

# Cover Letter- Wireless Charger Approval

Date: 2020/12/16

To whom it may concern:

We have declared below featured for FCC equipment authorization as an Inductive wireless power transfer applications approval ( KDB 680106 D01v03 section 5,b).

Device FCC ID: LM6-LF10WQWC, IC: 23315-LF10WQWC

Requirements	Result
(1) Power transfer frequency is less than 1 MHz.	Pass, The Device operates at a frequency range is 120KHz ~ 130KHz
(2) Output power from each primary coil is less than or equal to 15 watts.	Pass, The primary coil is 10watts
(3) The transfer system includes only single primary and secondary coils. This includes charging systems that may have multiple primary coils and clients that are able to detect and allow coupling only between individual pairs of coils.	Pass, - The transfer system includes charging systems with multiple primary coils.  - They are able to detect one coil, but the device does not allow 3 coils to charging at same time.
(4) Client device is placed directly in contact with the transmitter.	Pass, Client device is placed directly in contact with the transmitter.
(5) Mobile exposure conditions only (portable exposure conditions are not covered by this exclusion).	Pass, Mobile exposure conditions only
(6) The aggregate H-field strengths at 15 cm surrounding the device and 20 cm above the top surface from all simultaneous transmitting coils are demonstrated to be less than 50% of the MPE limit.	Pass, H-field strengths at 15cm surrounding the device and 20 cm above the top surface from all simultaneous transmitting coils are demonstrated to be less than 50% of the MPE limit.

**Dated this**      **2020/12/16**

**By:**



**Margaret Wang**

**Signature**

**Printed**

**Title: Regulatory Compliance Manager**

**On behalf of :**      **Life Fitness**