



9/4/2020

Dear Application Examiner:

Sleep Number Corporation is submitting this application for a Class II Permissive change of their 360 SIQ air pump, FCC ID: LPM-7000D. It uses a pre-certified 802.11 Wi-Fi radio (FCC ID: LPM-WL18SBMOD), 802.15.4 radio, and a Bluetooth Low Energy radio, that are controlled via handheld remote control and/or a smart device application. The modification for use being made to this radio is to allow usage within 20 cm of the human torso.

The 360 SIQ air pump is a 120VAC powered device that allows the user to set a desired comfort level for an individualized sleep experience, as well as monitoring movement and biometric signals through changes of air pressure internal to the mattress.

The Bluetooth Low Energy radio utilizes a single integral PCB etch antenna. The 802.15.4 radio also utilizes a separate single integral PCB etch antenna.

The technical reports and exhibits demonstrate compliance with FCC rules 47 CFR 15.247

Your efforts in reviewing this application are greatly appreciated.

Best Regards,

A handwritten signature in black ink that reads "Jeffrey Barnum". The signature is written in a cursive style with a large initial "J".

Jeffrey Barnum

Vice President of Quality and Manufacturing  
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