Mario Baudet Aranda

De: oetech@fcc.gov
Enviado el: lunes, 22 de enero de 2024 6:13
Para: Mario Baudet Aranda
Asunto: Response to Inquiry to FCC (Tracking Number 841336)

Inquiry on 12/20/2023 :

Inquiry:

Dear FCC,

Following the requirements of the KDB 484596 D01- TEST REDUCTIONS VIA DATA REFERENCING, I am sending you this ECR KDB Inquiry on behalf of the manufacturer SALTO SYSTEM SL to get your approval for the test plan scheme followed for the certification of the product in the subject of the inquiry.
The approach adopted for the testing is the following:

- EMC Testing for W40MH according to 47 CFR Part 15B, ICES-003 Issue 7/ANSI C63.4-2014.
- EMC Testing for W40T according to 47 CFR Part 15B, ICES-003 Issue 7/ANSI C63.4-2014.
- Partial RF testing (radiated) for W40MH and W40T models for BLE (1Mbps) Radio, according to CFR Part 15.247, RSS-247 Issue 2.
- Full RF testing for the worst case found in previous RF Bluetooth testing (W40T), for BLE (1Mbps) Radio, according to CFR Part 15.247, RSS-247 Issue 2.
- Partial RF testing for NFC Radio for W40MH and W40T to get worst case configuration according to CFR Part 15.225, RSS-210 Issue 9.
- Full RF testing for NFC Radio for the worst case found in previous RF NFC testing (W40T), according to CFR Part 15.225, RSS-210 Issue 9.
- Radiated Spurious Simultaneous Transmission Verification for W40T according to 47 CFR Part 2.947 (f) for the following operation modes: NFC worst case + Bluetooth (Soc) worst case + Bluetooth (Module) worst case

With along this inquiry you can find the following documents:

- W40MH & W40T - Family cover letter.pdf where is is explained the similarities and differences between the models ad the testing plan
- External and internal photographs.

best regards

FCC response on 01/09/2024

Dear Inquirer,

the approach you described for the variant data referencing appears consistent with our guidelines. Please provide a spot-check test plan, following KDB Publication 484596.

Best regards,

OET Staff

---Reply from Customer on 01/16/2024---

Dear OET staff,

thank you for your answer.

the spot-check test plan is:

For Bluetooth

- Perform Emissions limitations radiated (transmitter)for the model W40MH

- Perform Emissions limitations radiated (transmitter)for the model W40T

Detect the worst case to perform RF full testing whichis, in this case, the model W40T.

For RFID

- Perform Field strength of emissions within theband 13.553 -13.567 MHz, 13.410 - 13.553 MHz and 13.567 - 13.710 MHz, 13.110 -13.410 MHz and 13.710 - 14.010 MH and Field Strength of Emissions outside ofthe band 13.110 MHz - 14.010 MHz for the model W40MH

- Perform Field strength of emissions within theband 13.553 -13.567 MHz, 13.410 - 13.553 MHz and 13.567 - 13.710 MHz, 13.110 -13.410 MHz and 13.710 - 14.010 MH and Field Strength of Emissions outside ofthe band 13.110 MHz - 14.010 MHz for the model W40T

Detect the worst case to perform RF full testing whichis, in this case, the model W40T.

I look forward to your final confirmation this sportcheck is consistent with your guidelines to continue with the TCB approval.

Thank you in advance.

Best regards

FCC response on 01/21/2024

Dear Inquirer,

the proposed plan is acceptable and must include the acceptance criteria for the spot check test measurements as discussed in detail in KDB Publication 484596-v02r01.

The exhibits filed for certification shall contain and clearly identify the referenced data, and specify for what applicable worst-case scenario they have been considered.

The acceptance of a Data Referencing proposal does not waive the manufacturer's responsibility to ensure that the data as filed provides the required demonstration of compliance.

You may provide a copy of this inquiry to the TCB in support of further grant processing.

Best regards,

OET Staff

Attachment Details:

Do not reply to this message. Please select the Reply to an Inquiry Response link from the OET Inquiry System to add any additional information pertaining to this inquiry.