

Cover Letter for WPT RF Exposure Evaluation Consideration

Date: 2019-02-21

Dear Examiner,

There's a WPT device as below we'd like to be authorized per KDB 680106 D01.

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|----------------------|--|
| Grantee Name: | Hubbell Incorporated (Delaware) Wiring Device-Kellems Division |
| Product Name: | WIRELESS CHARGER |
| Model Number: | USB1528AC |
| FCC ID: | GX7-USB1528AC |

As addressed in KDB 680106 D01 RF Exposure Wireless Charging App v03section 5, Inductive wireless power transfer applications with supporting field strength results and meeting all of the 6 following requirements are not required to submit a KDB inquiry for a PAG for equipment approved using certification to address RF exposure compliance.

Here is a briefing about the device.

| KDB 680106 D01 Section 5 Requirements | Justification |
|---|--|
| a) Power transfer frequency is less than 1 MHz | Complied: 110.577-166.186 kHz |
| b) Output power from each primary coil is less than or equal to 15 watts. | Complied: 7.5 watts Max. |
| c) 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. | Complied |
| d) Client device is placed directly in contact with the transmitter. | Complied |
| e) Application is limited to Mobile exposure conditions only. | Complied |
| f) 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. | Complied: Please refer to RF exposure report. |

Sincerely,

Print Name: John Brower

Title: Manager, Electronics Engineering

Signature: 

On behalf of Company: Hubbell Incorporated (Delaware) Wiring Device-Kellems Division

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