
From: oeitech@fcc.gov
Date: 2024-03-28 04:13
To: lahm@ccuttest.com
Subject: Response to Inquiry to FCC (Tracking Number 657533)

Inquiry on 03/14/2024 :

Inquiry:

Dear FCC:

When test portable WPT device uses Part 15C of the regulation for FCC ID certification, I use the device MAGPy to test the RF Exposure.

First, using the MAGPy to measure and read the E/H field values at 0cm test distance, Next, using the MAGPy to measure and read the E/H field values at 2cm test distance, Measure and read the E/H field values every increase 2cm, In the end, the MAGPy uses an extrapolation to determine the field at 0mm separation because the location of the receive elements is some distance further than 0mm, so setting MAGPy to select compliance location as probe tip, the measured value is extrapolated to 0mm as the result.

Please help to determine if this test method is acceptable?

In addition, I would like to ask if I encounter similar portable WPT product in the future, I need to submit an new ECR inquiry?

Applicant: CLICKWIN LLC.

Product name: Power Bank

Model: CHAR-11051

Please refer to the attached documents for more information.

FCC response on 03/27/2024

Dear Inquirer,

it looks like you are going in the right direction, but we are going to provide some more details so that you can follow the right pr

You can use any properly calibrated probe for your measurements, and that includes Part 15. For devices below 4 MHz, we al

If you are using the MAGPy to estimate the field strength for MPE purposes, you need to validate the estimated field (at least for If instead you are using the MAGPy to evaluate SAR, you need to file the NUMSIM PAG as well, where you discuss the validatic

The validation of the estimated field needs to be done according to the procedure is outlined in KDB 680106 Section 3.3. This ju

For instance, if the probe radius is R and the probe tip is in contact with the coil, the probe center is R cm from the coil surface. T

Then the field at 0 cm can only be estimated, but the field at 1 cm is measured exactly (at the center of the probe). Then one mc

The difference needs to be no less than 30%. Then one shall measure one more point. Since the field at 2 cm was also measure

If your probe radius is different from 1 cm, then the procedure in the example needs to be corrected accordingly.