

Nuvectora

August 5, 2019
Federal Communications Commission
Office of Engineering and Technology
7435 Oakland Mills Road
Columbia, Maryland 21046

Dear Sir or Madam:

Nuvectora Corporation, located at 10675 Naples Street NE Blaine, MN 55449, submits this application to operate Model 4110-US Nuvectora Bridge Communicator in the Medical Device Radiocommunication Service (MedRadio). The Nuvectora Bridge Communicator Model 4110-US is a Nuvectora sales personnel device that is used for commanding and querying the following Algovita® Internal Pulse Generator (IPG) and External Pulse Generator (EPG): Model 2408 IPG, Model 2412 IPG, and Model 4300 EPG. The pulse generators are approved separately.

The Nuvectora Bridge Communicator uses Medical Implant Communication Service (MICS) telemetry for communication. The Nuvectora Bridge Communicator will be used solely by Nuvectora sales personnel and will always remain in the physical possession of the sales personnel at all times, the device is not to be provided to patients, or left at physician's offices or clinics. The Bridge Communicator will communicate, via MICS to the Algovita® Internal Pulse Generator (IPG) and External Pulse Generator (EPG). The Bridge Communicator will also communicate with a Clinician Programmer Application (mCP), which is ran on an iPad platform. The iPad uses Bluetooth to communicate, and therefore the Nuvectora Bridge Communicator, will also be able to communicate via Bluetooth. Therefore, the Bridge Communicator acts as a 'bridge' to allow the iPad to communicate with the Algovita® Internal Pulse Generator (IPG) and External Pulse Generator (EPG).

The Nuvectora Bridge Communicator also transmits a wake-up signal at 2.45 GHz and the FCC rules applicable to this frequency include CFR FCC Part 15.107, Part 15.109 and 15.249. The submitted technical reports for the Nuvectora Bridge Communicator demonstrate compliance to the applicable technical requirements contained in CFR FCC Part 15.107, 15.109, and 15.249.

This original grant request is for device approval of Model 4110-US Nuvectora Bridge Communicator under FCC ID: 2ABU84110. The FCC rules applicable to this product in the MedRadio band include CFR FCC Part 951, Part 2.1046, Part 15.107, and Part 15.109. The submitted technical reports for the Nuvectora Bridge Communicator demonstrate compliance to the applicable technical requirements contained in CFR FCC Part 951, Part 2.1046, Part 15.107, and Part 15.109.

This application also contains a request for permanent and short-term confidential treatment of portions of the submitted application material. Further details and supporting documents are attached.

Sincerely,



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