.com/product/ANT_WDB_ANM_0502.htm)

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Note: For questions, contact the Zoe Chan, [zoeyt.chan@moxa.com](mailto:zoeyt.chan@moxa.com) or your regional sales contact.