



August 21, 2024

Federal Communications Commission
EQUIPMENT AUTHORIZATION BRANCH
7435 Oakland Mills Road
Columbia, MD 21046

Reference: FCC ID: 2AYAJ-BS1

Application for Class II Permissive Change

Dear Sir/Madam:

We respectfully wish to apply for a Class II permissive change for the above referenced FCC Identifier under the provisions of FCC rule 2.1043.

The change filed under this application entails adding a Wi Fi module/antenna and *Bluetooth* function to the radio. The change is made through updated software application and hardware change.

Previously certified device:

The device contains a 400MHz MICS band transceiver module, which incorporates a 2.4GHz transmitter that is used only for waking up implants. The MICS band transceiver has two quarter wavelength surface mount helical antennas. The wakeup transmitter has two inverted-F PCB antennas. The original antenna type is 2.4GHz Monopole Antenna and 5GHz Monopole Antenna. The use of the antenna with gain less than 1.2 dBi(2.4GHz) and 2.5 dBi(5GHz).

The device also includes a Wi-Fi module that can connect to Wi-Fi access points. The Wi-Fi module uses a small chip antenna mounted on the circuit board.

Modified device includes a Wi Fi module/antenna (Test reports are submitted with the application for permissive change) and a Bluetooth module:

Wi Fi Supplier: Murata

Canary Medical Model Number: 19005-0229

Canary Medical FCC ID: 2AYAJ-WF1

Antenna Type: Balanced Dipole

Gain: 2.4 GHz and 5 GHz balanced dipole antenna with gain of 3.0 dBi (2.4 GHz) and 4.0 dBi (5 GHz)

BLE Module Supplier: Wurth Elektronik

Canary Medical Model Number: 14683-000218

BLE module FCC ID: R7T1201102



The change implemented also complies with KDB 178919 D01 Permissive Change Policy v06. Test reports showing compliance are submitted with this application.

The applicant certifies that no party to this application is subject to a denial of federal benefits pursuant to Section 5301 of the Anti-Drug abuse Act of 1988.

Our FRN number is 0030229884.

Your prompt attention to this matter is appreciated. Please let me know if there are any questions or if further data is required.

Sincerely,

Signed by:

Nora C.R. York

Signature

Nora C.R. York

Print name

VP of RA/QA

Title

(760)-448-5066

Phone






Class II Permissive change FCC_Final Product_revised

Final Audit Report

2024-08-21

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