



Office of Engineering and Technology

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Contact Information:

Customer First Name: Poal
 Customer Last Name: Chen
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 Extension:
 E-mail Address: EMC03@anci.com

Address:

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

Inquiry Details on 06/08/2022:

First category: RF Exposure *

Second category: Test Procedures (RF Exposure)

Third category:

Subject: RF exposure assessment procedure for wireless chargers used in household

Inquiry: Dear Sir?

We have a wireless charger used in household not cars, and we need KDB to assess whether the RF exposure procedure meets the requirements. It's designed for mobile phones. It is not mechanically or magnetically attached to the phone. Placed in the specified position induction power. The charger has a battery and does not need to be connected to a power source (such as USB) in order to charge the device. It is portable device.

FCC Response on 06/09/2022:

Please provide clarification on the transmitter this device is intended for; is it for a specific phone or multiple phones? Can it be used for other products?

3. Please clarify the operating configuration(s) where a person can take a call while the phone is on the charging pad for identifying RF exposure conditions.

4. Please provide detail description of the communication mechanisms or algorithm of the charger

5. Provide tabulated max E-field and max H field measurement data from all sides and top of the primary/client with the 10cm measured from the center of the probes to the edge of the device and record the highest emission, need also to document results at different charging conditions at 10%, 50% and 90%.

Please review TCB Workshop Presentation November 2019 /2020 RF Exposure Procedures for the test method

---Reply from Customer on 06/10/2022---

Dear Sir?

The product is mainly used to charge mobile phones. Support mobile phone charging with Qi protocol, charging will stop when receiving calls, it is not recommended to make phone calls while charging. The mobile phone needs to be placed in the specified position. If the distance is more than 5mm, the connection may be disconnected and the mobile phone cannot continue to charge. The operation description and RF Exposure Evaluation have been updated. Please help confirm whether it is OK, thank you!

FCC Response on 06/10/2022:

Test plan is acceptable and approved, you may proceed with testing

Attachment List:

[Block Diagram](#)
[External Photo](#)
[Internal Photo](#)
[Operation Description](#)
[Operation Description](#)
[RF Exposure Evaluation](#)
[RF Exposure Evaluation 1.0](#)
[SCH](#)
[Wireless charger KDB 680106 Declaration](#)

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