

Response to Inquiry to FCC (Tracking Number 286909)

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发给 max@agccert.com

2024-01-22 13:10 详细信息

Inquiry on 12/27/2023 :

Inquiry:

The Equipment Under Test (EUT) is a battery-powered Bluetooth conference speaker that also incorporates the latest magnetic wireless charging technology compatible with iPhone 14/15. While in Bluetooth mode or in wireless charging standby, the device can be considered portable. However, when it's being used to charge an iPhone, it's not practical for carrying around due to its size and shape. For instance, placing it in a bag for wireless charging leads to poor contact and potential separation from the phone, and holding it in hand makes phone operation cumbersome. The most common usage scenario is having it placed on a desk. Therefore, we consider it a mobile device when it's used for wireless charging. Attached are the external appearance and dimensions of the device

FCC response on 01/20/2024

Dear Inquirer,

considering that the height of the device is about 13 cm, if the device can operate as a WPT charger only when a phone is placed on the top and without being held securely (i.e., the phone is just balanced on the top surface of the charger), then it seems reasonable that a 20 cm distance from a person body will be maintained at all time. However, the charging protocol needs to ensure that the charger operates only when the load (phone) is present.

It is also worth considering that for WPT operating at frequencies less than 4 MHz, the provision in KDB 680106 to determine RF exposure compliance for 2.1093-Portable devices permits the use of MPE, like for 2.1091-Mobile devices, thus significantly simplifying the testing process (i.e., no SAR evaluation is required).

Best regards,

OET Staff

Attachment Details:

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