



Excellence in Compliance Testing

2320 Presidential Drive, Suite 101
Durham, NC 27703

August 8, 2016

ACS TCB
5015 B.U. Bowman Drive
Buford, GA 30518

Re: FCC ID: P2SCMIU-VZW-1

To Whom It May Concern:

The following application is submitted on behalf of our client, Neptune Technology Group, for a Class II permissive change of their model CMIU-ATT under FCC Part 15.247.

The CMIU product is a wireless device which interfaces with a water meter to provide water meter readings over a commercial LTE network. This CMIU utilizes two independently activated RF radiating devices which have been integrated into the product:

The CMIU-ATT will also be used in a water pit base which will change the EUT orientation from the original submittal. The new configuration setup included a Plexiglas frame to simulate the EUT and antenna configuration when installed in a water pit base. The EUT sits at the bottom of the water pit and the cellular antenna will be integrated on the top cover of the water pit. Therefore, radiated spurious emissions were evaluated in the new orientation. Based on the results, a class II permissive change is required.

The CMIU is co-located with the cellular modem FCC ID: R17LE910NA. Therefore, radiated inter-modulation testing was evaluated for all combinations of simultaneous transmission between the pre-approved Telit Wireless Solutions LTE Cellular radio module (LE910-NA) and the BLE radio. All emissions were found to be in compliance.

Sincerely,

A handwritten signature in black ink that reads "R. Sam Wismer". The signature is written in a cursive, flowing style.

Sam Wismer
Vice President, Technology
Advanced Compliance Solutions, Inc.