

Cover Letter for WPT RF Exposure Evaluation Consideration

Dear Examiner,

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

FCC ID:	2AQBL-TOP001
Product Name:	Wireless Charging Phone Holder
Model Number:	WM-501, WM-501CA

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.

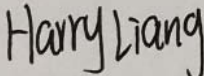
KDB 680106 D01 Section 5 Requirements:	Justification
1) Power transfer frequency is less than 1 MHz	YES, it's 110.2-175.8 kHz
2) Output power from each primary coil is less than 15Watts	YES, it's 10W.
3) The transfer system includes only single primary and secondary coils. (This includes charging systems that may have multiple primary coils and clients that are able to detect and allow coupling only between individual pairs of coils.)	YES. The transfer system includes only single primary coil referring to product photos.
4) Client device is placed directly in contact with the transmitter.	YES. The product is used for charging mobile phone and placed directly in contact with the product.
5) Application is limited to Mobile exposure conditions only.	Not applicable.
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.	complied however Not applicable. testing is performed per more stringent procedure which is provided by FCC.

Thus, FCC inquiry for RF Exposure Evaluation Consideration is needed. FCC Response to Inquiry to FCC (Tracking Number 740461) is attached in the following 2 pages, in which FCC set out a portable device testing procedure for it and accept test reports provided by Test Firm SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Sincerely,

Print Name: Harry Liang

Title: Manager

Signature: 

On behalf of Company: Shenzhen Toploud Electronic Co.,Ltd

Telephone: 86-0755-29057020-805

E-mail: hua@toploud.com

From: oetech@fcc.gov
Sent: 2018年7月3日星期二 21:44
To: Song, Jing (Shenzhen)
Subject: Response to Inquiry to FCC (Tracking Number 740461)

Inquiry on 06/25/2018 :

Inquiry:

Hello FCC OET,

we have a QI WPT device which is applying FCC equipment authorization, now we have some questions in need of your guidance, please help to clear our uncertainty, thank you.

The application of this WPT device is in Car, standing on ventilation opening. more info please see attached Manual.

The first 5 requirements of KDB 680106 D01 RF Exposure Wireless Charging App v03 Section 5 are all met.
Could you please help to advise if any special RF exposure test procedure required for it?

Thank you!

Jing

FCC response on 06/28/2018

Thank you for your inequity.

Please address the below items:

1. Cars come in different shape and size. How would you guarantee that the less than 20cm is maintained?
2. Is this for specific car or any type of cars?
3. Will the device be installed by a user or professional installer?
4. Two positions indicated from the user manual (air outlet and 3M removable adhesive).
 - 4.1.This clearly shows that there is nothing which stops a user to install in any part of the car, or can even be hold on the lap of a driver or the front passenger.
 - 4.2.The air outlet can be blocked, so a user is forced to install somewhere else because there is no restriction.
 - 4.3.Based on these (4.1 and 4.2), the device needs to be considered as a portable which requires measurement.

---Reply from Customer on 07/02/2018---

Thanks for your reply, test has been finished per your instruction, kindly help to check and confiirm whether report attached is acceptable to proceed further filing for FCC grant issuance.

attachment: human exposure report; Test set-up.

thank you very much.

BR,

Jing

FCC response on 07/02/2018

Thank you for the providing the test result.

You may proceed.

Attachment Details:

Do not reply to this message. Please select the [Reply to an Inquiry Response](#) link from the OET Inquiry System to add any additional information pertaining to this inquiry.