

Federal Communications Commission
Authorization and Evaluation Division

March 3, 2025

Class II Permissive Change Request for FCC ID: 2ALEPT0005158

We, the undersigned, request a Class II Permissive Change (C2PC) for the KONA Macro and KONA Macro EX IoT gateways with FCC ID 2ALEPT0005158, in accordance with the permissive change rules presented in KDB Publication 178919 D01 + Notification 202109-001.

The KONA Macro EX and KONA Macro IoT gateways operate as a Frequency Division Duplex (FDD) transceiver in the North American 900 MHz ISM Band (902 – 928MHz). They support simultaneous reception of sixteen 125 kHz and two 500 kHz uplink channels, and supports transmission of one 500 kHz downlink channel. Additionally, they are equipped with a GNSS receiver and offer optional CAT1 3G/4G modem provisioning.

The differences between the new KONA Macro EX IoT Gateway and current KONA Macro IoT Gateway are as follows:

- The KONA Macro EX utilizes an enclosure suitable for use in hazardous locations, whereas the KONA Macro gateway utilizes an enclosure suitable for use only in ordinary locations.

There are no differences between KONA Macro EX and KONA Macro in terms of RF components, circuitry, filtering or pre-approved cellular modules.

Regards,



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