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May 17, 2018

TÜV SÜD UCB
5945 Cabot Parkway
Alpharetta, GA 30005

Re: FCC ID: SK9WF111

To Whom It May Concern:

The following application is submitted on behalf of our client, Itron Inc., for evaluation of their model WF111 for a class II permissive change certification under FCC Part 15.247.

The WF111 is a Wi-Fi communications module that will be used for local access to the SBR .The module utilizes the 2.4 GHz radio frequency (RF) operation band.

The purpose of this Class II Permissive Change is to add a new antenna and host combination. For this Class II Permissive Change, the WF111 was integrated into the Itron, Inc. Socket Based Router (SBR) host. The WF111 module is connected to a monopole antenna via a connection through the carrier board of the SBR to a SMA connector. Other transmitters that are associated with the SBR host include a cellular modem (FCC ID: N7NEM7455), a 900 MHz transmitter (FCC ID: SK9OW1), a second 900 MHz (FCC ID: SK9ITR9002) and a Zigbee transmitter (FCC ID: SK9ITR24). The Zigbee is not located in the SBR but in the 2S electricity meter that the SBR can be attached to.

Radiated inter-modulation testing was performed for all combinations of simultaneous transmission and found to comply.

The WF111 was tested in full to the requirements of the aforementioned rules and was found to be in compliance.

Sincerely,

Signature:

Name: Lee Littlejohn
Title: Regulatory Engineer