

Response to Inquiry to FCC (Tracking Number 678803)

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发给 eric.yang@bctc-lab.com.cn

2022-08-22 21:35 隐藏信息

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时间: 2022年8月22日 (周一) 21:35

大小: 20 KB

Inquiry on 08/08/2022 :

Inquiry:

Dear FCC Reviewer:

Good day!

I am engineer of China test labs, I have a project is portable wireless charge device,

Maximum WPT output power: 10W

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 for your attention!

Best Regards!

FCC response on 08/12/2022

Thank you for your inquiry.

Please address the below items:

1. Will the DUT battery chargeable. Meaning once the DUT is fully charged, can it be unplugged from power source/from USB and used to charge another device/s?
2. Can the DUT connected to a device to be charged magnetically and at the same time can a user speak over the phone while charging a phone using the DUT?
3. Can the DUT connected to a phone or other chargeable device and touch human body?
4. Is the DUT a mobile or portable? If the above one of the above 1 – 3 satisfied, it is no longer mobile. It would be considered as a portable.
5. Having reviewed your test result, we suggest the following:
 - a. You no longer must test at different power level, i.e., at 1%, 50%, 99%. You only need to test a fully charged (100%) only
 - b. You no longer test both H & E fields. Only H field suffice
 - c. Please check the following TCB Workshop Presentations:
 - October 2021, titled "Wireless Power Transfer Updates". Per this presentation your test result should have been 0cm-20cm. You used the old version of guidance.
 - April 2022, titled "Part 18 and Wireless Power Transfer Updates"
6. What kind of probe employed when conducting the test? Please provide the picture of the probe employed. As described in the April 2022 TCB Workshop, the size of the probe relative to the DUT needs to be considered. It shouldn't be too small or too large.

---Reply from Customer on 08/15/2022---

Dear FCC Reviewer:

Good day!

Please address the below items:

1. Will the DUT battery chargeable. Meaning once the DUT is fully charged, can it be unplugged from power source/from USB and used to charge another device/s?

RE: Yes

2. Can the DUT connected to a device to be charged magnetically and at the same time can a user speak over the phone while charging a phone using the DUT?

RE: No

3. Can the DUT connected to a phone or other chargeable device and touch human body?

RE: Yes

4. Is the DUT a mobile or portable? If the above one of the above 1 – 3 satisfied, it is no longer mobile. It would be considered as a portable.

RE: Yes, portable

5. Having reviewed your test result, we suggest the following:

a. You no longer must test at different power level, i.e., at 1%, 50%, 99%. You only need to test a fully charged (100%) only

b. You no longer test both H & E fields. Only H field suffice

c. Please check the following TCB Workshop Presentations:

- October 2021, titled "Wireless Power Transfer Updates" . Per this presentation your test result should have been 0cm-20cm. You used the old version of guidance.

- April 2022, titled "Part 18 and Wireless Power Transfer Updates" RE: Add Test

RE: Add test.

6. What kind of probe employed when conducting the test? Please provide the picture of the probe employed. As described in the April 2022 TCB

Workshop, the size of the probe relative to the DUT needs to be considered. It shouldn't be too small or too large.

RE: Provide probe photos

FCC response on 08/18/2022

Thank you for your response.

1. On #3, can the DUT be connected to a phone or other chargeable device and touch human body? Please describe the use conditions it may touch human body.
2. What is the size of the DUT? Please provide dimensions and pictures.
3. Please provide the test setup picture.

---Reply from Customer on 08/18/2022---

Dear FCC Reviewer:

Good day!

1. On #3, can the DUT be connected to a phone or other chargeable device and touch human body? Please describe the use conditions it may touch human body.

RE: While charging, your hand will touch the DUT when you pick up the phone and use it.

2. What is the size of the DUT? Please provide dimensions and pictures.

RE: Provide see attachment.

3. Please provide the test setup picture.

RE: Provide see attachment.

Please Is the RF exposure evaluation report acceptable? Waiting for your information. Thanks!

Best Regards!

FCC response on 08/22/2022

Thank you for your response.

Your test procedure and test results appear to be acceptable. You may proceed.

Attachment Details:

Teat Report

External Photos & Internal Photos

User Manual

Test Report V1

Probe Photos

DUT Size Pictures

Test Setup Pictures

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.