FCC ID: GCYHXG10
IC ID: 20156-HXG10

FOR INDOOR USE ONLY

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, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This device complies with below part 15 of FCC Rules.
Part 15 Subpart C
Part 15 Subpart E

The modular transmitter within the HaptX airpack is only FCC authorized for the specific rule parts (i.e., FCC transmitter rules) listed on the module's grant,

The HaptX airpack (101-100) has also been tested to be compliant to Part 15 Subpart B with the modular transmitter installed.

The module inside of the HaptX airpack has been installed professionally using an antenna approved for use by the module's manufacturer and therefore complies with the antenna and transmission system requirements of §15.203

Since there is no space for an FCC ID on the internal module, the FCC ID is located in the module manufacturer's manual as well as the module information provided below.

Guidance For Host Integrators

The following statements must be described on the user manual of the host device of this module.

Contains Transmitter FCC ID: GCYHXG10

Contains Transmitter IC ID: 20156-HXG10

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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 the 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 discontinue transmission in case of either absence of information to transmit or operational failure.

Frequency Tolerance: ±20 ppm

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

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines. This equipment should be installed and operated keeping the radiator at least 20cm or more away from person's body.

The HaptX airpack is a portable device as defined by FCC (§2.1093). These device's transmitters are designed to be used so that the radiating structure of the device is within 20 centemeters of the body of the user. The average duty cycle of the HaptX airpack's radio at 2.4GHz and 5.0GHz is 2.94% and 1.01% respectively. Based on a worst-case separation distance of 15cm between the user and antenna, the time-averaged output power is much less than the recommended threshold safety value for RF exposure.

The available scientific evidence does not show that any health problems are associated with using low power wireless devices. There is no proof, however, that these low power wireless devices are absolutely safe. Low power Wireless devices emit low levels of radio frequency energy (RF) in the microwave range while being used. Whereas high levels of RF can produce health effects (by heating tissue), exposure of low-level RF that does not produce heating effects causes no known adverse health effects. Many studies of low-level RF exposures have not found any biological effects. Some studies have suggested that some biological effects might occur, but such findings have not been confirmed by additional research. Type1VY has been tested and found to comply with FCC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines.