

Reply to an OET Inquiry Response

Currently Displaying Inquiry Tracking Number: **833291**

Contact

Information:

Customer First Name: wei
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Address

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

Inquiry Details on 11/26/2019:

First
category: RF Exposure *

Second
category: MPE (RF Exposure)

Third
category:

Subject: Wireless Power Transfer test inquiry

Inquiry: Dear Sir/Madam

We have a Wireless Charging Pad (Model: AWC1021A), which is designed to have two coils. The operation frequency is 117kHz ~ 239kHz, and the max output power for each coil is 10 watts, the two coils can simultaneous transmission.

The details please check attachment"Wireless Power Transfer test inquiry", more information please check attachment"UserManual". The MPE evaluation method please check attachment"MPE Report" . Please check and kindly tell us the MPE evaluation report is accepted? Or if we missing any information, please let us know.

Thank you very much and best regards!

FCC Response on 11/26/2019:

Thank you for the inquiry.

Please address the below items:

1. When you say pad, is it like computer mouse pad?
2. Can human hand/body be able to touch while the DUT operates?
3. Please describe the use condition of the device. Supporting with photos will be helpful.
4. From your description, we are assuming that the total RF power of the DUT is 20 Watts when charging simultaneously.

---Reply from Customer on 11/28/2019---

Dear Sir/Madam

Thank you for your reply

For your question, please check the answer as below;

1. The DUT is not like computer mouse pad, it has a certain thickness. The size of it is 219mm * 105mm * 12mm (L * W * H).
2. Human hand/body can be able to touch while the DUT operates.
3. DUT is powered by adapter(The max output of the adapter is 15V, 3.5A), when a load is placed on it, the DUT will connect to the load and charge the load. The power of the DUT is determined by the maximum power of the load. If no load is placed on the DUT, it will not work.
4. If the two coils of DUT charging simultaneously, the total RF power of the DUT is 20 Watts.

Do you have any other questions of the DUT? Or if MPE Report we provided is accepted? Please kindly give us more guide.

Thank you very much and best regards!

FCC Response on 12/03/2019:

Thank you for the additional information.

Since the DUT touches human, you need to perform additional measurement. Please conduct Magnetic Field Strength measurement at the below distances, from all sides (A -E) and provide the result.

Test distances: 1 cm, 3 cm, 5 cm, 7 cm, and 10 cm.

---Reply from Customer on 12/04/2019---

Dear Sir/Madam

We added different test distance data in the attachment "MPE Report--V01". Please check and kindly tell us if it is accepted?

Thank you very much and best regards!

FCC Response on 12/04/2019:

Thank you for the additional information.

You may proceed.

Attachment List:

[MPE Report](#)

[MPE Report--V01](#)

[UserManual](#)

[Wireless Power Transfer test inquiry](#)