Reply to an OET Inquiry Response

Currently Displaying Inquiry Tracking Number: **701767**

Contact Information:

Customer First Name: Miia
Customer Last Name: Nurkkala
Telephone Number: 405431462
Extension: 358
E-mail Address: miia.nurkkala@verkotan.com

Address:

Line 1: Elektroniikkatie 17
Line 2:
P.O. Box: 90590
City: Oulu
State:
Zip Code: 90590
Country: Finland

Inquiry Details on 09/04/2019:

First category: RF Exposure *
Second category: General (RF Exposure)
Third category:
Subject: wireless charging pad in a car
Inquiry: Hello,

We are RF exposure testing a wireless charging pad, similar to one in inquiry Tracking Number 736619.

It will be installed to a car, to center console for example. The device will be installed into the vehicles in a factory when the vehicle is manufactured by professional workers. The user is expected to lay down the mobile on the pad surface, while staying in the car. The pad detects the mobile via NFC and starts charging.

The pad is intended only for mobile phones who fulfil the Qi-Standard. Generally, it is possible to take a call while charging, but WMI itself is not able to answer a call. Please see attached file Kompensor 15.Feb.2019.pdf for further information on the device.

For this case, can a separation distance of 15 cm or less be used for testing of RF exposure?

FCC Response on 09/10/2019:

Thank you for your inquiry. The attachment you have provided with this inquiry is the same attachment you provided in KDB Inquiry 736619. How does this new device differ from the device in KDB Inquiry 736619? Please provide more information and technical specifications for this new device.

---Reply from Customer on 09/12/2019---

Hello,

Please find below bullet points to clarify what iscommon and what is different between W167 (old inquiry 736619) vs. W205 (this inquiry701767):

Different:
• Housing design, because the mounting in the car consoles is different
• Layout, because 2 different connector positions. For further informationplease see attachments.
• placement position, because different layout. For further information pleasesee attachments.
• PCBA

Common:
• Wiring diagram (including control ext NFC antenna, LED, GSM antenna)
• Overall function, ping, charging, NFC
  -Ping,number of pings level
  -Charging behaviour, frequency, level
  -NFC, frequency, level
• Housing materials
• Used components, solder, PCB, cover foils
• Application in the software

Attachments for W167: LP1449-108-ALL.pdf & BSTV1222-X08-LP1449-108.pdf
Attachments for W205: LP1449-8-ALL.pdf & BSTV1222-308-LP1449-8.pdf

---Reply from Customer on 10/01/2019---

Hello,
Is the given information adequate?

FCC Response on 10/02/2019:

Thank you for the additional information. Due to the relative similarities between the two devices a similar method to demonstrate compliance can be used. Please apply the guidance and test methods given in the earlier KDB Inquiry 736619.