

Response to Inquiry to FCC (Tracking Number 765313)

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发给 kevenwu@nct-testing.com

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Inquiry on 08/11/2022 :

Inquiry:

Hi

The product is a magnetic wireless charger. the magnetic ring is for aligning the coils.

please see the internal photo attached.

For H-field and E-field measurement data, we test data at 2cm increments from 0cm out to 20cm. please see the RF porsure report and test report attached.

for the other details, please see the User manual, SCH, Blocking?Operating instructions attached

FCC response on 08/19/2022

Thanks for your inquiry.

Please provide detail information of the RF exposure analysis the coil design to simulate the actual coil. all . line feed of coil including z-component H-fields considered, watt, voltage or ampere driven, calibration for custom H-field probe

As stated on 9/16/2021 and in the KDB publication 680106 section 3.c, the separation distance shall be measured from the geometric center of the probe head to the edge of the device. Please review the separation distances in the test report

As probe perturbation may affect the results at close distance, please provide the type of probe used to perform the measurement

---Reply from Customer on 10/11/2022---

Hi,

Please see the attached for the detail information of the coil and the calibration for H-field probe.

For the separation distances, we test distances in 2cm increments from 0 to 20cm. it is probably the angle of the photo, it doesnt looks like the distance is accrate.

Since the probe has a certain volume, we can only approach the top of the probe when testing 0cm, 2cm and 4cm, because the length of the probr is 109mm.

The probe for the test is a cuboid with a size of 92*92*109mm. The probe is controlled by a PC-based program, and the measurement results are transmitted in real time through a fiber optic connection. An auxiliary input can measure the

spectrum of external signals from any RF device. Because it has a very small volume and fiber connection, it does not affect the electromagnetic field it measures, thus ensuring the accuracy and sensitivity of the measurement. In the test process, in order to avoid the inaccurate results caused by the micro motion of the probe, we made several measurements and waited for the data to be stable before taking the value.

FCC response on 10/12/2022

Thanks for your response. Test proposal is acceptable and approved

Attachment Details:

[Bocking](#)

[user manual](#)

[Internal EUT photos](#)

[SCH](#)

[operating instructions](#)

[RF EXPOSURE REPORT](#)

[probe analyzer calibration certificate](#)

[Description](#)

[RF EXPOSURE](#)

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