



Attn: Reviewing Engineer

RE: PART 15 UNLICENSED MODULAR TRANSMITTER APPROVAL

To Whom It May Concern:

We, *Life Fitness*, hereby requests for part 15 unlicensed modular transmitter approval of our device, described as follows:

Brand name: Life Fitness NFC Card Reader
Model name: 1007521-0010
Type number: AA
FCC ID: LM6-LFNFCCR1

In FCC Public Notice DA 00-1407 released June 26,2000 there are eight numbered requirements that our device complies with:

1. The modular transmitter must have its own shielding.

- The RF part has its own shielding (see. Annex "internal pictures")

2. The modular transmitter must have buffered modulation/data inputs

- used IC NXP's PN7150 provides this.

3. The modular transmitter must have its own power supply regulation

- Transmitter has own regulated 3V3 power supply via an MIC5323-3.3YMT-TR LDO. See schematics U1.

4. The modular transmitter must comply with the antenna requirements of Section 15.203 and 15.204c used IC NXP PN7150 and on integrated PCB antenna.

5. The modular transmitter must be tested in a stand-alone configuration

-The EUT was tested in stand-alone configuration. (see Test report)

6. The modular transmitter must be labelled with its own FCC ID number

- The transmitter has its own FCC ID label on PCB's silk screen (see User and Integration manual)

7. The modular transmitter must comply with any specific rule or operating requirements applicable to the transmitter and the manufacturer must provide adequate instructions along with the module to explain any such requirements.

- The device complies with this requirements. (see integration manual)

8. The modular transmitter must comply with any applicable RF exposure requirements.

- The device complies with this requirements. (see Test report).

Date: 11/10/2017

Company: Life Fitness, a Division of Brunswick Corporation

Applicant/Agent: Margaret Wang

Title: Regulatory Compliance Manager

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