

Response to Inquiry to FCC (Tracking Number 693249)

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发给 eric.yang@bctc-lab.com.cn

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Inquiry on 06/21/2021 :

Inquiry:

Dear FCC Reviewer:

Good day!

I have a project is Wireless power bank, portable and Mobile Are applicable.

Please see user manual as attached.

Maximum WPT output power: 15W

According to TCBC Workshop measurement guidance, tested and prepared test report as attached. Please help me check whether RF Exposure Evaluation Report can accept?

Waiting for your information.

Thanks!

Best Regards!

FCC response on 06/23/2021

Thank you for the inquiry.

Please address the below items:

1. From the provided User Manual, it is hard to tell what the use condition of the DUT is. What is its use condition? What do you mean by mobile and portable? When you say portable, is this something one carries in the pocket or touches human body while charging? Please describe in detail.
2. Your testing did not follow the steps provided per TCB Presentation, November 2019, RF Exposure Procedures, slide 13. You must do step-by-step from 0 to 10 cm, i.e. at 0, 2, 4, 6, 8, 10 cm.
3. Remember, the procedure provided in TCB Presentation, November 2019, RF Exposure Procedures is for in-vehicle applications not for any portable device.
4. Your probe is too big to measure the DUT. The disproportionality in size between the DUT and the probe employed leads to inaccurate test result. You need to employ smaller size probe.

---Reply from Customer on 07/12/2021---

Dear FCC Reviewer:

Good day!

Mobile: Product is placed on the desktop or provided with a fixed location.

Portable: It's something you can put in your pocket.

I have replaced the small probe as instructed and retested it. Please check again whether it meets the requirements.

Waiting for your information.

Thank you very much!

FCC response on 07/15/2021

Thank you for your response.

You haven't addressed our questions.

We didn't ask you the meaning of Portable and Mobile. The question was about pertaining the DUT ONLY. Please address question #1 again, such as:

- What the use condition of the DUT. Describe in detail.
- When you say portable, is this something one carries in the pocket or touches human body while charging? Please describe in detail.
- Describe the operational description in detail.

---Reply from Customer on 07/21/2021---

Dear FCC Reviewer:

Good day!

- What the use condition of the DUT. Describe in detail.

RE: DUT can be used as mobile power supply and wireless charging seat. The output of USB-A and Type-C port is the mobile power supply. When Lightning and Type-C port input power supply is used to charge the mobile power supply, the wireless charging seat starts to work. Please refer to the specification for port schematic.

- When you say portable, is this something one carries in the pocket or touches human body while charging? Please describe in detail.

RE: DUT does not use the power adapter to power the wireless charging seat does not work. mobile power supply can be used to carry touches human body while no charging.

- Describe the operational description in detail.

RE: DUT can be used as mobile power supply and wireless charging seat. The output of USB-A and Type-C port is the mobile power supply. When Lightning and Type-C port input power supply is used to charge the mobile power supply, the wireless charging seat starts to work. Please refer to the specification for port schematic.

Change RF Exposure Evaluation Report can accept? Waiting for your information?

Thank you very much!

---Reply from Customer on 07/27/2021---

Dear FCC Reviewer:

Good day!

Have you checked this inquiry, whether it fits the bill.

Looking forward to your reply!

Thank you very much!

FCC response on 07/27/2021

Thank you for your response.

Let us try differently.

1. Is it safe to say the DUT is for desktop usage?
2. We don't seem to agree with your explanation because from the User Manual, the DUT is both a portable and mobile.
 - 2.1 It is a portable because the it can operate with mAh battery only.
 - 2.2 It is a mobile where you can plug in to the electric outlet.
3. Question again, can the DUT touch human body while charging?
4. What is the dimensions and weight of the DUT?
5. Its output power is 5W/7.5W/10W/15W. Does this mean it operates only at one of the power levels only? In other words, it only operates at 5W or 7.5W or 10W or 15W? Or, it has capability to operate at different (more than one) power levels simultaneously, i.e. for example 5W and 7.5W, or 10W and 15w?

---Reply from Customer on 08/04/2021---

Dear FCC Reviewer:

1. Is it safe to say the DUT is for desktop usage?

RE: Yes

2. We don't seem to agree with your explanation because from the User Manual, the DUT is both a portable and mobile.

2.1 It is a portable because the it can operate with mAh battery only.

2.2 It is a mobile where you can plug in to the electric outlet.

RE: Yes, you are right.

3. Question again, can the DUT touch human body while charging?

RE: No

4. What is the dimensions and weight of the DUT?

RE:Size L*W*H(10.8*6.8*1.8)cm?Weight?195.50g

5. Its output power is 5W/7.5W/10W/15W. Does this mean it operates only at one of the power levels only? In other words, it only operates at 5W or 7.5W or 10W or 15W? Or, it has capability to operate at different (more than one) power levels simultaneously, i.e. for example 5W and 7.5W, or 10W and 15w?

RE:Yes, it has capability to operate at different (more than one) power levels simultaneously. It depends on the received power.

Please help me check whether the RF Exposure Evaluation Report is acceptable.

FCC response on 08/06/2021

Thank you for your response.

Per your response to #5, if it can operate at different (more than one) power levels simultaneously, how can you guarantee it cannot generate more than the said 15W? For example, if 5W + 7.5W + 10W + 15W transmit simultaneously, it may well be much higher than the 15W. Please explain.

By the way, when you it depends on the received power, what do you mean by that?

---Reply from Customer on 08/09/2021---

Dear FCC Reviewer:

Good day!

Per your response to #5, if it can operate at different (more than one) power levels simultaneously, how can you guarantee it cannot generate more than the said 15W? For example, if 5W + 7.5W + 10W + 15W transmit simultaneously, it may well be much higher than the 15W. Please explain. By the way, when you it depends on the received power, what do you mean by that?

RE:

I'm sorry to have misled you.

EUT only work at one power level, not multiple power levels at the same time, the maximum power is 15W.

For example, receive the maximum power is 5W is 5W power, receive the maximum power is 10W is 10W. DUT will not work when receiving power exceeds 15W.

Please refer to the Guide diagram I uploaded, thank you!

FCC response on 08/12/2021

Thank you for your response.

H-Field for 8cm is mislabeled as E-Field. Please make correction. No need to respond to the KDB for this correction.

You may proceed.

Attachment Details:

[MPE \(RF Exposure\)](#)

[User Manual](#)

[MPE\(RF Exposure\)](#)

[Guide diagram](#)

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.