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Reply to an OET Inquiry Response

Currently Displaying Inquiry Tracking Number: 616878

Contact Information:

Customer First Name: Cathy
Customer Last Name: li
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Address:

Line 1:
Line 2:
P.O. Box:
City:
State:
Zip Code:
Country:

Inquiry Details on 06/04/2020:

First category: RF Exposure *
Second category: MPE (RF Exposure)
Third category:
Subject: about wireless charger does not meet to the KDB680106 clause5 require inquiry
Inquiry: Dear sir/madam,
There have a Power Bank,
Capacity: 10000mAh / 37Wh
USB-C Input: DC 5V 3A / 9V 2A
USB-C Output: DC 5V 3A / 9V 2A / 12V 1.5A
USB-A Output: DC 5V 2.4A / 9V 2A / 12V 1.5A
Wireless Output: 5W, 7.5W, 10W
Max Power Output: 18W(total)
More info. see attachment user manual.
The wireless charger can not work when power bank at charging mode.

So, wireless charger function does not meet to the KDB680106 clause5 (5) require, please guide me how to evaluate RF exposure.
We will provide RF test report & RF exposure report, and RF exposure report showed at different charging conditions at 10%, 50% and 90%. Can you accept the evaluation method? Can we apply for FCC ID certificate with those report?
Please see the attachment.
Attachment Details:
1. operation description
2. user manual
3. radiated emission data(field strength)
4. EUT photo
5. RF EXPOSURE REPORT
6. RF TEST REPORT
Tks~

FCC Response on 06/04/2020:

Please address the following questions:

1. Is the maximum output power for devices connected to the USB port or can it transmit 18W of power wireless?
2. Please clarify this statement: "The wireless charger can not work when power bank at charging mode." Does this mean the coil on the battery pack is disabled while the internal batteries are being recharged?
3. During the RF exposure testing, what was the output power of the device? Was this transmitting at the full 10W rated output power?
4. What is the difference between model number PB-WL02 and PB-WL03? The user manual is for the PB-WL02 but the results in the RF exposure report are for a PB-WL03.
5. The RF exposure report section 4.4.2 note states the device is in compliance with KDB 680106 D01 6 conditions but in your initial inquiry you state that the device does not meet clause 5. Which is it?

Additionally, please refer to the guidance from TCB workshop presentation titled RF Exposure Procedures of November 2019 for more information.

---Reply from Customer on 06/08/2020---

1. The max total output including the wireless charge is 18W, and wireless charger max output power is 10W.
2. Yes. This means that the device is portable when wireless charging is used.
3. During the RF exposure testing, the device is only wireless charging, transmitting at the full 10W.
4. All the model are the same circuit and RF module, except the model number.
5. The device is portable when wireless charging is used. And in KDB 680106 clause5 (5) require?as follow?
(5) Mobile exposure conditions only (portable exposure conditions are not covered by this exclusion).
So, we need FCC guide me how to evaluate RF exposure.

FCC Response on 06/11/2020:

Please refer to the TCB workshop presentation "RF ExposureProcedures" of October 2018 slide 11 (link below). To summarize, ifthe charger does not physically attach to the client (e.g. phone, tablet, etc.)and is intended for desktop use, then KDB publication 680106 D01 isapplicable.

Given that the DUT does not physically attach to the client andthe results provided in the RF Exposure Report attachment, KDB 680106 D01clause 5(b) subclauses (1)-(6) have been met. No further action isrequired. You may proceed as is.

As a reminder, provide a copy of this RF Exposure test report withthe application if applying for certification.

TCB Workshop – RF Exposure Procedures

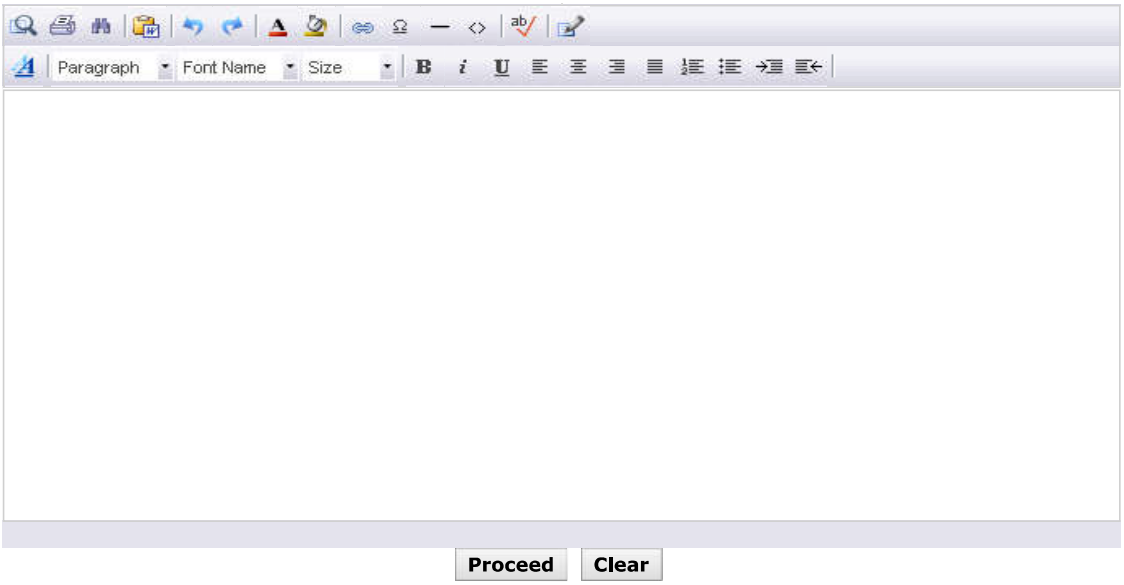
https://transition.fcc.gov/oet/ea/presentations/files/oct18/5.2-RF_Exposure_Procedures-JN.PDF

Attachment List:

EUT PHOTO
Operation Description
RF EXPOSURE REPORT
radiated emission data(field strength)
rf test report
user manual

Enter any additional comments below:

*(This is a text only field. Users will be able to upload attachments after clicking on the "Proceed" button below)



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