



America

5945 Cabot Parkway, Suite 100
Alpharetta, GA 30005

July 26, 2017

TÜV SÜD TCB
5945 Cabot Parkway, Suite 100
Alpharetta, GA 30005

Re: FCC ID: 2AAUJ-C002

To Whom It May Concern:

The following application is submitted on behalf of our client, Viableware, Inc. DBA TableSafe, Inc., for evaluation of their model TS-CS5 for certification under FCC Part 15.209..

The TS-CS5 is comprised of 5 wireless charging ports. It is based on the Qi standard, version 1.0.2 for wireless power transfer, a loosely coupled inductive charging system. The dock contains transmitter design A1 of the Qi specification which is basically a series loaded LC resonant half bridge converter which operates within 110kHz to 205kHz to provide 5W of power to the receiver circuit. Due to the nature of the LC resonance, a quasi-sinusoidal current waveform is induced in the receiver coil, which is full-wave rectified. This power is then used to feed the battery charger. The whole system can be seen as a 'smart transformer' with loosely coupled primary and secondary windings.

The TS-CS5 was tested in full to the requirements of the aforementioned rules and was found to be in compliance.

Sincerely,

A handwritten signature in black ink, appearing to read 'R. Sam Wismer', written in a cursive, flowing style.

Sam Wismer
Southeast Regional Manager - EMC
TÜV SÜD America Inc.