

Regulatory Information

Overview

Product	Model
Gateway Network Device	43.0531.00

The A-dec Gateway is a device that enables connection of the dental equipment to the A-dec portal via Wi-Fi (Dual Band 802.11a/b/g/n/ac) and Bluetooth 5.0 BR/EDR/LE.



NOTE To satisfy RF exposure requirements, this device and its antenna must operate with a separation distance of at least 20 cm from all persons.

Canada - ISED

IC Number: 27025-ADEC430531

For indoor use only. This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

Utilisation en intérieur uniquement. Le présent appareil est conforme aux CNR d'ISDE Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

1. l'appareil ne doit pas produire de brouillage, et
2. l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

FCC ID

2AY33-ADEC430531



FCC Compliance

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

FCC CAUTION

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Compliance with FCC Requirement 15.407(c)

Data transmission is always initiated by software, which is passed down through the MAC, through the digital and analog baseband, and finally to the RF chip. Several special packets are initiated by the MAC. These are the only ways the digital baseband portion will turn on the RF transmitter, which it then turns off at the end of the packet. Therefore, the transmitter will be on only while one of the aforementioned packets is being transmitted. In other words, this device automatically discontinues transmission in case of either absence of information to transmit or operational failure.

Frequency Tolerance: ± 20 ppm

This transmitter in this device must not be co-located or operated in conjunction with any other antenna or transmitter.

Frequency of Operation

2402-2480 MHz, 5150-5250 MHz

Rated Output Power

Standard	Frequency Range	Output Power
BT/BTLE	2402-2480 MHz	3.4 mW
802.11 b,g,n	2412-2472 MHz	18.19 mW
802.11 an,ac	5150-5250 MHz	15.48 mW



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